

1992-1993

HYDROGRAPHIC REPORT

STATE OF NEBRASKA

DEPARTMENT OF WATER RESOURCES



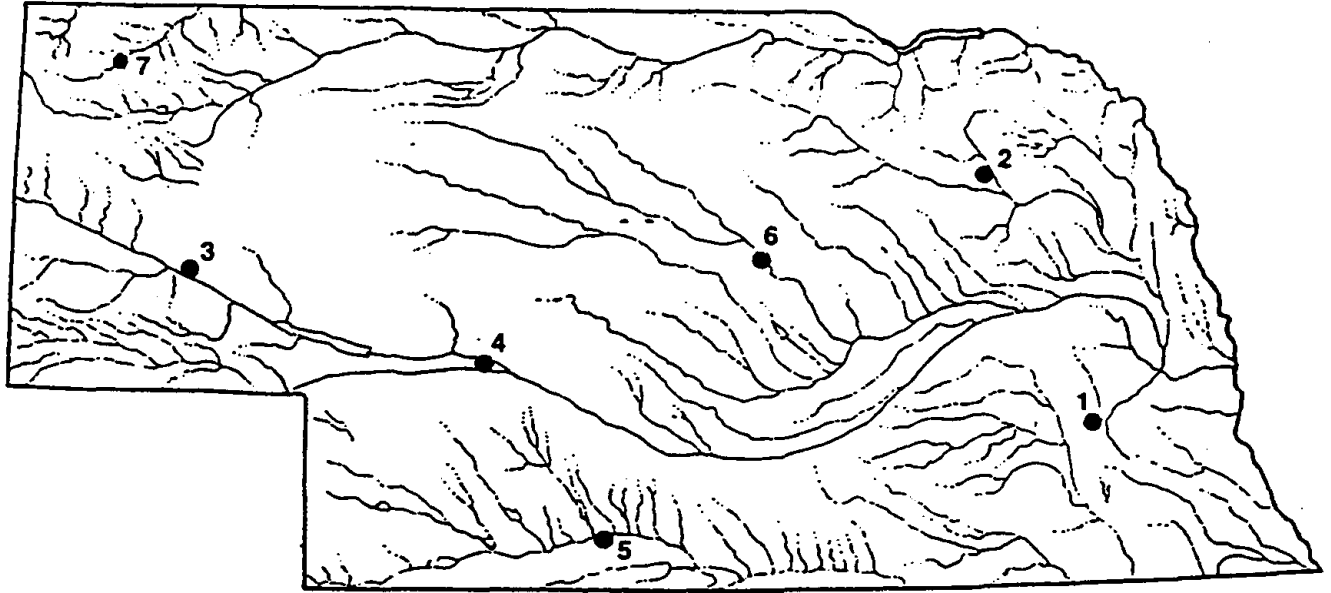
STATE OF NEBRASKA

DEPARTMENT OF WATER RESOURCES

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

1992 - 1993

**Prepared Under the Direction of Michael Jess, Director
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HYDROGRAPHIC REPORT

1992 - 1993

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 years 1992 and 1993 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. 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 due to poor stage-discharge relationship, usually a backwater condition. An "a" next to a daily record indicates an estimated value due to missing or poor gage height record.

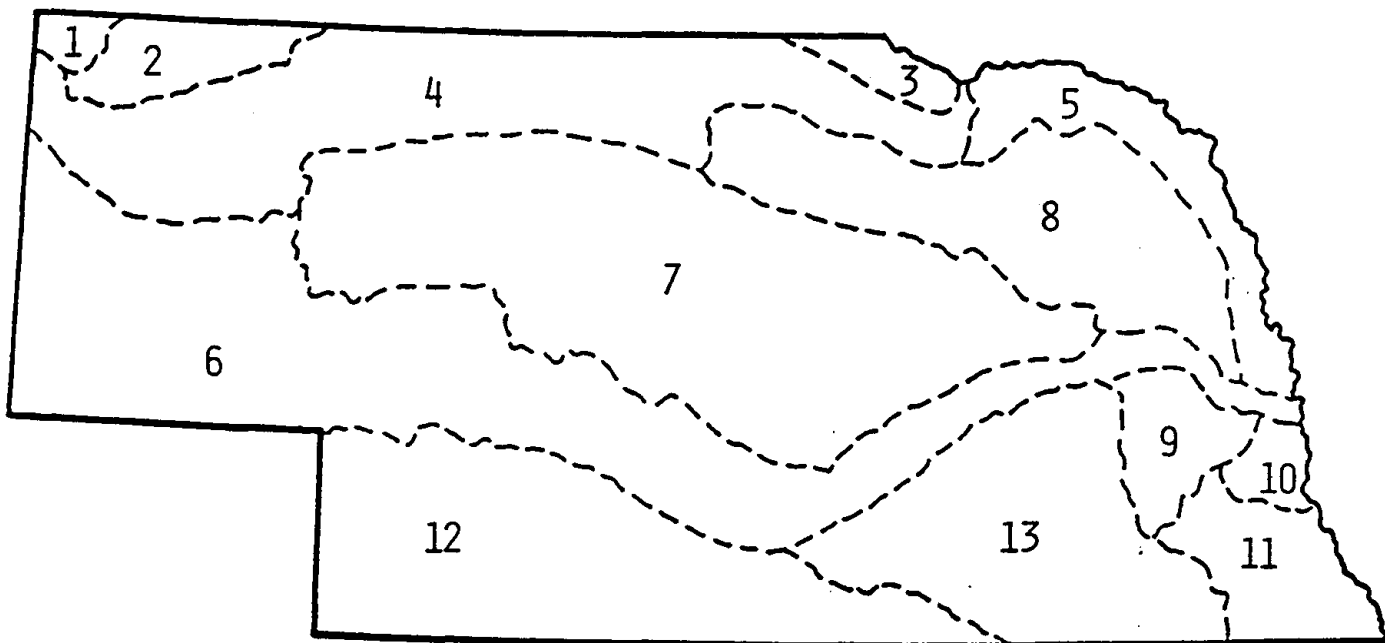
Data may be converted to other common units of measurement using the table of equivalents listed below:

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

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. 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. 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.

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 TRIBS. (NIOBRARA TO PLATTE)
6. PLATTE RIVER
7. LOUP RIVER
8. ELKHORN RIVER
9. SALT CREEK
10. MISSOURI RIVER TRIBS. (PLATTE TO NEMAHA)
11. NEMAHA RIVERS
12. REPUBLICAN RIVER
13. BLUE RIVERS



1992

HYDROGRAPHIC REPORT

WHITE RIVER BASIN

WHITE RIVER at Crawford - 1992

LOCATION.--W1/2 Sec. 3-31-52 W.

GAGE.--Continuous stage recorder

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

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated discharge due to backwater from ice

EXTREMES FOR CURRENT YEAR.--Peak discharge 38 cubic feet per second May 22, gage height 3.88 feet
Minimum daily discharge 10 cubic feet per second August 20, 21

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23e	23	23	19	20	23	15	12	13	12	20	24
2	23e	23	22	20	20	20	24	11	14	12	18	23e
3	24e	23	22	20	19	19	19	13	13	12	18	23
4	23	23	23	20	19	18	17	14	12	13	18	22e
5	25	22	27	20	18	18	16	13	12	13	17	23e
6	26	21e	24	20	18	21	15	12	12	16	18	23e
7	25	21e	24	20	17	19	14	12	13	17	18	23e
8	16e	20e	23e	20	17	18	14	11	13	17	19	23e
9	18e	20e	23e	20	17	17	15	11	13	15	19	23e
10	20e	20e	23e	21	25	16	15	11	12	15	16	24
11	22e	19e	25	21	21	16	15	11	12	15	18	22
12	22e	22e	26	21	19	16	17	11	12	16	18	22
13	18e	23	24	22	18	16	19	11	12	16	18	22e
14	18e	23	23	21	18	17	16	11	12	16	18	21e
15	18e	23	22	20	18	24	15	11	13	16	18	23e
16	19e	23	22	20	18	22	16	11	12	15	18	23
17	19e	22	22	20	18	20	15	12	12	17	17	22e
18	19e	21	21	20	17	16	15	12	12	16	17	22e
19	19e	21	23	18	16	18	14	11	12	17	18	22e
20	20e	22	22	20	16	17	17	10	12	17	18	22e
21	20e	22	21	20	17	18	19	10	12	17	19	22e
22	21e	22	21	19	30	17	18	12	12	17	19	22e
23	21e	31	21	20	21	16	16	13	12	17	19	22e
24	22e	27	21	19	19	15	16	14	12	17	18	23e
25	22e	24	22	20	18	20	15	15	12	17	19	23e
26	23e	23	21	21	17	18	14	20	13	17	20e	24e
27	23e	23	21	20	17	18	14	16	13	18	22e	24e
28	24e	23	20	20	18	17	13	14	13	18	23e	24e
29	25	23	20	19	18	17	13	13	14	18	24	25e
30	23	-----	20	19	17	17	12	13	12	18	23e	25e
31	23	-----	20	-----	23	-----	12	13	-----	19	-----	24e
TOTAL	664	653	692	600	584	544	485	384	373	496	565	710
MEAN	21.4	22.5	22.3	20.0	18.8	18.1	15.6	12.4	12.4	16.0	18.8	22.9
MAX	26	31	27	22	30	24	24	20	14	19	24	25
MIN	16	19	20	18	16	15	12	10	12	12	16	21
AC-FT	1,320	1,300	1,370	1,190	1,160	1,080	962	762	740	984	1,120	1,410
YEAR 1992	TOTAL	6,750	MEAN	18.4	MAX	31	MIN	10	AC-FT	13,390		

WHITE RIVER BASIN

WHITNEY RESERVOIR from White River - 1992

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

Date	Contents (Acre-feet)
January 27, 1992	9,051
February 10, 1992	9,260
March 17, 1992	9,845
April 30, 1992	10,520
May 11, 1992	9,782
May 28, 1992	9,170
June 22, 1992	10,430
July 6, 1992	9,755
August 11, 1992	8,532
September 14, 1992	6,595
September 28, 1992	7,070
December 15, 1992	8,235

NIOBRARA RIVER BASIN

JOHNSON CANAL from Niobrara River - 1992

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	0	0	0	0		
2				0	0	0	0	0	0	0		
3				0	.19	0	0	0	0	0		
4				0	.19	0	0	0	0	0		
5				0	.03	0	0	0	0	0		
6				0	.05	0	0	0	0	0		
7				0	.32	0	0	0	0	0		
8				0	.35	0	0	0	0	0		
9				0	0	0	0	0	0	0		
10				.05	.06	0	0	0	0	0		
11				.05	.08	0	0	0	0	0		
12				.05	.10	0	0	0	0	0		
13				.05	.02	0	0	0	0	0		
14				.05	.06	0	0	0	0	0		
15				.07	.26	0	0	0	0	0		
16				.12	.46	0	0	0	0	0		
17				.14	.56	0	0	0	0	0		
18				.13	.61	0	0	0	0	0		
19				.11	.83	0	0	0	0	0		
20				.11	.77	0	0	0	0	0		
21				.10	.73	0	0	0	0	0		
22				.07	.77	0	0	0	0	0		
23				.08	.15	0	0	0	0	0		
24				.08	.06	0	0	0	0	0		
25				.11	.04	0	0	0	0	0		
26				.30	0	0	0	0	0	0		
27				.50	0	0	0	0	0	0		
28				.77	0	0	0	0	0	0		
29				.02	0	0	0	0	0	0		
30		-----		0	0	0	0	0	0	0		
31		-----		-----	0	-----	0	0	-----	0	-----	
TOTAL				2.96	6.69	0	0	0	0	0		
MEAN				.099	.22	0	0	0	0	0		
MAX				.77	.83	0	0	0	0	0		
MIN				0	0	0	0	0	0	0		
AC-FT				5.9	13	0	0	0	0	0		
YEAR 1992	MAX	.83	MIN	0	AC-FT	19						

NIOBRARA RIVER BASIN

LAKOTA CANAL from Niobrara River - 1992

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	3.1	3.0	1.9	1.7	2.2	2.5		
2				0	3.1	3.0	2.2	1.6	2.3	2.5		
3				0	4.0	2.9	2.6	1.6	2.3	2.4		
4				0	4.0	2.6	2.8	1.6	2.3	2.4		
5				0	3.6	2.5	2.5	1.1	2.3	2.5		
6				0	3.6	2.6	2.2	.57	2.3	1.4		
7				0	3.6	2.8	2.0	1.4	2.2	0		
8				0	3.6	2.6	1.9	1.7	2.3	0		
9				0	3.4	2.3	1.8	1.5	2.4	0		
10				0	3.1	2.1	1.8	1.3	2.2	0		
11				0	3.9	2.0	1.7	1.3	2.3	0		
12				0	4.2	1.8	1.6	1.4	2.3	0		
13				0	3.6	1.7	1.6	1.3	2.3	0		
14				0	3.3	1.7	1.7	1.2	2.2	0		
15				2.4	3.3	2.1	1.6	1.2	2.3	0		
16				4.3	3.2	2.8	1.8	1.2	2.3	0		
17				4.2	2.5	3.1	1.8	1.3	2.3	0		
18				4.0	2.0	2.8	1.8	1.2	2.3	0		
19				4.5	1.4	2.7	1.7	1.4	2.3	0		
20				4.0	1.4	2.2	1.7	1.4	2.5	0		
21				4.5	1.3	1.5	1.5	1.4	2.9	0		
22				4.3	2.6	1.4	1.6	1.6	2.5	0		
23				4.4	4.1	1.3	2.2	1.7	2.6	0		
24				4.4	4.1	.89	2.4	1.9	2.7	0		
25				4.4	3.0	1.7	2.1	2.0	2.6	0		
26				4.2	3.2	2.5	1.6	2.7	2.6	0		
27				3.6	3.3	3.1	1.8	3.2	2.6	0		
28				4.1	3.3	2.9	2.0	2.9	2.5	0		
29				3.6	3.2	2.8	1.9	2.3	2.4	0		
30		-----		3.6	3.1	2.3	1.8	2.1	2.4	0		
31		-----		-----	3.0	-----	1.8	2.0	-----	0	-----	
TOTAL				64.5	98.1	69.69	59.4	50.77	71.7	13.7		
MEAN				2.15	3.16	2.32	1.92	1.64	2.39	.44		
MAX				4.5	4.2	3.1	2.8	3.2	2.9	2.5		
MIN				0	1.3	.89	1.5	.57	2.2	0		
AC-FT				128	195	138	118	101	142	27		
YEAR 1992	MAX	4.5	MIN	0	AC-FT	849						

NIOBRARA RIVER BASIN

EARNEST CANAL (SOUTH) from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	4.9	4.7	3.1	3.4	0		
2					0	5.3	5.2	3.0	2.8	0		
3					0	5.6	5.3	2.8	1.8	0		
4					0	5.4	5.4	2.7	1.4	0		
5					0	5.3	5.3	2.6	1.3	0		
6					0	5.2	5.2	2.7	1.3	0		
7					0	5.1	4.8	2.9	1.2	0		
8					0	4.9	4.5	2.9	.74	0		
9					0	4.7	4.3	2.7	0	0		
10					0	4.6	4.3	2.3	0	0		
11					0	4.3	4.4	2.2	0	0		
12					0	4.1	4.5	2.5	0	0		
13					0	3.9	4.6	2.5	0	0		
14					0	3.9	4.4	2.6	0	0		
15					0	4.0	4.4	2.4	0	0		
16					0	5.0	4.5	2.4	0	0		
17					0	4.9	4.1	2.5	0	0		
18					0	4.7	3.8	2.5	0	0		
19					0	4.7	3.7	2.5	0	0		
20					0	4.5	3.9	2.2	0	0		
21					0	4.1	4.4	2.1	0	0		
22					0	4.1	5.0	2.0	0	0		
23					0	4.0	4.9	2.1	0	0		
24					0	4.2	4.5	2.2	0	0		
25					0	4.4	4.2	3.1	0	0		
26					.02	4.6	4.1	3.8	0	0		
27					1.5	4.6	4.0	3.7	0	0		
28					3.8	4.6	3.7	3.8	0	0		
29					4.1	4.5	3.7	3.6	0	0		
30		-----			4.2	4.5	3.7	3.4	0	0		
31		-----		-----	4.7	-----	3.7	3.4	-----	0	-----	
TOTAL					18.32	138.6	137.2	85.2	13.94	0		
MEAN					.59	4.62	4.43	2.75	.46	0		
MAX					4.7	5.6	5.4	3.8	3.4	0		
MIN					0	3.9	3.7	2.0	0	0		
AC-FT					36	275	272	169	28	0		
YEAR 1992	MAX	5.6	MIN	0	AC-FT	780						

NIOBRARA RIVER BASIN

EARNEST CANAL (NORTH) from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	.87	0	0	0	0		
2					0	.49	0	0	0	0		
3					1.0	0	0	0	0	0		
4					2.8	0	0	0	0	0		
5					2.3	0	0	0	0	0		
6					.68	0	0	0	0	0		
7					1.3	0	0	0	0	0		
8					1.9	0	0	0	0	0		
9					1.7	0	0	0	0	0		
10					2.2	0	0	0	0	0		
11					2.7	0	0	0	0	0		
12					3.2	0	0	0	0	0		
13					3.4	0	0	0	0	0		
14					3.3	0	0	0	0	0		
15					3.3	0	0	0	0	0		
16					3.2	0	0	0	0	0		
17					3.8	0	0	0	0	0		
18					3.9	0	0	0	0	0		
19					4.0	0	0	0	0	0		
20					4.1	0	0	0	0	0		
21					4.2	0	0	0	0	0		
22					5.1	0	0	0	0	0		
23					5.6	0	0	0	0	0		
24					5.4	0	0	0	0	0		
25					5.0	0	0	0	0	0		
26					5.1	0	0	0	0	0		
27					3.2	0	0	0	0	0		
28					1.2	0	0	0	0	0		
29					1.1	0	0	0	0	0		
30		-----			1.0	0	0	0	0	0		
31		-----		-----	.94	-----	0	0	-----	0	-----	
TOTAL					86.62	1.36	0	0	0	0		
MEAN					2.79	.045	0	0	0	0		
MAX					5.6	.87	0	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					172	2.7	0	0	0	0		
YEAR 1992	MAX	5.6	MIN	0	AC-FT	175						

NIOBRARA RIVER BASIN

McGINLEY-STOVER CANAL from Niobrara River - 1992

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	2.4	0	0	0	0		
2					0	2.5	0	0	0	0		
3					0	2.4	0	0	0	0		
4					0	2.4	0	0	0	0		
5					0	2.3	0	0	0	0		
6					0	2.3	0	0	0	0		
7					0	2.2	0	0	0	0		
8					0	2.1	0	0	0	0		
9					0	2.0	0	0	0	0		
10					0	2.5	0	0	0	0		
11					0	2.6	0	0	0	0		
12					0	2.7	0	0	0	0		
13					0	2.8	0	0	0	0		
14					0	2.8	0	0	0	0		
15					0	4.2	0	0	0	0		
16					0	3.6	0	0	0	0		
17					0	2.9	0	0	0	0		
18					0	2.8	0	0	0	0		
19					0	2.6	0	0	0	0		
20					0	3.1	0	0	0	0		
21					1.6	3.1	0	0	0	0		
22					2.9	2.9	0	0	0	0		
23					2.9	2.5	0	0	0	0		
24					2.9	2.2	0	0	0	0		
25					2.9	2.4	0	0	0	0		
26					2.5	1.9	0	0	0	0		
27					2.6	.48	0	0	0	0		
28					2.4	.12	0	0	0	0		
29					2.3	0	0	0	0	0		
30		-----			2.2	0	0	0	0	0		
31		-----		-----	2.4	-----	0	0	-----	0	-----	
TOTAL					27.6	68.80	0	0	0	0		
MEAN					.89	2.29	0	0	0	0		
MAX					2.9	4.2	0	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					55	136	0	0	0	0		
YEAR 1992	MAX	4.2	MIN	0	AC-FT	191						

NIOBRARA RIVER BASIN

COOK CANAL NO. 1 from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

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

REMARKS.--e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	1.1	.85	.49			
2						0	1.2	.83	.52			
3						0	1.1	.85	.50			
4						.10e	.96	.89	.51			
5						.10e	.81	.85	.53			
6						.12e	.44	.80	.49			
7						.12e	.37	.75	.47			
8						.12e	.38	.70	.51			
9						.13	.39	.64	.54			
10						.33	.35	.59	.53			
11						.45	.35	.57	.51			
12						.55	.34	.53	.50			
13						.73	.31	.52	.52			
14						.77	.41	.50	.51			
15						1.0	.58	.48	.51			
16						1.4	.26	.46	.52			
17						1.2	.23	.50	.48			
18						1.2	.26	.48	.41			
19						1.2	.30	.45	.45			
20						1.1	.31	.42	.42			
21						.92	.34	.39	.37			
22						.88	.38	.40	.38			
23						.66	.41	.39	.40			
24						.64	.40	.41	.39			
25						.74	.38	.42	.22			
26						.81	.39	.47	.12			
27						.94	.45	.51	0			
28						1.1	.75	.47	0			
29						1.1	.85	.49	0			
30		-----				1.2	1.0	.46	0			
31		-----		-----		-----	.95	.44	-----		-----	
TOTAL						19.61	16.75	17.51	11.80			
MEAN						.65	.54	.56	.39			
MAX						1.4	1.2	.89	.54			
MIN						0	.23	.39	0			
AC-FT						39	33	35	23			
YEAR 1992	MAX	1.4	MIN	0	AC-FT	130						

NIOBRARA RIVER BASIN

NIOBRARA RIVER at Agate - 1992

LOCATION.--SW1/4 Sec. 6-28-55 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1957 - present

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

a = missing gage height record

e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 20 cubic feet per second March 5, gage height 3.65 feet.
Minimum daily discharge 2.3 cubic feet per second May 29.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13 a	15	17	15	9.1	4.7	7.0	5.2	7.3	7.4	8.1	12a
2	13 a	15	18	15	9.7	5.2	8.9	7.1	7.6	7.4	7.4	12a
3	13 a	16	18	15	9.7	5.1	10	7.0	7.4	7.3	8.8	12a
4	13 a	17	18	15	9.6	4.5	9.6	7.8	7.4	5.7	8.4	12a
5	13 a	16	20	15	8.1	5.1	8.7	7.0	8.1	5.4	8.1	12a
6	13	15	19	15	7.7	5.2	8.1	7.4	8.5	5.9	11	12a
7	12	15	19	15	6.9	4.8	7.8	6.7	8.5	6.9	11	12a
8	7.9	16	19	15	7.0	4.6	7.0	6.2	8.8	7.8	12	12a
9	11	16	20	14	7.1	4.8	6.6	5.6	8.8	7.9	12	12a
10	12	16	19	14	8.9	4.2	6.9	5.5	8.8	7.7	11	12a
11	12	16	19	14	9.1	3.4	7.4	5.3	8.7	7.5	9.7	12a
12	12	16	19	14	8.5	3.0	7.6	5.5	8.7	7.6	9.6	12a
13	13	17	19	15	8.5	3.3	8.3	5.4	9.0	7.6	9.6	12a
14	12	16	19	15	8.4	3.5	7.7	5.5	8.9	7.6	9.6	12a
15	10	17	19	14	8.2	5.1	7.5	4.5	9.0	8.7	12	12a
16	9.7	17	18	14	8.0	6.2	8.4	4.8	9.2	9.1	14	12e
17	12	17	18	14	8.1	5.2	7.7	5.3	8.8	8.2	14	11
18	12	16	18	14	7.8	5.0	7.3	5.1	8.3	8.4	14	11
19	12	15	18	14	7.4	5.0	7.1	4.9	8.1	8.2	13	11e
20	12	17	18	14	6.2	4.7	7.2	4.6	8.1	7.0	13	11a
21	12	17	17	14	4.1	4.1	7.9	4.8	7.2	7.3	14	11a
22	13	16	17	13	5.3	4.1	8.4	4.9	7.1	7.7	13	11a
23	12	17	17	14	6.0	4.0	8.7	5.8	7.2	7.7	13	11a
24	13	17	16	13	4.6	4.2	8.6	6.3	8.0	8.0	11	11a
25	13	17	16	13	4.5	4.8	9.0	7.2	8.5	8.2	12 e	11a
26	14	17	16	13	3.9	5.1	8.4	8.5	8.8	7.0	12 a	11a
27	14	17	16	13	2.8	5.3	7.7	9.6	8.9	6.9	12 a	11a
28	14	17	16	12	2.8	6.9	6.6	8.3	8.1	7.8	12 a	11a
29	14	17	16	12	2.3	7.1	6.3	8.1	7.3	8.6	12 a	11e
30	15	-----	16	9.0	2.8	7.1	7.2	7.9	7.3	8.8	12 a	11e
31	15	-----	15	-----	2.8	-----	6.4	7.4	-----	8.4	-----	11a
TOTAL	386.6	473	550	416.0	205.9	145.3	242.0	195.2	246.4	235.7	339.3	357
MEAN	12.5	16.3	17.7	13.9	6.64	4.84	7.81	6.30	8.21	7.60	11.3	11.5
MAX	15	17	20	15	9.7	7.1	10	9.6	9.2	9.1	14	12
MIN	7.9	15	15	9.0	2.3	3.0	6.3	4.5	7.1	5.4	7.4	11
AC-FT	767	938	1,090	825	408	288	480	387	489	468	673	708
YEAR 1992	TOTAL	3,792.4	MEAN	10.4	MAX	20	MIN	2.3	AC-FT	7,520		

NIOBRARA RIVER BASIN

HARRIS-NEECE CANAL from Niobrara River - 1992

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 = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					.45e	5.5	0	6.8	0	0		
2					.61e	5.5	0	6.1	0	0		
3					9.6 e	5.3	3.2	6.0	0	0		
4					9.9 e	5.3	6.9	6.0	0	0		
5					10	5.3	6.8	5.8	0	0		
6					9.8	5.6	6.6	6.1	0	0		
7					9.3	5.6	6.7	5.9	0	0		
8					8.7	5.6	7.1	5.6	0	0		
9					8.6	5.4	6.6	5.0	0	0		
10					9.4	5.3	.23	4.6	0	0		
11					9.6	5.3	3.3	4.6	0	0		
12					9.5	4.9	5.9	4.6	0	0		
13					9.2	4.7	6.6	4.5	0	0		
14					9.2	5.2	6.7	4.5	0	0		
15					9.1	6.3	6.8	4.3	0	0		
16					8.8	8.2	7.1	4.1	0	0		
17					8.6	8.7	7.0	4.4	0	0		
18					8.5	7.4	6.6	4.7	0	0		
19					8.3	6.8	6.2	4.5	0	0		
20					8.0	6.3	6.1	4.2	0	0		
21					7.8	5.6	6.5	4.1	0	0		
22					8.0	4.8	6.8	4.4	0	0		
23					8.6	4.1	7.2	4.8	0	0		
24					9.1	4.3	7.7	5.7	0	0		
25					8.2	6.0	7.6	6.2	0	0		
26					8.1	6.7	7.7	7.1	0	0		
27					7.8	6.2	7.5	7.3	0	0		
28					7.2	0	7.1	3.9	0	0		
29					6.8	0	6.7	0	0	0		
30		-----			6.3	0	6.7	0	0	0		
31		-----		-----	6.0	-----	6.6	0	-----	0	-----	
TOTAL					249.06	155.9	184.53	145.8	0	0		
MEAN					8.03	5.20	5.95	4.70	0	0		
MAX					10	8.7	7.7	7.3	0	0		
MIN					.45	0	0	0	0	0		
AC-FT					494	309	366	289	0	0		
YEAR 1992	MAX	10	MIN	0	AC-FT	1,460						

NIOBRARA RIVER BASIN

LABELLE CANAL from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	7.0	0	0	0		
2					0	0	6.6	0	0	0		
3					0	0	6.1	0	0	0		
4					0	0	4.5	0	0	0		
5					0	0	3.5	0	0	0		
6					0	0	3.4	0	0	0		
7					0	0	2.9	0	0	0		
8					0	0	3.0	0	0	0		
9					0	.63	3.1	0	0	0		
10					0	2.2	3.5	0	0	0		
11					0	4.4	3.2	0	0	0		
12					0	2.9	.34	0	0	0		
13					0	2.4	.13	0	0	0		
14					0	2.2	.23	0	0	0		
15					0	2.5	.41	0	0	0		
16					0	3.3	.73	0	0	0		
17					0	4.5	.40	0	0	0		
18					0	4.9	0	0	0	0		
19					0	5.8	0	0	0	0		
20					0	3.5	0	0	0	0		
21					0	2.9	0	0	0	0		
22					0	3.0	0	0	0	0		
23					0	3.3	0	0	0	0		
24					0	3.0	0	0	0	0		
25					0	5.1	0	0	0	0		
26					0	5.0	0	0	0	0		
27					0	4.7	0	0	0	0		
28					0	4.1	0	0	0	0		
29					0	4.3	0	0	0	0		
30		-----			0	5.5	0	0	0	0		
31		-----		-----	0	-----	0	0	-----	0	-----	
TOTAL					0	80.13	49.04	0	0	0		
MEAN					0	2.67	1.58	0	0	0		
MAX					0	5.8	7.0	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					0	159	97	0	0	0		
YEAR 1992	MAX	7.0	MIN	0	AC-FT	256						

NIOBRARA RIVER BASIN

METTLEN CANAL from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	.70	3.2	3.5			
2					0	0	.94	3.3	3.6			
3					0	.90	1.1	1.5	3.4			
4					2.1	2.2	.96	.10	3.5			
5					4.0	2.5	.37	.02	3.5			
6					3.8	2.4	.10	0	3.6			
7					3.5	2.4	.03	0	3.7			
8					3.2	2.3	0	0	1.4			
9					3.1	1.7	0	0	0			
10					4.0	1.6	0	0	0			
11					3.9	.85	0	0	0			
12					3.3	.57	.09	0	0			
13					3.5	.73	0	0	0			
14					2.6	.90	0	0	0			
15					.19	1.0	0	0	0			
16					.08	1.8	1.4	1.3	0			
17					.08	2.6	2.4	2.7	0			
18					.08	2.1	3.0	2.4	0			
19					.06	2.3	2.9	2.1	0			
20					0	1.3	3.2	1.9	0			
21					0	1.0	3.9	1.9	0			
22					0	1.0	4.0	1.9	0			
23					0	.68	3.7	2.0	0			
24					0	.79	4.0	2.5	0			
25					0	1.3	3.8	3.0	0			
26					0	1.7	4.0	3.6	0			
27					0	1.1	3.2	4.0	0			
28					0	.63	2.9	4.1	0			
29					0	.67	2.9	5.5	0			
30		-----			0	.67	3.4	7.9	0			
31		-----		-----	0	-----	3.1	3.4	-----		-----	
TOTAL					37.49	39.69	56.09	58.32	26.2			
MEAN					1.21	1.32	1.81	1.88	.87			
MAX					4.0	2.6	4.0	7.9	3.7			
MIN					0	0	0	0	0			
AC-FT					74	79	111	116	52			
YEAR 1992	MAX	7.9	MIN	0	AC-FT	432						

NIOBRARA RIVER BASIN

BENNETT-KAY CANAL from Niobrara River - 1992

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 1992

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	1.1	0	0	0	0		
8					0	2.6	0	0	0	0		
9					0	2.6	0	0	0	0		
10					0	2.5	0	0	0	0		
11					0	2.3	0	0	0	0		
12					0	2.3	0	0	0	0		
13					0	1.6	0	0	0	0		
14					.83	1.8	0	0	0	0		
15					6.2	2.1	0	0	0	0		
16					6.4	2.3	0	0	0	0		
17					6.1	.63	0	0	0	0		
18					4.4	0	0	0	0	0		
19					4.4	0	0	0	0	0		
20					5.2	0	0	0	0	0		
21					4.7	0	0	0	0	0		
22					5.1	0	0	0	0	0		
23					5.1	0	0	0	0	0		
24					5.0	0	0	0	0	0		
25					5.0	0	0	0	0	0		
26					4.3	0	0	0	0	0		
27					4.1	0	0	0	0	0		
28					4.2	0	0	0	0	0		
29					4.2	0	0	0	0	0		
30		-----			4.3	0	0	0	0	0		
31		-----		-----	1.8	-----	0	0	-----	0	-----	
TOTAL					81.33	21.83	0	0	0	0		
MEAN					2.62	.73	0	0	0	0		
MAX					6.4	2.6	0	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					161	43	0	0	0	0		
YEAR 1992	MAX	6.4	MIN	0	AC-FT	205						

NIOBRARA RIVER BASIN

MOORE - KAY CANAL from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	1.3	4.5	0	0	0	0		
2				0	1.0	4.1	0	0	0	0		
3				0	1.1	3.9	0	0	0	0		
4				0	1.1	3.7	0	0	0	0		
5				0	.63	3.3	0	0	0	0		
6				0	.33	3.4	0	0	0	0		
7				0	.34	3.3	0	0	0	0		
8				0	.40	2.3	0	0	0	0		
9				0	.34	0	0	0	0	0		
10				0	1.0	0	0	0	0	0		
11				0	.63	0	0	0	0	0		
12				0	.50	0	0	0	0	0		
13				0	.38	0	0	0	0	0		
14				0	.66	0	0	0	0	0		
15				0	.10	0	0	0	0	0		
16				0	0	0	0	0	0	0		
17				0	.12	0	0	0	0	0		
18				0	.29	0	0	0	0	0		
19				0	.39	0	0	0	0	0		
20				0	.02	0	0	0	0	0		
21				1.3	.05	0	0	0	0	0		
22				1.7	1.2	0	0	0	0	0		
23				1.8	1.2	0	0	0	0	0		
24				1.6	1.3	0	0	0	0	0		
25				1.5	.87	0	0	0	0	0		
26				1.5	.58	0	0	0	0	0		
27				1.5	.47	0	0	0	0	0		
28				1.4	.18	0	0	0	0	0		
29				1.5	1.5	0	0	0	0	0		
30		-----		1.5	4.0	0	0	0	0	0		
31		-----		-----	4.2	-----	0	0	-----	0	-----	
TOTAL				15.3	26.18	28.5	0	0	0	0		
MEAN				.51	.84	.95	0	0	0	0		
MAX				1.8	4.2	4.5	0	0	0	0		
MIN				0	0	0	0	0	0	0		
AC-FT				30	52	57	0	0	0	0		
YEAR 1992	MAX	4.5	MIN	0	AC-FT	139						

NIOBRARA RIVER BASIN

GEO. HITSHEW CANAL from Niobrara river - 1992

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 1992

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	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	1.4	0	0	0	0		
14					0	3.6	0	0	0	0		
15					0	3.7	0	0	0	0		
16					0	4.0	0	0	0	0		
17					0	4.2	0	0	0	0		
18					0	3.8	0	0	0	0		
19					0	3.5	0	0	0	0		
20					0	3.1	0	0	0	0		
21					0	2.6	0	0	0	0		
22					0	1.1	0	0	0	0		
23					0	.25	0	0	0	0		
24					0	.04	0	0	0	0		
25					0	.02	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					0	31.31	0	0	0	0		
MEAN					0	1.04	0	0	0	0		
MAX					0	4.2	0	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					0	62	0	0	0	0		
YEAR 1992	MAX	4.2	MIN	0	AC-FT	62						

NIOBRARA RIVER BASIN

McLAUGHLIN CANAL from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	8.9	0	0	0	0		
2					0	9.2	0	0	0	0		
3					0	7.7	0	0	0	0		
4					0	7.2	0	0	0	0		
5					0	6.8	0	0	0	0		
6					0	6.7	0	0	0	0		
7					0	6.4	0	0	0	0		
8					0	6.1	0	0	0	0		
9					0	5.6	0	0	0	0		
10					0	5.3	0	0	0	0		
11					0	3.0	0	0	0	0		
12					0	2.5	0	0	0	0		
13					0	3.0	0	0	0	0		
14					1.2	3.3	0	0	0	0		
15					5.1	3.2	0	0	0	0		
16					4.3	2.9	0	0	0	0		
17					4.5	3.0	0	0	0	0		
18					5.2	2.3	0	0	0	0		
19					5.9	2.1	0	0	0	0		
20					6.3	1.9	0	0	0	0		
21					5.8	1.9	0	0	0	0		
22					8.8	2.1	0	0	0	0		
23					8.8	2.1	0	0	0	0		
24					8.2	1.9	0	0	0	0		
25					8.0	1.7	0	0	0	0		
26					7.6	.54	0	0	0	0		
27					8.1	.93	0	0	0	0		
28					8.1	.17	0	0	0	0		
29					7.8	.06	0	0	0	0		
30		-----			7.2	.01	0	0	0	0		
31		-----		-----	8.1	-----	0	0	-----	0	-----	
TOTAL					119.0	108.51	0	0	0	0		
MEAN					3.84	3.62	0	0	0	0		
MAX					8.8	9.2	0	0	0	0		
MIN					0	.01	0	0	0	0		
AC-FT					236	215	0	0	0	0		
YEAR 1992	MAX	9.2	MIN	0	AC-FT	451						

N I O B R A R A R I V E R B A S I N

EXCELSIOR CANAL from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	2.2	3.6					
2					1.2	2.8	3.0					
3					2.1	3.1	2.1					
4					2.5	2.9	.83					
5					4.4	2.4	.26					
6					4.6	2.0	0					
7					4.3	1.8	0					
8					3.8	1.6	0					
9					3.3	1.4	0					
10					4.2	1.3	0					
11					4.9	1.2	0					
12					5.2	1.2	0					
13					4.9	1.1	0					
14					4.9	1.2	0					
15					3.0	1.2	0					
16					2.2	1.4	0					
17					1.3	2.9	0					
18					.89	2.7	0					
19					.70	2.6	0					
20					.52	2.7	0					
21					.49	2.5	0					
22					.60	2.3	0					
23					1.2	2.1	0					
24					1.7	2.5	0					
25					1.7	2.9	0					
26					1.6	3.9	0					
27					1.8	5.1	0					
28					1.9	7.3	0					
29					2.1	5.3	0					
30		-----			2.2	4.0	0					
31		-----		-----	2.2	-----	0	-----			-----	
TOTAL					76.40	77.6	9.79					
MEAN					2.46	2.59	.32					
MAX					5.2	7.3	3.6					
MIN					0	1.1	0					
AC-FT					152	154	19					
YEAR 1992	MAX	7.3	MIN	0	AC-FT	325						

NIOBRARA RIVER BASIN

HUGHES CANAL from Niobrara River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	0	0		
2					.50e	0	0	0	0	0		
3					1.0 e	0	.56	0	0	0		
4					1.0 e	0	1.2	0	0	0		
5					1.0 e	0	1.6	0	0	0		
6					1.4 e	0	1.8	0	0	0		
7					1.4	0	1.9	0	0	0		
8					1.3	0	2.1	0	0	0		
9					1.1	0	1.6	0	0	0		
10					1.9	0	.17	0	0	0		
11					2.1	0	.21	0	0	0		
12					2.1	0	.29	0	0	0		
13					2.0	0	.30	0	0	0		
14					1.8	0	.29	0	0	0		
15					1.2	0	.19	0	0	0		
16					1.0	0	.29	0	0	0		
17					1.1	0	.29	0	0	0		
18					.83	0	.29	0	0	0		
19					.64	0	.29	0	0	0		
20					.48	0	.29	0	0	0		
21					.31	0	.29	0	0	0		
22					0	0	.29	0	0	0		
23					0	0	.29	0	0	0		
24					.01	0	.29	0	0	0		
25					.03	0	.29	0	0	0		
26					.04	0	.29	0	0	0		
27					0	0	.29	0	0	0		
28					0	0	.29	0	0	0		
29					0	0	.29	0	0	0		
30		-----			0	0	.29	0	0	0		
31		-----		-----	0	-----	.29	0	-----	0	-----	
TOTAL					24.24	0	16.85	0	0	0		
MEAN					.78	0	.54	0	0	0		
MAX					2.1	0	2.1	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					48	0	33	0	0	0		
YEAR 1992	MAX	2.1	MIN	0	AC-FT	82						

NIOBRARA RIVER BASIN

PIONEER CANAL from Niobrara River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	2.8	0	0	0	0		
2					0	2.7	0	0	0	0		
3					.20	2.9	0	0	0	0		
4					3.1	2.7	0	0	0	0		
5					3.7	2.5	0	0	0	0		
6					3.9	2.6	0	0	0	0		
7					3.9	2.4	0	0	0	0		
8					3.5	2.3	0	0	0	0		
9					3.5	2.3	0	0	0	0		
10					3.6	2.2	0	0	0	0		
11					3.5	2.2	0	0	0	0		
12					3.3	2.1	0	0	0	0		
13					3.2	2.1	0	0	0	0		
14					3.2	2.1	0	0	0	0		
15					3.5	2.2	0	0	0	0		
16					3.5	2.2	0	0	0	0		
17					3.5	2.3	0	0	0	0		
18					3.6	1.8	0	0	0	0		
19					3.7	.21	0	0	0	0		
20					3.5	0	0	0	0	0		
21					3.3	0	0	0	0	0		
22					4.1	0	0	0	0	0		
23					3.9	0	0	0	0	0		
24					3.5	0	0	0	0	0		
25					3.5	0	0	0	0	0		
26					3.5	0	0	0	0	0		
27					3.5	.53	0	0	0	0		
28					3.4	3.3	0	0	0	0		
29					3.2	2.9	0	0	0	0		
30		-----			3.3	.70	0	0	0	0		
31		-----		-----	3.0	-----	0	0	-----	0	-----	
TOTAL					98.10	50.04	0	0	0	0		
MEAN					3.16	1.67	0	0	0	0		
MAX					4.1	3.3	0	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					195	99	0	0	0	0		
YEAR 1992	MAX	4.1	MIN	0	AC-FT	294						

NIOBRARA RIVER BASIN

BOX BUTTE RESERVOIR from Niobrara River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1							17,790					
2									6,800			
3						17,520						
4												
5												
6					17,700							
7												
8				16,930			18,000			7,380		
9									6,600			
10	12,160					17,460					8,680	
11												10,040
12								9,000				
13			15,710		17,710							
14												
15							15,090					
16												
17						17,600						
18		13,970										
19								8,290				
20					17,590							
21												10,420
22							14,460					
23				17,560							9,270	
24	12,700		16,320			17,590		7,550	7,070			
25												
26										8,020		
27					17,480							
28												
29				17,620								
30		-----										
31		-----		-----		-----			-----		-----	

NIOBRARA RIVER BASIN

NIOBRARA RIVER below Box Butte Reservoir - 1992

LOCATION.--SE1/4 Sec. 28-29-49 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1946 - present

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 169 cubic feet per second on Aug. 11 at gage height 4.22 feet.
Minimum daily discharge 0.63 cubic feet per second on Sep. 10.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	.95	.91	1.0	1.1	1.1	1.2	1.0	102	79	.72	.81	.86
2	.95	.90	1.0	1.1	1.1	1.2	1.1	108	82	.72	.80	.86
3	.98	.89	1.0	1.1	1.1	1.2	.98	115	82	.72	.82	.84
4	.95	.92	1.1	1.1	1.2	1.2	1.0	117	82	.72	.81	.84
5	.94	.93	1.1	1.1	1.1	1.2	1.1	118	82	.75	.81	.84
6	.93	.93	1.1	1.1	1.0	1.2	1.0	128	32	.77	.84	.84
7	.94	.93	1.0	1.1	1.3	1.2	1.1	138	.69	.84	.86	.88
8	.93	.91	1.1	1.0	1.3	1.2	1.0	138	.64	.82	.90	.90
9	.93	.93	1.1	1.0	1.2	1.2	52	149	.66	.81	.92	.89
10	.93	.92	1.1	1.0	1.2	1.2	93	161	.63	.80	.88	.87
11	.93	.93	1.1	1.1	1.1	1.2	92	163	.72	.77	.90	.87
12	.91	.93	1.2	1.1	1.1	1.2	89	144	.69	.78	.92	.87
13	.90	.93	1.1	1.1	1.0	1.3	102	121	.67	.77	.90	.86
14	.90	.93	1.1	1.1	1.0	1.6	139	107	1.3	.75	.90	.84
15	.89	.93	1.1	.98	1.1	1.2	159	100	.66	.78	.90	.84
16	.90	.93	1.1	1.0	.98	1.2	134	103	.84	.80	.91	.84
17	.91	.93	1.1	1.1	1.1	1.2	112	98	.88	.81	.86	.86
18	.93	.92	1.1	1.1	1.1	1.1	111	92	1.2	.81	.87	.87
19	.92	.93	1.1	1.1	1.1	1.1	120	90	.81	.80	.87	.87
20	.90	.95	1.1	1.1	1.1	1.1	128	86	.80	.77	.87	.84
21	.90	.95	1.1	1.1	1.1	1.1	109	82	.76	.77	.85	.81
22	.90	.95	1.1	1.2	1.1	1.1	86	83	.70	.78	.84	.80
23	.91	1.0	1.1	1.0	1.0	1.1	74	87	.69	.78	.82	.80
24	.91	1.0	1.0	1.0	1.1	1.1	87	81	.69	.88	.81	.76
25	.87	.97	.99	1.0	1.0	.89	98	63	.74	1.4	.83	.74
26	.89	.95	.96	1.0	1.1	.95	109	49	.67	.93	.83	.77
27	.91	.99	1.0	1.0	1.1	1.0	122	46	.66	.72	.81	.81
28	.93	.98	1.0	1.1	1.1	.93	132	52	.72	.73	.84	.83
29	.90	1.0	1.0	1.2	1.1	.93	144	52	.70	.80	.84	.84
30	.91	-----	1.0	1.1	1.1	.95	129	58	.70	.78	.84	.84
31	.91	-----	1.0	-----	1.1	-----	108	70	-----	.80	-----	.82
TOTAL	28.46	27.27	32.95	32.18	34.18	34.25	2,537.28	3,101	457.22	24.88	25.66	26.00
MEAN	.92	.94	1.06	1.07	1.10	1.14	81.8	100	15.2	.80	.86	.84
MAX	.98	1.0	1.2	1.2	1.3	1.6	159	163	82	1.4	.92	.90
MIN	.87	.89	.96	.98	.98	.89	.98	46	.63	.72	.80	.74
AC-FT	56	54	65	64	68	68	5,030	6,150	907	49	51	52
YEAR 1992	TOTAL	6,361.33	MEAN	17.4	MAX	163	MIN	.63	AC-FT	12,620		

NIOBRARA RIVER BASIN

MONTAGUE CANAL from Niobrara River - 1992

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 1992

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

NO WATER DIVERTED IN 1992

NIOBRARA RIVER BASIN

LICHTE CANAL from Niobrara River - 1992

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 1992

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					1.8	0	0	0	0	0		
4					2.7	0	0	0	0	0		
5					3.1	0	0	0	0	0		
6					3.2	0	0	0	0	0		
7					3.1	0	0	0	0	0		
8					2.9	0	0	0	0	0		
9					1.7	0	0	0	0	0		
10					2.0	1.1	0	0	0	0		
11					.11	3.4	0	0	0	0		
12					1.8	3.3	0	0	0	0		
13					4.3	1.6	0	0	0	0		
14					4.3	0	0	0	0	0		
15					3.1	0	0	0	0	0		
16					.52	0	0	0	0	0		
17					2.0	0	0	0	0	0		
18					3.7	0	0	0	0	0		
19					3.8	0	0	0	0	0		
20					2.1	0	0	0	0	0		
21					2.9	0	0	0	0	0		
22					2.6	0	0	0	0	0		
23					2.6	0	0	0	0	0		
24					2.6	0	0	0	0	0		
25					2.3	0	0	0	0	0		
26					.69	0	0	0	0	0		
27					.01	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					59.93	9.4	0	0	0	0		
MEAN					1.93	.31	0	0	0	0		
MAX					4.3	3.4	0	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					119	19	0	0	0	0		
YEAR 1992	MAX	4.3	MIN	0	AC-FT	138						

NIOBRARA RIVER BASIN

MIRAGE FLATS CANAL from Niobrara River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	98	83			
2					0	0	0	101	83			
3					0	0	0	113	83			
4					0	0	0	112	82			
5					0	0	0	113	82			
6					0	0	0	117	61			
7					0	0	0	138	0			
8					0	0	0	139	0			
9					0	0	15	153	0			
10					0	0	110	162	0			
11					0	0	108	152	0			
12					0	0	103	116	0			
13					0	0	104	93	0			
14					0	0	135	89	0			
15					0	0	158	89	0			
16					0	0	154	92	0			
17					0	0	118	84	0			
18					0	0	111	81	0			
19					0	0	113	78	0			
20					0	0	132	77	0			
21					0	0	121	77	0			
22					0	0	88	79	0			
23					0	0	71	87	0			
24					0	0	77	86	0			
25					0	0	94	72	0			
26					0	0	97	59	0			
27					0	0	122	49	0			
28					0	0	128	55	0			
29					0	0	148	51	0			
30		-----			0	0	141	54	0			
31		-----		-----	0	-----	106	68	-----		-----	
TOTAL					0	0	2,554	2,934	474			
MEAN					0	0	82.4	94.6	15.8			
MAX					0	0	158	162	83			
MIN					0	0	0	49	0			
AC-FT					0	0	5,070	5,820	940			
YEAR 1992	MAX	162	MIN	0	AC-FT	11,830						

NIOBRARA RIVER BASIN

POTMESIL CANAL from Niobrara River - 1992

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 = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	.50e	0	0	2.9	0	0		
2				0	2.0 e	0	0	2.9	0	0		
3				0	5.0 e	0	0	3.3	0	0		
4				0	6.0 e	0	0	2.8	0	0		
5				0	6.3	0	0	1.8	0	0		
6				0	6.1	0	0	1.9	0	0		
7				0	6.6	0	0	2.2	0	0		
8				0	5.3	0	0	2.4	0	0		
9				0	6.7	0	0	4.7	0	0		
10				0	.63	0	0	6.1	0	0		
11				0	.14	4.0	2.3	5.6	0	0		
12				0	.08	4.8	4.4	1.5	0	0		
13				0	.08	3.6	4.3	4.2	0	0		
14				0	1.5	6.7	5.3	3.7	0	0		
15				0	7.3	3.4	6.5	3.5	0	0		
16				0	6.9	0	6.1	5.5	0	0		
17				0	6.5	0	5.3	2.5	0	0		
18				0	.53	0	5.1	.62	0	0		
19				0	2.2	0	5.0	3.6	0	0		
20				0	6.0	0	4.5	5.2	0	0		
21				0	5.3	0	3.6	.70	0	0		
22				0	2.4	0	2.9	.58	0	0		
23				0	.86	0	3.2	.48	0	0		
24				0	.79	0	3.2	.31	0	0		
25				0	.57	0	5.2	.13	0	0		
26				0	.44	0	6.0	.13	0	0		
27				0	.25	0	2.0	3.4	0	0		
28				0	0	0	0	4.6	0	0		
29				0	0	0	1.3	4.6	0	0		
30		-----		0	0	0	3.7	5.1	0	0		
31		-----		-----	0	-----	2.8	.09	-----	0	-----	
TOTAL				0	86.97	22.5	82.7	87.04	0	0		
MEAN				0	2.81	.75	2.67	2.81	0	0		
MAX				0	7.3	6.7	6.5	6.1	0	0		
MIN				0	0	0	0	.09	0	0		
AC-FT				0	173	45	164	173	0	0		
YEAR 1992	MAX	7.3	MIN	0	AC-FT	554						

NIOBRARA RIVER BASIN

NIOBRARA RIVER near Gordon - 1992

LOCATION.--NE1/4 Sec. 26-31-42 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Aug. 1928 - Sep. 1932, Oct. 1945 - present

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

e = estimated discharge due to backwater from ice.

a = estimated discharge due to missing gage height record.

EXTREMES FOR CURRENT YEAR.--Peak discharge 512 cubic feet per second on July 29 at gage height 2.15 feet.
Minimum daily discharge 62 cubic feet per second on January 15 and August 15.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	100a	103	111	97	90	89	97	91	69	79	95	94e
2	102a	103	106	97	91	90	116	80	70	78	96	93
3	104	99	99	100	86	88	110	87	70	79	92	92e
4	99	97	108	103	84	91	102	90	70	80	94	88e
5	94	97	124	101	85	85	107	85	89	78	91	90e
6	88	92	123	102	84	85	92	82	81	77	89	90e
7	86e	87	108	99	79	84	89	79	85	85	91	92e
8	64e	87	126	103	74	80	88	78	85	88	95	94e
9	80e	80	127	110	76	77	87	77	81	89	93	94e
10	96e	84	113	109	79	75	109	69	81	88	88	94e
11	100e	87	135	102	84	78	99	68	83	87	89	96e
12	100e	110	155	102	82	75	109	70	82	88	91	96e
13	98e	99	147	115	84	69	121	69	77	86	89	96e
14	96e	97	132	120	83	72	96	62	76	82	94	96e
15	62e	96	129	118	75	77	76	62	79	83	93	96e
16	72e	91	116	113	72	89	74	62	77	85	94	96e
17	80e	88	103	110	69	115	74	68	76	85	92	97
18	90e	90	96	124	72	104	70	73	75	89	94	96e
19	98e	93	101	126	69	115	68	75	74	94	94	96e
20	100e	95	102	120	68	106	72	69	76	93	92	96e
21	104e	96	95	124	68	140	90	65	76	94	93	96e
22	110e	95	101	125	78	136	94	68	74	94	96e	96e
23	126e	97	99	117	77	113	88	85	75	90	96e	96e
24	130e	112	90	102	75	94	80	83	75	86	96e	96e
25	116e	115	88	107	71	87	73	80	73	85	94e	96e
26	126e	111	86	106	73	88	70	86	80	87	94e	96e
27	107	106	93	112	80	112	72	80	78	88	94e	96e
28	93	107	92	108	80	118	96	75	77	87	94e	96e
29	103	108	95	107	79	100	133	70	80	89	94e	96e
30	108	-----	99	105	79	104	249	70	81	91	94e	95
31	102	-----	93	-----	82	-----	136	70	-----	91	-----	96e
TOTAL	3,034	2,822	3,392	3,284	2,428	2,836	3,037	2,328	2,325	2,675	2,791	2,937
MEAN	97.9	97.3	109	109	78.3	94.5	98.0	75.1	77.5	86.3	93.0	94.7
MAX	130	115	155	126	91	140	249	91	89	94	96	97
MIN	62	80	86	97	68	69	68	62	69	77	88	88
AC-FT	6,020	5,600	6,730	6,510	4,820	5,630	6,020	4,620	4,610	5,310	5,540	5,830
YEAR 1992	TOTAL	33,889	MEAN	92.6	MAX	249	MIN	62	AC-FT	67,220		

N I O B R A R A R I V E R B A S I N

MERRITT RESERVOIR from Snake River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	68,560	68,831	68,831	71,907	74,781	74,781	74,781	61,422	53,006	56,487	66,931	68,831
2	68,831	68,831	68,831	71,907	74,781	74,781	74,486	60,909	53,230	56,970	67,474	68,831
3	68,831	68,831	68,831	71,907	74,486	74,781	74,486	60,161	53,454	57,452	67,745	68,831
4	68,831	68,831	68,831	72,193	74,486	74,781	74,486	59,414	53,454	57,693	68,017	68,831
5	68,831	68,831	68,831	72,193	74,486	74,781	74,486	58,915	53,454	57,935	68,288	68,560
6	68,831	68,831	69,110	72,193	74,486	74,781	74,486	58,417	53,454	58,176	68,288	68,560
7	68,831	68,831	69,389	72,480	74,486	74,781	74,199	58,417	53,454	58,666	68,288	68,560
8	68,831	68,831	69,668	72,480	74,486	74,781	73,913	58,417	53,454	58,915	68,288	68,560
9	68,831	68,831	69,947	72,480	75,075	74,781	73,340	58,417	53,454	59,165	68,560	68,831
10	68,831	68,831	69,947	72,766	74,486	74,781	72,766	58,417	53,678	59,663	68,560	68,831
11	68,831	68,831	70,226	72,766	74,486	74,486	72,193	58,417	53,911	60,160	68,560	68,831
12	68,831	68,831	70,226	72,766	74,486	74,486	71,341	57,935	54,143	60,411	68,560	68,831
13	68,831	68,831	70,504	73,053	74,199	74,486	70,783	57,452	54,376	60,909	68,560	68,831
14	68,831	68,831	70,783	73,053	74,199	74,486	70,226	56,729	54,609	61,166	68,560	68,831
15	68,831	68,831	70,783	73,340	74,199	74,781	69,389	56,005	54,842	61,422	68,831	68,831
16	68,831	68,831	71,062	73,340	74,199	74,781	68,560	55,540	54,842	61,679	68,831	68,831
17	68,831	68,831	71,062	73,340	74,486	74,781	67,745	55,307	54,842	61,936	68,831	68,831
18	68,831	68,831	71,062	73,626	74,486	74,781	66,931	54,842	55,074	62,193	68,831	68,831
19	68,831	68,831	71,062	73,626	74,486	75,075	66,117	54,143	55,074	62,706	68,831	68,831
20	69,110	68,831	71,341	73,626	74,486	75,075	65,325	53,678	55,074	62,706	68,831	68,831
21	69,110	68,831	71,341	73,913	74,486	75,075	64,532	53,006	55,307	62,963	68,831	68,831
22	69,110	68,831	71,341	73,913	74,486	75,075	64,004	52,558	55,307	63,740	68,831	68,831
23	69,110	68,831	71,341	73,913	74,486	75,075	64,004	51,885	55,307	64,268	68,831	68,831
24	68,831	68,831	71,341	74,199	74,486	75,075	64,004	51,221	55,540	64,532	68,831	68,831
25	68,831	68,831	71,620	74,199	74,486	75,075	64,004	51,221	55,540	65,061	68,831	68,831
26	68,831	68,831	71,620	74,199	74,781	75,075	64,268	51,437	55,772	65,325	68,831	68,831
27	68,831	68,831	71,620	74,486	74,781	74,781	64,268	51,885	55,772	65,589	68,831	68,831
28	68,831	68,831	71,620	74,486	74,781	74,781	64,004	52,109	55,772	65,863	68,831	68,831
29	69,110	68,831	71,620	74,486	74,781	74,781	63,476	52,333	56,005	66,117	68,831	68,831
30	69,110	-----	71,620	74,781	74,781	74,781	62,706	52,558	56,246	66,388	68,831	68,856
31	68,831	-----	71,620	-----	74,781	-----	62,193	53,006	-----	66,660	-----	68,856
MAX	69,110	68,831	71,620	74,781	75,075	75,075	74,781	61,422	56,246	66,660	68,831	68,856
MIN	68,560	68,831	68,831	71,907	74,199	74,486	62,193	51,221	53,006	56,487	66,931	68,560
CHANGE	271	0	2,789	3,161	0	0	-12,588	-9,187	3,240	10,414	2,171	25.0

YEAR 1992 MEAN 67,399 MAX 75,075 MIN 51,221

NIOBRARA RIVER BASIN

AINSWORTH CANAL from Merritt Reservoir - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						68	157	489	107			
2						68	186	496	141			
3						69	198	522	184			
4						70	227	485	224			
5						70	263	409	226			
6					15	70	361	385	219			
7					124	69	395	176	220			
8					99	66	406	124	141			
9					98	60	452	145	89			
10					110	60	482	217	80			
11					130	59	493	327	76			
12					158	59	500	408	77			
13					170	59	529	438	78			
14					164	59	499	435	91			
15					138	58	508	400	120			
16					111	60	555	407	142			
17					100	60	586	450	137			
18					75	60	558	458	127			
19					70	59	561	469	128			
20					70	59	576	478	127			
21					75	60	533	469	127			
22					82	59	298	448	124			
23					82	66	194	454	116			
24					82	72	187	408	116			
25					81	73	195	96	101			
26					81	73	214	73	93			
27					80	75	278	67	92			
28					80	81	404	67	76			
29					72	86	525	67	76			
30		-----			70	111	572	68	68			
31		-----		-----	69	-----	526	84	-----		-----	
TOTAL					2,486	2,018	12,418	10,019	3,723			
MEAN					95.6	67.3	401	323	124			
MAX					170	111	586	522	226			
MIN					15	58	157	67	68			
AC-FT					4,930	4,000	24,630	19,870	7,380			
YEAR 1992	MAX	586	MIN	15	AC-FT	60,820						

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River - 1992

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 United States Bureau of Reclamation

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	1,420	1,300	1,310			
2					0	0	1,340	1,340	1,310			
3					0	0	1,300	1,360	1,290			
4					0	0	1,310	1,350	1,260			
5					0	0	1,290	1,340	1,260			
6					0	0	1,320	1,350	1,230			
7					0	0	1,390	1,360	1,230			
8					0	0	1,340	1,360	1,220			
9					0	0	1,320	1,380	1,100			
10					0	0	1,370	1,400	764			
11					0	0	1,270	1,410	576			
12					0	0	1,230	1,410	401			
13					0	0	1,300	1,410	0			
14					0	0	1,310	1,420	0			
15					0	0	1,370	1,420	0			
16					0	0	1,400	1,430	0			
17					0	0	1,380	1,440	0			
18					0	0	1,370	1,430	0			
19					0	0	1,370	1,430	0			
20					0	0	1,350	1,430	0			
21					0	30	1,310	1,430	0			
22					0	620	1,270	1,420	0			
23					0	693	1,260	1,400	0			
24					0	738	1,240	1,390	0			
25					0	861	1,230	1,390	0			
26					0	925	1,220	1,370	0			
27					0	1,050	1,220	1,340	0			
28					0	1,160	1,280	1,340	0			
29					0	1,170	1,260	1,350	0			
30		-----			0	1,310	1,240	1,360	0			
31		-----		-----	0	-----	1,250	1,330	-----		-----	
TOTAL					0	8,557	40,530	42,890	12,951			
MEAN					0	285	1,307	1,384	432			
MAX					0	1,310	1,420	1,440	1,310			
MIN					0	0	1,220	1,300	0			
AC-FT					0	16,970	80,390	85,070	25,690			
YEAR 1992	MAX	1,440	MIN	0	AC-FT	208,100						

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River @ Mile Post 85.3 - 1992

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 United States Bureau of Reclamation

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	391	574	557			
2					0	0	449	574	546			
3					0	0	504	590	544			
4					0	0	508	581	542			
5					0	0	536	579	538			
6					0	0	542	579	527			
7					0	0	559	581	529			
8					0	0	592	577	527			
9					0	0	596	568	525			
10					0	0	599	564	531			
11					0	0	570	561	382			
12					0	0	542	564	288			
13					0	0	510	561	200			
14					0	0	506	566	0			
15					0	0	525	566	0			
16					0	0	546	568	0			
17					0	0	574	568	0			
18					0	0	574	553	0			
19					0	0	585	561	0			
20					0	0	596	566	0			
21					0	0	601	557	0			
22					0	0	594	561	0			
23					0	0	590	564	0			
24					0	0	596	561	0			
25					0	24	581	559	0			
26					0	201	588	564	0			
27					0	255	577	561	0			
28					0	293	581	559	0			
29					0	323	590	553	0			
30		-----			0	376	585	557	0			
31		-----		-----	0	-----	572	561	-----		-----	
TOTAL					0	1,472	17,259	17,558	6,236			
MEAN					0	49.1	557	566	208			
MAX					0	376	601	590	557			
MIN					0	0	391	553	0			
AC-FT					0	2,920	34,230	34,830	12,370			
YEAR 1992	MAX	601	MIN	0	AC-FT	84,350						

NORTH PLATTE RIVER BASIN

INTERSTATE CANAL from North Platte River - 1992

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 United States Bureau of Reclamation

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	303	0	1,110	1,700	1,700			
2				0	118	0	1,210	1,700	1,690			
3				0	0	0	1,340	1,700	1,690			
4				0	0	0	1,530	1,700	1,660			
5				0	0	0	1,650	1,740	1,610			
6				0	0	0	1,690	1,780	1,510			
7				0	0	0	1,740	1,790	1,540			
8				0	0	0	1,710	1,790	1,580			
9				0	0	0	1,720	1,790	1,570			
10				0	0	0	1,780	1,860	1,570			
11				0	0	0	1,770	1,880	1,570			
12				0	0	0	1,800	1,870	1,530			
13				397	0	0	1,810	1,860	1,520			
14				652	0	0	1,690	1,850	1,520			
15				875	0	0	1,610	1,850	1,520			
16				927	0	0	1,580	1,850	1,520			
17				936	0	0	1,600	1,850	1,460			
18				942	0	0	1,560	1,840	1,220			
19				948	0	0	1,550	1,850	1,030			
20				924	0	0	1,560	1,840	927			
21				903	0	0	1,500	1,840	930			
22				903	0	0	1,380	1,850	846			
23				909	0	0	1,300	1,840	451			
24				903	0	0	1,280	1,830	0			
25				903	0	0	1,280	1,780	0			
26				897	0	0	1,370	1,720	0			
27				892	0	0	1,500	1,730	0			
28				903	0	328	1,640	1,700	0			
29				912	0	764	1,700	1,650	0			
30		-----		633	0	819	1,690	1,650	0			
31		-----		-----	0	-----	1,680	1,640	-----		-----	
TOTAL				15,359	421	1,911	48,330	55,320	32,164			
MEAN				512	13.6	63.7	1,559	1,785	1,072			
MAX				948	303	819	1,810	1,880	1,700			
MIN				0	0	0	1,110	1,640	0			
AC-FT				30,460	835	3,790	95,860	109,700	63,800			
YEAR 1992	MAX	1,880	MIN	0	AC-FT	304,500						

LAKE ALICE from North Platte - 1992

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

GAGE.--Reference point

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by Pathfinder Irrigation District

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4182.0	11,020
Top of dead storage pool	4059.0	0

DAILY CONTENTS IN ACRE-FEET FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	6,539	2,665	2,092	4,451	1,397	785	411	204
2	0	0	0	0	6,336	2,645	2,370	4,225	1,322	785	415	197
3	0	0	0	0	6,140	2,616	2,499	4,020	1,291	776	404	193
4	0	0	0	0	5,818	2,581	2,630	3,807	1,279	779	378	185
5	0	0	0	0	5,863	2,557	2,860	3,565	1,267	769	372	183
6	0	0	0	0	4,185	2,523	3,206	3,424	1,240	763	365	179
7	0	0	0	0	3,462	2,509	3,543	3,306	1,164	776	356	171
8	0	0	0	0	3,322	2,475	3,818	3,200	1,089	769	350	159
9	0	0	0	0	3,344	2,456	3,964	2,690	953	766	341	156
10	0	0	0	0	3,301	2,441	3,992	2,513	890	756	333	155
11	0	0	0	0	3,264	2,384	3,958	2,342	917	750	327	155
12	0	0	0	0	3,216	2,365	3,919	2,015	1,037	744	318	155
13	0	0	0	0	3,185	2,332	3,919	1,962	1,156	731	310	155
14	0	0	0	0	3,149	2,295	4,128	1,753	1,275	712	304	155
15	0	0	0	0	3,117	2,295	4,427	1,618	1,417	712	296	155
16	0	0	0	252	3,070	2,295	4,692	1,527	1,074	703	290	155
17	0	0	1.0	925	3,024	2,230	4,823	1,458	1,130	694	280	155
18	0	0	1.0	1,584	2,993	2,206	4,907	1,421	1,630	688	277	155
19	0	0	0	2,151	2,685	2,179	4,883	1,369	1,719	682	273	154
20	0	0	0	2,699	2,957	2,147	4,811	1,326	1,848	676	267	151
21	0	0	0	3,154	2,967	2,147	4,805	1,291	2,002	670	260	151
22	0	0	0	3,543	2,926	2,083	4,925	1,263	2,523	658	256	151
23	0	0	0	3,919	2,890	2,097	5,119	1,233	3,034	649	250	151
24	0	0	0	4,254	2,870	2,074	5,279	1,233	3,301	515	247	151
25	0	0	0	4,597	2,840	2,060	5,328	1,310	3,117	628	241	151
26	0	0	0	4,979	2,794	2,033	5,353	1,405	2,606	620	236	151
27	0	0	0	5,248	2,784	2,015	5,272	1,486	1,966	437	227	151
28	0	0	0	5,465	2,754	1,993	5,082	1,551	1,354	430	222	151
29	0	0	0	5,704	2,729	1,958	4,883	1,551	935	420	217	151
30	0	-----	0	6,336	2,724	1,944	4,733	1,514	469	418	212	151
31	0	-----	0	-----	2,695	-----	4,603	1,486	-----	422	-----	151
MAX	0	0	1.0	6,336	6,539	2,665	5,353	4,451	3,301	785	415	204
MIN	0	0	0	0	2,685	1,944	2,092	1,233	469	418	212	151
CHANGE	0	0	0	6,336	-3,641	-751	2,659	-3,117	-1,017	-47.0	-210	-61.0
YEAR 1992			MEAN	1,401	MAX	6,539	MIN	0				

NORTH PLATTE RIVER BASIN

LITTLE LAKE ALICE from North Platte River - 1992

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

GAGE.--Slope gage

PERIOD OF RECORD.--1992

REMARKS.--Values furnished by U. S. Bureau of Reclamation. Record for years before 1992 may be available from the Bureau.

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	43	43	43	43	404	171	146	278	308	103	188	130
2	43	43	43	43	399	170	150	286	302	118	189	125
3	43	43	43	25	391	171	159	296	301	129	188	122
4	43	43	43	17	376	168	169	296	301	140	183	122
5	43	43	43	17	359	168	176	293	301	149	184	125
6	43	43	43	17	337	167	190	290	299	158	184	127
7	43	43	43	17	233	168	191	284	301	164	185	128
8	43	43	43	43	213	167	191	280	298	168	185	129
9	43	43	43	43	213	165	203	279	291	174	184	130
10	43	43	43	24	213	163	201	279	291	180	184	131
11	43	43	43	24	195	158	206	283	294	184	186	131
12	43	43	43	24	192	158	217	281	299	190	183	131
13	43	43	43	24	193	158	219	280	309	194	183	131
14	43	43	43	24	191	157	224	284	319	195	183	132
15	43	43	43	24	190	156	223	292	328	198	183	132
16	43	43	43	24	188	158	215	294	342	200	183	132
17	43	43	43	149	184	157	212	297	307	201	183	132
18	43	43	43	196	183	155	222	303	292	202	183	132
19	43	43	43	222	182	153	240	310	292	202	182	131
20	43	43	43	242	175	150	264	319	293	203	183	131
21	43	43	43	315	185	150	304	317	328	203	182	131
22	43	43	43	361	181	149	333	316	358	202	182	131
23	43	43	43	390	177	148	344	313	382	203	183	130
24	43	43	43	399	177	149	347	308	394	202	183	131
25	43	43	43	404	175	148	342	313	394	200	182	129
26	43	43	43	396	174	147	328	314	384	201	181	128
27	43	43	43	403	175	146	317	315	361	188	180	128
28	43	43	43	404	175	145	301	313	344	189	158	126
29	43	43	43	406	173	143	296	314	261	188	138	125
30	43	-----	43	409	174	145	287	316	150	189	137	125
31	43	-----	43	-----	173	-----	283	314	-----	190	-----	123
MAX	43	43	43	409	404	171	347	319	394	203	189	132
MIN	43	43	43	17	173	143	146	278	150	103	137	122
CHANGE		0	0	366	-236	-28	138	31	-164	40	-53	-14
YEAR 1992			MEAN	169	MAX	409	MIN	17				

NORTH PLATTE RIVER BASIN

WINTERS CREEK LAKE from North Platte River - 1992

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

GAGE.--Reference point

PERIOD OF RECORD.--1992

REMARKS.--Values furnished by U. S. Bureau of Reclamation. Records for years before 1992 may be available from the Bureau.

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

DAILY CONTENTS IN ACRE-FEET FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	839	281	636	523	814	845	639	720	537	615	624	590
2	835	281	632	518	799	816	636	710	534	617	618	590
3	829	282	626	509	789	824	626	706	537	617	618	590
4	826	321	634	506	766	814	620	696	541	618	618	590
5	822	286	634	508	970	803	617	690	539	618	617	590
6	820	318	626	499	957	795	615	680	541	624	618	590
7	826	317	624	489	948	822	607	653	543	628	613	590
8	826	299	630	485	943	781	600	637	537	630	613	590
9	822	302	626	492	948	772	603	626	534	628	611	590
10	816	315	620	490	943	764	607	615	534	628	613	588
11	812	347	613	487	930	756	613	613	532	628	611	588
12	812	376	611	482	928	746	630	596	530	630	607	588
13	812	399	603	474	921	744	624	585	532	630	607	588
14	799	433	603	467	915	740	637	579	534	636	605	588
15	801	467	596	464	917	732	662	565	529	628	605	588
16	793	504	592	462	912	728	686	568	530	628	602	588
17	795	541	592	460	899	714	714	561	530	628	600	588
18	789	574	590	459	888	708	730	557	529	628	600	588
19	783	615	585	454	880	702	748	550	529	624	598	588
20	781	664	577	452	867	698	768	546	539	624	598	588
21	774	657	577	420	884	686	766	537	557	624	590	588
22	774	657	572	475	875	668	760	534	570	624	588	588
23	770	668	563	518	867	672	758	534	574	626	592	588
24	281	664	561	563	865	670	752	534	581	622	592	588
25	347	659	555	611	858	670	754	534	585	622	590	588
26	284	651	552	670	852	670	750	534	592	622	590	588
27	282	647	546	718	852	659	754	534	596	622	590	588
28	282	645	541	653	841	661	748	534	596	628	590	588
29	284	639	536	722	835	651	750	537	605	630	590	588
30	281	-----	530	778	839	637	740	537	611	628	590	588
31	282	-----	529	-----	833	-----	730	537	-----	626	-----	588
MAX	839	668	636	778	970	845	768	720	611	636	624	590
MIN	281	281	529	420	766	637	600	534	529	615	588	588
CHANGE		357	-110	249	55	-196	93	-193	74	15	-36	-2.0
YEAR 1992			MEAN	628	MAX	970	MIN	281				

NORTH PLATTE RIVER BASIN

LAKE MINATARE from North Platte - 1992

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

GAGE.--Staff gage

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by Pathfinder Irrigation District

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4125.0	60,770
Top of dead storage pool	4075.0	300

DAILY CONTENTS IN ACRE-FEET FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	27,277	26,931	26,524	26,151	34,852	38,177	37,603	24,358	10,581	15,056	14,578	14,428
2	27,214	26,946	26,524	26,136	35,480	38,105	37,478	23,780	10,485	15,020	14,566	14,428
3	27,246	26,994	26,477	26,089	36,271	38,213	37,460	23,282	10,294	14,974	14,555	14,428
4	27,230	26,821	26,633	26,089	36,997	38,069	37,353	22,688	10,105	14,927	14,543	14,463
5	27,198	26,805	26,617	26,074	38,015	38,087	37,193	22,131	9,826	14,903	14,566	14,428
6	27,214	26,805	26,571	26,074	38,645	37,997	37,104	21,567	9,643	14,927	14,532	14,440
7	27,340	26,821	26,555	26,043	39,043	38,069	36,926	20,913	9,373	14,927	14,509	14,520
8	27,309	26,805	26,664	26,028	39,043	37,979	36,625	20,351	9,266	14,880	14,532	14,405
9	27,277	26,742	26,696	25,920	39,133	37,925	36,218	19,743	9,108	14,822	14,497	14,394
10	27,198	26,742	26,649	25,966	38,988	37,818	35,743	19,157	8,787	14,798	14,509	14,394
11	27,230	26,805	26,586	25,981	38,898	37,872	35,323	18,488	8,745	14,775	14,509	14,382
12	27,230	26,696	26,571	25,981	38,862	37,872	34,852	17,933	8,508	14,763	14,486	14,440
13	27,261	26,696	26,524	25,904	38,862	37,854	34,262	17,336	8,342	14,810	14,497	14,417
14	27,246	26,680	26,524	25,843	38,807	37,854	33,642	16,785	8,260	14,752	14,463	14,463
15	27,230	26,680	26,493	25,966	38,735	37,854	33,128	16,243	8,260	14,752	14,451	14,405
16	27,167	26,696	26,477	25,966	38,717	37,836	32,583	15,830	8,408	14,694	14,428	14,417
17	27,198	26,680	26,524	25,966	38,573	37,710	32,009	15,351	8,634	14,705	14,440	14,405
18	27,151	26,633	26,539	26,384	38,519	37,693	31,405	14,892	8,813	14,670	14,428	14,405
19	27,104	26,571	26,493	26,868	38,410	37,657	30,939	14,451	9,038	14,636	14,440	14,405
20	27,119	26,586	26,508	27,277	38,410	37,675	30,425	13,961	9,454	14,624	14,451	14,371
21	27,104	26,539	26,508	27,721	38,591	37,585	29,998	13,513	9,965	14,613	14,463	14,417
22	27,088	26,539	26,384	28,440	38,519	37,603	29,458	13,062	10,504	14,601	14,405	14,382
23	27,056	26,742	26,306	29,069	38,447	37,514	29,020	13,019	11,130	14,624	14,497	14,382
24	27,009	26,680	26,353	29,785	38,465	37,603	28,617	12,513	11,769	14,601	14,474	14,313
25	27,041	26,649	26,306	30,491	38,410	37,728	28,167	12,091	12,449	14,589	14,474	14,371
26	27,025	26,586	26,291	31,138	38,356	37,782	27,657	11,656	13,073	14,589	14,474	14,302
27	27,025	26,571	26,275	31,874	38,428	37,657	27,119	11,271	13,669	14,589	14,440	14,313
28	26,994	26,555	26,275	32,600	38,320	37,728	26,649	11,071	14,188	14,636	14,405	14,394
29	26,962	26,524	26,260	33,282	38,195	37,693	26,213	10,873	14,670	14,659	14,474	14,348
30	26,931	-----	26,167	34,021	38,302	37,657	25,521	10,775	14,962	14,624	14,428	14,382
31	26,931	-----	26,244	-----	38,249	-----	24,913	10,678	-----	14,647	-----	14,336
MAX	27,340	26,994	26,696	34,021	39,133	38,213	37,603	24,358	14,962	15,056	14,578	14,520
MIN	26,931	26,524	26,167	25,843	34,852	37,514	24,913	10,678	8,260	14,589	14,405	14,302
CHANGE	-349	-376	-311	7,777	4,228	-592	-12,744	-14,235	4,284	-315	-219	-92.0
YEAR 1992			MEAN	23,901	MAX	39,133	MIN	8,260				

NORTH PLATTE RIVER BASIN

MITCHELL & GERING CANAL from North Platte River - 1992

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.--Total headgate diversions for Mitchell and Gering District lands. Published values prior to 1985 were minus deliveries to Gering Canal and carriage losses.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	110	178	272	281	147		
2					0	154	198	276	280	147		
3					51	151	209	286	279	147		
4					89	147	212	301	280	147		
5					110	151	230	307	280	148		
6					106	148	249	309	280	96		
7					104	147	251	310	282	0		
8					103	143	275	311	200	0		
9					94	137	291	314	153	0		
10					91	38	292	313	46	0		
11					94	0	297	312	0	0		
12					88	0	264	311	0	0		
13					85	0	205	311	0	0		
14					91	0	203	312	0	0		
15					91	0	214	313	0	0		
16					96	69	214	313	0	0		
17					152	103	226	313	0	0		
18					181	99	238	313	0	0		
19					188	99	253	304	0	0		
20					188	99	264	306	0	0		
21					187	98	248	311	0	0		
22					188	98	235	314	101	0		
23					94	102	237	313	156	0		
24					0	104	237	314	154	0		
25					0	117	240	313	149	0		
26					0	139	251	304	148	0		
27					0	151	259	288	151	0		
28					0	149	258	289	166	0		
29					0	155	256	290	158	0		
30		-----			0	154	262	290	147	0		
31		-----		-----	0	-----	268	286	-----	0	-----	
TOTAL					2,471	3,062	7,514	9,419	3,691	832		
MEAN					79.7	102	242	304	123	26.8		
MAX					188	155	297	314	282	148		
MIN					0	0	178	272	0	0		
AC-FT					4,900	6,070	14,900	18,680	7,320	1,650		
YEAR 1992	MAX	314	MIN	0	AC-FT	53,530						

NORTH PLATTE RIVER BASIN

GERING CANAL from North Platte River via Mitchell and Gering Canal - 1992

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. Published values before 1985 were adjusted for carriage losses.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	41	166	174	75	0	0
2					0	0	85	170	171	75	0	0
3					0	0	67	172	164	75	0	0
4					0	0	64	177	166	75	0	0
5					0	0	70	177	170	82	0	0
6					0	0	112	179	167	45	0	0
7					0	0	120	172	168	36	0	0
8					0	0	139	170	145	0	0	0
9					0	0	167	174	61	0	0	0
10					0	0	201	171	0	0	0	0
11					0	0	156	172	0	0	0	0
12					0	0	164	175	0	0	0	0
13					0	0	170	164	0	0	0	0
14					0	0	166	166	0	0	0	0
15					0	0	167	177	0	0	0	0
16					0	0	174	178	0	0	0	0
17					0	0	159	184	0	0	0	0
18					0	0	157	177	0	0	0	0
19					0	0	155	168	0	0	0	0
20					0	0	184	160	0	0	0	0
21					0	0	184	175	0	0	0	0
22					0	0	161	171	0	0	0	0
23					0	0	167	175	22	0	0	0
24					0	0	167	182	70	0	0	0
25					0	0	167	185	63	0	0	0
26					0	0	175	184	57	0	0	0
27					0	0	177	167	72	0	0	0
28					0	0	164	144	97	0	0	0
29					0	0	167	149	92	0	0	0
30		-----			0	31	170	153	75	0	0	0
31		-----		-----	0	-----	171	156	-----	0	-----	0
TOTAL					0	31	4,588	5,290	1,934	463	0	0
MEAN					0	1.03	148	171	64.5	14.9	0	0
MAX					0	31	201	185	174	82	0	0
MIN					0	0	41	144	0	0	0	0
AC-FT					0	61	9,100	10,490	3,840	918	0	0
YEAR 1992	MAX	201	MIN	0	AC-FT	24,410						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from North Platte River - 1992

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. Published values before 1985 were minus Northport Canal uses.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	524	1,110	905			
2					0	0	629	1,110	898			
3					0	0	520	1,130	878			
4					0	0	517	1,120	855			
5					0	0	523	1,110	860			
6					0	0	551	1,120	849			
7					0	0	623	1,120	879			
8					0	0	852	1,120	857			
9					0	0	921	1,120	846			
10					0	0	944	1,120	828			
11					0	0	1,050	1,110	796			
12					0	0	1,140	1,120	773			
13					16	0	1,200	1,120	760			
14					48	0	1,190	1,110	757			
15					113	0	1,200	1,060	690			
16					151	0	1,200	1,050	653			
17					166	0	1,180	1,040	597			
18					192	0	1,180	1,010	564			
19					228	0	1,190	926	568			
20					250	0	1,180	968	566			
21					280	0	1,130	969	545			
22					500	0	1,070	985	234			
23					532	0	1,060	1,000	0			
24					429	0	1,010	1,020	0			
25					136	0	886	1,010	0			
26					0	0	941	981	0			
27					0	0	1,070	953	0			
28					0	0	1,070	948	0			
29					0	83	1,110	939	0			
30		-----			0	344	1,120	928	0			
31		-----	-----		0	-----	1,110	915	-----		-----	
TOTAL					3,041	427	29,891	32,342	16,158			
MEAN					98.1	14.2	964	1,043	539			
MAX					532	344	1,200	1,130	905			
MIN					0	0	517	915	0			
AC-FT					6,030	847	59,290	64,150	32,050			
YEAR 1992	MAX	1,200	MIN	0	AC-FT	162,400						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Sheep Creek - 1992

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 United States Bureau of Reclamation. Data for years before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	26	37	57			
2					0	0	30	38	60			
3					0	0	28	40	60			
4					0	0	28	42	60			
5					0	0	29	42	60			
6					0	0	29	42	60			
7					0	0	27	42	59			
8					0	0	28	41	59			
9					0	0	24	42	62			
10					0	0	24	42	63			
11					0	0	28	41	64			
12					0	0	27	43	63			
13					0	0	32	44	61			
14					0	0	31	44	61			
15					9.0	0	32	44	59			
16					13	0	32	48	57			
17					16	0	34	50	56			
18					16	0	34	50	59			
19					16	0	31	50	51			
20					15	0	36	50	0			
21					19	0	39	49	0			
22					31	0	38	48	0			
23					27	0	36	45	0			
24					0	0	38	46	0			
25					0	0	36	47	0			
26					0	0	38	50	0			
27					0	0	37	50	0			
28					0	0	39	51	0			
29					0	0	39	51	0			
30		-----			0	25	39	51	0			
31		-----		-----	0	-----	38	54	-----		-----	
TOTAL					162.0	25	1,007	1,414	1,131			
MEAN					5.23	.83	32.5	45.6	37.7			
MAX					31	25	39	54	64			
MIN					0	0	24	37	0			
AC-FT					321	50	2,000	2,800	2,240			
YEAR 1992	MAX	64	MIN	0	AC-FT	7,420						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Akers Draw - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					7.3	7.2	7.4	10	10			
2					7.3	7.0	7.0	10	9.4			
3					7.0	6.8	6.9	9.3	8.3			
4					7.0	6.8	6.8	9.1	8.0			
5					7.3	7.1	6.7	8.9	8.5			
6					7.3	7.2	6.8	8.8	8.3			
7					7.3	7.9	7.2	8.5	8.9			
8					7.3	6.8	7.3	8.4	9.7			
9					7.5	6.4	9.3	8.3	9.6			
10					8.0	6.0	9.0	8.3	9.5			
11					7.4	6.2	12	8.1	9.8			
12					7.3	6.8	12	8.3	9.6			
13					7.6	6.4	11	8.4	8.7			
14					8.0	6.5	9.1	8.5	9.2			
15					8.4	6.9	9.6	8.6	9.3			
16					8.9	6.6	9.1	8.8	9.1			
17					8.5	6.2	9.9	8.9	9.2			
18					7.9	6.0	10	9.0	9.8			
19					7.7	6.2	10	7.6	9.7			
20					7.6	6.4	10	8.0	9.5			
21					9.0	6.5	11	8.1	9.6			
22					7.9	6.7	9.7	8.3	9.6			
23					8.1	6.6	9.7	8.7	9.7			
24					8.1	6.7	9.4	9.4	9.8			
25					8.2	6.6	8.2	9.3	9.8			
26					7.9	6.7	8.3	9.0	10			
27					7.3	6.6	9.4	8.3	9.8			
28					7.1	6.8	12	8.5	9.8			
29					7.3	6.8	11	8.5	9.6			
30		-----			7.4	6.9	11	8.5	9.7			
31		-----		-----	7.2	-----	11	8.4	-----		-----	
TOTAL					238.1	200.3	287.8	268.8	281.5			
MEAN					7.68	6.68	9.28	8.67	9.38			
MAX					9.0	7.9	12	10	10			
MIN					7.0	6.0	6.7	7.6	8.0			
AC-FT					472	397	571	533	558			
YEAR 1992	MAX	12	MIN	6.0	AC-FT	2,530						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Dry Spottedtail Creek - 1992

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 United States Bureau of Reclamation. Data for years before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	3.0	10	16			
2					0	0	10	9.0	17			
3					0	0	5.0	14	17			
4					0	0	4.0	14	17			
5					0	0	4.0	13	16			
6					0	0	5.0	13	17			
7					0	0	9.0	14	17			
8					0	0	5.0	13	18			
9					0	0	5.0	10	18			
10					0	0	7.0	10	18			
11					0	0	8.0	11	18			
12					0	0	12	13	19			
13					0	0	15	14	18			
14					0	0	9.0	15	18			
15					0	0	8.0	14	19			
16					0	0	9.0	13	19			
17					0	0	8.0	15	19			
18					0	0	7.0	15	19			
19					0	0	4.0	14	20			
20					2.0	0	10	13	5.0			
21					4.0	0	17	13	0			
22					3.0	0	14	13	0			
23					3.0	0	8.0	14	0			
24					3.0	0	7.0	14	0			
25					0	0	7.0	14	0			
26					0	0	4.0	15	0			
27					0	0	2.0	15	0			
28					0	0	10	14	0			
29					0	0	11	14	0			
30		-----			0	2.0	10	15	0			
31		-----		-----	0	-----	10	16	-----		-----	
TOTAL					15.0	2.0	247.0	414.0	345.0			
MEAN					.48	.067	7.97	13.4	11.5			
MAX					4.0	2.0	17	16	20			
MIN					0	0	2.0	9.0	0			
AC-FT					30	4.0	490	821	684			
YEAR 1992	MAX	20	MIN	0	AC-FT	2,030						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Wet Spottedtail Creek - 1992

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 United States Bureau of Reclamation. Data for years before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					5.0	5.0	4.0	6.0	16			
2					5.0	5.0	6.0	7.0	14			
3					5.0	4.0	3.0	8.0	12			
4					5.0	4.0	0	7.0	12			
5					5.0	4.0	0	6.0	10			
6					5.0	4.0	0	7.0	9.0			
7					4.0	4.0	6.0	7.0	9.0			
8					4.0	4.0	6.0	7.0	13			
9					4.0	4.0	6.0	7.0	13			
10					4.0	4.0	6.0	6.0	15			
11					4.0	4.0	6.0	7.0	16			
12					4.0	4.0	3.0	7.0	17			
13					4.0	4.0	7.0	7.0	17			
14					4.0	4.0	4.0	5.0	19			
15					4.0	4.0	3.0	4.0	16			
16					4.0	4.0	5.0	5.0	15			
17					5.0	4.0	4.0	9.0	18			
18					4.0	4.0	4.0	14	16			
19					4.0	4.0	4.0	13	20			
20					4.0	4.0	8.0	11	19			
21					5.0	4.0	14	12	16			
22					8.0	4.0	10	9.0	15			
23					5.0	4.0	6.0	11	16			
24					5.0	3.0	7.0	14	15			
25					5.0	4.0	7.0	13	14			
26					5.0	3.0	8.0	13	14			
27					5.0	3.0	9.0	9.0	15			
28					5.0	0	9.0	10	15			
29					5.0	4.0	8.0	8.0	14			
30		-----			5.0	4.0	9.0	10	12			
31		-----		-----	5.0	-----	8.0	9.0	-----		-----	
TOTAL					145.0	115.0	180.0	268.0	442.0			
MEAN					4.68	3.83	5.81	8.65	14.7			
MAX					8.0	5.0	14	14	20			
MIN					4.0	0	0	4.0	9.0			
AC-FT					288	228	357	532	877			
YEAR 1992	MAX	20	MIN	0	AC-FT	2,280						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Tub Springs - 1992

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 United States Bureau of Reclamation. Data for years before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	5.0	24	26			
2					0	0	6.0	24	26			
3					0	0	7.0	25	25			
4					0	0	8.0	25	25			
5					0	0	8.0	26	27			
6					0	0	9.0	27	28			
7					0	0	11	27	28			
8					0	0	11	27	28			
9					0	0	12	27	28			
10					0	0	12	26	29			
11					0	0	13	26	30			
12					0	0	16	27	30			
13					0	0	16	27	29			
14					0	0	19	27	29			
15					0	0	20	27	29			
16					0	0	21	27	28			
17					0	0	19	27	29			
18					0	0	21	27	30			
19					0	0	21	27	30			
20					12	0	24	29	10			
21					0	0	28	30	0			
22					0	0	24	29	0			
23					0	0	23	29	0			
24					0	0	21	31	0			
25					0	0	21	31	0			
26					0	0	21	30	0			
27					0	0	22	27	0			
28					0	0	23	27	0			
29					0	0	25	26	0			
30		-----			0	7.0	24	25	0			
31		-----		-----	0	-----	23	25	-----		-----	
TOTAL					12	7.0	534.0	839	544			
MEAN					.39	.23	17.2	27.1	18.1			
MAX					12	7.0	28	31	30			
MIN					0	0	5.0	24	0			
AC-FT					24	14	1,060	1,660	1,080			
YEAR 1992	MAX	31	MIN	0	AC-FT	3,840						

NORTH PLATTE RIVER BASIN

NORTHPORT CANAL from North Platte River via Tri-State Canal - 1992

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 United States Bureau of Reclamation. Published values before 1985 were adjusted by Tri-State Canal losses and contributions from drains.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	255	207			
2					0	0	0	245	207			
3					0	0	87	252	208			
4					0	0	136	259	207			
5					0	0	151	251	210			
6					0	0	153	262	211			
7					0	0	160	256	207			
8					0	0	157	259	215			
9					0	0	207	256	210			
10					0	0	204	255	211			
11					0	0	203	251	199			
12					0	0	202	249	190			
13					0	0	261	248	192			
14					0	0	261	249	192			
15					0	0	256	255	193			
16					0	0	255	253	189			
17					0	0	255	259	160			
18					0	0	262	261	150			
19					0	0	261	238	124			
20					0	0	261	177	98			
21					0	0	263	195	18			
22					0	0	262	208	17			
23					0	0	258	206	5.0			
24					0	0	262	210	0			
25					0	0	256	215	0			
26					0	0	242	207	0			
27					0	0	239	210	0			
28					0	0	261	208	0			
29					0	0	256	208	0			
30		-----			0	0	259	210	0			
31		-----		-----	0	-----	259	212	-----		-----	
TOTAL					0	0	6,549	7,279	3,820.0			
MEAN					0	0	211	235	127			
MAX					0	0	263	262	215			
MIN					0	0	0	177	0			
AC-FT					0	0	12,990	14,440	7,580			
YEAR 1992	MAX	263	MIN	0	AC-FT	35,000						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER passing Tri-State Dam - 1992

LOCATION.--NW1/4NE1/4 Sec. 10-23-58 W. near Henry

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1947 - 1964, 1967 - present

REMARKS.-- e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					143	62	3.6	41	80			
2					141	14	312	34	20 e			
3					95	12	336	99	15 e			
4					47	11	190	123	15 e			
5					24	9.7	95	107	9.2			
6					19	8.9	19	86	9.5			
7					17	8.9	3.9	82	9.9			
8					16	8.7	3.3	101	44			
9					16	8.2	3.6	107	34			
10					15	73	4.1	113	80			
11					14	127	5.3	89	47			
12					13	142	5.8	86	33			
13					10	142	63	49	16			
14					7.0	127	41	39	13			
15					7.0	123	5.7	65	9.6			
16					7.2	55	93	53	7.4			
17					7.4	13	70	187	7.3			
18					5.4	9.7	30	202	7.2			
19					3.2	7.8	27	271	7.7			
20					3.0	7.1	125	144	7.1			
21					3.3	5.7	214	82	7.1			
22					4.4	5.3	142	83	318			
23					5.5	4.9	44	97	535			
24					5.6	4.6	18	145	649			
25					255	4.6	9.3	148	728			
26					306	4.1	9.2	151	486			
27					263	3.4	9.2	108	385			
28					239	2.9	9.2	23	333			
29					214	3.3	21	17	338			
30		-----			189	4.9	58	13	334			
31		-----		-----	178	-----	67	23	-----		-----	
TOTAL					2,273.0	1,013.7	2,037.2	2,968	4,585.0			
MEAN					73.3	33.8	65.7	95.7	153			
MAX					306	142	336	271	728			
MIN					3.0	2.9	3.3	13	7.1			
AC-FT					4,510	2,010	4,040	5,890	9,090			
YEAR 1992	MAX	728	MIN	2.9	AC-FT	25,540						

NORTH PLATTE RIVER BASIN

RAMSHORN CANAL from North Platte River -1992

LOCATION.--NW1/4NE1/4 Sec. 19-23-57 W. near Henry

GAGE.--Continuous stage recorder and weir

PERIOD OF RECORD.--1919 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

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

NO WATER DIVERTED IN 1992

NORTH PLATTE RIVER BASIN

SHEEP CREEK near Morrill - 1992

LOCATION.--NW1/4SW1/4 Sec. 16-23-57 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1931 to present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
a = estimated discharge due to missing gage height record.

EXTREMES FOR CURRENT YEAR.--Peak discharge 132 cubic feet per second on Sep. 20 at gage height 2.72 ft.
Minimum daily discharge 9.8 cubic feet per second on July 4, 6, 7.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	71	63	59	54	45	50	11	12	12	76	74	67
2	71	63	58	54	46	49	10	12	12	72	73	67
3	71	63	59	53	51	47	10	13	12	73	73	66
4	72	63	61	53	48	46	9.8	13	12	74	73	65
5	72	63	60	53	45	46	9.9	13	12	77	72	65
6	71	63	59	54	44	45	9.8	13	11	76	73	67
7	72	62	58	53	44	44	9.8	13	12	87	72	67
8	71	61	60	52	44	44	10	13	11	85	73	67
9	72	62	60	52	44	44	10	13	11	84	70	68
10	72	61	60	53	45	43	10	13	10	85	70	66
11	73	61	60	56	43	41	11	13	11	84	70	65
12	72	61	60	55	42	40	11	12	11	83	70	64
13	72	61	59	56	42	40	11	12	11	84	70	64
14	72	61	58	55	28	41	10	12	11	84	70	63
15	70	60	58	55	31	41	11	12	11	82	70	63
16	71	60	58	55	29	43	11	12	11	81	70	62
17	71	60	57	55	27	44	11	12	11	82	69	62
18	71	60	58	56	26	43	12	12	11	79	67	62
19	71	60	57	55	25	42	12	12	19	78	67	62
20	72	59	58	56	25	41	13	12	61	76	67	61
21	72	59	59	56	25	40	13	13	76	76	65	61
22	71	59	59	56	24	39	13	13	74	75	64	60
23	71	61	59	54	24	40	13	13	73	74	64	60
24	71	59	58	54	43	39	13	13	72	73	64	61
25	71	59	57	54	50	40	13	14	72	73	65	61
26	72	58	53	53	48	39	13	13	72	72	65	61
27	71	59	52	50	48	38	13	13	71	71	67	60
28	70	58	52	48	47	39	13	13	69	71	66	60a
29	70	59	51	48	46	26	13	12	70	74	66	60a
30	69	-----	53	47	46	11	12	12	75	73	66	60a
31	67	-----	54	-----	58	-----	12	12	-----	74	-----	60a
TOTAL	2,205	1,758	1,784	1,605	1,233	1,225	354.3	390	1,007	2,408	2,065	1,957
MEAN	71.1	60.6	57.5	53.5	39.8	40.8	11.4	12.6	33.6	77.7	68.8	63.1
MAX	73	63	61	56	58	50	13	14	76	87	74	68
MIN	67	58	51	47	24	11	9.8	12	10	71	64	60
AC-FT	4,370	3,490	3,540	3,180	2,450	2,430	703	774	2,000	4,780	4,100	3,880
YEAR 1992	TOTAL	17,991.3	MEAN	49.2	MAX	87	MIN	9.8	AC-FT	35,690		

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	75	63	77	106	99	28		
2				0	75	65	94	104	100	0		
3				0	74	67	98	107	95	0		
4				0	75	66	94	104	93	0		
5				0	77	67	90	101	97	0		
6				0	77	67	90	104	100	0		
7				0	74	68	96	107	99	0		
8				0	72	70	99	107	102	0		
9				0	69	68	100	106	107	0		
10				0	67	68	98	104	104	0		
11				0	66	78	100	105	97	0		
12				0	65	78	104	105	92	0		
13				0	64	78	101	104	95	0		
14				0	57	77	100	102	95	0		
15				0	60	76	96	102	93	0		
16				0	58	74	98	102	89	0		
17				0	58	67	104	106	86	0		
18				0	56	65	103	105	83	0		
19				0	54	68	102	101	85	0		
20				0	54	73	103	97	89	0		
21				0	57	72	104	94	93	0		
22				0	81	72	102	98	94	0		
23					66	68	97	98	89	0		
24				49	66	65	95	102	80	0		
25				75	73	74	96	105	78	0		
26				75	74	78	94	104	75	0		
27				74	68	78	95	105	71	0		
28				74	68	77	101	100	69	0		
29				75	68	74	104	98	68	0		
30		-----		75	67	74	108	96	68	0		
31		-----		-----	67	-----	109	96	-----	0	-----	
TOTAL				497	2,082	2,135	3,052	3,175	2,685	28		
MEAN				17.1	67.2	71.2	98.5	102	89.5	.90		
MAX				75	81	78	109	107	107	28		
MIN				0	54	63	77	94	68	0		
AC-FT				986	4,130	4,230	6,050	6,300	5,330	56		
YEAR 1992	MAX	109	MIN	0	AC-FT	27,080						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Morrill Drain - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	3.3	2.0		
2					0	0	0	.17	3.2	0		
3					0	.20	0	.34	3.2	0		
4					0	.32	0	.50	3.1	0		
5					0	.32	0	.67	3.1	0		
6					0	.32	0	.84	3.0	0		
7					0	.32	0	1.0	3.0	0		
8					0	.32	0	1.2	2.9	0		
9					0	.32	0	1.3	2.9	0		
10					0	.32	0	1.5	2.8	0		
11					0	.32	0	1.7	2.8	0		
12					0	.32	0	1.8	2.9	0		
13					0	.32	0	2.0	2.9	0		
14					0	.32	0	2.1	2.9	0		
15					0	.32	0	2.2	2.9	0		
16					0	.32	0	2.3	2.9	0		
17					0	.32	0	2.4	2.9	0		
18					0	.32	0	2.5	3.0	0		
19					0	0	0	2.6	3.0	0		
20					0	0	0	2.7	3.0	0		
21					0	0	0	2.8	3.0	0		
22					0	0	0	2.9	3.0	0		
23					0	0	0	3.0	3.0	0		
24					0	0	0	3.1	3.0	0		
25					0	0	0	3.2	2.9	0		
26					0	0	0	3.3	2.7	0		
27					0	0	0	3.4	2.5	0		
28					0	0	0	3.5	2.3	0		
29					0	0	0	3.4	2.2	0		
30		-----			0	0	0	3.4	2.0	0		
31		-----		-----	0	-----	0	3.3	-----	0	-----	
TOTAL					0	5.00	0	65.12	86.3	0		
MEAN					0	.17	0	2.10	2.88	0		
MAX					0	.32	0	3.5	3.3	0		
MIN					0	0	0	0	2.0	0		
AC-FT					0	9.9	0	129	171	0		
YEAR 1992	MAX	3.5	MIN	0	AC-FT	310						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Dry Spottedtail Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	5.0			
2					0	0	0	0	7.0			
3					1.0	0	0	0	11			
4					1.5	0	0	0	11			
5					2.0	0	0	0	11			
6					2.5	0	0	0	11			
7					3.8	0	0	0	11			
8					4.7	0	0	0	11			
9					4.5	0	0	0	11			
10					4.3	0	0	0	11			
11					4.2	0	0	0	11			
12					4.0	0	0	0	11			
13					3.9	0	1.5	0	11			
14					3.7	0	2.0	0	11			
15					3.4	0	2.5	0	11			
16					3.2	0	3.0	0	11			
17					2.9	0	3.5	0	11			
18					2.7	0	4.0	0	9.0			
19					2.4	0	4.5	0	7.0			
20					2.1	0	4.5	0	5.0			
21					1.9	0	5.0	0	4.0			
22					1.6	0	5.2	0	3.0			
23					1.3	0	5.3	0	1.0			
24					1.1	0	5.3	0	0			
25					.80	0	4.5	0	0			
26					.53	0	3.5	0	0			
27					0	0	2.5	0	0			
28					0	0	1.5	0	0			
29					0	0	1.0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					64.03	0	59.3	0	206.0			
MEAN					2.07	0	1.91	0	6.87			
MAX					4.7	0	5.3	0	11			
MIN					0	0	0	0	0			
AC-FT					127	0	118	0	409			
YEAR 1992	MAX	11	MIN	0	AC-FT	653						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Tub Springs - 1992

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

GAGE.--Staff gage

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

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					3.0	0	0	0	0			
4					7.5	0	0	0	0			
5					7.5	0	0	0	0			
6					7.5	0	0	0	0			
7					7.5	0	0	0	0			
8					7.5	0	0	0	0			
9					7.5	0	0	0	0			
10					7.5	0	0	0	0			
11					7.5	0	0	0	0			
12					7.5	0	0	0	0			
13					7.5	0	0	0	0			
14					7.5	0	0	0	0			
15					7.5	0	0	0	0			
16					7.5	0	0	0	0			
17					7.5	0	0	0	0			
18					7.5	0	0	0	0			
19					7.5	0	0	0	0			
20					7.5	0	0	0	0			
21					7.5	0	0	0	0			
22					7.5	0	0	0	0			
23					7.5	0	0	0	0			
24					7.5	0	0	0	0			
25					4.0	0	0	0	0			
26					1.0	0	0	0	0			
27					0	0	0	0	0			
28					0	0	0	0	0			
29					0	0	0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					165.5	0	0	0	0			
MEAN					5.34	0	0	0	0			
MAX					7.5	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					328	0	0	0	0			
YEAR 1992	MAX	7.5	MIN	0	AC-FT	328						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Winters Creek - 1992

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

GAGE.--Staff gage

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					1.0	1.3	0	1.9	1.8			
2					1.1	1.3	0	1.9	1.7			
3					1.2	1.4	0	2.0	1.6			
4					1.3	1.5	0	2.0	1.6			
5					1.4	1.2	0	2.0	1.5			
6					1.6	1.0	0	2.0	1.5			
7					1.6	.82	0	2.1	1.4			
8					1.6	.62	0	2.1	1.4			
9					1.6	.42	0	2.1	1.3			
10					1.6	0	0	2.1	1.5			
11					1.6	0	0	2.2	1.6			
12					1.6	0	1.0	2.2	1.8			
13					1.6	0	1.0	2.2	1.9			
14					1.5	0	1.0	2.3	2.1			
15					1.5	0	1.2	2.3	2.3			
16					1.4	0	1.2	2.3	2.4			
17					1.3	0	1.3	2.3	2.6			
18					1.2	0	1.4	2.4	2.6			
19					1.2	0	1.5	2.4	2.6			
20					1.1	0	1.5	2.4	2.6			
21					1.0	0	1.5	2.4	2.0			
22					1.0	0	1.5	2.3	1.5			
23					1.0	0	1.6	2.3	1.0			
24					1.0	0	1.6	2.2	0			
25					1.0	0	1.7	2.1	0			
26					1.0	0	1.7	2.1	0			
27					1.0	0	1.7	2.0	0			
28					1.0	0	1.8	2.0	0			
29					1.1	0	1.8	1.9	0			
30		-----			1.2	0	1.8	1.9	0			
31		-----		-----	1.2	-----	1.9	1.8	-----		-----	
TOTAL					39.5	9.56	29.7	66.2	42.3			
MEAN					1.27	.32	.96	2.14	1.41			
MAX					1.6	1.5	1.9	2.4	2.6			
MIN					1.0	0	0	1.8	0			
AC-FT					78	19	59	131	84			
YEAR 1992	MAX	2.6	MIN	0	AC-FT	371						

NORTH PLATTE RIVER BASIN

DRY SPOTTEDTAIL CREEK at Mitchell - 1992

LOCATION.--SE1/4SE1/4 SEC. 20-23-56 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1948 - present

REMARKS.--e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 186 cubic feet per second on May 22 at gage height 1.78 feet.
Minimum daily discharge, 3.2 cubic feet per second on June 30.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23	19	26	20	9.4	12	9.9	36	36	38	31	23
2	23	18	23	20	9.6	11	12	33	35	38	27	24
3	22	18	24	21	7.6	11	22	39	33	36	26	24
4	22	17	25	19	8.0e	12	23	40	30	34	29	20
5	22	17	27	20	8.0e	13	22	38	31	30	28	21
6	21	16	25	18	9.0e	12	24	40	34	32	27	24
7	23	17	23	17	10 e	13	26	41	33	33	27	24
8	21	17	23	15	11 e	13	30	38	32	32	26	23
9	22	17	22	16	11	12	31	40	30	29	24	23
10	22	18	22	16	11	12	47	36	29	30	23	25
11	22	19	21	15	6.7	12	78	37	29	29	22	23
12	22	21	21	15	6.5	12	72	46	27	27	23	23
13	23	25E	21	15	7.6	13	87	60	25	26	26	22
14	22	28E	21	11	8.9	12	52	63	37	29	26	20
15	21	28	20	10	9.4	13	41	57	34	28	25	19
16	23	27	20	11	34	10	43	56	43	29	25	17
17	24	27	21	10	46	8.1	43	54	52	29	26	17
18	22	27	21	14	48	8.7	40	54	59	29	25	22
19	21	29	21	15	55	9.4	35	48	62	28	26	20
20	21	27	21	15	69	10	66	40	64	28	27	20
21	21	26	22	15	72	10	99	35	64	27	25	21
22	21	26	21	15	72	10	104	33	34	25	23	20
23	20	28	21	15	33	11	46	30	26	24	24	18
24	18	30	22	38	32	11	37	31	22	25	26	20
25	20	29	21	29	35	13	36	35	25	25	23	21
26	19	28	22	12	28	12	34	37	22	25	21	20
27	19	27	22	12	16	11	35	40	22	25	22	19
28	18	27	21	9.6	16	12	50	41	22	25	22	18
29	18	27	20	9.5	14	6.9	54	38	25	28	24	18
30	19	-----	20	9.6	14	3.2	56	36	29	27	21	19
31	18	-----	21	-----	13	-----	51	36	-----	29	-----	17
TOTAL	653	680	681	477.7	730.7	329.3	1,405.9	1,288	1,046	899	750	645
MEAN	21.1	23.4	22.0	15.9	23.6	11.0	45.4	41.5	34.9	29.0	25.0	20.8
MAX	24	30	27	38	72	13	104	63	64	38	31	25
MIN	18	16	20	9.5	6.5	3.2	9.9	30	22	24	21	17
AC-FT	1,300	1,350	1,350	948	1,450	653	2,790	2,550	2,070	1,780	1,490	1,280
YEAR 1992	TOTAL	9,585.6	MEAN	26.2	MAX	104	MIN	3.2	AC-FT	19,010		

NORTH PLATTE RIVER BASIN

TUB SPRINGS near Scottsbluff - 1992

LOCATION.--SW1/4SW1/4 Sec. 33-23-55 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1948 - present

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

EXTREMES FOR PERIOD OF RECORD.--Peak 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.--Peak discharge 239 cubic feet per second on June 7, gage height 1.88 feet.
Minimum daily discharge 9.3 cubic feet per second on May 20.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	28	22	21	19	31	49	12	21	36	46	34	29
2	28	22	21	19	20	43	41	23	37	36	33	30
3	28	22	21	19	20	50	58	23	33	36	32	30
4	28	22	23	19	20	70	53	24	33	36	32	30
5	27	22	21	19	19	70	37	25	32	37	33	30
6	27	22	21	19	17	71	22	26	32	37	33	30
7	27	22	20	19	16	84	20	31	30	40	33	30
8	27	22	19	19	19	58	24	25	31	36	32	30
9	29	22	19	19	17	56	23	23	40	33	32	29
10	30	22	19	18	17	47	37	21	43	34	30	29
11	28	22	19	19	23	43	48	25	41	33	30	29
12	28	21	18	19	28	46	57	28	36	33	30	29
13	27	22	18	19	28	46	66	25	39	34	30	29
14	27	21	19	18	26	45	61	24	38	33	30	29
15	26	21	18	19	17	46	50	27	40	32	30	29
16	26	21	18	18	13	45	51	26	44	33	30	29
17	26	21	20	19	13	38	47	28	38	33	30	29
18	26	21	19	18	15	32	43	30	37	37	31	28
19	25	21	19	17	12	30	36	27	31	34	30	28
20	25	21	19	18	9.3	32	47	25	43	32	30	28
21	25	21	19	18	19	27	65	21	53	32	31	27
22	25	22	19	17	34	20	66	23	49	32	30	27
23	24	24	19	17	40	20	57	27	61	33	30	27
24	24	21	19	17	40	16	43	42	54	32	30	27
25	24	21	19	44	50	29	38	50	49	35	30	27
26	23	21	19	87	54	31	37	47	49	34	30	26
27	23	22	19	48	54	31	28	45	50	32	30	26
28	23	22	19	43	56	33	20	42	54	32	30	26
29	23	22	19	45	53	23	24	40	54	33	30	27
30	22	-----	19	40	49	12	26	36	55	36	29	26
31	22	-----	19	-----	50	-----	22	32	-----	35	-----	26
TOTAL	801	628	601	749	879.3	1,243	1,259	912	1,262	1,071	925	876
MEAN	25.8	21.7	19.4	25.0	28.4	41.4	40.6	29.4	42.1	34.5	30.8	28.3
MAX	30	24	23	87	56	84	66	50	61	46	34	30
MIN	22	21	18	17	9.3	12	12	21	30	32	29	26
AC-FT	1,590	1,250	1,190	1,490	1,740	2,470	2,500	1,810	2,500	2,120	1,830	1,740
YEAR 1992	TOTAL	11,206.3	MEAN	30.6	MAX	87	MIN	9.3	AC-FT	22,230		

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					9.0	12	16	32	27			
2					17	11	17	32	27			
3					18	10	19	32	27			
4					18	11	19	32	27			
5					17	11	21	33	27			
6					18	11	25	32	26			
7					21	11	26	32	27			
8					24	11	26	32	27			
9					26	11	26	31	27			
10					28	11	26	31	27			
11					28	11	23	31	28			
12					28	12	23	31	28			
13					29	12	25	31	28			
14					29	12	27	31	28			
15					27	13	28	30	28			
16					28	14	28	31	27			
17					30	14	28	32	26			
18					28	14	28	33	26			
19					23	14	29	33	26			
20					21	14	30	34	26			
21					22	14	30	32	24			
22					19	13	30	32	23			
23					12	14	30	32	23			
24					11	13	30	31	24			
25					11	14	30	28	22			
26					12	14	29	29	20			
27					12	14	28	29	20			
28					11	14	28	28	7.9			
29					11	14	29	27	0			
30		-----			11	14	31	27	0			
31		-----		-----	11	-----	32	27	-----		-----	
TOTAL					610.0	378	817	958	703.9			
MEAN					19.7	12.6	26.4	30.9	23.5			
MAX					30	14	32	34	28			
MIN					9.0	10	16	27	0			
AC-FT					1,210	750	1,620	1,900	1,400			
YEAR 1992	MAX	34	MIN	0	AC-FT	6,880						

WINTERS CREEK CANAL from Winters Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	9.6	15	42	40			
2					0	9.5	13	43	42			
3					0	11	0	47	39			
4					12	9.2	0	46	38			
5					21	10	0	44	38			
6					28	10	22	46	39			
7					33	3.4	35	49	38			
8					34	0	37	47	37			
9					33	0	38	46	37			
10					38	0	32	47	37			
11					38	0	0	48	37			
12					33	0	0	48	36			
13					32	0	20	47	36			
14					30	0	29	48	37			
15					26	0	27	49	37			
16					28	0	31	49	37			
17					29	0	29	50	37			
18					29	4.0	27	50	37			
19					21	6.3	32	49	37			
20					17	6.4	40	49	36			
21					23	6.0	28	48	35			
22					0	9.3	1.6	46	32			
23					0	14	17	48	28			
24					0	9.9	27	50	24			
25					0	15	30	47	30			
26					8.2	14	35	45	29			
27					11	13	40	44	28			
28					11	14	43	42	12			
29					10	15	42	41	0			
30		-----			9.9	14	42	41	0			
31		-----		-----	9.6	-----	42	41	-----		-----	
TOTAL					564.7	203.6	774.6	1,437	970			
MEAN					18.2	6.79	25.0	46.4	32.3			
MAX					38	15	43	50	42			
MIN					0	0	0	41	0			
AC-FT					1,120	404	1,540	2,850	1,920			
YEAR 1992	MAX	50	MIN	0	AC-FT	7,830						

NORTH PLATTE RIVER BASIN

WINTERS CREEK FACTORY LATERAL from Winters Creek - 1992

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

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

PERIOD OF RECORD.--1937 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

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

NO WATER DIVERTED IN 1992

NORTH PLATTE RIVER BASIN

CENTRAL CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	14	35	29	27			
2					0	17	37	36	25			
3					0	25	33	37	24			
4					.70	22	27	35	25			
5					21	24	28	33	26			
6					18	27	28	32	24			
7					19	30	29	33	25			
8					14	27	30	35	25			
9					4.7	30	32	34	24			
10					0	31	28	33	25			
11					0	29	23	34	24			
12					0	30	28	31	23			
13					16	29	27	31	24			
14					23	27	25	30	23			
15					25	29	27	30	23			
16					24	28	33	30	21			
17					24	29	33	29	20			
18					24	28	30	31	21			
19					26	28	31	32	19			
20					28	26	32	34	20			
21					32	40	34	29	22			
22					16	30	28	30	20			
23					12	29	30	28	16			
24					14	33	36	28	5.7			
25					16	30	35	28	0			
26					24	28	33	27	0			
27					17	32	31	26	0			
28					17	27	29	25	0			
29					17	29	27	26	0			
30		-----			16	31	29	26	0			
31		-----		-----	15	-----	29	25	-----		-----	
TOTAL					463.40	839	937	947	531.7			
MEAN					14.9	28.0	30.2	30.5	17.7			
MAX					32	40	37	37	27			
MIN					0	14	23	25	0			
AC-FT					919	1,660	1,860	1,880	1,050			
YEAR 1992	MAX	40	MIN	0	AC-FT	7,370						

NORTH PLATTE RIVER BASIN

WINTERS CREEK near Scottsbluff - 1992

LOCATION.--NW1/4SE1/4 Sec. 30-22-54 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - present

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,160 cubic feet per second, June 21, 1977, gage height 8.07.
 Maximum gage height 9.34 feet, present datum, January 7, 1949, backwater from snowdrifts.
 Minimum daily discharge, 0.9 cubic feet per second, July 5, 1961.

EXTREMES FOR CURRENT YEAR.--Peak discharge 508 cubic feet per second on June 7, gage height 5.95 feet.
 Minimum daily discharge, 5.9 cubic feet per second, June 15.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33	29	38	34	45	37	35	16	46	70	51	44
2	33	28	37	34	48	37	58	17	45	59	51	42
3	33	28	37	34	51	39	97	24	44	54	50	40
4	33	28	38	33	32	36	50	27	45	54	50	39
5	33	28	37	32	19	38	45	23	47	52	49	39
6	33	28	36	33	14	38	26	21	52	53	49	39
7	35	28	36	33	10	94	13	22	56	54	49	39
8	34	28	36	32	7.8	70	9.7	22	53	54	49	39
9	34	28	36	32	7.1	54	8.6	20	52	54	48	40
10	33	28	36	32	11	53	24	20	54	54	49	40
11	33	28	36	33	10	60	65	18	56	52	48	40
12	32	29	36	32	8.4	59	87	19	55	52	50	40
13	32	30	35	34	8.2	54	64	18	53	55	50	39
14	32	34	35	37	6.8	56	41	19	55	54	50	40
15	31	37	34	34	5.9	53	30	21	55	56	48	40
16	32	37	35	34	7.1	51	27	23	63	56	49	39
17	31	37	35	34	8.9	49	27	24	61	55	49	38
18	30	36	34	34	9.9	38	24	27	65	54	48	37
19	30	37	33	34	15	35	20	26	69	53	48	37
20	30	37	33	34	19	38	24	25	69	53	48	36
21	30	37	34	34	19	37	63	23	66	53	48	35
22	29	37	34	34	58	32	82	25	85	53	47	36
23	29	40	34	34	50	30	55	32	131	53	47	35
24	29	37	34	34	60	24	44	33	68	52	48	36
25	29	37	34	34	62	33	35	30	62	51	47	36
26	28	39	34	35	45	32	28	30	59	52	46	36
27	28	38	33	39	42	32	24	29	60	51	46	36
28	28	37	33	55	41	34	22	31	73	51	45	37
29	28	37	33	49	38	34	21	33	73	51	44	37
30	28	-----	34	47	37	34	21	35	71	50	44	37
31	29	-----	34	-----	37	-----	17	39	-----	51	-----	36
TOTAL	962	962	1,084	1,064	833.1	1,311	1,187.3	772	1,843	1,666	1,445	1,184
MEAN	31.0	33.2	35.0	35.5	26.9	43.7	38.3	24.9	61.4	53.7	48.2	38.2
MAX	35	40	38	55	62	94	97	39	131	70	51	44
MIN	28	28	33	32	5.9	24	8.6	16	44	50	44	35
AC-FT	1,910	1,910	2,150	2,110	1,650	2,600	2,360	1,530	3,660	3,300	2,870	2,350
YEAR 1992	TOTAL	14,313.4	MEAN	39.1	MAX	131	MIN	5.9	AC-FT	28,390		

NORTH PLATTE RIVER BASIN

MINATARE CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	41	46	33	90	68	64		
2				0	41	47	35	89	69	60		
3				0	42	46	32	89	65	58		
4				0	47	45	33	91	63	60		
5				0	57	27	34	90	63	63		
6				0	67	40	37	91	64	54		
7				0	73	45	42	92	65	30		
8				0	81	30	55	93	66	20		
9				0	83	25	63	93	69	13		
10				0	82	27	63	93	71	0		
11				0	73	40	61	94	72	0		
12				0	66	49	58	96	71	0		
13				0	65	57	54	94	69	0		
14				0	67	47	57	93	69	0		
15				0	69	46	65	93	65	0		
16				0	69	46	65	93	65	0		
17				0	73	46	70	95	64	0		
18				0	77	40	71	97	64	0		
19				0	77	30	71	98	63	0		
20				0	76	32	71	100	65	0		
21				0	77	29	79	98	67	0		
22				0	74	25	80	97	67	0		
23				0	60	22	71	97	61	0		
24				0	56	20	63	95	55	0		
25				0	43	23	63	94	56	0		
26				0	42	23	62	86	55	0		
27				19	43	23	68	74	51	0		
28				33	44	23	82	72	50	0		
29				36	45	23	90	69	50	0		
30		-----		39	45	24	91	67	54	0		
31		-----		-----	45	-----	91	68	-----	0	-----	
TOTAL				127	1,900	1,046	1,910	2,781	1,896	422		
MEAN				4.23	61.3	34.9	61.6	89.7	63.2	13.6		
MAX				39	83	57	91	100	72	64		
MIN				0	41	20	32	67	50	0		
AC-FT				252	3,770	2,070	3,790	5,520	3,760	837		
YEAR 1992	MAX	100	MIN	0	AC-FT	20,000						

NORTH PLATTE RIVER BASIN

GERING DRAIN near Gering - 1992

LOCATION.--SE1/4NE1/4 Sec. 6-21-54 W.

GAGE.--Continuous stage recorder

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

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 3860 cubic feet per second on July 10 at gage height 12.12 feet.
Minimum daily discharge 14 cubic feet per second March 22, 24, 31, April 1, 2.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22	20	19	14	18	18	63	86	112	30	23	21
2	22	21	19	14	18	17	93	86	100	31	23	21
3	21	20	19	15	18	28	90	97	95	35	23	21
4	21	20	20	15	18	25	79	99	98	35	22	21
5	22	20	21	15	19	24	78	91	108	34	22	20
6	22	20	20	15	18	23	78	93	115	35	22	21
7	22	20	19	15	18	23	89	86	116	51	22	21
8	21	20	18	16	18	23	84	83	134	38	23	21
9	21	20	19	16	17	22	86	81	130	30	22	21
10	21	20	18	15	18	22	375e	80	139	26	22	21
11	21	20	19	15	18	20	410e	78	130	26	22	21
12	21	20	19	15	17	17	175e	76	97	26	22	21
13	20	20	18	15	17	19	191	76	67	26	22	21
14	20	20	17	16	16	18	172	70	53	25	22	20
15	19	20	16	16	16	18	152	72	35e	25	23	20
16	21	20	17	16	16	17	157	74	34e	24	23	20
17	20	19	16	17	16	17	140	81	34e	25	23	20
18	20	19	16	17	16	18	125	78	32	25	22	20
19	20	19	16	17	16	20	109	71	31	25	22	20
20	20	19	15	17	16	20	118	76	30	24	22	20
21	20	19	15	17	18	18	122	75	29	25	22	20
22	20	19	14	17	29	21	122	72	29	24	22	20
23	20	24	15	16	19	18	97	90	29	24	22	20
24	20	21	14	16	31	17	101	104	38	24	22	20
25	20	20	15	17	19	34	96	101	42	24	21	20
26	20	20	15	17	18	21	91	105	33	24	21	20
27	20	19	15	17	17	22	90	102	39	24	21	20
28	20	19	15	17	18	87	78	100	37	25	21	20
29	20	19	15	18	17	98	76	95	49	24	22	19
30	20	-----	15	18	17	83	87	94	38	23	22	19
31	20	-----	14	-----	17	-----	89	102	-----	23	-----	18
TOTAL	637	577	523	481	564	828	3,913	2,674	2,053	860	663	628
MEAN	20.5	19.9	16.9	16.0	18.2	27.6	126	86.3	68.4	27.7	22.1	20.3
MAX	22	24	21	18	31	98	410	105	139	51	23	21
MIN	19	19	14	14	16	17	63	70	29	23	21	18
AC-FT	1,260	1,140	1,040	954	1,120	1,640	7,760	5,300	4,070	1,710	1,320	1,250
YEAR 1992	TOTAL	14,401	MEAN	39.3	MAX	410	MIN	14	AC-FT	28,560		

NORTH PLATTE RIVER BASIN

CASTLE ROCK - STEAMBOAT CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	54	55	65	83	69	50		
2				0	56	54	33	83	69	50		
3				0	57	54	40	84	68	49		
4				0	57	57	40	86	68	48		
5				0	68	56	38	87	68	47		
6				0	74	55	46	88	68	46		
7				0	74	55	57	90	67	46		
8				0	79	56	72	93	68	47		
9				0	74	55	73	98	69	48		
10				0	70	54	72	100	69	44		
11				0	71	53	30	101	69	13		
12				0	74	56	0	100	69	0		
13				0	69	59	0	95	67	0		
14				0	68	52	0	91	64	0		
15				15	62	41	0	88	63	0		
16				18	57	53	29	87	66	0		
17				19	61	54	46	83	65	0		
18				19	65	55	53	76	65	0		
19				20	61	54	60	75	67	0		
20				20	60	53	62	77	70	0		
21				21	54	52	64	83	72	0		
22				22	55	57	63	87	73	0		
23				23	54	59	65	87	72	0		
24				25	53	62	68	84	68	0		
25				28	53	65	69	78	61	0		
26				33	55	63	74	75	59	0		
27				35	57	62	78	74	57	0		
28				42	56	65	80	73	54	0		
29				42	56	67	85	72	52	0		
30		-----		48	56	66	86	70	51	0		
31		-----		-----	56	-----	87	69	-----	0	-----	
TOTAL				430	1,916	1,699	1,635	2,617	1,967	488		
MEAN				14.3	61.8	56.6	52.7	84.4	65.6	15.7		
MAX				48	79	67	87	101	73	50		
MIN				0	53	41	0	69	51	0		
AC-FT				853	3,800	3,370	3,240	5,190	3,900	968		
YEAR 1992	MAX	101	MIN	0	AC-FT	21,330						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Minatare - 1992

LOCATION.--Main channel gage: SW1/4SW1/4 Sec. 18-21-53 W., Nine Mile channel gage: NE1/4SE1/4 Sec. 13-21-54 W.

GAGE.--Continuous stage recorders operated on Main and Nine Mile channels

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 = estimated discharge due to backwater from ice

EXTREMES FOR CURRENT YEAR.--Peak combined channel discharge 2540 cubic feet per second July 11.
Minimum combined channel daily discharge 57 cubic feet per second May 21.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	582	544	501	487	277	357	170	243	458	705	780	672
2	577	544	500	489	252	334	280	225	464	700	772	652
3	577	540	503	485	244	332	512	219	450	688	757	657
4	583	533	520	479	227	316	562	242	424	675	750	643
5	587	529	555	467	205	326	516	245	424	652	752	636
6	589	523	559	458	191	302	466	263	430	645	755	635
7	603	513	539	445	141	285	370	257	430	708	752	643
8	592	507	527	441	110	373	267	248	457	788	753	651
9	584	507	535	445	91	307	244	234	473	779	753	650
10	576	513	528	452	94	288	284	229	486	766	741	654
11	580	520	530	451	94	244	1,470	233	501	779	729	656
12	597	522	530	452	82	220	899	238	470	785	727	658
13	589	524	533	450	70	226	826	251	405	790	725	656
14	579	528	536	446	74	265	670	242	426	800	724	652
15	566	528	533	436	70	267	536	239	415	798	722	655
16	562e	525	526	418	64	245	453	242	403	785	720	654
17	561	524	513	418	66	229	428	277	375	803	718	644
18	563	516	513	426	98	229	403	320	346	798	717	640
19	556	513	531	420	78	206	352	351	342	808	720	637
20	550	513	539	410	68	193	359	389	333	809	716	632
21	551	517	538	410	57	175	485	365	368	805	713	640
22	549	517	524	414	271	175	632	328	455	791	703	639
23	544	575	524	411	317	171	550	341	660	775	702	629
24	554	560	527	400	267	142	458	405	780	768	705	640
25	549	541	519	389	255	189	387	471	892	767	696	640
26	549	526	507	382	314	173	339	524	939	760	683	641
27	547	522	501	371	380	178	320	518	874	751	681	643
28	545	517	494	344	400	243	281	505	794	752	680	643
29	539	507	485	325	397	260	250	460	781	762	687	641
30	539	-----	490	304	377	212	239	433	737	769	677	633
31	540	-----	489	-----	365	-----	240	432	-----	779	-----	618
TOTAL	17,559	15,248	16,149	12,725	5,996	7,462	14,248	9,969	15,792	23,540	21,710	19,984
MEAN	566	526	521	424	193	249	460	322	526	759	724	645
MAX	603	575	559	489	400	373	1,470	524	939	809	780	672
MIN	539	507	485	304	57	142	170	219	333	645	677	618
AC-FT	34,830	30,240	32,030	25,240	11,890	14,800	28,260	19,770	31,320	46,690	43,060	39,640
YEAR 1992	TOTAL	180,382	MEAN	493	MAX	1,470	MIN	57	AC-FT	357,800		

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	18	24	32	44	33	48		
2				0	20	24	37	46	33	48		
3				0	29	27	33	47	31	47		
4				0	27	27	21	49	29	47		
5				0	19	31	19	48	30	19		
6				0	14	31	17	48	31	0		
7				0	6.8	30	15	47	31	0		
8				0	3.8	35	21	44	32	0		
9				0	.71	33	32	41	35	0		
10				0	0	33	34	38	32	0		
11				0	14	31	34	36	29	0		
12				0	26	28	24	38	35	0		
13				0	21	40	32	42	37	0		
14				0	5.1	96	29	43	39	0		
15				0	1.6	4.9	30	43	37	0		
16				0	0	4.4	29	45	36	0		
17				0	0	3.1	30	50	30	0		
18				0	0	3.0	29	54	19	0		
19				0	0	14	26	57	19	0		
20				0	.63	25	28	59	19	0		
21				0	.13	23	32	51	24	0		
22				0	10	22	40	44	29	0		
23				0	32	23	40	39	36	0		
24				0	31	17	38	39	41	0		
25				0	30	22	35	40	46	0		
26				0	30	26	34	39	49	0		
27				0	22	31	34	38	48	0		
28				6.4	16	37	33	37	48	0		
29				13	16	38	35	34	49	0		
30		-----		14	21	37	38	31	49	0		
31		-----		-----	24	-----	40	30	-----	0	-----	
TOTAL				33.4	438.77	820.4	951	1,341	1,036	209		
MEAN				1.11	14.2	27.3	30.7	43.3	34.5	6.74		
MAX				14	32	96	40	59	49	48		
MIN				0	0	3.0	15	30	19	0		
AC-FT				66	870	1,630	1,890	2,660	2,050	415		
YEAR 1992	MAX	96	MIN	0	AC-FT	9,580						

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from Ninemile Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	38	39	25	32	38	32		
2				0	37	39	26	32	37	34		
3				0	38	38	29	31	37	35		
4				0	39	40	26	31	37	36		
5				0	36	45	24	32	37	34		
6				0	37	43	23	32	37	33		
7				0	39	50	24	33	37	35		
8				0	40	34	28	34	38	36		
9				0	39	15	30	34	38	37		
10				0	44	20	30	35	38	37		
11				0	45	22	31	36	38	37		
12				0	46	21	32	35	39	37		
13				0	36	25	35	34	39	37		
14				0	4.8	71	31	34	39	36		
15				0	0	27	28	34	39	36		
16				0	0	26	26	33	39	36		
17				0	0	24	24	34	38	20		
18				0	0	23	24	33	34	0		
19				0	0	23	22	33	34	0		
20				0	0	23	22	32	33	0		
21				0	0	23	24	32	32	0		
22				0	12	23	24	32	32	0		
23				0	34	23	26	33	34	0		
24				0	37	21	28	35	36	0		
25				0	39	23	25	37	32	0		
26				0	36	25	22	40	31	0		
27				0	38	26	22	39	31	0		
28				21	38	26	27	38	29	0		
29				35	37	27	30	38	30	0		
30				38	38	26	32	37	31	0		
31		-----		-----	40	-----	32	37	-----	0	-----	
TOTAL				94	867.8	891	832	1,062	1,064	588		
MEAN				3.13	28.0	29.7	26.8	34.3	35.5	19.0		
MAX				38	46	71	35	40	39	37		
MIN				0	0	15	22	31	29	0		
AC-FT				186	1,720	1,770	1,650	2,110	2,110	1,170		
YEAR 1992	MAX	71	MIN	0	AC-FT	10,710						

NORTH PLATTE RIVER BASIN

NINE MILE CREEK near McGrew - 1992

LOCATION.--SE1/4SE1/4 Sec. 23-21-53 W.

PERIOD OF RECORD.--1932 - present

GAGE.--Continuous stage recorder

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 958 cubic feet per second, June 14, gage height 6.44 feet.
Minimum daily discharge 20 cubic feet per second, May 2, 5-10.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	67	62	55	52	21	34	60	104	146	124	73	68
2	67	62	54	52	20	33	73	90	144	126	71	68
3	66	62	54	52	21	31	112	94	139	120	69	68
4	66	62	55	52	22	31	82	93	135	115	68	67
5	66	62	56	52	20	36	55	95	137	105	68	66
6	66	62	55	51	20	32	47	97	142	83	69	67
7	64	62	54	51	20	143	44	96	143	86	70	66
8	65	61	54	51	20	138	41	93	148	79	69	66
9	63	60	53	51	20	101	49	93	144	77	68	66
10	63	60	52	50	20	79	51	89	138	74	68	67
11	63	59	54	50	21	64	68	87	144	74	68	67
12	63	59	55	50	21	61	106	88	136	74	68	66
13	62	59	54	50	26	92	160	89	127	73	68	65
14	61	59	54	50	49	594	175	93	138	67	68	65
15	60	59	53	50	50	163	150	96	139	65	68	65
16	61	58	53	50	51	113	156	98	136	65	68	65
17	61	58	52	49	51	85	153	110	130	77	68	64
18	60	57	53	50	52	69	116	112	124	86	68	64
19	60	56	53	48	51	65	96	109	126	85	68	63
20	60	56	52	48	50	70	145	110	128	83	68	62
21	59	56	52	48	55	64	184	114	124	81	68	62
22	60	55	52	49	51	62	175	112	137	80	68	62
23	60	58	53	48	33	63	168	113	173	79	68	61
24	60	58	53	50	35	56	167	129	127	79	68	62
25	61	57	52	54	41	61	123	141	123	77	67	62
26	61	56	53	54	26	67	102	156	130	76	67	62
27	61	55	52	44	26	78	100	160	132	75	68	62
28	61	55	52	31	25	70	93	158	128	77	68	61
29	61	54	52	28	24	67	89	147	123	75	68	61
30	61	-----	52	25	27	62	100	148	123	74	68	60
31	62	-----	52	-----	34	-----	102	150	-----	75	-----	58
TOTAL	1,931	1,699	1,650	1,440	1,003	2,684	3,342	3,464	4,064	2,586	2,051	1,988
MEAN	62.3	58.6	53.2	48.0	32.4	89.5	108	112	135	83.4	68.4	64.1
MAX	67	62	56	54	55	594	184	160	173	126	73	68
MIN	59	54	52	25	20	31	41	87	123	65	67	58
AC-FT	3,830	3,370	3,270	2,860	1,990	5,320	6,630	6,870	8,060	5,130	4,070	3,940
YEAR 1992	TOTAL	27,902	MEAN	76.2	MAX	594	MIN	20	AC-FT	55,340		

NORTH PLATTE RIVER BASIN

SHORT LINE CANAL from North Platte River - 1992

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1920 - present

REMARKS.-- e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	16	23	21	28	22	24	6.2	
2				0	14	22	19	25	22	24	0	
3				0	15	20	27	26	21	24	0	
4				0	17	20	17	26	21	23	0	
5				0	15	25	16	26	21	20	0	
6				0	14	22	20	27	20	12	0	
7				0	12	32	19	27	21	13	0	
8				0	11	26	21	26	22	12	0	
9				0	9.7	28	26	24	26	12	0	
10				0	13	30	27	24	31	11	0	
11				0	13	32	27	25	32	12	0	
12				0	18	28	28	25	33	12	0	
13				0	20	30	27	25	32	16	0	
14				0	22	43	27	25	35	19	0	
15				0	5.2	15	15	26	30	20	0	
16				0	0	26	22	26	21	20	0	
17				0	0	20	26	28	20	25	0	
18				0	7.7	15	17	28	16	28	0	
19				0	4.6	19	19	29	16	24	0	
20				0	0	26	41	28	16	13	0	
21				25 e	0	25	35	29	15	12	0	
22				25 e	9.9	24	27	29	15	12	0	
23				25 e	23	22	28	27	20	12	0	
24				25 e	23	19	36	28	16	12	0	
25				26 e	27	21	25	29	15	12	0	
26				26 e	20	20	33	31	16	12	0	
27				26 e	20	9.7	31	27	15	12	0	
28				26 e	21	17	28	21	14	12	0	
29				20 e	19	23	27	20	16	12	0	
30		-----		18 e	19	21	30	21	24	13	0	
31		-----		-----	23	-----	28	23	-----	14	-----	
TOTAL				242	432.1	703.7	790	809	644	499	6.2	
MEAN				8.07	13.9	23.5	25.5	26.1	21.5	16.1	.21	
MAX				26	27	43	41	31	35	28	6.2	
MIN				0	0	9.7	15	20	14	11	0	
AC-FT				480	857	1,400	1,570	1,600	1,280	990	12	
YEAR 1992	MAX	43	MIN	0	AC-FT	8,180						

NORTH PLATTE RIVER BASIN

CHIMNEY ROCK CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	11	54	12	58	42	42		
2				0	7.0	53	15	59	42	44		
3				0	11	52	21	60	42	45		
4				0	25	51	23	61	41	45		
5				0	30	50	23	60	40	45		
6				0	38	50	23	60	40	45		
7				0	44	54	20	74	48	48		
8				0	42	52	17	78	53	34		
9				0	39	48	23	77	53	15		
10				0	47	45	32	78	52	14		
11				0	52	47	37	79	52	14		
12				0	54	46	22	79	50	13		
13				0	56	46	23	78	45	12		
14				0	60	37	22	77	45	13		
15				0	54	24	26	77	45	18		
16				0	56	22	33	77	40	17		
17				0	55	25	35	78	38	17		
18				0	56	23	38	79	42	17		
19				0	55	20	43	79	43	17		
20				0	55	18	46	79	44	17		
21				0	56	21	49	80	41	12		
22				0	60	22	52	80	47	0		
23				0	57	22	50	81	53	0		
24				0	56	19	49	73	54	0		
25				0	57	23	50	69	51	0		
26				0	58	26	51	68	49	0		
27				0	57	23	51	43	48	0		
28				0	53	22	52	43	45	0		
29				7.7	51	20	55	40	44	0		
30	-----			11	52	11	59	40	43	0		
31	-----			-----	54	-----	58	41	-----	0	-----	
TOTAL				18.7	1,458.0	1,026	1,110	2,105	1,372	544		
MEAN				.62	47.0	34.2	35.8	67.9	45.7	17.5		
MAX				11	60	54	59	81	54	48		
MIN				0	7.0	11	12	40	38	0		
AC-FT				37	2,890	2,040	2,200	4,180	2,720	1,080		
YEAR 1992	MAX	81	MIN	0	AC-FT	15,140						

NORTH PLATTE RIVER BASIN

BAYARD SUGAR FACTORY DRAIN near Bayard - 1992

LOCATION.--SE1/4NE1/4 Sec. 5-20-52 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - present

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 391 cubic feet per second on 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 298 cubic feet per second on June 14, gage height 3.57 feet.
Minimum daily discharge, 0.56 cubic feet per second on May 2-4.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16	15	14	15	3.6	1.9	17	24	60	12	25	16
2	15	15	14	15	.56	2.1	15	23	57	11	18	15
3	16	14	14	15	.56	2.1	11	23	55	11	17	16
4	16	14	15	7.4	.56	2.5	6.7	21	51	8.6	17	18
5	16	14	16	2.1	.59	2.5	6.4	21	52	10	17	18
6	16	14	15	1.8	.67	1.5	4.4	27	53	7.1	16	18
7	15	14	15	2.2	.76	25	3.3	31	51	9.9	16	17
8	15	13	15	2.2	.87	135	3.6	30	45	7.2	16	15
9	15	13	15	2.0	.89	21	3.8	30	40	9.5	16	14
10	15	13	16	2.1	.96	6.8	4.8	25	41	24	16	14
11	15	13	17	2.3	.97	5.7	11	22	39	46	16	16
12	15	13	17	2.3	1.1	2.2	5.9	25	41	43	16	16
13	15	13	15	2.3	1.3	2.5	10	30	40	45	16	16
14	15	13	15	2.2	1.8	208	11	30	42	48	17	16
15	14	13	15	2.0	16	112	9.7	38	45	48	16	16
16	15	13	14	1.9	13	52	9.5	42	38	49	16	15
17	15	13	14	1.7	11	39	7.3	44	36	45	16	15
18	15	14E	15	1.3	4.3	21	7.8	44	29	27	16	16
19	15	14E	15	.73	3.9	3.6	7.2	43	25	29	16	15
20	16	14	15	.96	12	3.6	7.0	41	25	25	16	14
21	15	14	15	1.2	12	3.7	11	41	30	23	16	16
22	15	14	15	1.4	8.4	8.0	11	40	29	19	16	16
23	15	19	15	1.1	1.7	6.6	13	42	26	19	16	15
24	15	15	15	.91	1.3	2.0	13	53	22	19	16	15
25	16	14	15	.89	1.3	10	8.6	61	19	19	16	15
26	15	14	15	1.0	1.2	21	6.9	66	20	19	15	14
27	15	13	15	2.0	1.3	59	5.6	67	23	19	15	15
28	15	14	15	2.3	1.4	33	5.9	66	22	21	16	15
29	16	14	15	2.6	1.4	21	7.2	63	23	21	16	15
30	15	-----	14	3.8	1.5	18	15	61	16	20	16	15
31	15	-----	14	-----	1.6	-----	25	61	-----	22	-----	14
TOTAL	472	403	464	99.69	108.49	832.3	284.6	1,235	1,095	736.3	493	481
MEAN	15.2	13.9	15.0	3.32	3.50	27.7	9.18	39.8	36.5	23.8	16.4	15.5
MAX	16	19	17	15	16	208	25	67	60	49	25	18
MIN	14	13	14	.73	.56	1.5	3.3	21	16	7.1	15	14
AC-FT	936	799	920	198	215	1,650	565	2,450	2,170	1,460	978	954
YEAR 1992	TOTAL	6,704.38	MEAN	18.3	MAX	208	MIN	.56	AC-FT	13,300		

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Bayard Sugar Factory Drain - 1992

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

REMARKS.-- e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	28	19	16e	17	12	21		
2				0	16	18	19	22	12	24		
3				.28	21	18	30	26	10	23		
4				5.8	18	20	27	22	7.6	22		
5				7.6	16	23	21	23	8.7	24		
6				8.0	19	19	21	22	9.7	23e		
7				19	19	23	15	22	8.3	22e		
8				20	19	11	20	22	17	22		
9				12	19	18	24	22	25	25		
10				8.5	21	31	24	20	25	21		
11				9.4	17	31	33	22	23	0		
12				11	18	24	29	21	24	0		
13				12	18	25	32	16	22	0		
14				10	24	51	33	17	22	0		
15				9.0	5.6	19	32	18	23	0		
16				9.2	1.3	18	33	18	21	0		
17				9.3	1.4	18	31	19	20	0		
18				9.6	4.6	18	31	18	17	0		
19				10	9.0	18	30	17	17	0		
20				11	0	22	30	14	21	0		
21				16	0	19	33	13	23	0		
22				22	3.3	22	33	13	23	0		
23				18	14	31	34	14	23	0		
24				13	16	24	34	21	22	0		
25				12	20	38	32	25	21	0		
26				15	15	23	34	23	22	0		
27				21	17	.42	34	18	23	0		
28				30	18	.47	35	14	23	0		
29				31	19	4.0 e	36	13	25	0		
30		-----		33	19	16 e	30	13	22	0		
31		-----		-----	17	-----	19	13	-----	0	-----	
TOTAL				392.68	453.2	621.89	885	578	572.3	227		
MEAN				13.1	14.6	20.7	28.5	18.6	19.1	7.32		
MAX				33	28	51	36	26	25	25		
MIN				0	0	.42	15	13	7.6	0		
AC-FT				779	899	1,230	1,760	1,150	1,140	450		
YEAR 1992	MAX	51	MIN	0	AC-FT	7,400						

NORTH PLATTE RIVER BASIN

RED WILLOW CREEK near Bayard - 1992

LOCATION.--NE1/4NE1/4 SEC. 13-20-52 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - present

EXTREMES FOR CURRENT YEAR.--Peak discharge 706 cubic feet per second on June 7, gage height 4.92 feet.
Minimum daily discharge, 19 cubic feet per second on May 31 & June 3.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	51	50	44	41	38	21	73	71	105	61	64	59
2	51	50	44	41	47	21	88	62	109	66	63	59
3	51	50	44	40	41	19	173	67	109	62	62	59
4	51	50	46	40	38	46	132	70	105	61	61	59
5	50	50	50	42	33	54	148	82	97	62	60	60
6	51	49	47	43	27	42	136	82	89	62	59	60
7	53	49	45	42	27	128	82	78	107	63	59	59
8	52	49	47	40	29	54	71	74	109	67	59	59
9	51	48	49	40	33	24	73	70	123	66	60	59
10	52	47	47	40	31	29	70	67	129	58	59	58
11	51	47	48	39	31	36	82	65	135	57	59	58
12	50	47	49	40	30	52	106	62	119	50	59	58
13	50	46	47	40	28	59	132	63	112	46	59	58
14	50	46	46	41	26	207	121	65	112	59	59	58
15	49	46	45	41	23	107	108	68	98	65	59	57
16	50	46	45	41	24	61	124	68	96	68	59	57
17	50	45	46	41	24	45	125	72	84	67	59	57
18	50	44	46	42	24	34	110	70	86	64	59	56
19	50	44	46	42	24	36	131	70	85	64	59	55
20	49	44	46	44	24	38	157	68	96	65	59	55
21	49	44	46	44	23	37	137	67	100	64	58	55
22	49	44	45	44	35	49	185	67	118	62	58	55
23	49	51	44	36	79	76	156	71	133	62	59	55
24	50	48	43	34	186	59	95	87	97	62	60	55
25	50	46	43	34	212	65	74	110	75	61	59	54
26	50	45	43	33	197	121	64	146	74	62	59	54
27	50	45	43	34	121	108	59	140	72	61	59	53
28	50	44	43	31	44	72	65	114	69	64	59	53
29	49	44	42	30	26	84	81	95	64	64	59	53
30	50	-----	43	31	20	77	75	95	58	63	59	52
31	50	-----	42	-----	19	-----	76	92	-----	64	-----	51
TOTAL	1,558	1,358	1,404	1,171	1,564	1,861	3,309	2,478	2,965	1,922	1,785	1,750
MEAN	50.3	46.8	45.3	39.0	50.5	62.0	107	79.9	98.8	62.0	59.5	56.5
MAX	53	51	50	44	212	207	185	146	135	68	64	60
MIN	49	44	42	30	19	19	59	62	58	46	58	51
AC-FT	3,090	2,690	2,780	2,320	3,100	3,690	6,560	4,920	5,880	3,810	3,540	3,470

YEAR 1992 TOTAL 23,125 MEAN 63.2 MAX 212 MIN 19 AC-FT 45,870

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Red Willow Creek - 1992

LOCATION.--MW1/4SW1/4 Sec. 6-20-51 W. near Bayard

GAGE.--Continuous stage recorder and concrete box

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

REMARKS.-- e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	25	22	0	36	39	25		
2				0	20	23	1.6e	35	39	24		
3				0	15	22	3.1e	45	38	25		
4				0	14	10 e	9.0	45	37	26		
5				0	18	6.0 e	18	48	32	27		
6				0	14	20	12	49	40	29		
7				0	21	16 e	19	48	39	24		
8				0	21	0	21	45	47	15		
9				0	28	0	29	42	43	13		
10				0	24	6.9	28	38	37	13		
11				0	20	12	29	43	46	12		
12				0	21	21	40	45	39	11		
13				0	20	26	33	43	45	0		
14				0	19	2.6 e	41	47	38	0		
15				0	21	0	43	48	40	0		
16				0	17	0	41	50	36	0		
17				0	17	0	41	51	34	0		
18				0	16	8.8 e	43	43	29	0		
19				0	16	17	47	36	33	0		
20				0	15	25	42	39	39	0		
21				0	15	26	35	39	41	0		
22				0	1.8e	24	39	47	40	0		
23				0	0	1.2 e	37	49	27	0		
24				0	0	12	42	51	18	0		
25				18	8.1	29	38	50	21	0		
26				15	29 e	22	38	47	25	0		
27				12	31	.70e	39	40	28	0		
28				11	20	0	41	37	27	0		
29				18	19	0	46	39	26	0		
30		-----		23	19	0	39	42	24	0		
31		-----		-----	22	-----	50	35	-----	0	-----	
TOTAL				97	546.9	353.20	984.7	1,352	1,047	244		
MEAN				3.23	17.6	11.8	31.8	43.6	34.9	7.87		
MAX				23	31	29	50	51	47	29		
MIN				0	0	0	0	35	18	0		
AC-FT				192	1,080	701	1,950	2,680	2,080	484		
YEAR 1992	MAX	51	MIN	0	AC-FT	9,170						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	88	108	107	115	122	36		
2				0	31	108	107	122	121	41		
3				0	27	109	108	121	121	0		
4				0	79	110	109	123	120	0		
5				0	81	109	109	123	114	0		
6				0	77	106	109	123	111	0		
7				0	74	105	108	123	111	0		
8				0	66	111	106	123	111	0		
9				0	70	113	105	123	111	0		
10				0	67	110	111	124	111	0		
11				0	63	107	115	126	109	0		
12				0	56	106	117	127	107	0		
13				0	52	104	111	127	106	0		
14				0	63	101	105	126	109	0		
15				0	97	100	113	123	109	0		
16				0	100	96	112	128	109	0		
17				0	87	91	109	130	109	0		
18				0	87	90	108	128	108	0		
19				0	98	90	107	126	107	0		
20				0	96	90	105	126	107	0		
21				0	94	89	110	126	108	0		
22				0	106	89	111	126	110	0		
23				0	115	89	110	126	111	0		
24				0	107	99	109	131	107	0		
25				0	105	114	108	129	108	0		
26				0	104	118	111	130	108	0		
27				0	107	110	107	127	108	0		
28				0	108	109	113	125	108	0		
29					108	110	114	124	106	0		
30		-----		77	108	109	114	124	105	0		
31		-----		-----	108	-----	110	124	-----	0	-----	
TOTAL				77	2,629	3,100	3,398	3,879	3,312	77		
MEAN				2.66	84.8	103	110	125	110	2.48		
MAX				77	115	118	117	131	122	41		
MIN				0	27	89	105	115	105	0		
AC-FT				153	5,210	6,150	6,740	7,690	6,570	153		
YEAR 1992	MAX	131	MIN	0	AC-FT	32,670						

NORTH PLATTE RIVER BASIN

EMPIRE CANAL from North Platte River - 1992

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 - presentREMARKS.--Published as Belmont - Empire Canal, 1951 - 1961
e = Estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	28	9.5	25	28	8.2		
2					0	28	9.5	26	28	0		
3					0	28 e	9.6	26	28	0		
4					7.9	28 e	9.7	26	27	0		
5					29	28 e	9.8	28	26	0		
6					29	27	9.9	30	26	0		
7					29	27	9.9	30	26	0		
8					29 e	20	10	30	29	0		
9					29 e	8.5	10	31	24	0		
10					29 e	8.2	10	31	26	0		
11					28 e	8.1	9.6	28	29	0		
12					23	7.9	9.6	26	26	0		
13					21	10	9.3	27	24	0		
14					28	20	8.7	28	24	0		
15					31	20	9.2	28	24	0		
16					29	19	9.2	29	24	0		
17					29	18	8.4	29	25	0		
18					29	18	8.4	29	24	0		
19					31	18	8.4	29	22	0		
20					31	18	10	28	18	0		
21					28	18	12	29	20	0		
22					26	17	14	29	29	0		
23					27	17	14	29	24	0		
24					27	19	15	30	30	0		
25					27	17	16	31	27	0		
26					28	7.8	16	32	27	0		
27					28	7.7	22	31	28	0		
28					28	8.6	29	30	29	0		
29					28	9.1	27	30	27	0		
30		-----			28	9.1	18	30	24	0		
31		-----		-----	28	-----	19	30	-----	0	-----	
TOTAL					764.9	518.0	390.7	895	773	8.2		
MEAN					24.7	17.3	12.6	28.9	25.8	1.64		
MAX					31	28	29	32	30	8.2		
MIN					0	7.7	8.4	25	18	0		
AC-FT					1,520	1,030	775	1,780	1,530	16		
YEAR 1992	MAX	32	MIN	0	AC-FT	6,640						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Bridgeport - 1992

LOCATION.--Main channel gage and Browns Creek channel gages located in NW1/4NW1/4 Sec. 28-20-50 W.

GAGE.--Continuous stage recorders on Main channel and Browns Creek channel

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 = estimated discharge

a = estimated discharge due to missing gage height record

EXTREMES FOR CURRENT YEAR.--Peak combined channel discharge 1720 cubic feet per second on July 11.
Minimum daily combined channel discharge 68 cubic feet per second on May 18.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	674	771a	673	627	325	338	460	317	648	945	1,150	866a
2	677	759a	667	596	350	339	419	270	663	984	1,150	868a
3	641	739a	650	590	356	322	643	279e	654	979	1,140	868e
4	658	723a	715	572	263	329	827	271e	626	961	1,110	867
5	705	734a	780	579	220	372	847	288	628	944	1,080	985
6	747	733a	793	583	192	344	779	309	623	958	1,000	999
7	770	739a	783	598	171	328	663	333	648	1,020	947	938
8	777	724a	780	605	141	684	550	301	656	1,080	930	958
9	771	712a	814	598	121	486	499	279	672	1,060	925	921
10	786	719	796	589	104	384	468	269	673	1,040	921	916
11	805	774	788	585	96	336	1,060	273	701	1,050	907	930
12	788	791	832	581	91	310	1,040	272	726	1,030	901	955
13	749	826	830	596	69e	316	1,030	274	670	988	900	969
14	729	846	806	597	95a	1,050	986	299	649	971	865	960
15	733e	822	780	600	90a	883	815	336	658	965	869	942
16	734a	788	751	591	90a	569	753	332	653	970	850	886
17	744a	778	721	592	76a	490	705	338	654	983	812	843
18	745a	760	697	592	68a	383a	691	360	608	961	839	828
19	756a	731	710	605	76e	357a	624	389	602	940	845	822
20	757a	727	715	589	82a	310a	610	412	628	942	852	836
21	767a	710	727	602	86a	278a	683	430	640	994	852a	888
22	768a	701	727	610	100a	364a	866	408	683	1,010	852a	843
23	779a	789	683	617	284	341	899	412	819	1,020	854a	834
24	779a	782	677	573	358	281	767	512	933	1,010	856a	881
25	790a	723	691	534	392	304	613	655	951	999	856a	891
26	791a	665	693	508	366	348	489	757	1,030	1,050	858a	899
27	792a	618	688	514	384	682	428	793	1,050	1,070	858a	915
28	794a	631	656	492	418	513	357	742	970	1,070	860a	913
29	803a	667	631	473	367	546	298	676	951	1,100	862a	895
30	783a	-----	657	384	338	501	286	652	913	1,120	864a	951
31	769a	-----	657	-----	332	-----	313	630	-----	1,120	-----	964
TOTAL	23,361	21,482	22,568	17,172	6,501	13,088	20,468	12,868	21,980	31,334	27,565	28,031
MEAN	754	741	728	572	210	436	660	415	733	1,011	919	904
MAX	805	846	832	627	418	1,050	1,060	793	1,050	1,120	1,150	999
MIN	641	618	631	384	68	278	286	269	602	940	812	822
AC-FT	46,340	42,610	44,760	34,060	12,890	25,960	40,600	25,520	43,600	62,150	54,680	55,600

YEAR 1992 TOTAL 246,418 MEAN 673 MAX 1,150 MIN 68 AC-FT 488,800

NORTH PLATTE RIVER BASIN

BROWNS CREEK CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	70	14	83	41	32		
2					0	67	13	85	47	31		
3					0	66	14	85	54	31		
4					0	64	13	84	48	30		
5					0	56	30	83	39	30		
6					0	44	37	80	38	30		
7					0	44	48	77	39	30		
8					0	42	53	74	40	20		
9					0	35	55	74	41	16		
10					0	35	52	76	41	16		
11					0	34	52	77	40	16		
12					0	35	47	77	40	15		
13					0	33	60	77	39	15		
14					0	25	60	83	39	13		
15					18	22	69	93	35	12		
16					8.7	21	70	94	33	12		
17					26	19	76	95	32	12		
18					37	19	75	96	31	12		
19					59	18	75	97	27	11		
20					67	24	78	97	23	11		
21					66	28	84	97	20	0		
22					75	27	83	106	19	0		
23					82	28	82	108	24	0		
24					85	36	83	108	39	0		
25					86	36	83	91	39	0		
26					81	32	81	65	43	0		
27					77	33	82	46	43	0		
28					73	19	85	35	40	0		
29					76	15	86	27	37	0		
30		-----			77	15	83	27	32	0		
31		-----		-----	75	-----	83	32	-----	0	-----	
TOTAL					1,068.7	1,042	1,906	2,429	1,103	395		
MEAN					34.5	34.7	61.5	78.4	36.8	12.7		
MAX					86	70	86	108	54	32		
MIN					0	15	13	27	19	0		
AC-FT					2,120	2,070	3,780	4,820	2,190	783		
YEAR 1992	MAX	108	MIN	0	AC-FT	15,760						

NORTH PLATTE RIVER BASIN

COURTHOUSE ROCK CANAL from Pumpkin Creek - 1992

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 = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	6.2	2.5	5.9	0	0		
2					0	6.0	2.7	5.9	0	0		
3					0	5.8	2.9	6.2	0	0		
4					0	5.7	1.1	6.1	0	0		
5					0	5.8	1.4	5.9	0	0		
6					0	5.8	1.6	5.9	0	0		
7					0	5.8	2.3	6.0	0	0		
8					2.9	5.8	3.7	5.8	0	0		
9					4.1	5.5	4.2	5.7	0	0		
10					4.1	5.4	4.2	5.8	0	0		
11					4.2	5.4	5.0	5.8	0	0		
12					4.5	5.5	5.2	5.4	0	0		
13					5.0	4.5	5.1	5.1	0	0		
14					4.9	4.1	5.6	5.1	0	0		
15					4.9	4.0	6.0 e	5.0	0	0		
16					5.0	4.1	6.0 e	5.0	0	0		
17					5.0	4.0	4.0 e	5.3	0	0		
18					4.9	3.8	0 e	5.3	0	0		
19					5.1	3.8	0 e	4.8	0	0		
20					5.0	3.8	0 e	4.7	0	0		
21					5.1	3.7	0	4.7	.71	0		
22					5.4	3.7	0	4.8	2.5	0		
23					5.2	3.8	0	5.8	4.1	0		
24					5.3	4.0	0	6.3	4.8	0		
25					5.4	4.5	0	5.2	4.8	0		
26					5.3	4.6	1.9	3.3	5.0 e	0		
27					5.6	4.9	6.1	0	5.0 e	0		
28					5.7	5.2	6.4	0	5.0 e	0		
29					5.7	5.7	6.3	0	5.0 e	0		
30		-----			5.7	3.5	6.6	0	5.0 e	0		
31		-----		-----	6.2	-----	6.1	0	-----	0	-----	
TOTAL					120.2	144.4	96.9	140.8	41.91	0		
MEAN					3.88	4.81	3.13	4.54	1.40	0		
MAX					6.2	6.2	6.6	6.3	5.0	0		
MIN					0	3.5	0	0	0	0		
AC-FT					238	286	192	279	83	0		
YEAR 1992	MAX	6.6	MIN	0	AC-FT	1,080						

NORTH PLATTE RIVER BASIN

LAST CHANCE CANAL from Pumpkin Creek - 1992

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

GAGE.--Continuous stage recorder

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

REMARKS.--e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	.88	3.7			
2					0	0	0	1.2	3.6			
3					0	0	0	1.5	3.5			
4					0	0	0	1.6	3.4			
5					0	0	0	2.0	3.6			
6					0	0	0	2.2	3.6			
7					0	0	.07	1.9	3.8			
8					0	0	1.1	1.3	4.0			
9					0	0	1.7	1.1	4.1			
10					0	0	2.3	1.2	4.0			
11					0	0	2.4	1.4	3.8			
12					0	0	2.4	1.5	3.6			
13					0	0	2.4	1.4	3.6			
14					0	0	2.4	1.5	3.6			
15					0	0	2.2	2.2	2.4			
16					0	0	3.2	2.5	0			
17					0	0	3.7	2.2	0			
18					0	0	4.1	1.5	0			
19					0	0	4.1	1.4	0			
20					0	0	4.2	1.3	0			
21					0	0	4.2	2.1	0			
22					0	0	3.7	3.1	0			
23					0	0	4.0 e	2.0 e	0			
24					0	0	4.0 e	2.0 e	0			
25					0	0	3.0 e	2.0 e	0			
26					0	0	3.0 e	2.0 e	0			
27					0	0	2.0	2.0 e	0			
28					0	0	1.9	2.0 e	0			
29					0	0	1.4	2.0 e	0			
30		-----			0	0	1.0	2.0 e	0			
31		-----		-----	0	-----	.94	4.0 e	-----		-----	
TOTAL					0	0	65.41	56.98	54.3			
MEAN					0	0	2.11	1.84	1.81			
MAX					0	0	4.2	4.0	4.1			
MIN					0	0	0	.88	0			
AC-FT					0	0	130	113	108			
YEAR 1992	MAX	4.2	MIN	0	AC-FT	350						

NORTH PLATTE RIVER BASIN

MEREDITH-AMMER CANAL from Pumpkin Creek - 1992

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 = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	1.6	1.8	0	3.0 e		
2					0	0	1.6	1.2	0	3.0 e		
3					0	0	1.6	.92	0	3.0 e		
4					0	0	2.0 e	1.4	0	3.0 e		
5					0	0	2.0 e	1.7	0	2.8		
6					2.5	0	2.5	1.9	0	.96		
7					6.0	0	2.5	2.5	0	0		
8					6.1	0	2.5	2.4	0	.10		
9					6.1	0	3.0	2.6	0	0		
10					5.3	0	3.6	2.6	0	0		
11					4.9	0	3.7	2.6	0	0		
12					4.5	0	3.6	2.6	0	0		
13					4.7	0	3.7	2.6	0	0		
14					4.8	0	3.5	2.6	0	0		
15					4.8	1.2	3.3	2.7	0	0		
16					4.7	3.5	3.3	2.7	0	0		
17					4.4	3.8	3.5	2.9	0	0		
18					3.8	3.8	3.5	2.6	0	0		
19					4.0	3.9	3.6	2.0	0	0		
20					4.1	3.9	3.6	1.7	0	0		
21					4.0	3.8	2.5	1.5	3.8	0		
22					1.1	3.8	2.0	1.4	5.9	0		
23					0	3.8	2.1	2.1	5.9	0		
24					0	5.3	2.1	3.3	6.6	0		
25					0	4.7	2.2	2.0	6.7	0		
26					0	4.7	2.7	2.0 e	4.0 e	0		
27					0	3.7	2.7	2.0 e	3.0 e	0		
28					0	3.0	2.1	2.0 e	3.0 e	0		
29					0	2.9	2.6	0	3.0 e	0		
30		-----			0	1.9	2.8	0	3.0 e	0		
31		-----		-----	0	-----	2.5	0	-----	0	-----	
TOTAL					75.8	57.7	84.5	60.32	44.9	15.86		
MEAN					2.45	1.92	2.73	1.95	1.50	.51		
MAX					6.1	5.3	3.7	3.3	6.7	3.0		
MIN					0	0	1.6	0	0	0		
AC-FT					150	114	168	120	89	31		
YEAR 1992	MAX	6.7	MIN	0	AC-FT	673						

NORTH PLATTE RIVER BASIN

PUMPKIN CREEK near Bridgeport - 1992

LOCATION.--SW1/4 Sec. 12-19-50 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Feb. 1931 - present

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

e = estimated discharge due to backwater from ice.

a = estimated discharge due to missing gage height record.

EXTREMES FOR CURRENT YEAR.--Peak discharge 65 cubic feet per second on May 1 at gage height 2.01 ft.
Minimum daily discharge zero on July 15, 29 to 31, Aug. 1.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10	10	12a	15	61	8.0	9.1	0	25	14	11	6.2e
2	9.4e	10	12a	15	53	7.5	10	.09	29	7.0	11	6.1e
3	9.6e	10	13a	15	12	6.8	11	.61	37	1.0	11	6.1e
4	10	10	13a	15	42	7.4	9.4	1.1	37	.83	11 e	5.0e
5	10	10	13a	14	56	15	10	1.3	37	.72	11 e	5.0e
6	9.9	10	13a	15	53	30	8.6	1.1	28	2.0	12	5.0e
7	8.8e	11	13a	15	46	31	7.1	.60	18	4.2	11	5.0e
8	8.6e	11	14a	15	36	31	5.8	1.2	22	5.9	10	5.0e
9	8.8e	11e	14a	15	30	29	2.2	1.7	29	6.6	10	5.0e
10	9.2e	11	14a	15	44	24	1.3	1.8	29	7.0	9.3	5.0e
11	9.6e	12	14a	15	34	24	2.2	.82	29	6.6	10	5.0e
12	10 e	12	14a	15	17	24	.61	.27	29	7.0	10	5.0e
13	9.8e	11	14	15	1.7	24	.83	.08	26	6.9	10	4.0e
14	9.2e	11	14	15	1.4	27	.32	.06	25	6.7	11	3.0e
15	9.4e	12	14	15	1.4	26	0	.06	24	7.3	9.7	2.6e
16	9.8e	12	15	15	.75	20	.01	.46	27	8.0	9.7	2.4e
17	10 e	11	15	15	10	14	.95	.95	26	8.4	9.9	2.4e
18	9.6e	11	15	14	21	18	1.6	.27	25	7.6	10	2.4e
19	9.8e	11	17	14	1.3	32	1.8	.30	24	7.6	11	2.4e
20	10 e	12	16	15	.29	32	2.2	.23	24	7.3	11	2.4e
21	10 e	12	15	14	.08	32	3.8	.23	19	7.6	11	3.0e
22	10 e	12	15	13	3.8	30	4.9	.35	17	7.9	10	3.5e
23	11 e	14	15	13	6.0	24	3.8	.19	16	8.2	10 e	4.0e
24	11 e	15	16	13	5.5	21	2.0	.17	14	8.7	8.6e	4.5e
25	13	13	16	13	5.8	22	1.5	.14	13	8.8	7.6e	5.0e
26	12	12	15	14	5.4	11	.52	.27	14	9.6	7.4e	6.0e
27	11	12	15	14	5.9	13	.71	8.4	14	8.8	7.2e	7.0e
28	11	12a	16	13	6.3	12	.70	24	15	10	7.0e	8.0e
29	11	12a	16	13	6.2	9.7	0	25	15	11	6.6e	9.0e
30	11	-----	15	14	6.4	10	0	25	16	11	6.5e	8.0e
31	11	-----	15	-----	7.6	-----	0	25	-----	11	-----	7.0e
TOTAL	313.5	333	448	431	580.82	615.4	102.95	121.75	703	225.25	291.5	150.0
MEAN	10.1	11.5	14.5	14.4	18.7	20.5	3.32	3.93	23.4	7.27	9.72	4.84
MAX	13	15	17	15	61	32	11	25	37	14	12	9.0
MIN	8.6	10	12	13	.08	6.8	0	0	13	.72	6.5	2.4
AC-FT	622	661	889	855	1,150	1,220	204	241	1,390	447	578	298
YEAR 1992	TOTAL	4,316.17	MEAN	11.8	MAX	61	MIN	0	AC-FT	8,560		

NORTH PLATTE RIVER BASIN

BEERLINE CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	13	0	9.1	8.8	8.9		
2					0	16	0	10	8.6	9.4		
3					0	13	0	9.2	7.8	8.9		
4					0	6.1	0	9.2	6.8	8.4		
5					0	2.1	0	9.3	5.9	8.0		
6					0	2.0	0	10	5.2	7.9		
7					0	1.9	0	11	1.9	8.6		
8					0	2.7	1.4	10	.92	2.6		
9					0	2.8	2.1	9.8	1.2	0		
10					0	2.6	1.6	8.8	.72	0		
11					0	2.3	2.2	9.0	.52	0		
12					0	2.0	9.6	9.4	.06	0		
13					0	1.9	8.0	9.4	0	0		
14					0	2.9	7.6	5.7	0	0		
15					3.2	3.6	6.7	.17	0	0		
16					11	2.9	6.4	.15	0	0		
17					11	2.8	10	.08	0	0		
18					11	2.7	11	5.6	0	0		
19					11	2.2	9.3	12	0	0		
20					11	2.1	9.0	13	0	0		
21					11	1.8	9.6	13	3.3	0		
22					12	2.2	11	13	5.6	0		
23					13	2.4	11	14	6.9	0		
24					18	14	8.0	15	10	0		
25					18	17	7.4	16	12	0		
26					18	14	6.4	12	12	0		
27					18	8.5	6.5	9.7	13	0		
28					18	2.2	11	9.7	13	0		
29					17	0	9.3	9.6	11	0		
30		-----			17	0	8.7	9.2	10	0		
31		-----		-----	11	-----	7.5	8.8	-----	0	-----	
TOTAL					229.2	149.7	181.3	290.90	145.22	62.7		
MEAN					7.39	4.99	5.85	9.38	4.84	2.02		
MAX					18	17	11	16	13	9.4		
MIN					0	0	0	.08	0	0		
AC-FT					455	297	360	577	288	124		
YEAR 1992	MAX	18	MIN	0	AC-FT	2,100						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from Cedar Creek - 1992

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 = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	11	3.1	3.2	3.2	.75 e			
2				0	11	2.7	3.1	2.9	.70 e			
3				0	11	2.7	2.9	2.6	.52			
4				0	11	3.2	3.2	2.6	.64			
5				0	11	3.4	2.9	2.8	.29			
6				0	10	2.8	2.9 e	3.0	.11			
7				0	9.9	3.0	2.9 e	2.8	.01			
8				0	9.6	3.1	2.9 e	2.8	0			
9				0	8.2	2.6	2.8	2.6	0			
10				0	7.0	2.9	2.7	3.0	0			
11				0	6.1	3.0	3.8	3.0	0			
12				0	2.6	3.2	3.2	2.5	0			
13				0	3.3	3.3	2.4	3.0	0			
14				0	3.8	3.4	2.2	2.9	0			
15				0	4.7	3.4	2.7	2.9	0			
16				0	3.7	3.0	3.4	3.1	0			
17				0	3.3	3.7	3.4	3.6	0			
18				0	3.4	3.3	3.5	3.0	0			
19				0	3.5	3.0	3.5	1.9	0			
20				0	3.5	3.3	3.6	2.3	0			
21				0	3.1	3.1	4.3	3.3	0			
22				0	3.4	3.9	4.1	3.7	0			
23				0	3.7	2.4	2.6	3.4	0			
24				0	2.9	2.6	2.6	2.3	0			
25				0	3.0	3.8	3.4	1.5	0			
26				0	3.1	3.1	3.7	1.0	0			
27				0	3.1	3.2	3.2	.74	0			
28				0	3.0	3.0	2.7	.56	0			
29				0	3.1	3.2	3.3	.41	0			
30		-----		11 e	3.0	3.2	3.0	.26	0			
31		-----		-----	3.7	-----	2.8	.20 e	-----		-----	
TOTAL				11	172.7	93.6	96.9	73.87	3.02			
MEAN				.37	5.57	3.12	3.13	2.38	.10			
MAX				11	11	3.9	4.3	3.7	.75			
MIN				0	2.6	2.4	2.2	.20	0			
AC-FT				22	343	186	192	147	6.0			
YEAR 1992	MAX	11	MIN	0	AC-FT	895						

NORTH PLATTE RIVER BASIN

LISCO CANAL from North Platte River - 1992

LOCATION.--NW1/4MW1/4 Sec. 24-18-47 W. near Lisco

GAGE.--Continuous stage recorder and weir

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

REMARKS.--e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	17	0	54	32	17		
2					0	13	0	48	28	23		
3					0	12	9.2	48	25	25		
4					0	10	18	42	23	27		
5					0	13	0	44	19	14		
6					0	15	0	49	13	0		
7					0	14	9.1	59	10	0		
8					0	18	31	59	9.2	0		
9					0	27	28	53	18	0		
10					0	12	33	37	27	0		
11					0	26	47	50	26	0		
12					0	42	60 e	52	26	0		
13					0	31	41	40	21	0		
14					0	38	42	30	17	0		
15					0	30 e	40	20	20	0		
16					0	14	39	22	22	0		
17					0	0	40	24	21	0		
18					0	0	40	30	21	0		
19					0	0	41	36	22	0		
20					0	6.9	40	36	24	0		
21					0	9.4	42	36	23	0		
22					0	0	47	27	24	0		
23					0	0	53	22	28	0		
24					0	5.6	44	34	39	0		
25					8.6	11	45	24	46	0		
26					11	0	43	40	50	0		
27					17	0	45	35	40	0		
28					13	0	43	38	24	0		
29					15	0	42	34	18	0		
30		-----			14	0	48	30	18	0		
31		-----		-----	20	-----	45	29	-----	0	-----	
TOTAL					98.6	364.9	1,055.3	1,182	734.2	106		
MEAN					3.18	12.2	34.0	38.1	24.5	3.42		
MAX					20	42	60	59	50	27		
MIN					0	0	0	20	9.2	0		
AC-FT					196	724	2,090	2,340	1,460	210		
YEAR 1992	MAX	60	MIN	0	AC-FT	7,020						

NORTH PLATTE RIVER BASIN

MIDLAND-OVERLAND CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	4.1	3.9	12	4.0	3.0		
2					0	4.0	1.8	11	1.7	3.1		
3					0	3.2	1.5	15	.80	3.5		
4					0	2.3	1.1	20	.73	4.5		
5					0	1.9	1.0	17	2.4	5.8		
6					0	1.4	1.0	15	1.9	3.4		
7					0	1.3	4.6	7.1	1.1	.03		
8					0	1.6	6.2	1.6	.95	0		
9					0	5.0	12	1.3	.78	0		
10					0	8.9	12	3.2	.77	0		
11					0	7.7	11	8.4	1.1	0		
12					0	7.9	14	11	1.1	0		
13					0	7.2	14	7.1	.88	0		
14					.44	6.8	14	2.3	.67	0		
15					12	7.0	15	.99	.33	0		
16					16	6.0	16	.92	.33	0		
17					21	.74	12	1.0	.33	0		
18					23	3.3	6.4	3.5	.40	0		
19					22	5.5	5.2	6.8	.43	0		
20					20	4.4	3.9	5.3	.35	0		
21					15	4.0	3.1	3.2	.35	0		
22					21	4.6	2.3	6.6	.65	0		
23					11	5.3	1.6	7.9	.61	0		
24					6.6	5.4	.49	9.6	.91	0		
25					13	9.8	.60	7.1	1.9	0		
26					11	22	.62	1.9	2.0	0		
27					3.6	18	14	1.8	2.9	0		
28					2.9	13	20	2.0	5.0	0		
29					1.9	12	17	2.9	5.3	0		
30		-----			1.7	9.8	15	2.9	4.1	0		
31		-----		-----	2.5	-----	13	2.9	-----	0	-----	
TOTAL					204.64	194.14	244.31	199.31	44.77	23.33		
MEAN					6.60	6.47	7.88	6.43	1.49	.75		
MAX					23	22	20	20	5.3	5.8		
MIN					0	.74	.49	.92	.33	0		
AC-FT					406	385	485	395	89	46		
YEAR 1992	MAX	23	MIN	0	AC-FT	1,810						

NORTH PLATTE RIVER BASIN

PAISLEY CANAL from Blue Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	.12	.14	10	0	16		
2					0	.12	2.0	8.9	0	17		
3					0	.12	1.9	10	0	16		
4					15	.12	1.8	11	0	16		
5					22	.12	2.1	11	0	17		
6					23	.12	1.9	8.6	.26	17		
7					14	.12	2.4	0	8.8	18		
8					14	.12	2.2	0	12	19		
9					15	.12	.98	0	13	19		
10					15	5.4	3.3	7.2	13	18		
11					15	12	6.2	10	12	18		
12					15	15	4.4	11	12	17		
13					15	15	6.0	11	12	17		
14					15	17	6.6	10	12	17		
15					15	4.1	6.9	0	11	17		
16					16	11	8.8	0	11	15		
17					16	15	10	0	9.9	12		
18					10	13	10	0	6.6	11		
19					4.6	14	9.5	5.0	2.4	12		
20					4.5	16	9.0	9.5	.01	11		
21					4.5	16	7.9	10	0	9.8		
22					6.1	16	0	10	0	9.7		
23					8.8	15	3.4	12	0	9.6		
24					9.2	16	6.2	12	0	4.5		
25					7.2	15	7.2	1.8	.35	1.6		
26					6.0	15	7.5	.78	8.5	1.5		
27					7.9	13	7.3	0	10	1.5		
28					7.7	7.7	12	0	13	1.9		
29					7.1	7.2	15	0	16	1.8		
30		-----			4.6	1.1	14	0	16	0		
31		-----		-----	.10	-----	14	0	-----		-----	
TOTAL					313.30	260.58	190.62	169.78	199.82	361.9		
MEAN					10.1	8.69	6.15	5.48	6.66	12.1		
MAX					23	17	15	12	16	19		
MIN					0	.12	0	0	0	0		
AC-FT					621	517	378	337	396	718		
YEAR 1992	MAX	23	MIN	0	AC-FT	2,970						

NORTH PLATTE RIVER BASIN

BLUE CREEK CANAL from Blue Creek & Crescent Lake - 1992

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	5.1	22	35	12	32		
2					0	4.9	15	35	13	32		
3					0	3.4	16	38	12	34		
4					0	2.5	21	39	8.0	30		
5					0	2.4	20	37	10	26		
6					0	2.2	20	28	8.8	27		
7					0	2.2	18	1.1	14	30		
8					0	2.8	19	32	21	28		
9					17	2.8	29	33	16	24		
10					11	2.3	29	34	13	23		
11					20	1.3	33	35	16	23		
12					19	3.6	32	35	16	23		
13					20	6.0	42	36	16	24		
14					26	7.7	35	39	23	23		
15					25	7.1	34	37	18	23		
16					32	2.1	35	36	21	20		
17					36	3.0	33	37	23	17		
18					34	13	33	38	20	17		
19					37	12	34	36	16	17		
20					36	13	36	28	16	17		
21					37	13	31	27	19	18		
22					34	14	0	27	21	5.9		
23					16	12	0	31	21	0		
24					27	11	0	13	21	0		
25					26	16	0	0	21	0		
26					24	16	0	0	21	0		
27					24	29	24	0	27	0		
28					18	22	47	0	32	0		
29					15	25	52	0	31	0		
30		-----			14	26	52	3.5	32	0		
31		-----		-----	8.9	-----	33	10	-----	0	-----	
TOTAL					556.9	283.4	795	780.6	558.8	513.9		
MEAN					18.0	9.45	25.6	25.2	18.6	16.6		
MAX					37	29	52	39	32	34		
MIN					0	1.3	0	0	8.0	0		
AC-FT					1,100	562	1,580	1,550	1,110	1,020		
YEAR 1992	MAX	52	MIN	0	AC-FT	6,920						

NORTH PLATTE RIVER BASIN

HOOPER CANAL from Blue Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	6.7	0	3.7	4.8	0	6.0		
2				0	7.6	0	0	4.1	0	8.8		
3				0	8.3	0	0	7.0	0	6.9		
4				0	11	0	0	9.5	0	0		
5				0	12	0	1.8	10	0	0		
6				0	12	0	4.2	8.0	0	0		
7				0	11	0	4.3	.28	0	0		
8				0	8.3	0	11	3.3	0	0		
9				0	0	0	12	6.0	4.3	0		
10				0	0	0	12	9.5	7.1	0		
11				0	0	0	12	11	5.0	0		
12				0	1.5	3.6	9.9	11	4.2	0		
13				0	2.9	5.7	8.6	11	3.6	0		
14				0	3.8	4.7	7.3	11	1.7	0		
15				0	1.5	.62	7.1	9.6	5.2	0		
16				0	1.2	1.7	4.5	5.6	6.0	0		
17				0	9.7	1.9	3.4	6.8	5.4	0		
18				0	11	1.1	6.2	8.7	6.7	0		
19				0	9.1	1.3	7.4	9.4	4.3	0		
20				0	7.2	1.1	7.6	9.0	5.4	0		
21				0	0	1.2	5.3	4.2	1.1	0		
22				0	0	1.3	.11	4.3	0	0		
23				0	0	1.3	.11	4.6	0	0		
24				0	0	8.4	.11	2.4	0	0		
25				0	0	10	.11	1.6	0	0		
26				0	0	8.1	.11	0	0	0		
27				0	0	0	2.3	0	0	0		
28				0	0	0	8.8	0	0	0		
29				0	0	5.8	11	0	0	0		
30		-----		4.3	0	4.6	11	0	0	0		
31		-----		-----	0	-----	7.1	0	-----	0	-----	
TOTAL				4.3	124.8	62.42	169.05	172.68	60.0	21.7		
MEAN				.14	4.03	2.08	5.45	5.57	2.00	.70		
MAX				4.3	12	10	12	11	7.1	8.8		
MIN				0	0	0	0	0	0	0		
AC-FT				8.5	248	124	335	343	119	43		
YEAR 1992	MAX	12	MIN	0	AC-FT	1,220						

NORTH PLATTE RIVER BASIN

UNION CANAL from Blue Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	8.5	0	8.0	0	16		
2					0	6.7	0	8.0	0	15		
3					0	3.9	0	6.0	0	15		
4					0	1.1	0	6.0	0	17		
5					0	1.3	0	6.0	0	15		
6					0	1.6	7.7	5.8	0	14		
7					0	.64	16	6.8	0	15		
8					0	.06	15	4.2	0	13		
9					0	.12	15	3.8	0	11		
10					0	.22	15	5.4	0	11		
11					0	.31	14	11	0	10		
12					0	.28	12	13	0	8.4		
13					0	.26	15	16	0	0		
14					0	.34	16	16	0	0		
15					12	.69	16	16	0	0		
16					18	.70	15	15	0	0		
17					16	4.7	12	16	0	0		
18					18	9.5	11	13	0	0		
19					20	9.5	9.3	11	0	0		
20					17	9.6	5.5	11	0	0		
21					15	6.6	7.5	13	0	0		
22					16	2.6	1.8	16	0	0		
23					16	4.2	0	14	3.8	0		
24					12	3.8	0	5.3	9.8	0		
25					11	0	0	3.9	14	0		
26					6.3	0	0	1.4	13	0		
27					6.0	0	0	0	11	0		
28					7.0	0	0	0	13	0		
29					5.5	0	5.0	0	17	0		
30		-----			7.0	0	8.0	0	17	0		
31		-----		-----	8.1	-----	8.0	0	-----	0	-----	
TOTAL					210.9	77.22	224.8	251.6	98.6	160.4		
MEAN					6.80	2.57	7.25	8.12	3.29	5.17		
MAX					20	9.6	16	16	17	17		
MIN					0	0	0	0	0	0		
AC-FT					418	153	446	499	196	318		
YEAR 1992	MAX	20	MIN	0	AC-FT	2,030						

NORTH PLATTE RIVER BASIN

GRAF CANAL from Blue Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	3.1	11	0	1.8		
2					0	0	3.3	12	0	0		
3					0	0	3.3	13	0	0		
4					1.0	0	3.1	13	0	0		
5					1.6	0	2.9	12	0	0		
6					4.1	0	2.8	9.5	0	0		
7					7.5	0	2.6	0	0	0		
8					8.7	0	2.5	0	0	0		
9					7.1	0	2.3	4.0	0	0		
10					8.8	0	2.1	10	0	0		
11					8.2	0	2.0	0	0	0		
12					10	0	2.0	0	0	0		
13					13	0	6.3	0	5.9	0		
14					13	0	9.1	0	10	0		
15					11	0	8.9	0	10	0		
16					9.3	0	9.0	0	9.9	0		
17					2.2	0	9.5	0	9.8	0		
18					3.0	0	13	3.2	9.8	0		
19					9.2	0	13	10	10	0		
20					9.7	0	14	10	11	0		
21					9.3	0	12	11	10	0		
22					15	0	5.3	11	10	0		
23					16	0	5.3	11	10	0		
24					14	0	5.2	6.0	9.9	0		
25					8.8	.80	6.3	0	9.6	0		
26					5.4	6.7	7.3	0	9.4	0		
27					1.7	5.6	7.8	0	8.8	0		
28					0	3.2	8.2	0	8.0	0		
29					0	3.1	9.7	0	7.0	0		
30		-----			0	3.1	8.4	0	6.7	0		
31		-----		-----	0	-----	10	0	-----	0	-----	
TOTAL					197.6	22.50	200.3	146.7	165.8	1.8		
MEAN					6.37	.75	6.46	4.73	5.53	.058		
MAX					16	6.7	14	13	11	1.8		
MIN					0	0	2.0	0	0	0		
AC-FT					392	45	397	291	329	3.6		
YEAR 1992	MAX	16	MIN	0	AC-FT	1,460						

NORTH PLATTE RIVER BASIN

BLUE CREEK near Lewellen - 1992

LOCATION.--NE1/4 Sec. 30-16-42 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1930 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated dischargeEXTREMES FOR CURRENT YEAR.--Peak discharge 147 cubic feet per second on August 7 at gage height 3.80 feet.
Minimum daily discharge was zero May 20 - 24.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	94	99	90	85	82	85	58	1.5	80	11	97	87e
2	93	98	90	86	79	86	76	2.0	79	11	94	86e
3	91	95	90	88	79	84	77	3.1	77	11	94	86e
4	91	93	95	87	68	83	66	3.0	72	16	91	84e
5	93	92	110	86	57	79	64	2.8	73	24	88	80e
6	93	92	109	87	52	76	54	12	73	24	89	86e
7	92e	91	100	86	49	75	44	115	65	24	89	84e
8	92e	93	97	86	49	78	35	63	47	27	91	88e
9	80e	89	115	86	43	78	20	45	43	33	93	90e
10	86e	90	102	87	49	74	16	20	43e	33	92	92e
11	90e	90	108	87	37	61	14	18	40e	32	92	87
12	90e	87	113	86	32	50	19	10	38e	34	93	89
13	92e	89	105	85	27	44	12	5.0	38e	41	92	91
14	90e	91	99	89	19	46	5.9	5.8	36e	41	90	86e
15	70e	90	94	97	12	70	5.3	25	38e	41	91	84e
16	84e	90	92	98	6.7	70	4.5	29	36	45	91	84e
17	90e	93	90	93	2.4	59	8.3	31	34	52	93	86e
18	92e	95	88	94	1.0	39	3.2	26	36	53	93	84e
19	96e	95	88	92	.25	35	2.4	13	45	54	94	84e
20	94	94	90	87	0	33	3.4	11	47	53	94	84e
21	95	94	88	87	0	35	8.6	13	48	56	94	86e
22	95	95	85	89	0	42	88	12	46	63	91	88e
23	95	102	86	89	0	42	81	14	44	70	92	80e
24	95	114	88	84	0	35	75	70	39	73	93	84e
25	100	103	86	87	25 e	45	74	118	33	78	93	86e
26	101	94	86	88	42 e	39	72	112	29	80	92e	82e
27	99	92	84	90	47 e	63	60	106	21	81	90e	82e
28	101	90	90	91	53	66	28	97	15	83	90e	82e
29	99	90	100	91	58	55	6.1	93	12	87	93	80e
30	99	-----	93	87	59	57	1.2	87	12	92	92e	86e
31	100	-----	88	-----	68	-----	1.3	79	-----	95	-----	84e
TOTAL	2,872	2,720	2,939	2,655	1,096.35	1,784	1,083.2	1,242.2	1,339	1,518	2,761	2,642
MEAN	92.6	93.8	94.8	88.5	35.4	59.5	34.9	40.1	44.6	49.0	92.0	85.2
MAX	101	114	115	98	82	86	88	118	80	95	97	92
MIN	70	87	84	84	0	33	1.2	1.5	12	11	88	80
AC-FT	5,700	5,400	5,830	5,270	2,170	3,540	2,150	2,460	2,660	3,010	5,480	5,240
YEAR 1992	TOTAL	24,651.75	MEAN	67.4	MAX	118	MIN	0	AC-FT	48,900		

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Lewellen - 1992

LOCATION.--SE1/4NW1/4 Sec. 34-16-42 W.

GAGE.--Continuous stage recorder

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

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991
e = estimated discharge due to backwater from ice

EXTREMES FOR CURRENT YEAR.--Peak discharge 1380 cubic feet per second March 9 at gage height 5.31 feet.
Minimum daily discharge 81 cubic feet per second on May 21.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,030	950	924	918	631	513	629	346	1,010	993	1,250	980e
2	1,050	920	900	868	573	494	699	329	1,040	958	1,220	900e
3	1,020	925	891	891	565	457	663	326	946	969	1,190	900e
4	1,020	932	996	866	564	441	599	353	902	952	1,180	880e
5	998	920	1,180	860	530	445	706	360	880	952	1,130	880e
6	985	911	1,210	916	488	462	821	310	838	934	1,100	840e
7	1,030	896	1,150	930	448	486	827	497	798	992	1,130	820e
8	1,010	896	1,110	863	414	504	775	409	788	1,050	1,150	860e
9	800e	900	1,300	809	373	479	641	373	792	1,040	1,130	860e
10	900e	928	1,200	821	337	621	556	333	803	1,100	1,100	860e
11	1,000e	932	1,090	804	311	603	499	313	845	1,110	1,040	880e
12	1,060e	887	1,180	798	280	556	513	312	830	1,100	1,040	860e
13	1,100e	929	1,220	789	252	513	1,040	291	846	1,040	1,040	860e
14	1,100e	919	1,150	792	225	531	1,080	280	892	1,090	1,060	840e
15	1,080e	941	1,100	908	194	673	1,070	281	858	1,100	1,080	840e
16	1,060e	952	1,050	918	171	1,140	1,020	299	826	1,120	1,070	860e
17	1,040e	978	1,030	870	145	990	918	356	805	1,120	1,070	860e
18	1,020e	976	1,030	884	123	739	846	408	765	1,110	1,060	860e
19	1,020e	962	1,010	923	106	631	771	373	766	1,120	1,040	840e
20	1,020e	964	997	901	92	596	736	354	761	1,120	1,040	820e
21	1,020e	964	978	876	81	582	723	359	763	1,140	1,040	840e
22	1,000e	972	959	853	96	547	864	366	766	1,180	1,020	840e
23	1,000e	1,020	979	850	122	517	828	380	761	1,190	1,020	840e
24	1,000e	1,130	967	838	123	471	930	509	751	1,170	980e	840e
25	1,020e	1,100	927	805	134	518	914	774	825	1,150	960e	840e
26	1,020e	1,010	949	783	186	502	778	784	896	1,150	960e	860e
27	1,020e	965	962	845	286	672	644	839	934	1,150	960e	860e
28	1,000e	955	1,030	829	374	695	508	906	996	1,160	940e	860e
29	1,000e	931	1,110	804	411	682	441	964	999	1,190	900e	860e
30	1,000e	-----	1,010	773	402	650	415	979	950	1,210	900e	860e
31	980e	-----	975	-----	412	-----	417	954	-----	1,210	-----	860e
TOTAL	31,403	27,665	32,564	25,585	9,449	17,710	22,871	14,717	25,632	33,870	31,800	26,660
MEAN	1,013	954	1,050	853	305	590	738	475	854	1,093	1,060	860
MAX	1,100	1,130	1,300	930	631	1,140	1,080	979	1,040	1,210	1,250	980
MIN	800	887	891	773	81	441	415	280	751	934	900	820
AC-FT	62,290	54,870	64,590	50,750	18,740	35,130	45,360	29,190	50,840	67,180	63,080	52,880
YEAR 1992	TOTAL	299,926	MEAN	819	MAX	1,300	MIN	81	AC-FT	594,900		

NORTH PLATTE RIVER BASIN

KINGSLEY RESERVOIR from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,030,000	1,073,600	1,118,400	1,173,500	1,204,000	1,152,600	1,134,300	1,053,900	953,600	964,100	1,006,400	1,049,500
2	1,032,200	1,075,800	1,118,400	1,173,500	1,204,000	1,152,600	1,132,000	1,049,500	953,600	964,100	1,008,600	1,051,700
3	1,032,200	1,075,800	1,120,600	1,175,800	1,204,000	1,152,600	1,129,700	1,047,400	955,700	966,200	1,010,700	1,051,700
4	1,034,400	1,078,100	1,122,900	1,175,800	1,204,000	1,150,300	1,127,500	1,043,000	957,800	966,200	1,012,800	1,051,700
5	1,036,500	1,080,300	1,127,500	1,178,100	1,204,000	1,148,000	1,122,900	1,038,700	957,800	968,300	1,015,000	1,053,900
6	1,036,500	1,080,300	1,129,700	1,178,100	1,204,000	1,148,000	1,120,600	1,034,400	957,800	968,300	1,015,000	1,053,900
7	1,038,700	1,082,500	1,129,700	1,180,400	1,201,600	1,150,300	1,116,100	1,032,200	957,800	970,400	1,017,100	1,053,900
8	1,040,800	1,082,500	1,132,000	1,180,400	1,201,600	1,150,300	1,113,800	1,030,000	957,800	970,400	1,019,300	1,056,100
9	1,040,800	1,084,700	1,136,600	1,182,800	1,199,200	1,150,300	1,109,300	1,025,700	957,800	972,500	1,021,400	1,056,100
10	1,043,000	1,086,900	1,138,900	1,182,800	1,199,200	1,150,300	1,104,800	1,021,400	957,800	972,500	1,023,600	1,058,300
11	1,043,000	1,086,900	1,138,900	1,182,800	1,199,200	1,148,000	1,100,300	1,017,100	957,800	974,600	1,023,600	1,058,300
12	1,045,200	1,089,100	1,141,200	1,182,800	1,196,900	1,145,700	1,095,900	1,010,700	959,900	974,600	1,023,600	1,060,400
13	1,045,200	1,091,400	1,143,400	1,185,200	1,194,600	1,145,700	1,095,900	1,004,300	959,900	976,700	1,025,700	1,060,400
14	1,047,400	1,091,400	1,145,700	1,187,500	1,192,200	1,143,400	1,093,600	1,000,000	959,900	976,700	1,027,900	1,062,600
15	1,049,500	1,093,600	1,148,000	1,189,800	1,189,900	1,145,700	1,093,600	993,600	959,900	978,800	1,030,000	1,064,800
16	1,049,500	1,095,900	1,150,300	1,189,800	1,187,500	1,148,000	1,091,400	989,400	959,900	980,900	1,030,000	1,064,800
17	1,049,500	1,098,100	1,150,300	1,192,200	1,185,200	1,148,000	1,089,100	985,200	962,000	980,900	1,032,200	1,067,000
18	1,051,700	1,098,100	1,152,600	1,192,200	1,180,400	1,148,000	1,084,700	980,900	962,000	983,000	1,034,400	1,069,200
19	1,051,700	1,100,300	1,152,600	1,194,600	1,178,100	1,148,000	1,080,300	976,700	962,000	985,200	1,036,500	1,071,400
20	1,053,900	1,102,600	1,154,900	1,196,900	11751800	1,148,000	1,078,100	972,500	962,000	987,300	1,036,500	1,073,600
21	1,053,900	1,102,600	1,157,200	1,196,900	1,173,500	1,148,000	1,078,100	968,300	962,000	989,400	1,038,700	1,073,600
22	1,056,100	1,104,800	1,157,200	1,196,900	1,171,100	1,148,000	1,075,800	962,000	962,000	991,500	1,040,800	1,075,800
23	1,058,300	1,107,100	1,159,500	1,199,200	1,168,800	1,148,000	1,073,600	957,800	959,900	991,500	1,043,000	1,075,800
24	1,060,400	1,109,300	1,159,500	1,199,200	1,166,500	1,148,000	1,073,600	955,700	959,900	993,600	1,043,000	1,075,800
25	1,062,600	1,111,600	1,161,900	1,199,200	1,164,200	1,145,700	1,071,400	953,600	959,900	995,800	1,045,200	1,078,100
26	1,064,800	1,111,600	1,161,900	1,199,200	1,161,900	1,145,700	1,071,400	953,600	959,900	995,800	1,045,200	1,078,100
27	1,064,800	1,113,800	1,164,200	1,201,600	1,161,900	1,143,400	1,069,200	951,600	959,900	997,900	1,047,400	1,080,300
28	1,067,000	1,113,800	1,166,500	1,201,600	1,159,500	1,141,200	1,067,000	951,600	959,900	1,000,000	1,047,400	1,080,300
29	1,069,200	1,116,100	1,168,800	1,201,600	1,157,200	1,138,900	1,064,800	951,600	962,000	1,002,100	1,049,500	1,082,500
30	1,069,200	-----	1,168,800	1,201,600	1,157,200	1,136,600	1,060,400	951,600	962,000	1,002,100	1,049,500	1,082,500
31	1,071,400	-----	1,171,100	-----	1,154,900	-----	1,058,300	953,600	-----	1,004,300	-----	1,082,500
MAX	3,071,400	1,116,100	1,171,100	1,201,600	11751800	1,152,600	1,134,300	1,053,900	962,000	1,004,300	1,049,500	1,082,500
MIN	1,030,000	1,073,600	1,118,400	1,173,500	1,154,900	1,136,600	1,058,300	951,600	953,600	964,100	1,006,400	1,049,500
CHANGE	43,500	44,700	55,000	30,500	-46,700	-18,300	-78,300	-104,700	8,400	42,300	45,200	33,000

YEAR 1992

MEAN 1,112,241

MAX 11751800

MIN 951,600

NORTH & SOUTH PLATTE RIVERS

SUTHERLAND CANAL from North Platte River and Kingsley Reservoir - 1992

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

GAGE.--Continuous stage recorder and concrete control section

PERIOD OF RECORD.--1936 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	308	254	240	206	287	999	1,120	1,470	549	307	298	321
2	309	250	242	203	295	944	1,160	1,460	444	314	237	337
3	307	246	240	195	296	894	1,170	1,460	380	316	226	338
4	306	249	218	197	366	841	1,230	1,480	373	319	285	344
5	305	255	207	201	414	737	1,330	1,560	390	318	276	345
6	308	253	213	202	416	664	1,330	1,530	392	319	269	338
7	306	252	214	202	477	664	1,340	1,450	392	314	271	339
8	309	254	333	200	630	665	1,290	1,460	384	292	273	339
9	312	252	393	195	659	666	1,300	1,480	383	292	275	323
10	310	251	330	186	712	745	1,400	1,580	359	296	278	322
11	378	255	202	199	734	873	1,450	1,700	309	293	277	320
12	353	254	206	212	843	930	1,410	1,780	301	293	295	322
13	367	248	200	203	920	1,020	1,260	1,790	298	293	331	321
14	405	251	202	200	942	1,010	1,110	1,790	298	295	330	322
15	396	255	205	202	1,020	961	1,090	1,790	300	298	330	351
16	399	257	200	198	1,010	743	1,140	1,800	298	301	328	388
17	401	253	208	202	1,000	579	1,340	1,800	301	302	329	351
18	404	257	208	200	996	497	1,520	1,800	304	299	329	265
19	400	259	205	200	990	489	1,560	1,810	305	298	332	194
20	345	257	203	200	1,000	490	1,560	1,810	306	292	328	223
21	302	254	202	200	1,070	484	1,560	1,810	306	293	333	227
22	297	254	206	204	1,080	483	1,520	1,810	310	298	333	309
23	303	255	205	200	1,080	545	1,320	1,820	305	299	334	397
24	301	253	203	218	1,080	652	1,220	1,830	301	302	335	423
25	302	248	198	252	1,090	794	1,140	1,700	301	299	336	382
26	299	245	198	373	1,090	1,010	1,070	1,460	305	301	335	386
27	303	247	205	282	1,070	1,130	1,050	1,190	306	303	330	379
28	302	243	206	280	1,030	955	1,090	1,020	309	304	346	395
29	299	243	200	285	1,020	856	1,230	808	307	304	379	401
30	293	-----	205	282	1,020	926	1,420	632	305	301	338	427
31	292	-----	207	-----	1,020	-----	1,470	579	-----	297	-----	533
TOTAL	10,221	7,304	6,904	6,579	25,657	23,246	40,200	47,459	10,121	9,352	9,296	10,662
MEAN	330	252	223	219	828	775	1,297	1,531	337	302	310	344
MAX	405	259	393	373	1,090	1,130	1,560	1,830	549	319	379	533
MIN	292	243	198	186	287	483	1,050	579	298	292	226	194
AC-FT	20,270	14,490	13,690	13,050	50,890	46,110	79,740	94,130	20,080	18,550	18,440	21,150
YEAR 1992	TOTAL	207,001	MEAN	566	MAX	1,830	MIN	186.	AC-FT	410,600		

NORTH & SOUTH PLATTE RIVERS

SUTHERLAND (KORTY) CANAL from South Platte River - 1992

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

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

PERIOD OF RECORD.--1947 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	133	1,070	692	539	170	0	840	55	1,010	77	334	180
2	132	1,070	674	614	169	0	806	42	1,000	78	329	258
3	130	993	665	818	159	55	736	97	868	77	326	230
4	98	880	702	876	148	70	639	88	735	77	318	263
5	102	856	767	1,030	124	102	528	49	702	76	310	279
6	204	810	745	1,040	124	86	492	48	636	76	258	198
7	240	755	766	1,000	99	80	476	48	532	75	238	208
8	291	690	686	1,090	82	79	430	48	394	75	225	240
9	223	656	691	1,110	62	93	409	53	350	74	210	282
10	165	643	862	1,130	51	120	352	56	285	74	198	285
11	219	632	1,010	1,030	53	92	279	46	201	74	190	324
12	226	566	1,010	875	45	85	230	39	117	73	183	355
13	279	597	1,020	722	43	75	197	15	99	71	180	410
14	392	602	1,060	596	44	95	175	0	97	73	159	505
15	429	598	1,060	581	43	162	148	0	98	234	160	515
16	409	644	1,000	501	41	765	114	0	104	347	160	537
17	282	750	1,060	460	37	797	110	0	105	331	160	569
18	267	766	1,050	406	32	1,010	107	0	104	332	160	577
19	264	766	1,050	357	31	705	87	0	105	331	160	598
20	263	753	1,070	327	29	576	58	0	107	330	160	636
21	281	711	1,100	279	25	574	49	0	107	330	159	648
22	463	690	1,100	278	16	574	104	0	106	329	157	479
23	580	695	1,060	279	0	506	96	0	101	327	157	445
24	662	719	1,070	328	0	457	85	0	98	329	122	550
25	791	712	1,030	375	0	391	154	0	92	328	108	558
26	872	692	1,070	341	0	345	172	96	83	327	85	466
27	996	694	939	290	0	464	163	271	84	325	65	582
28	1,060	710	828	268	0	1,080	135	310	81	325	69	462
29	1,000	697	764	224	0	1,140	110	488	79	335	98	581
30	1,040	-----	652	206	0	1,000	91	710	78	341	122	560
31	1,020	-----	605	-----	0	-----	67	987	-----	339	-----	424
TOTAL	13,513	21,417	27,858	17,970	1,627	11,578	8,439	3,546	8,558	6,590	5,560	13,204
MEAN	436	739	899	599	52.5	386	272	114	285	213	185	426
MAX	1,060	1,070	1,100	1,130	170	1,140	840	987	1,010	347	334	648
MIN	98	566	605	206	0	0	49	0	78	71	65	180
AC-FT	26,800	42,480	55,260	35,640	3,230	22,960	16,740	7,030	16,970	13,070	11,030	26,190
YEAR 1992	TOTAL	139,860	MEAN.	382	MAX	1,140	MIN	0	AC-FT	277,400		

NORTH & SOUTH PLATTE RIVERS

SUTHERLAND RESERVOIR from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	44,100	51,200	59,200	60,000	61,500	60,900	61,400	57,900	59,200	54,200	62,800	49,500
2	44,200	51,800	59,400	59,900	61,200	61,100	62,700	57,200	59,800	54,300	62,400	49,200
3	44,200	51,800	59,500	60,200	60,900	61,400	62,800	56,500	59,900	54,300	62,000	49,100
4	44,200	51,500	59,800	60,500	60,500	61,600	62,900	56,100	60,000	54,500	61,800	49,000
5	44,200	51,900	60,200	61,000	60,100	61,700	62,500	56,400	59,800	54,500	61,400	48,700
6	44,200	51,800	60,300	61,100	59,800	61,500	62,500	57,200	59,400	54,900	60,900	48,500
7	44,800	52,100	60,600	61,500	59,200	61,400	62,700	56,800	58,700	55,100	60,300	48,600
8	45,000	52,400	61,000	61,500	58,600	61,400	62,700	56,200	57,800	55,100	60,000	48,400
9	45,100	52,700	61,400	61,400	58,200	61,000	62,100	55,500	57,100	55,100	59,500	48,700
10	45,000	53,200	61,800	61,800	58,000	60,900	61,700	54,900	56,400	55,200	58,800	48,700
11	45,000	53,600	61,900	61,900	57,400	60,700	62,000	54,300	55,800	55,500	58,400	48,600
12	45,400	53,800	62,100	61,900	57,100	60,200	62,400	53,400	55,300	55,700	58,100	48,400
13	45,400	54,100	62,400	61,900	57,100	60,200	62,500	52,800	54,900	55,900	57,400	49,000
14	45,600	54,300	62,800	61,700	56,800	60,600	62,200	52,600	54,500	55,900	56,900	49,200
15	45,700	54,800	63,100	62,000	56,900	61,400	61,000	52,800	54,200	56,000	56,200	49,700
16	45,500	55,300	63,200	62,200	57,100	62,400	59,600	52,700	54,000	56,300	55,800	50,400
17	45,600	56,100	63,200	62,400	57,200	62,200	59,200	52,800	53,800	57,400	55,300	50,600
18	45,800	56,400	63,500	62,200	57,400	62,000	59,400	52,600	53,300	57,900	54,900	50,700
19	46,000	56,700	63,600	62,100	57,200	61,900	59,400	52,600	53,100	58,500	54,300	50,600
20	46,100	57,000	63,500	62,100	57,100	61,800	59,700	52,100	53,000	59,100	53,900	50,400
21	46,100	57,500	63,500	61,900	57,400	61,900	60,000	51,900	53,100	59,700	53,500	50,200
22	46,400	57,900	63,500	61,900	57,500	62,100	61,000	51,500	53,200	60,300	53,100	50,000
23	46,900	58,400	63,400	61,900	57,700	62,200	61,200	51,000	53,200	60,900	52,600	49,800
24	47,300	58,800	62,800	61,800	58,000	62,200	61,600	51,800	53,300	61,500	52,100	49,700
25	47,900	58,900	62,600	61,900	58,100	61,800	61,800	53,400	53,500	62,000	51,600	49,300
26	48,200	58,900	62,100	62,200	58,500	61,200	61,900	54,300	53,600	62,100	51,200	49,300
27	49,000	59,000	62,000	62,200	59,000	60,900	61,600	55,000	53,600	62,300	50,600	49,300
28	49,500	59,000	61,600	62,100	59,300	61,600	60,800	55,300	53,700	62,500	50,300	49,200
29	49,800	59,100	60,900	62,000	59,800	61,300	59,600	56,500	53,900	62,700	49,700	49,200
30	50,300	-----	60,300	61,800	60,000	61,600	59,100	56,900	54,000	62,800	49,600	49,500
31	50,600	-----	60,000	-----	60,300	-----	58,400	58,100	-----	62,900	-----	49,200
MAX	50,600	59,100	63,600	62,400	61,500	62,400	62,900	58,100	60,000	62,900	62,800	50,700
MIN	44,100	51,200	59,200	59,900	56,800	60,200	58,400	51,000	53,000	54,200	49,600	48,400
CHANGE	6,400	8,400	949	1,830	-1,500	1,320	-3,220	-354	-4,020	8,850	-13,270	-390
YEAR 1992			MEAN	56,610	MAX	63,600	MIN	44,100				

NORTH & SOUTH PLATTE RIVERS

MALONEY RESERVOIR from North Platte River - 1992

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 normal operating level	3006.0	19,450
Normal operating level	3005.0	17,800

DAILY CONTENTS IN ACRE-FEET FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17,800	18,100	17,800	17,800	17,800	17,600	18,000	18,100	17,600	16,500	10,600	18,000
2	17,800	18,000	17,800	17,600	17,800	17,600	18,000	18,100	17,800	16,700	10,400	18,000
3	17,800	17,800	17,800	17,600	17,800	17,600	18,000	18,300	17,800	16,800	10,400	17,800
4	17,800	17,800	18,000	17,600	17,800	17,600	18,000	18,300	17,800	17,000	10,400	17,800
5	17,800	17,600	17,800	17,600	17,800	17,800	17,800	18,000	17,800	17,200	10,500	17,600
6	17,800	17,600	17,800	17,800	17,800	18,000	18,000	18,000	18,000	17,300	10,500	17,800
7	18,000	17,600	17,800	17,800	17,500	18,000	18,000	18,000	18,000	17,500	10,600	17,500
8	17,600	17,600	18,000	17,800	17,600	18,100	18,000	18,000	18,000	17,600	11,000	17,500
9	17,500	17,600	18,000	18,000	17,600	18,000	17,800	18,000	18,000	17,800	11,200	17,500
10	17,600	17,500	17,800	18,000	17,600	17,800	17,800	17,800	17,800	18,000	11,500	17,500
11	17,800	17,500	17,800	18,100	17,500	17,800	18,000	17,600	17,800	18,100	12,100	17,600
12	17,800	17,600	17,800	18,100	17,800	18,000	18,100	17,500	17,600	18,300	12,500	17,600
13	17,600	17,600	17,800	18,000	17,800	18,300	18,100	17,500	17,500	18,500	12,800	17,600
14	17,500	17,800	18,000	18,000	17,800	18,300	18,100	17,500	17,300	18,600	13,200	17,600
15	17,500	17,800	18,000	18,000	18,000	18,300	18,000	17,500	17,200	18,800	13,500	17,600
16	17,800	18,000	17,800	18,000	18,100	17,800	17,800	17,600	16,800	18,800	13,900	17,600
17	18,000	17,800	17,800	18,100	18,100	17,000	17,800	17,600	16,500	18,300	14,400	17,600
18	18,100	17,800	17,800	18,100	18,100	17,300	17,800	17,600	16,400	18,000	14,800	17,600
19	18,000	17,800	18,000	18,100	18,100	17,600	17,600	17,600	16,200	17,500	15,300	17,500
20	17,800	17,800	18,000	18,000	18,300	18,000	17,600	17,500	16,200	17,200	15,600	17,500
21	18,000	18,000	18,000	18,100	18,500	18,000	17,800	17,500	16,500	16,700	16,000	17,500
22	17,800	18,000	18,000	18,100	18,500	18,100	18,000	17,500	16,800	15,900	16,500	17,600
23	17,800	18,100	18,000	18,100	18,300	18,000	18,100	17,600	17,000	15,300	17,200	17,600
24	17,800	18,000	18,000	18,000	18,300	17,800	18,000	18,000	17,200	14,700	17,600	17,800
25	17,600	17,800	18,000	18,000	18,300	17,800	18,000	18,000	17,000	13,800	18,000	18,000
26	17,800	17,800	18,000	17,800	18,300	17,800	17,800	17,800	16,700	13,200	18,000	18,000
27	17,800	18,000	18,000	17,800	18,100	17,800	17,800	17,600	16,500	12,800	18,000	18,100
28	17,800	18,000	17,800	17,800	18,100	17,800	17,800	17,500	16,200	12,500	18,000	18,000
29	17,800	17,800	17,800	17,800	17,800	18,000	18,000	17,600	16,200	11,700	18,000	18,000
30	18,000	-----	17,800	17,800	17,800	18,000	18,000	17,600	16,400	11,200	18,000	17,800
31	18,100	-----	17,800	-----	17,600	-----	18,300	17,600	-----	10,900	-----	17,800
MAX	18,100	18,100	18,000	18,100	18,500	18,300	18,300	18,300	18,000	18,800	18,000	18,100
MIN	17,500	17,500	17,800	17,600	17,500	17,000	17,600	17,500	16,200	10,900	10,400	17,500
CHANGE	300	-165	-165	0	-160	325	330	-655	-1,280	-5,470	7,080	-165

YEAR 1992 MEAN 17,340 MAX 18,800 MIN 10,400

NORTH & SOUTH PLATTE RIVERS

SUTHERLAND POWER RETURN to the South Platte River - 1992

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

GAGE.--Differential pressure recorder

PERIOD OF RECORD.--1939 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	181	865	710	805	360	575	1,450	1,370	685	0	510	410
2	190	945	685	695	360	570	1,380	1,370	685	0	510	414
3	180	1,000	695	685	360	510	1,380	1,430	1,000	0	510	413
4	181	985	685	685	390	420	1,500	1,500	815	0	510	411
5	180	940	740	710	415	430	1,510	1,670	815	0	505	408
6	190	790	725	685	415	490	1,510	1,360	815	0	510	411
7	190	680	680	835	575	490	1,540	1,120	920	0	510	398
8	210	620	690	940	575	495	1,440	1,240	920	0	510	426
9	295	625	690	1,010	575	540	1,520	1,310	925	0	510	427
10	308	490	700	1,030	575	655	1,610	1,430	920	0	315	427
11	275	425	885	930	700	705	1,450	1,510	775	0	325	427
12	286	420	920	930	700	705	1,310	1,610	625	0	325	427
13	270	420	875	925	700	705	1,180	1,770	565	0	325	428
14	356	420	820	820	700	710	1,180	1,610	505	0	325	425
15	355	420	815	690	700	705	1,240	1,610	440	0	325	425
16	421	455	900	635	635	775	1,340	1,440	440	0	270	427
17	423	550	930	345	640	880	1,410	1,440	440	305	275	512
18	422	550	930	360	650	925	1,380	1,440	440	280	285	553
19	424	555	855	420	635	985	1,250	1,440	375	280	295	610
20	426	555	930	345	705	920	1,190	1,440	315	270	265	671
21	422	570	980	290	715	835	1,120	1,520	35	270	220	553
22	426	545	985	290	700	850	1,040	1,520	0	455	215	610
23	425	615	1,050	290	700	760	985	1,610	0	505	215	671
24	507	615	1,140	290	700	830	980	1,530	0	520	265	679
25	546	665	1,080	290	700	935	920	1,380	145	520	395	677
26	562	680	1,150	290	705	990	855	1,120	230	520	395	676
27	686	675	1,180	330	700	1,120	855	995	225	520	395	679
28	685	685	1,120	360	635	1,250	980	835	230	520	395	675
29	815	680	1,110	360	635	1,250	1,110	745	35	615	395	733
30	820	-----	1,080	360	640	1,510	1,240	690	0	615	395	734
31	823	-----	950	-----	635	-----	1,240	685	-----	520	-----	734
TOTAL	12,480	18,440	27,685	17,630	18,830	23,520	39,095	41,740	14,320	6,715	11,200	16,471
MEAN	403	636	893	588	607	784	1,261	1,346	477	217	373	531
MAX	823	1,000	1,180	1,030	715	1,510	1,610	1,770	1,000	615	510	734
MIN	180	420	680	290	360	420	855	685	0	0	215	398
AC-FT	24,750	36,580	54,910	34,970	37,350	46,650	77,540	82,790	28,400	13,320	22,220	32,670
YEAR 1992	TOTAL	248,126	MEAN	678	MAX	1,770	MIN	0	AC-FT	492,200		

NORTH PLATTE RIVER BASIN

KEITH - LINCOLN COUNTY CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	11	47	70	5.7	34		
2					17	11	46	70	53	0		
3					72	11	47	70	54	0		
4					172	19	47	66	53	0		
5					26	31	61	57	54	0		
6					26	31	70	57	53	0		
7					26	31	66	57	53	0		
8					25	32	74	57	62	0		
9					25	32	86	60	69	0		
10					25	31	86	69	69	0		
11					24	31	83	67	68	0		
12					24	35	82	74	63	0		
13					20	43	82	81	60	0		
14					11	43	82	81	60	0		
15					11	12	82	80	60	0		
16					11	0	82	79	60	0		
17					11	0	81	78	60	0		
18					11	0	81	77	59	0		
19					11	0	81	76	60	0		
20					12	0	89	75	60	0		
21					11	0	102	73	58	0		
22					11	0	90	72	55	0		
23					11	0	82	71	55	0		
24					11	0	82	66	55	0		
25					10	0	82	55	47	0		
26					11	8.9	82	55	36	0		
27					10	40	82	55	38	0		
28					11	34	82	33	41	0		
29					11	6.5	81	0	46	0		
30		-----			11	47	73	0	46	0		
31		-----		-----	11	-----	64	0	-----	0	-----	
TOTAL					679	540.4	2,357	1,881	1,612.7	34		
MEAN					21.9	18.0	76.0	60.7	53.8	1.13		
MAX					172	47	102	81	69	34		
MIN					0	0	46	0	5.7	0		
AC-FT					1,350	1,070	4,680	3,730	3,200	67		
YEAR 1992	MAX	172	MIN	0	AC-FT	14,090						

NORTH PLATTE RIVER BASIN

NORTH PLATTE CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	71	51	77	251	1.5			
2				0	60	52	79	250	1.5			
3				0	42	51	98	249	1.5			
4				0	42	48	166	229	1.3			
5				0	66	47	198	67	35			
6				0	54	44	199	62	101			
7				0	56	44	214	62	105			
8				0	59	45	230	61	102			
9				0	58	43	267	63	93			
10				0	61	44	280	72	107			
11				0	61	45	292	135	107			
12				0	82	45	263	210	100			
13				1.8	113	45	246	235	75			
14				4.8	138	47	241	234	49			
15				4.8	124	48	249	198	66			
16				4.8	120	57	260	182	73			
17				4.8	103	58	237	188	72			
18				4.8	89	62	205	169	72			
19				4.8	77	74	200	158	74			
20				4.8	65	72	192	156	80			
21				3.6	62	40	183	177	83			
22				2.2	61	78	147	181	83			
23				2.1	53	79	147	184	82			
24				1.9	53	88	159	132	80			
25				1.5	55	112	153	35	80			
26				1.5	56	118	150	2.8	32			
27				1.4	58	109	172	2.1	0			
28				1.3	59	96	198	1.7	0			
29				19	55	89	218	1.7	0			
30		-----		42	49	83	236	1.5	0			
31		-----		-----	50	-----	247	1.5	-----		-----	
TOTAL				111.9	2,152	1,914	6,203	3,951.3	1,756.8			
MEAN				3.73	69.4	63.8	200	127	58.6			
MAX				42	138	118	292	251	107			
MIN				0	42	40	77	1.5	0			
AC-FT				222	4,270	3,800	12,300	7,840	3,480			
YEAR 1992	MAX	292	MIN	0	AC-FT	31,910						

NORTH PLATTE RIVER BASIN

PAXTON-HERSHEY CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	35	44	94	30	49		
2					0	35	44	93	19	49		
3					0	34	43	94	4.8	48		
4					0	34	43	93	15	24		
5					0	33	59	75	43	3.8		
6					0	31	84	72	57	7.0		
7					6.9	30	93	71	70	6.7		
8					33	33	98	71	57	5.0		
9					31	33	101	73	48	1.9		
10					30	34	103	75	47	0		
11					29	35	104	76	47	0		
12					27	36	96	90	47	0		
13					31	36	87	95	48	0		
14					36	37	82	94	48	0		
15					35	33	83	94	48	0		
16					35	29	83	93	48	0		
17					34	26	82	91	47	0		
18					35	26	83	79	45	0		
19					35	33	83	66	47	0		
20					34	35	86	64	49	0		
21					33	37	85	64	50	0		
22					35	37	87	67	50	0		
23					36	30	83	70	50	0		
24					36	33	84	59	50	0		
25					37	42	81	44	49	0		
26					36	46	79	33	49	0		
27					36	48	88	16	50	0		
28					37	48	85	5.8	50	0		
29					36	47	95	4.7	50	0		
30		-----			36	45	92	17	50	0		
31		-----		-----	36	-----	93	35	-----	0	-----	
TOTAL					825.9	1,071	2,533	2,068.5	1,362.8	194.4		
MEAN					26.6	35.7	81.7	66.7	45.4	6.27		
MAX					37	48	104	95	70	49		
MIN					0	26	43	4.7	4.8	0		
AC-FT					1,640	2,120	5,020	4,100	2,700	386		
YEAR 1992	MAX	104	MIN	0	AC-FT	15,980						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Sutherland - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1917, 1931 - 1933, 1935, Irrigation season only, 1936 - present, continuous 12 record

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991
e = estimated discharge due to backwater from ice

CURRENT YEAR EXTREMES.--Peak discharge 1180 cubic feet per second on July 11, gage height 3.17 feet.
Minimum daily discharge 51 cubic feet per second on May 1.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	123	128	127	141	51	157	767	393	147	131	145	106e
2	124	130	126	140	70	159	839	401	125	141	144	102e
3	131	129	123	140	78	151	642	491	109	146	140	102e
4	134	123	140	136	75	137	549	558	83	166	134	100e
5	131	121	259	133	62	133	695	859	64	181	129	106e
6	129	120	289	132	66	121	706	639	62	184	127	110e
7	137	120	215	133	79	114	821	556	87	231	127	120e
8	150	120	187	132	110	116	753	489	110	242	128	120e
9	139	121	246	124	168	120	683	655	130	216	129	125e
10	142	120	216	123	197	128	827	735	125	215	121	130e
11	141	117	223	125	204	140	1,090	660	120	209	121	130e
12	133	117	259	127	177	142	690	717	125	204	123	130e
13	123	118	256	131	197	138	438	767	159	206	124	135e
14	119	120	220	138	320	172	251	762	192	197	131	135e
15	100e	123	193	140	290	271	210	785	186	195	134	135e
16	110e	127	178	140	249	344	412	736	147	185	136	130e
17	106e	138	167	138	207	205	681	717	121	156	131	130e
18	104e	140	160	137	214	150	683	659	108	135	130	135e
19	108e	138	158	134	219	100	586	595	145	122	130	135e
20	112e	137	155	114	200	81	490	559	323	123	130	125e
21	114e	133	155	116	147	101	304	570	422	131	130	130e
22	118e	130	148	116	135	82	296	577	449	128	130	140e
23	120e	141	144	118	129	75	197	636	398	128	130	140e
24	123	166	145	119	134	90	128	798	332	158	130e	140e
25	120	154	141	114	141	281	120	915	297	147	125e	140e
26	120	144	140	112	144	582	98	452	263	137	125e	140e
27	120	139	140	112	159	926	102	282	189	135	125e	145e
28	118	133	148	107	168	999	76	228	164	134	120e	140e
29	118	129	160	86	160	1,040	107	209	165	145	120e	135e
30	120	-----	152	75	159	862	207	184	155	152	110e	130e
31	123	-----	145	-----	154	-----	325	161	-----	148	-----	125e
TOTAL	3,810	3,776	5,515	3,733	4,863	8,117	14,773	17,745	5,502	5,128	3,859	3,946
MEAN	123	130	178	124	157	271	477	572	183	165	129	127
MAX	150	166	289	141	320	1,040	1,090	915	449	242	145	145
MIN	100	117	123	75	51	75	76	161	62	122	110	100
AC-FT	7,560	7,490	10,940	7,400	9,650	16,100	29,300	35,200	10,910	10,170	7,650	7,830
YEAR 1992	TOTAL	80,767	MEAN	221	MAX	1,090	MIN	51	AC-FT	160,200		

NORTH PLATTE RIVER BASIN

BIRDWOOD CANAL from Birdwood Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	18	26	29	11	4.7		
2					0	18	29	36	12	4.3		
3					0	18	28	31	10	10		
4					0	19	27	29	9.0	13		
5					0	19	28	14	8.4	13		
6					0	21	39	14	9.6	9.4		
7					0	18	28	4.6	20	9.7		
8					11	21	25	0	27	11		
9					25	20	24	0	29	11		
10					29	20	25	1.6	29	9.7		
11					30	19	30	18	22	8.4		
12					27	18	30	29	19	9.5		
13					27	24	31	32	20	10		
14					16	55	29	35	20	11		
15					19	41	37	33	20	12		
16					23	20	43	25	20	13		
17					9.0	18	37	24	20	14		
18					2.4	16	36	24	20	15		
19					7.0	15	40	23	20	15		
20					16	15	34	22	21	13		
21					31	13	36	22	21	1.1		
22					20	11	40	21	20	0		
23					13	14	31	22	20	0		
24					13	14	39	25	20	0		
25					18	23	46	23	17	0		
26					18	9.2	52	12	21	0		
27					20	30	38	11	24	0		
28					19	43	31	10	14	0		
29					20	29	28	10	9.7	0		
30		-----			20	25	19	10	10	0		
31		-----		-----	19	-----	20	10	-----	0	-----	
TOTAL					452.4	644.2	1,006	600.2	543.7	217.8		
MEAN					14.6	21.5	32.5	19.4	18.1	7.03		
MAX					31	55	52	36	29	15		
MIN					0	9.2	19	0	8.4	0		
AC-FT					897	1,280	2,000	1,190	1,080	432		
YEAR 1992	MAX	55	MIN	0	AC-FT	6,870						

NORTH PLATTE RIVER BASIN

BIRDWOOD CREEK near Hershey - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--May 1931 - present

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 212 cubic feet per second on March 5 at gage height 1.96 feet.
Minimum daily discharge 116 cubic feet per second on July 21.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	147	153	165	165	165	140	140	120	146	142	163	154
2	147	153	164	168	163	140	141	125	148	143	157	153
3	144	154	168	168	162	140	137	127	142	142	154	152
4	144	152	177	167	165	141	138	143	141	142	152	151
5	144	151	201	165	163	141	138	146	144	145	149	153
6	143	151	180	166	161	146	135	140	139	147	162	150
7	149	150	176	167	164	139	158	147	130	158	168	146
8	138	148	175	167	155	149	143	146	123	151	165	157
9	142	149	177	166	150	145	137	147	124	146	172	155
10	142	150	166	167	150	141	132	146	122	148	172	155
11	145	149	180	164	146	140	140	135	128	149	167	156
12	146	150	185	161	142	140	135	134	131	148	169	155
13	141	151	175	164	141	143	135	132	132	149	164	154
14	142	154	172	167	145	150	130	133	131	145	159	156
15	130	152	172	166	142	169	125	134	130	144	167	155
16	139	156	174	166	146	154	118	136	131	144	171	154
17	144	160	171	166	153	146	118	137	129	147	171	155
18	143	155	172	172	154	141	117	140	127	150	169	155
19	143	156	175	166	147	143	117	137	129	151	166	153
20	144	157	176	160	143	144	118	136	129	153	164	156
21	145	157	172	159	135	152	116	136	131	160	160	153
22	147	159	167	160	142	148	133	133	132	160	158	156
23	145	168	167	168	138	144	124	132	133	161	153	155
24	149	167	167	162	137	143	123	152	132	162	149	157
25	151	161	163	163	143	140	122	165	133	163	144	155
26	151	161	166	164	135	147	120	149	133	160	144	154
27	150	161	169	164	138	155	122	149	137	163	148	156
28	149	164	172	166	138	145	119	148	140	163	156	157
29	151	163	170	164	135	142	122	148	141	159	160	161
30	152	-----	167	167	135	141	128	148	142	162	152	154
31	150	-----	171	-----	137	-----	123	149	-----	165	-----	150
TOTAL	4,497	4,512	5,352	4,955	4,570	4,349	4,004	4,350	4,010	4,722	4,805	4,783
MEAN	145	156	173	165	147	145	129	140	134	152	160	154
MAX	152	168	201	172	165	169	158	165	148	165	172	161
MIN	130	148	163	159	135	139	116	120	122	142	144	146
AC-FT	8,920	8,950	10,620	9,830	9,060	8,630	7,940	8,630	7,950	9,370	9,530	9,490
YEAR 1992	TOTAL	54,909	MEAN	150	MAX	201	MIN	116	AC-FT	108,900		

NORTH PLATTE RIVER BASIN

SUBURBAN CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	50	69	66	5.6	44		
2					0	49	70	63	5.0	33		
3					0	48	67	64	2.6	25		
4					0	47	73	68	2.0	5.6		
5					0	48	77	74	2.1	0		
6					0	46	83	71	2.0	0		
7					0	46	89	60	7.4	0		
8					.79	48	91	57	44	0		
9					9.5	48	91	60	52	0		
10					9.5	47	95	62	52	0		
11					27	47	93	61	51	0		
12					56	47	87	63	53	0		
13					67	46	89	70	55	0		
14					74	47	85	76	57	0		
15					55	51	81	75	58	0		
16					52	54	81	73	57	0		
17					50	49	73	73	55	0		
18					50	46	76	69	53	0		
19					50	42	74	68	55	0		
20					50	40	71	67	61	0		
21					47	42	67	66	63	0		
22					47	39	68	63	63	0		
23					46	38	64	66	63	0		
24					46	42	62	74	62	0		
25					47	59	63	60	60	0		
26					46	69	61	11	55	0		
27					46	69	66	6.9	53	0		
28					46	65	64	5.2	52	0		
29					46	66	72	3.3	53	0		
30		-----			48	69	77	3.2	52	0		
31		-----		-----	50	-----	76	5.8	-----	0	-----	
TOTAL					1,065.79	1,504	2,355	1,704.4	1,305.7	107.6		
MEAN					34.4	50.1	76.0	55.0	43.5	3.47		
MAX					74	69	95	76	63	44		
MIN					0	38	61	3.2	2.0	0		
AC-FT					2,110	2,980	4,670	3,380	2,590	213		
YEAR 1992	MAX	95	MIN	0	AC-FT	15,950						

NORTH PLATTE RIVER BASIN

CODY-DILLON CANAL from North Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	19	5.4	24	1.1	15		
2					0	18	5.3	29	1.2	15		
3					0	16	5.3	30	1.0	14		
4					0	14	4.8	32	.60	15		
5					0	12	5.6	27	.42	17		
6					0	12	8.4	28	.27	15		
7					0	9.4	8.8	18	2.0	13		
8					0	10	12	11	1.9	10		
9					0	16	24	11	1.2	3.3		
10					0	13	25	13	.94	1.0		
11					0	12	31	28	.85	.23		
12					0	17	31	31	.87	.04		
13					0	11	22	30	1.9	5.4		
14					0	6.2	13	8.2	1.9	8.8		
15					0	12	1.8	16	2.8	8.8		
16					3.6	2.0	6.8	8.4	4.5	8.8		
17					6.3	2.8	22	15	4.4	8.8		
18					5.5	3.2	22	3.1	4.2	9.1		
19					4.4	3.5	6.8	13	3.3	8.5		
20					5.4	3.3	17	8.3	3.8	8.7		
21					4.5	3.6	13	7.5	6.8	8.9		
22					7.4	3.6	14	7.8	10	9.5		
23					4.8	3.2	9.7	8.8	13	2.2		
24					2.1	2.7	7.8	13	10	0		
25					2.5	3.0	5.8	16	12	0		
26					4.8	3.7	6.7	7.1	12	0		
27					5.5	5.0	7.9	3.5	13	0		
28					10	6.9	5.2	2.5	13	0		
29					18	7.3	7.0	1.9	13	0		
30		-----			17	6.8	10	1.5	14	0		
31		-----		-----	18	-----	14	1.3	-----	0	-----	
TOTAL					119.8	258.2	379.1	454.9	155.95	206.07		
MEAN					3.86	8.61	12.2	14.7	5.20	6.65		
MAX					18	19	31	32	14	17		
MIN					0	2.0	1.8	1.3	.27	0		
AC-FT					238	512	752	902	309	409		
YEAR 1992	MAX	32	MIN	0	AC-FT	3,120						

NORTH PLATTE RIVER BASIN

LINCOLN COUNTY DRAIN NO. 1 at North Platte - 1992

LOCATION.--NE1/4NE1/4 Sec. 30-14-30 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - 1932, 1955 - present

EXTREMES FOR CURRENT YEAR.--Peak discharge 167 cubic feet per second on August 25 at gage height 2.32 ft.
Minimum daily discharge, 29 cubic feet per second on January 25.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	34	30	30	47	58	58	77	99	84	58	37	33
2	34	30	30	47	72	61	80	103	81	58	37	32
3	34	30	30	47	58	56	70	99	78	56	37	31
4	34	30	32	46	55	53	71	101	77	57	36	31
5	33	30	35	45	56	54	82	122	75	58	35	30
6	33	30	38	44	53	54	71	102	99	58	35	31
7	34	30	39	43	49	55	60	97	111	58	35	31
8	33	30	42	43	50	55	58	98	104	55	36	32
9	33	30	44	43	48	54	57	96	95	53	35	32
10	33	31	48	42	48	55	47	92	90	52	35	32
11	33	30	48	41	44	54	53	93	99	51	35	32
12	33	31	50	41	44	54	70	97	102	50	35	32
13	32	31	54	40	49	55	84	100	101	50	35	32
14	32	31	56	40	77	60	93	100	85	49	35	32
15	32e	30	56	39	73	63	88	97	82	48	35	33
16	33	30	55	39	79	62	86	107	91	47	35	32
17	32	31	54	38	76	70	96	115	87	46	35	32
18	32	31	53	38	67	61	99	117	85	46	35	32
19	31	31	53	37	62	60	111	121	85	46	35	32
20	31	31	53	36	57	61	109	124	88	45	35	32
21	31	31	52	36	55	60	102	123	91	44	33	32
22	31	30	52	36	57	61	102	110	90	44	33	32
23	30	31	52	36	55	64	96	109	89	43	33	31
24	30	31	50	36	51	53	104	138	89	42	33	31
25	30	31	50	36	54	64	107	154	91	42	33	31
26	30	31	49	36	54	84	103	111	90	41	34	32
27	30	31	49	36	57	91	100	100	68	41	34	31
28	30	31	49	36	61	84	94	95	64	40	34	31
29	30	30	48	36	65	82	97	92	61	39	33	31
30	30	-----	48	35	59	81	106	87	59	39	32	32
31	29	-----	47	-----	58	-----	106	85	-----	38	-----	31e
TOTAL	987	885	1,446	1,195	1,801	1,879	2,679	3,284	2,591	1,494	1,040	981
MEAN	31.8	30.5	46.6	39.8	58.1	62.6	86.4	106	86.4	48.2	34.7	31.6
MAX	34	31	56	47	79	91	111	154	111	58	37	33
MIN	29	30	30	35	44	53	47	85	59	38	32	30
AC-FT	1,960	1,760	2,870	2,370	3,570	3,730	5,310	6,510	5,140	2,960	2,060	1,950
YEAR 1992	TOTAL	20,262	MEAN	55.4	MAX	154	MIN	29	AC-FT	40,190		

NORTH PLATTE RIVER BASIN

LOGEPOLE CREEK at Bushnell - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1931 - present (records for Mar. - Sep. 1931 at a site 1.5 miles upstream are not equivalent because of irrigation diversions. Monthly discharges only for some periods).

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

e = estimated discharge due to backwater from ice

a = estimated discharge due to missing gage height record

EXTREMES FOR CURRENT YEAR.--Peak discharge 7.5 cubic feet per second June 15 at gage height 0.85 feet.
Minimum daily discharge 0.96 cubic feet per second on August 22.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.5	3.6	3.8	4.2	3.2a	2.5	2.6	1.9	2.0	2.0	2.3	1.8
2	4.5	3.7	3.6	4.2	3.2a	2.3	2.5	1.7	1.9	2.0	2.3	2.7
3	4.5	3.6	3.7	4.2	3.1a	2.3	2.5	1.9	2.0	2.1	2.4	3.3
4	4.4	3.6	4.1	4.1	3.1	2.3	2.5	2.0	2.1	2.1	2.3	3.0
5	4.3	3.4	4.7	3.9	2.8	2.1	2.5	1.7	2.3	1.9	2.6	3.0e
6	4.3	3.4	4.4	3.9	2.6	2.1	2.2	1.6	2.3	1.8	2.4	2.0e
7	4.3e	3.6	4.2	4.0	2.6	2.2	2.1	1.3	2.2	2.1	2.4	2.0e
8	4.0e	3.6	4.2	4.0	2.5	2.3	2.1	1.4	2.3	2.1	2.5	4.3
9	4.3e	3.6	1.4	4.0	2.6	1.5	2.1	1.3	2.4	2.1	2.5	3.5e
10	4.4e	3.8	1.9	4.1	2.5	1.9	2.1	1.2	2.3	2.1	2.4	3.4
11	4.4	3.6	4.7	4.0	2.7	2.1	2.0	1.2	2.4	2.0	2.5	3.3
12	4.1	3.5	5.4	4.0	2.7	2.2	2.0	1.2	2.3	2.0	2.4	3.5
13	4.0	3.5	5.3	4.0	2.7	2.4	2.0	1.1	2.3	2.0	2.3	2.9
14	4.0	3.7	4.9	3.8	2.7	2.4	2.0	1.1	2.1	1.9	2.4	3.5
15	4.0	3.7	4.5	3.6	2.6	3.3	2.1	1.1	2.0	2.0	2.5	3.7
16	4.1	3.6	4.2	3.5	2.6	2.5	2.0	1.2	1.9	2.0	2.5	3.5
17	3.8	3.7	3.9	3.5	2.4	2.5	1.9	1.1	2.0	2.0	2.5	3.4
18	3.8	3.6	3.9	3.6	2.5	2.4	1.5	1.1	2.0	2.0	2.7	3.3
19	3.8	3.6	4.3	3.6	2.3	2.5	1.5	1.1	2.1	2.1	2.6	3.2
20	3.7	3.7	4.4	3.8	2.2	2.6	1.5	.99	2.1	2.0	2.6	3.3
21	3.7	3.8	4.4	3.7	2.2	2.7	1.9	1.0	2.0	2.0	2.6	3.4
22	3.6	3.9	5.3	3.7	2.2	2.7	1.5	.96	1.9	2.1	2.6	3.6
23	3.3e	4.0	4.5	3.6	2.1	2.7	1.6	1.0	2.0	2.1	2.7	3.5
24	3.8	3.9	4.5	3.2	2.2	2.8	1.4	1.7	2.0	2.1	2.2	3.7
25	3.8	3.8	4.2	3.3	2.3	3.0	1.5	1.9	2.1	2.2	2.6	3.6a
26	3.7	3.6	4.3	3.3	2.4	2.9	2.5	2.2	2.1	2.0	2.5e	3.6a
27	3.7	3.8	4.5	3.4	2.5	2.7	2.1	1.9	2.1	2.1	2.9	3.6a
28	3.9	3.6	4.9	3.4	2.6	2.7	1.7	1.8	2.2	2.2	2.8	3.6a
29	3.7	3.7	4.6	3.3a	2.7	2.6	1.8	1.9	2.2	2.2	2.7	3.7a
30	3.7	-----	4.4	3.3a	2.5	2.6	1.9	1.9	2.0	2.3	2.8	3.7a
31	3.8	-----	4.4	-----	2.5	-----	2.0	1.7	-----	2.3	-----	3.7a
TOTAL	123.9	106.2	131.5	112.2	79.8	73.8	61.6	45.15	63.6	63.9	75.5	102.3
MEAN	4.00	3.66	4.24	3.74	2.57	2.46	1.99	1.46	2.12	2.06	2.52	3.30
MAX	4.5	4.0	5.4	4.2	3.2	3.3	2.6	2.2	2.4	2.3	2.9	4.3
MIN	3.3	3.4	1.4	3.2	2.1	1.5	1.4	.96	1.9	1.8	2.2	1.8
AC-FT	246	211	261	223	158	146	122	90	126	127	150	203
YEAR 1992	TOTAL	1,039.45	MEAN	2.84	MAX	5.4	MIN	.96	AC-FT	2,060		

OLIVER RESERVOIR on Lodgepole Creek - 1992

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

Date	Contents (Acre-feet)
January 14, 1992	2,122
February 18, 1992	2,312
March 19, 1992	2,430
April 14, 1992	2,462
May 4, 1992	2,436
May 18, 1992	2,361
June 1, 1992	2,259
June 22, 1992	2,200
July 10, 1992	2,072
July 31, 1992	1,937
August 10, 1992	1,847
August 26, 1992	1,806
September 11, 1992	1,783
October 9, 1992	1,635
November 5, 1992	1,730
December 3, 1992	1,838

SOUTH PLATTE RIVER BASIN

LOGEPOLE CREEK below Oliver Reservoir - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1981 - present

EXTREMES FOR CURRENT YEAR.--Peak discharge 4.19 cubic feet per second on April 17 at gage height 0.56 feet.
Minimum daily discharge, 0.30 cubic feet per second on September 23.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	.42	.45	1.0	1.6	1.0	2.4	2.0	1.5	1.1	.42	.54	.54
2	.42	.42	1.0	1.7	1.0	2.4	2.0	1.7	1.2	.42	.54	.54
3	.42	.42	1.0	1.7	.90	2.3	2.0	1.7	1.3	.42	.54	.48
4	.42	.42	1.1	1.8	.48	2.3	2.0	1.6	.82	.48	.54	.48
5	.42	.42	1.1	1.8	.48	2.3	2.0	1.6	.54	.48	.54	.48
6	.42	.45	1.0	1.8	.53	2.4	2.0	1.6	.48	.54	.60	.48
7	.42	.60	1.0	2.0	.48	2.5	1.9	1.5	.48	.54	.60	.48
8	.42	.60	.92	2.0	.48	2.4	2.0	1.5	.36	.59	.60	.48
9	.47	.58	1.0	2.0	.54	2.4	2.0	1.6	.36	.60	.60	.42
10	.48	.48	1.0	2.0	.54	2.1	2.0	1.5	.42	.42	.60	.48
11	.48	.48	1.0	1.9	.51	2.1	2.0	1.2	.52	.42	.60	.48
12	.48	.48	1.0	2.0	.48	2.2	2.0	1.3	.48	.48	.57	.48
13	.48	.44	1.1	2.0	.48	2.4	2.0	1.2	.48	.48	.60	.48
14	.48	1.3	1.0	2.0	.48	2.5	2.0	1.1	.48	.48	.60	.48
15	.48	1.3	1.0	2.0	.48	2.6	1.9	.92	.48	.48	.60	.48
16	.48	1.2	1.1	1.9	.37	2.3	2.0	1.1	.47	.54	.60	.48
17	.54	1.2	1.0	1.8	.48	2.2	1.9	1.0	.32	.48	.60	.48
18	.54	1.2	1.1	1.7	.36	2.3	1.8	1.0	.43	.42	.60	.52
19	.54	1.2	1.0	1.8	.33	2.2	1.8	.92	.34	.42	.60	.48
20	.51	1.2	.92	1.7	1.5	2.2	1.9	.92	.48	.42	.60	.48
21	.52	1.2	.84	1.6	2.5	2.2	1.9	.92	.48	.42	.60	.33
22	.54	1.1	.81	1.6	2.5	2.1	1.8	.92	.45	.42	.60	.42
23	.55	1.2	1.4	1.5	2.5	2.1	1.8	.98	.30	.48	.60	.36
24	.48	1.1	1.4	1.0	2.5	2.1	1.8	1.0	.32	.48	.60	.42
25	.48	1.1	1.5	1.0	2.7	2.5	1.8	1.1	.45	.54	.60	.42
26	.48	1.1	1.5	1.0	2.6	2.5	2.2	1.2	.54	.54	.57	.42
27	.48	1.0	1.5	1.0	2.6	2.2	2.0	1.1	.42	.54	.48	.42
28	.44	1.0	1.6	1.0	2.7	2.2	1.9	1.1	.42	.54	.48	.42
29	.42	1.0	1.6	1.0	2.7	2.1	1.9	1.1	.48	.54	.48	.42
30	.48	-----	1.6	1.0	2.4	2.1	1.9	.92	.60	.54	.48	.42
31	.48	-----	1.6	-----	2.3	-----	1.7	1.0	-----	.54	-----	.41
TOTAL	14.67	24.64	35.69	48.9	39.90	68.6	59.9	37.80	16.00	15.11	17.16	14.16
MEAN	.47	.85	1.15	1.63	1.29	2.29	1.93	1.22	.53	.49	.57	.46
MAX	.55	1.3	1.6	2.0	2.7	2.6	2.2	1.7	1.3	.60	.60	.54
MIN	.42	.42	.81	1.0	.33	2.1	1.7	.92	.30	.42	.48	.33
AC-FT	29	49	71	97	79	136	119	75	32	30	34	28
YEAR 1992	TOTAL	392.53	MEAN	1.07	MAX	2.7	MIN	.30	AC-FT	779		

SOUTH PLATTE RIVER BASIN

WESTERN CANAL from South Platte River - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1918 - present

REMARKS.--e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	116	145e	113	170e	89	35	
2					0	98	100e	116	170e	83	36	
3					37	83	75e	120	170e	80	35	
4					73	80	50e	116	181e	73	32	e
5					75	78	55e	112	170e	59	30	e
6					66	76	45e	115	170	58	28	e
7					51	70	45e	144	138	67	26	e
8					44	64	59	146	172	61	22	e
9					38	46	94	127	206	54	18	
10					35	36	148	111	168	53	9.4	
11					30	69	136	102	152	55	0	
12					27	67	66	112	141	58	0	
13					26	71	96	128	132	55	0	
14					28	62	94	115	161	56	0	
15					27	150e	99	120	169	67	0	
16					29	170e	125	119	163	79	0	
17					33	170e	136	157	159	73	0	
18					27	95e	125	165	125	52	0	
19					23	75e	120	166	123	51	0	
20					22	75e	116	179	119	53	0	
21					22	70e	97	189	117	60	0	
22					28	60e	35	191	88	57	0	
23					37	40e	83	158	76	48	0	
24					29	40e	148	173	75	43	0	
25					37	92	87	121	89	42	0	
26					32	65e	111	87	104	38	0	
27					38	170e	121	100e	113	36	0	
28					47	170e	164	125e	117	37	0	
29					50	170e	157	170e	115	39	0	
30		-----			45	170e	127	170e	92	37	0	
31		-----	-----	-----	58	-----	113	170e	-----	34	-----	
TOTAL					1,114	2,798	3,172	4,237	4,145	1,747	271.4	
MEAN					35.9	93.3	102	137	138	56.4	9.05	
MAX					75	170	164	191	206	89	36	
MIN					0	36	35	87	75	34	0	
AC-FT					2,210	5,550	6,290	8,400	8,220	3,470	538	
YEAR 1992	MAX	206	MIN	0	AC-FT	34,680						

PLATTE RIVER BASIN

TRI-COUNTY CANAL from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	828	1,784	1,541	1,675	905	1,153	2,171	1,587	1,586	742	1,124	1,049
2	819	1,869	1,504	1,546	912	1,145	2,150	1,666	1,648	716	1,053	997
3	833	1,882	1,502	1,521	901	1,053	2,135	1,745	1,801	750	1,055	1,011
4	791	1,893	1,615	1,514	877	930	1,995	1,884	1,739	729	1,043	1,031
5	788	1,829	1,912	1,530	908	851	2,010	2,173	1,614	739	1,034	865
6	780	1,744	2,209	1,487	894	970	2,106	2,179	1,573	704	1,042	943
7	876	1,604	1,969	1,569	979	956	2,180	1,906	1,632	835	1,039	987
8	1,104	1,453	1,833	1,608	1,064	977	2,086	1,812	1,594	854	1,056	1,067
9	1,075	1,385	2,078	1,710	1,030	985	1,974	1,747	1,584	834	1,050	1,022
10	919	1,407	1,973	1,599	1,078	1,200	2,091	1,956	1,572	811	819	1,083
11	891	1,304	2,165	1,578	1,177	1,216	2,189	2,101	1,422	764	847	1,054
12	1,111	1,183	2,191	1,548	1,291	1,206	2,182	2,164	1,281	766	852	1,082
13	1,047	1,246	2,195	1,572	1,205	1,261	2,084	2,178	1,290	755	855	1,077
14	1,161	1,257	2,176	1,517	1,362	1,262	1,854	2,169	1,287	715	843	1,062
15	679	1,224	2,109	1,439	1,410	1,335	1,666	2,194	1,226	757	854	947
16	843	1,226	2,102	1,366	1,310	1,488	1,677	2,185	1,209	731	824	1,059
17	1,014	1,343	2,122	1,023	1,215	1,524	1,953	2,175	1,116	871	805	1,123
18	917	1,434	2,159	1,033	1,231	1,701	2,151	2,175	1,150	901	804	1,181
19	1,078	1,386	2,157	1,087	1,195	1,642	2,052	2,171	899	866	790	1,244
20	1,182	1,377	2,168	1,028	1,293	1,551	1,857	2,160	945	859	785	1,255
21	1,171	1,332	2,171	934	1,250	1,444	1,668	2,122	973	861	765	1,250
22	1,190	1,365	2,169	859	1,194	1,499	1,756	2,061	854	1,056	771	1,267
23	1,197	1,441	2,177	960	1,225	1,286	1,671	2,155	826	1,055	792	1,246
24	1,307	1,584	2,174	893	1,232	1,248	1,646	2,163	798	1,073	792	1,238
25	1,327	1,573	2,160	941	1,261	1,378	1,632	2,164	948	1,070	882	1,276
26	1,335	1,528	2,171	881	1,258	1,601	1,533	2,172	1,246	1,048	963	1,260
27	1,444	1,544	2,153	925	1,252	2,051	1,463	2,158	1,087	1,062	1,027	1,247
28	1,427	1,539	2,141	910	1,228	2,179	1,343	1,964	1,048	1,073	1,028	1,279
29	1,521	1,534	2,152	940	1,182	2,177	1,350	1,694	802	1,131	1,071	1,332
30	1,627	-----	2,058	890	1,176	2,173	1,439	1,606	763	1,231	1,047	1,295
31	1,682	-----	1,898	-----	1,195	-----	1,543	1,534	-----	1,090	-----	1,213
TOTAL	33,964	43,270	63,104	38,083	35,690	41,442	57,607	62,120	37,513	27,449	27,712	35,042
MEAN	1,096	1,492	2,036	1,269	1,151	1,381	1,858	2,004	1,250	885	924	1,130
MAX	1,682	1,893	2,209	1,710	1,410	2,179	2,189	2,194	1,801	1,231	1,124	1,332
MIN	679	1,183	1,502	859	877	851	1,343	1,534	763	704	765	865
AC-FT	67,368	85,826	125,167	75,538	70,791	82,200	114,263	123,215	74,407	54,445	54,967	69,506
YEAR 1992	TOTAL	502,996	MEAN	1,374	MAX	2,209	MIN	679	AC-FT	997,693		

PLATTE RIVER BASIN

JEFFREY RESERVOIR from Platte River - 1992

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 maximum operating level	2759.0	6,349
Normal minimum operating level	2745.0	5,113

DAILY CONTENTS IN ACRE-FEET FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5,512	5,237	5,017	5,567	5,512	5,237	5,512	5,292	5,567	5,292	5,237	5,512
2	5,457	5,677	4,912	5,787	5,512	5,237	5,622	5,732	5,567	5,402	5,127	5,512
3	5,457	5,512	4,962	5,732	5,457	5,292	5,732	5,952	5,677	5,457	5,127	5,457
4	5,402	5,622	5,237	5,787	5,457	5,512	5,622	5,842	5,787	5,457	5,127	5,347
5	5,292	5,622	5,622	5,842	5,567	5,347	5,512	5,622	5,677	5,182	5,072	4,962
6	5,237	5,677	6,007	5,622	5,622	5,402	5,512	5,677	5,622	4,862	5,182	4,612
7	5,237	5,677	5,622	5,457	5,127	5,457	5,567	5,512	5,457	3,914	5,292	4,712
8	5,512	5,622	5,622	5,512	5,292	5,567	5,677	5,622	5,457	3,629	5,347	5,182
9	5,402	5,457	5,567	5,622	5,292	5,677	5,512	5,787	5,512	3,344	5,457	5,402
10	5,402	5,237	5,457	5,677	5,402	5,622	5,567	5,512	5,622	3,534	5,347	5,512
11	5,347	5,567	5,347	5,677	5,457	5,567	5,677	5,567	5,622	3,439	5,402	5,677
12	5,457	5,567	5,402	5,677	5,457	5,512	5,567	5,567	5,512	3,344	5,182	5,787
13	5,567	5,677	5,402	5,732	5,182	5,292	5,567	5,457	5,732	3,629	5,072	5,842
14	5,567	5,512	5,402	5,897	5,237	5,347	5,567	5,567	5,842	3,772	5,182	5,622
15	5,072	5,402	5,347	5,732	5,402	5,402	5,677	5,567	5,787	3,629	5,237	5,347
16	4,662	5,237	5,182	5,732	5,732	5,567	5,622	5,622	5,732	3,439	5,402	5,567
17	5,182	5,127	5,127	5,292	5,402	5,622	5,512	5,732	5,512	3,677	5,457	5,347
18	5,622	5,072	5,182	5,292	5,292	6,007	5,402	5,567	5,622	3,724	5,512	5,237
19	5,677	5,017	5,292	5,292	5,292	5,127	5,787	5,677	5,622	4,112	5,457	5,182
20	5,787	5,017	5,292	5,347	5,182	5,237	5,732	5,622	5,677	4,312	5,567	5,127
21	5,732	5,017	5,182	5,512	5,347	5,292	5,732	5,622	5,787	4,862	5,567	5,237
22	5,512	5,017	5,072	5,622	5,512	5,512	5,677	5,457	5,787	5,072	5,567	5,347
23	5,237	5,182	4,962	5,732	5,457	5,237	5,622	5,512	5,842	5,017	5,567	5,347
24	5,182	5,292	4,962	5,732	5,457	5,237	5,732	5,622	5,842	5,072	5,622	5,127
25	5,127	5,402	4,912	5,787	5,457	5,347	5,842	5,732	5,677	5,182	5,622	5,127
26	4,962	5,402	5,127	5,732	5,457	5,402	5,347	5,732	5,787	5,237	5,567	5,127
27	4,762	5,347	5,292	5,677	5,512	5,402	5,237	5,677	5,567	5,237	5,512	5,072
28	4,562	5,237	5,402	5,622	5,622	5,512	5,457	5,787	5,237	5,292	5,567	5,072
29	4,562	5,072	5,457	5,622	5,457	5,567	5,567	5,787	5,182	5,237	5,677	4,712
30	4,662	-----	5,567	5,567	5,402	5,512	5,897	5,732	5,347	5,347	5,512	4,762
31	5,512	-----	5,567	-----	5,292	-----	5,787	5,732	-----	5,237	-----	4,212
MAX	5,787	5,677	6,007	5,897	5,732	6,007	5,897	5,952	5,842	5,457	5,677	5,842
MIN	4,562	5,017	4,912	5,292	5,127	5,127	5,237	5,292	5,182	3,344	5,072	4,212
CHANGE	110	-275	330	0	-275	220	275	-55.0	-385	-110	275	-1,300
YEAR 1992			MEAN	5,367	MAX	6,007	MIN	3,344				

PLATTE RIVER BASIN

JEFFREY POWER RETURN to Platte River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0	0	0	0	0	99	180	341	39	0	0	0
2	0	0	0	0	0	122	373	284	39	0	0	0
3	0	0	0	0	0	120	363	524	92	0	0	0
4	0	0	0	0	0	123	407	359	151	0	0	0
5	0	0	0	0	0	124	389	349	166	0	0	0
6	0	0	0	0	0	150	458	75	191	0	0	0
7	0	0	0	0	0	166	364	308	278	0	0	0
8	0	0	0	0	0	166	367	531	362	0	0	0
9	0	0	0	0	0	188	350	512	396	0	0	0
10	0	0	0	0	0	216	427	400	361	0	0	0
11	0	0	0	0	0	220	320	353	359	0	0	0
12	0	0	0	0	0	219	187	381	360	0	0	0
13	0	0	0	0	0	218	153	374	343	0	0	0
14	0	0	0	0	52	122	353	129	359	0	0	0
15	0	0	0	0	141	71	520	198	354	0	0	0
16	0	0	0	0	11	133	528	368	346	0	0	0
17	0	0	0	0	0	237	436	487	325	0	0	0
18	0	0	0	0	80	274	445	370	310	0	0	0
19	0	0	0	0	137	263	477	339	304	0	0	0
20	0	0	0	0	141	259	494	450	294	0	0	0
21	0	0	0	0	139	241	448	532	310	0	0	0
22	0	0	0	0	117	269	365	502	278	0	0	0
23	0	0	0	0	85	305	340	457	220	0	0	0
24	0	0	0	0	66	325	258	181	154	0	0	0
25	0	0	0	0	96	224	297	36	56	0	0	0
26	0	0	0	0	107	363	389	26	35	0	0	0
27	0	0	0	0	112	372	485	25	33	0	0	0
28	0	0	0	0	124	284	558	25	29	0	0	0
29	0	0	0	0	157	114	536	24	29	0	0	0
30	0	-----	0	0	166	173	407	24	19	0	0	0
31	0	-----	0	-----	154	-----	288	41	-----	0	-----	0
TOTAL	0	0	0	0	1,885	6,160	11,962	9,005	6,592	0	0	0
MEAN	0	0	0	0	60.8	205	386	290	220	0	0	0
MAX	0	0	0	0	166	372	558	532	396	0	0	0
MIN	0	0	0	0	0	71	153	24	19	0	0	0
AC-FT	0	0	0	0	3,740	12,220	23,730	17,860	13,080	0	0	0
YEAR 1992	TOTAL	35,604	MEAN	97.3	MAX	558	MIN	0	AC-FT	70,620		

PLATTE RIVER BASIN

ELWOOD RESERVOIR from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21,430	20,100	18,890	20,490	29,300	35,700	38,000	35,600	27,500	23,200	21,590	20,180
2	21,430	20,020	18,890	20,800	29,500	35,900	38,000	35,500	27,200	23,100	21,590	20,100
3	21,350	20,020	18,820	21,120	29,700	36,000	37,900	35,200	26,900	23,100	21,510	20,100
4	21,350	19,950	18,820	21,510	30,000	36,200	37,900	34,900	26,500	23,100	21,430	20,020
5	21,270	19,870	18,750	21,830	30,200	36,300	37,900	34,600	26,300	23,100	21,430	19,950
6	21,270	19,870	18,750	22,200	30,300	36,600	37,900	34,300	26,000	23,000	21,350	19,950
7	21,190	19,790	18,750	22,500	30,600	36,700	37,900	33,900	25,700	23,000	21,350	19,870
8	21,190	19,790	18,670	22,800	30,900	36,900	37,800	33,600	25,500	22,900	21,270	19,870
9	21,190	19,720	18,670	23,100	31,100	37,000	37,700	33,300	25,200	22,900	21,190	19,790
10	21,120	19,640	18,600	23,500	31,300	37,200	37,500	33,000	24,100	22,800	21,120	19,790
11	21,120	19,640	18,600	23,800	31,600	37,300	37,300	32,700	24,900	22,700	21,120	19,720
12	21,040	19,570	18,530	24,100	31,800	37,500	37,300	32,300	24,700	22,700	21,040	19,720
13	21,040	19,570	18,530	24,400	32,000	37,600	37,200	32,000	24,600	22,700	21,040	19,640
14	20,960	19,490	18,450	24,800	32,200	37,700	37,100	31,700	24,400	22,600	20,960	19,640
15	20,960	19,490	18,450	25,000	32,400	37,800	37,000	31,300	24,300	22,500	20,960	19,570
16	20,880	19,420	18,380	25,300	32,600	37,900	36,900	31,000	24,300	22,400	20,880	19,570
17	20,800	19,420	18,380	25,600	32,800	37,900	36,800	30,500	24,200	22,400	20,880	19,490
18	20,720	19,340	18,310	25,900	33,000	38,000	36,700	30,300	24,100	22,300	20,800	19,490
19	20,720	19,340	18,310	26,200	33,200	38,000	36,600	29,900	24,000	22,200	20,720	19,420
20	20,640	19,270	18,310	26,500	33,400	38,100	36,600	29,500	23,900	22,200	20,640	19,340
21	20,640	19,270	18,230	26,700	33,600	38,100	36,500	29,100	23,800	22,200	20,640	19,340
22	20,570	19,190	18,230	27,000	33,800	38,300	36,500	28,700	23,800	22,200	20,570	19,270
23	20,490	19,190	18,160	27,300	33,900	38,100	36,300	28,300	23,700	22,080	20,570	19,270
24	20,490	19,120	18,160	27,500	34,200	38,100	36,300	28,000	23,700	22,000	20,490	19,190
25	20,410	19,120	18,090	27,800	34,400	38,100	36,200	28,000	23,600	21,920	20,490	19,190
26	20,410	19,040	18,310	28,000	34,500	38,100	36,200	27,900	23,500	21,920	20,410	19,120
27	20,330	19,040	18,670	28,200	34,700	38,100	36,100	27,800	23,400	21,830	20,330	19,040
28	20,260	18,970	19,040	28,500	34,900	38,000	36,000	27,800	23,400	21,830	20,330	19,040
29	20,180	18,970	19,420	28,700	35,100	38,000	35,900	27,800	23,300	21,750	20,260	18,970
30	20,180	-----	19,720	29,000	35,200	38,000	35,800	27,700	23,300	21,750	20,260	18,970
31	20,100	-----	20,100	-----	35,500	-----	35,700	27,600	-----	21,670	-----	18,890
MAX	21,430	20,100	20,100	29,000	35,500	38,300	38,000	35,600	27,500	23,200	21,590	20,180
MIN	20,100	18,970	18,090	20,490	29,300	35,700	35,700	27,600	23,300	21,670	20,260	18,890
CHANGE	-3,100	-1,130	1,130	8,900	6,500	2,500	-2,300	-8,100	-4,300	-1,630	-1,410	-1,370

YEAR 1992 MEAN 25,814 MAX 38,300 MIN 18,090

PLATTE RIVER BASIN

JOHNSON RESERVOIR from Platte River - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1977 - present

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

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Operating level	2620.0	46,935
Minimum operating level	2590.9	0

DAILY CONTENTS IN ACRE-FEET FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	41,230	40,760	41,230	41,230	41,700	44,185	45,685	44,185	44,435	41,465	40,055	40,995
2	40,995	40,760	40,995	41,230	41,700	44,435	45,185	44,685	43,935	40,525	40,760	41,230
3	40,995	40,760	40,760	40,995	41,700	44,435	44,935	43,935	43,935	40,055	40,760	40,995
4	40,760	40,760	41,230	40,760	41,465	43,935	44,935	43,435	43,185	39,350	40,525	40,995
5	40,995	40,995	40,760	40,995	41,465	43,435	44,935	43,935	43,435	38,175	40,290	40,465
6	40,760	40,995	40,760	41,230	41,230	43,185	45,185	44,685	43,185	37,940	40,760	40,465
7	41,230	40,995	40,760	41,230	40,995	42,685	45,185	45,185	43,185	37,235	40,760	41,700
8	41,465	40,760	40,760	41,465	41,465	42,185	44,935	44,435	43,185	35,915	41,230	41,700
9	41,230	40,760	41,465	41,230	41,230	41,700	44,435	43,435	42,435	34,815	41,465	41,465
10	41,465	40,525	41,700	40,995	41,465	41,230	44,185	42,685	42,435	34,155	41,465	41,465
11	41,465	40,995	41,700	40,760	41,465	40,760	45,185	42,185	42,435	34,375	41,700	40,995
12	41,465	40,995	41,700	40,525	41,935	40,995	44,935	42,185	42,435	33,935	40,760	40,760
13	41,700	40,995	41,935	40,760	42,435	41,230	44,935	41,935	42,185	34,595	40,995	40,760
14	41,935	41,230	42,185	40,760	42,685	42,185	44,935	42,435	41,935	34,155	41,230	40,525
15	41,465	41,230	42,185	40,995	43,185	42,935	44,935	42,935	41,700	34,815	41,230	40,290
16	41,700	41,465	42,185	41,465	43,685	43,685	44,935	43,435	41,465	35,915	41,465	40,525
17	41,700	41,465	42,435	41,465	44,435	43,935	44,935	42,935	41,465	36,135	41,230	40,525
18	41,465	41,465	42,435	41,465	44,435	43,435	45,185	43,185	41,230	35,915	41,230	40,760
19	41,700	41,465	42,685	41,465	44,935	42,935	45,435	42,685	40,995	35,035	41,465	40,760
20	40,995	41,465	42,435	41,465	44,935	42,935	45,185	42,935	40,760	34,815	41,230	40,760
21	40,995	41,465	42,685	40,760	45,185	42,935	45,185	42,685	40,760	34,155	41,230	40,525
22	40,760	41,465	42,685	40,525	44,935	43,435	45,185	42,435	40,290	33,935	41,230	40,525
23	40,290	41,465	42,685	40,760	44,435	43,935	45,185	42,185	40,055	33,935	40,995	40,525
24	40,290	41,700	42,935	40,525	44,435	43,935	45,185	42,685	40,055	33,935	40,995	40,290
25	40,525	41,935	42,685	40,760	44,435	44,185	45,185	43,685	40,525	33,935	40,995	40,290
26	40,525	41,465	42,685	40,525	44,185	43,685	45,185	44,185	41,230	35,035	40,760	40,055
27	40,290	41,465	41,935	40,760	44,435	43,935	44,935	44,685	42,435	35,255	40,525	40,055
28	40,525	41,465	41,935	41,230	44,435	44,685	44,435	44,685	42,935	35,695	40,760	40,055
29	40,525	41,230	41,700	41,465	44,185	45,185	43,935	44,935	42,435	36,135	40,525	40,290
30	40,525	-----	41,700	41,465	44,185	45,435	43,435	44,935	41,465	37,470	40,760	40,525
31	40,760	-----	41,230	-----	44,185	-----	43,935	44,685	-----	38,880	-----	40,760
MAX	41,935	41,935	42,935	41,465	45,185	45,435	45,685	45,185	44,435	41,465	41,700	41,700
MIN	40,290	40,525	40,760	40,525	40,995	40,760	43,435	41,935	40,055	33,935	40,055	40,055
CHANGE	-470	470	0	235	2,720	1,250	-1,500	750	-3,220	-2,585	1,880	0

YEAR 1992 MEAN 41,649 MAX 45,685 MIN 33,935

PLATTE RIVER BASIN

PHELPS COUNTY CANAL from Platte River via Tri-County Canal - 1992

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	70	317	692	439	612			
2				0	138	305	678	444	599			
3				0	159	303	719	550	669			
4				0	158	300	704	808	677			
5				0	155	310	701	785	589			
6				0	207	302	765	821	507			
7				0	203	334	712	801	471			
8				0	94	324	788	782	462			
9				0	130	323	856	761	430			
10				0	130	326	874	820	390			
11				0	95	305	399	915	340			
12				0	109	301	183	895	311			
13				0	175	330	261	938	280			
14				0	183	304	240	887	275			
15				0	235	330	250	843	343			
16				0	263	304	317	783	346			
17				0	258	322	435	803	306			
18				0	284	339	512	876	267			
19				0	295	318	533	926	273			
20				52	300	308	481	899	267			
21				102	316	307	443	862	183			
22				103	319	311	214	816	120			
23				105	322	318	137	753	137			
24				107	326	304	151	761	149			
25				108	310	312	183	394	169			
26				110	307	359	223	226	173			
27				139	347	390	221	294	166			
28				148	341	370	217	294	44			
29				141	327	444	246	304	0			
30		-----		94	325	551	337	298	0			
31		-----	-----	-----	320	-----	351	438	-----		-----	
TOTAL				1,209	7,201	9,971	13,823	21,216	9,555			
MEAN				40.3	232	332	446	684	319			
MAX				148	347	551	874	938	677			
MIN				0	70	300	137	226	0			
AC-FT				2,400	14,280	19,780	27,420	42,080	18,950			
YEAR 1992	MAX	938	MIN	0	AC-FT	124,900						

PLATTE RIVER BASIN

JOHNSON POWER RETURN to Platte River - 1992

LOCATION.--SE1/4NW1/4 Sec. 2-8-21 W. near Overton

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1941 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	598	1,290	1,290	1,420	281	514	1,160	386	1,060	598	236	536
2	609	1,300	1,260	1,340	312	481	1,190	372	1,100	667	273	739
3	631	1,190	1,210	1,110	331	499	1,000	509	1,090	686	682	743
4	644	1,350	1,100	1,070	334	482	751	784	1,010	756	1,120	751
5	647	1,450	1,350	923	332	497	820	750	760	1,010	823	729
6	639	1,450	1,350	801	407	501	873	785	772	1,040	656	731
7	639	1,460	1,690	1,100	395	501	424	758	700	1,310	657	748
8	641	1,400	1,710	1,130	260	490	858	729	629	1,740	654	743
9	668	1,270	1,400	1,230	365	490	1,000	707	536	1,570	649	741
10	660	1,370	1,650	1,200	370	444	1,020	746	373	938	641	756
11	611	958	1,670	1,220	367	515	564	904	283	800	641	800
12	655	918	1,690	1,220	389	415	1,000	854	231	785	1,100	911
13	647	886	1,730	951	492	478	1,480	891	186	308	502	918
14	724	848	1,710	926	394	400	1,320	838	177	514	563	955
15	646	971	1,670	848	402	415	430	792	264	519	570	927
16	765	977	1,740	802	413	388	246	721	255	330	570	843
17	757	1,020	1,730	722	434	675	384	752	196	631	573	737
18	765	1,040	1,730	770	516	1,090	463	833	165	728	587	869
19	762	1,140	1,730	659	475	988	518	882	172	1,050	583	932
20	999	1,140	1,740	623	459	1,360	1,170	851	164	641	555	1,050
21	1,080	1,140	1,740	633	501	805	833	818	162	1,070	567	1,040
22	1,020	1,100	1,740	435	521	608	1,110	767	157	600	572	893
23	1,010	1,090	1,790	291	514	288	1,200	688	166	619	546	1,040
24	1,060	1,110	1,820	373	505	405	1,020	709	165	788	488	1,080
25	1,050	1,120	1,790	388	458	486	1,020	1,240	178	865	579	1,000
26	1,050	1,330	1,750	387	521	514	911	1,320	186	414	678	1,030
27	1,280	1,290	1,750	323	512	577	975	1,100	182	837	598	976
28	1,290	1,290	1,560	304	625	558	456	1,430	581	316	735	1,060
29	1,240	1,320	1,510	267	531	1,070	140	1,070	1,060	270	763	1,030
30	1,260	-----	1,430	250	554	1,130	269	933	1,110	238	601	972
31	1,280	-----	1,570	-----	517	-----	272	1,040	-----	238	-----	857
TOTAL	26,327	34,218	49,600	23,716	13,487	18,064	24,877	25,959	14,070	22,876	18,762	27,137
MEAN	849	1,180	1,600	791	435	602	802	837	469	738	625	875
MAX	1,290	1,460	1,820	1,420	625	1,360	1,480	1,430	1,110	1,740	1,120	1,080
MIN	598	848	1,100	250	260	288	140	372	157	238	236	536
AC-FT	52,220	67,870	98,380	47,040	26,750	35,830	49,340	51,490	27,910	45,370	37,210	53,830

YEAR 1992 TOTAL 299,093 MEAN 817 MAX 1,820 MIN 140 AC-FT 593,300

PLATTE RIVER BASIN

PLATTE RIVER below Tri-County Diversion Dam - 1992

LOCATION.--SW1/4SW1/4 Sec. 10-13-29 W. near North Platte

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1958 - 1966, 1969 - present

REMARKS.--e = estimated discharge due to backwater from ice

EXTREMES FOR CURRENT YEAR.--Peak discharge 1800 cubic feet per second on Aug. 25, gage height 5.09 feet.
Minimum daily discharge 37 cubic feet per second April 29, and Sep. 28 - 30.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	55	57	56	64	43	47	532	495	113	38	56	59
2	54	57	55	66	45	47	500	541	103	38	54	60
3	52	57	55	60	45	44	513	515	95	40	52	61
4	53	57	60	57	44	42	512	636	89	42	54	57
5	52e	57	108	58	46	42	503	830	83	43	53	55
6	52e	57	273	61	50	40	492	837	77	44	52	46
7	50e	57	147	61	51	40	547	561	73	45	56	44
8	48e	56	119	61	51	45	579	582	71	46	59	42
9	46e	52	151	61	49	48	572	621	67	46	56	44
10	48e	50	108	60	46	48	535	675	67	44	54	45
11	50e	55	132	59	45	46	550	686	71	46	54	48
12	50e	53	315	61	46	44	600	645	67	46	53	48
13	50e	63	351	57	49	42	292	880	66	48	53	50
14	52e	70	217	55	47	62	236	878	66	46	53	48
15	52e	71	119	55	50	58	287	794	65	48	51	48
16	54e	72	100	54	48	55	327	707	63	47	52	44
17	51	76	164	52	41	50	322	636	62	46	52	45
18	50	76	188	52	47	45	361	714	60	45	53	44
19	57	75	213	53	45	46	365	580	57	46	53	45
20	50	74	284	55	51	50	383	495	50	45	53	50
21	51	71	311	54	47	54	357	499	49	44	53	48
22	52	71	280	48	48	60	213	577	48	45	50	48
23	61	70	237	48	46	60	160	619	45	47	50	49
24	55	73	232	49	44	107	144	1,040	42	49	51	52
25	58	71	190	47	45	77	92	1,640	40	49	53	50e
26	58	72	122	44	44	128	88	1,300	39	50	57	53
27	57	68	124	41	45	173	114	501	39	48	59	53
28	57	63	71	40	44	455	259	207	37	59	64	55
29	56	61	66	37	44	569	346	159	37	59	66	57
30	54	-----	64	38	43	722	401	137	37	57	67	55e
31	54	-----	64	-----	46	-----	395	121	-----	57	-----	200e
TOTAL	1,639	1,862	4,976	1,608	1,435	3,346	11,577	20,108	1,878	1,453	1,643	1,703
MEAN	52.9	64.2	161	53.6	46.3	112	373	649	62.6	46.9	54.8	54.9
MAX	61	76	351	66	51	722	600	1,640	113	59	67	200
MIN	46	50	55	37	41	40	88	121	37	38	50	42
AC-FT	3,250	3,690	9,870	3,190	2,850	6,640	22,960	39,880	3,730	2,880	3,260	3,380
YEAR 1992	TOTAL	53,228	MEAN	145	MAX	1,640	MIN	37	AC-FT	105,600		

PLATTE RIVER BASIN

PLATTE RIVER at Brady - 1992

LOCATION.--North channel gage (no. 1): SW1/4SW1/4 Sec. 11-12-27 W., South channel gage (no. 4): SW1/4SW1/4 Sec. 23-12-27 W.

GAGE.--Continuous stage recorders on north channel (no. 1) and south channel (no. 4)

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 = estimated discharge due to backwater from ice.

a = estimated discharge due to missing gage height record.

CURRENT YEAR EXTREMES.--Peak combined channel discharge 2430 cubic feet per second on Aug. 25.
Minimum daily combined channel discharge 92 cubic feet per second on May 13.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	144a	149	142	165	120	122	741	427	271	129	143	141e
2	144a	149	136	161	113	130	565	671	238	128	141	141e
3	144a	154	132	162a	107	129	550	468	218	133	136	141e
4	146a	157	153	161a	106	120	508	675	204	135	131	139e
5	148a	156	375	160a	105	117	495	892	195	139	128	133e
6	144a	157	692	159a	107	116	428	1,100	185	142	133	134e
7	148a	153	585	158	104	113	539	755	183	153	133	135e
8	163a	142	399	153	99	111	534	628	178	187	135	134e
9	168a	144	389	147	97	114	630	644	172	181	149	134e
10	163e	145	319	153	96	122	543	672	161	167	151	136e
11	159e	135	319	148	96	113	583	708	154	163	152	136e
12	157e	130	470	139	94	109	627	686	149	159	153	136e
13	151e	138e	585	141	92	105	557	747	144	169	136	136e
14	145e	146	489	147	102	156	357	971	140	159	140	138e
15	142e	151	343	148	115	176	340	867	137	152	142	139e
16	142e	149	249	146	255	149	377	817	132	147	140	138e
17	144e	152	209	146	147	125	392	720	127	150	137	138e
18	146e	158	228	144	125	115	401	764	122	146	137	138e
19	147e	156	268	149	119	109	444	744	120	149	139	138e
20	149e	154	314	149	113	108	485	657	118	150	141	140e
21	148e	148	431	132	113	115	501	590	120	150	139	139e
22	149e	143	402	128	115	118	498	663	116	149	139	139e
23	149e	144	336	132	113	110	358	709	112	143	139	138e
24	149e	189	312	129	112	103	356	1,070	111	143	139	138e
25	149e	205	368	125	109	125	301	2,000	115	141	139e	138e
26	149	179	254	122	114	109	248	2,160	110	143	140e	138e
27	140	164	227	132	113	143	217	1,330	114	140	140e	137e
28	142	162	212	127	115	233	220	718	116	140	141e	137e
29	147	146	204	124	111	568	287	480	117	141	140e	137e
30	147	-----	191	121	109	645	381	372	122	144	141e	135e
31	148	-----	177	-----	111	-----	429	309	-----	142	-----	135e
TOTAL	4,611	4,455	9,910	4,308	3,547	4,728	13,892	25,014	4,501	4,614	4,194	4,256
MEAN	149	154	320	144	114	158	448	807	150	149	140	137
MAX	168	205	692	165	255	645	741	2,160	271	187	153	141
MIN	140	130	132	121	92	103	217	309	110	128	128	133
AC-FT	9,150	8,840	19,660	8,540	7,040	9,380	27,550	49,620	8,930	9,150	8,320	8,440
YEAR 1992	TOTAL	88,030	MEAN	241	MAX	2,160	MIN	92	AC-FT	174,600		

PLATTE RIVER BASIN

THIRTY MILE CANAL from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	75	236	251	76			
2					0	75	268	248	76			
3					0	75	274	263	75			
4					0	74	273	257	26			
5					0	74	273	223	0			
6					0	74	291	222	0			
7					0	74	298	222	0			
8					0	74	298	223	0			
9					0	75	298	223	0			
10					0	75	299	232	0			
11					0	75	299	232	0			
12					0	74	297	244	0			
13					0	74	284	252	0			
14					0	74	279	252	0			
15					62	75	281	250	0			
16					97	75	281	252	0			
17					92	74	282	257	0			
18					87	74	289	253	0			
19					94	74	291	248	0			
20					94	75	280	249	0			
21					77	76	269	237	0			
22					51	76	201	227	0			
23					51	91	177	230	0			
24					51	100	171	221	0			
25					51	100	166	127	0			
26					51	116	172	99	0			
27					52	141	193	86	0			
28					52	149	219	77	0			
29		-----			67	167	239	76	0			
30		-----			75	193	253	75	0			
31		-----		-----	75	-----	252	75	-----		-----	
TOTAL					1,179	2,698	7,983	6,383	253			
MEAN					38.0	89.9	258	206	8.43			
MAX					97	193	299	263	76			
MIN					0	74	166	75	0			
AC-FT					2,340	5,350	15,830	12,660	502			
YEAR 1992	MAX	299	MIN	0	AC-FT	36,690						

PLATTE RIVER BASIN

GOTHENBURG CANAL from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	90	86	275	234	134	21		
2				0	89	86	274	236	133	20		
3				0	89	90	286	248	132	19		
4				0	89	100	297	270	132	19		
5				0	89	99	281	277	131	12		
6				0	89	97	262	268	131	3.8		
7				0	89	96	262	262	147	2.9		
8				0	89	97	270	261	152	0		
9				0	89	97	278	261	125	0		
10				0	89	97	278	260	109	0		
11				5.1	93	97	279	260	104	0		
12				23	104	97	278	258	91	0		
13				94	105	99	270	264	91	0		
14				88	112	95	262	269	91	0		
15				67	122	96	261	268	91	0		
16				67	117	100	260	268	91	0		
17				67	106	92	257	269	91	0		
18				67	100	97	266	268	91	0		
19				66	114	104	285	268	91	0		
20				65	118	105	294	269	91	0		
21				65	109	105	294	269	91	0		
22				88	104	105	280	268	88	0		
23				96	100	104	269	267	90	0		
24				73	101	104	244	268	85	0		
25				74	98	121	229	227	80	0		
26				76	100	147	229	183	79	0		
27				90	102	151	222	154	79	0		
28				90	96	159	213	135	53	0		
29				90	83	220	213	133	22	0		
30		-----		90	85	249	215	133	21	0		
31		-----		-----	86	-----	232	134	-----	0	-----	
TOTAL				1,441.1	3,046	3,392	8,115	7,409	2,937	97.7		
MEAN				48.0	98.3	113	262	239	97.9	3.15		
MAX				96	122	249	297	277	152	21		
MIN				0	83	86	213	133	21	0		
AC-FT				2,860	6,040	6,730	16,100	14,700	5,830	194		
YEAR 1992	MAX	297	MIN	0	AC-FT	52,440						

PLATTE RIVER BASIN

BUFFALO CREEK (B-1) RESERVOIR SUPPLY CANAL from Platte River - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1983, 1985 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	27	21	24	0	1.5			
2				0	23	20	17	0	12			
3				0	24	19	10	0	18			
4				0	25	16	10	0	17			
5				0	22	15	11	0	20			
6				0	14	17	13	0	18			
7				0	13	15	12	0	22			
8				0	15	21	12	0	20			
9				0	15	21	11	0	22			
10				0	14	21	11	0	19			
11				0	17	21	13	0	11			
12				0	17	21	12	0	22			
13				0	22	22	12	0	25			
14				0	25	22	12	0	25			
15				0	26	20	11	0	28			
16				0	16	22	7.3	0	27			
17				0	18	22	4.1	0	27			
18				0	23	22	1.5	0	20			
19				0	22	22	0	0	20			
20				0	23	22	0	0	21			
21				0	25	23	0	0	26			
22				0	27	23	0	0	28			
23				0	27	16	0	0	28			
24				5.3	25	13	0	0	26			
25				11	25	12	0	0	27			
26				12	24	9.1	0	0	25			
27				14	21	17	0	0	25			
28				22	18	15	0	0	23			
29				20	22	17	0	0	12			
30		-----		22	25	22	0	0	.39			
31		-----		-----	19	-----	0	0	-----		-----	
TOTAL				106.3	659	569.1	203.9	0	615.89			
MEAN				3.54	21.3	19.0	6.58	0	20.5			
MAX				22	27	23	24	0	28			
MIN				0	13	9.1	0	0	.39			
AC-FT				211	1,310	1,130	404	0	1,220			
YEAR 1992	MAX	28	MIN	0	AC-FT	4,270						

PLATTE RIVER BASIN

SIX MILE CANAL from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	.85	2.4	26				
2					0	.85	5.6	34				
3					0	.83	8.3	37				
4					0	.74	11	31				
5					0	.67	13	32				
6					0	.59	13	31				
7					0	.49	14	32				
8					0	.47	15	33				
9					0	.51	19	26				
10					0	.60	21	19				
11					0	.64	22	19				
12					0	.66	20	18				
13					.07	.58	17	21				
14					.64	.94	12	22				
15					.71	.65	17	26				
16					6.8	.63	23	37				
17					5.0	.58	23	47				
18					3.9	.81	22	32				
19					3.4	.75	29	24				
20					3.2	.86	34	25				
21					3.0	1.0	33	25				
22					2.8	1.1	31	28				
23					2.7	.91	17	28				
24					2.6	.93	12	27				
25					2.7	1.0	9.7	48				
26					2.6	.87	9.6	24				
27					2.6	1.5	17	8.2				
28					1.6	1.8	23	3.3				
29					.71	1.1	31	.99				
30		-----			.63	2.1	31	.54				
31		-----		-----	.69	-----	26	.36	-----		-----	
TOTAL					46.35	26.01	581.6	765.39				
MEAN					1.50	.87	18.8	24.7				
MAX					6.8	2.1	34	48				
MIN					0	.47	2.4	.36				
AC-FT					92	52	1,150	1,520				
YEAR 1992	MAX	48	MIN	0	AC-FT	2,820						

PLATTE RIVER BASIN

COZAD CANAL from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	9.7	35	114	147	51			
2				0	11	35	132	147	51			
3				0	9.6	37	135	156	49			
4				0	8.8	37	140	173	60			
5				0	7.7	37	142	178	65			
6				0	6.5	38	141	178	66			
7				0	8.4	39	140	176	70			
8				0	16	39	141	175	82			
9				0	18	40	145	174	84			
10				0	17	40	146	174	83			
11				0	16	40	146	174	76			
12				0	16	39	145	174	68			
13				0	15	36	144	175	68			
14				0	14	35	123	179	68			
15				0	18	49	148	180	68			
16				0	16	52	148	180	68			
17				0	25	45	151	179	68			
18				0	28	47	152	172	68			
19				0	28	58	152	172	68			
20				0	30	66	166	172	68			
21				0	30	66	172	172	68			
22				0	30	65	157	172	68			
23				16	30	65	149	174	52			
24				13	31	64	135	170	39			
25				12	31	64	143	55	12			
26				12	31	64	126	6.8	0			
27				12	32	63	146	4.2	0			
28				12	32	63	145	13	0			
29				12	32	63	145	35	0			
30		-----		11	33	71	144	35	0			
31		-----		-----	34	-----	146	47	-----		-----	
TOTAL				100	664.7	1,492	4,459	4,319.0	1,588			
MEAN				3.33	21.4	49.7	144	139	52.9			
MAX				16	34	71	172	180	84			
MIN				0	6.5	35	114	4.2	0			
AC-FT				198	1,320	2,960	8,840	8,570	3,150			
YEAR 1992	MAX	180	MIN	0	AC-FT	25,040						

PLATTE RIVER BASIN

ORCHARD ALFALFA CANAL from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	6.1	.82	52	62	26			
2				0	6.0	.69	56	64	24			
3				0	5.9	.69	55	67	20			
4				0	13	.69	54	65	17			
5				0	22	.69	54	50	16			
6				0	22	.69	54	48	16			
7				0	20	.69	58	49	15			
8				0	18	.69	59	49	24			
9				0	17	.69	66	51	32			
10				0	16	14	72	52	33			
11				0	16	22	48	57	32			
12				0	15	22	29	66	32			
13				0	14	21	27	63	31			
14				0	15	22	22	64	30			
15				0	17	22	53	62	30			
16				0	28	20	70	61	20			
17				0	28	20	70	64	1.2			
18				0	22	21	69	63	0			
19				0	19	21	69	55	0			
20				0	22	21	65	52	0			
21				0	28	22	61	52	0			
22				0	30	22	9.6	52	0			
23				0	27	21	1.3	52	0			
24				0	23	21	1.3	54	0			
25				0	22	22	1.4	24	0			
26				0	11	21	1.3	.99	0			
27				0	.95	25	43	.70	0			
28				0	.84	28	57	.56	0			
29		-----		1.2	.84	42	60	.56	0			
30		-----		4.7	.84	52	65	.56	0			
31		-----		-----	.84	-----	64	3.2	-----			-----
TOTAL				5.9	487.31	508.34	1,466.9	1,404.57	399.2			
MEAN				.20	15.7	16.9	47.3	45.3	13.3			
MAX				4.7	30	52	72	67	33			
MIN				0	.84	.69	1.3	.56	0			
AC-FT				12	967	1,010	2,910	2,790	792			
YEAR 1992	MAX	72	MIN	0	AC-FT	8,470						

PLATTE RIVER BASIN

DAWSON COUNTY CANAL from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	117	182	209	211			
2					0	117	187	234	211			
3					0	117	188	295	197			
4					0	116	188	328	201			
5					0	108	187	352	209			
6					0	102	187	366	207			
7					0	104	185	380	213			
8					0	114	189	382	267			
9					0	116	190	383	302			
10					0	116	189	383	321			
11					0	116	200	382	320			
12					0	116	193	386	320			
13					0	116	181	395	320			
14					0	116	154	402	320			
15					0	116	132	374	320			
16					13	101	164	356	320			
17					95	106	168	409	320			
18					87	119	169	408	301			
19					70	120	172	407	287			
20					71	120	190	407	286			
21					77	124	191	407	276			
22					79	144	182	408	250			
23					79	143	164	408	220			
24					78	144	158	409	209			
25					78	143	163	335	100			
26					99	136	163	270	0			
27					116	145	162	223	0			
28					119	146	171	205	0			
29					119	140	194	209	0			
30		-----			118	159	210	211	0			
31		-----		-----	118	-----	226	211	-----		-----	
TOTAL					1,416	3,697	5,579	10,534	6,508			
MEAN					45.7	123	180	340	217			
MAX					119	159	226	409	321			
MIN					0	101	132	205	0			
AC-FT					2,810	7,330	11,070	20,890	12,910			
YEAR 1992	MAX	409	MIN	0	AC-FT	55,010						

PLATTE RIVER BASIN

PLATTE RIVER near Cozad - 1992

LOCATION.--North channel gage: SE1/4NW1/4 Sec. 18-10-23 W., South channel gage: SW1/4SW1/4 Sec. 18-10-23 W.

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

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

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

e = estimated discharge due to backwater from ice or sand plugging bubble line orifice.
a = estimated discharge due to missing gage height record.

EXTREMES FOR CURRENT YEAR.--Peak combined channel discharge 3260 cubic feet per second August 26.
Minimum daily combined channel discharge 27 cubic feet per second June 15 and July 15.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	255	267	254	316	130	72	63	36	111	183	226	237
2	263	268	249	312	128	53	112	41	70	174	216	242
3	251	267	244	307	120	53	109	65	60	169	224	235
4	249	265	271	299	114	39	60	92	54	163	221	225
5	255	265	374	294	98	34	85	126	67	159	219	210
6	259	255	570	284	96	31	82	65	64	227	225	222
7	295e	244	748	278	91	27	119e	93	84	252	221	221
8	358e	243	671	273	82	27	55	144e	72	242	210	227
9	309	241	615	273	76	32	60	260e	120	229	217	241
10	324e	240	553	274	72	46	79	206e	101	220	226	255
11	354e	230e	526	248	72	53	228e	114	72	214	217	253
12	364e	225e	560	240	69	58	131e	58	90	210	218	261
13	344e	256	718	231	66	47	58	77	91	177	218	245
14	303e	270	797	225	72	116	33	92	78	205	216	223
15	185e	260e	687	243	71	100	27	43	98	234	217	221
16	251e	257a	536	240	202	27	87e	41	88	184	218	242
17	261e	257a	461	247	88	29	115e	122	89	235	218	241
18	281e	260a	450	243	31	53	50	156	83	214	218	231
19	283	258e	505	246	28	120	58	89	79	215	219	234
20	304	257	549	239	28	234	76	52	78	217	217	216
21	311	256	576	234	29	88	100	69	65	217	217	226
22	315	249	650	219	77	70	272e	77	97	220	219	235
23	285	250	611	158	76	58	259	87	101	219	224	230
24	286	270	526	151	45	131	195	122	68	216	225	213
25	285	284	489	160	33	88	121	1,010	177	215	218	219
26	278	292	505	151	39	95	68	2,780	203	216	207	221
27	274	285	421	158	31	66	47	2,830	181	217	208	226
28	273	273	414	154	33	112	54	1,360	168	222	227	213
29	272	260	388	147	46	114	130e	545	175	230	247	195
30	269	-----	348	138	63	64	147e	297	190	235	237	186e
31	268	-----	327	-----	75	-----	56	184	-----	232	-----	200e
TOTAL	8,864	7,504	15,593	6,982	2,281	2,137	3,136	11,333	3,074	6,562	6,610	7,046
MEAN	286	259	503	233	73.6	71.2	101	366	102	212	220	227
MAX	364	292	797	316	202	234	272	2,830	203	252	247	261
MIN	185	225	244	138	28	27	27	36	54	159	207	186
AC-FT	17,580	14,880	30,930	13,850	4,520	4,240	6,220	22,480	6,100	13,020	13,110	13,980
YEAR 1992	TOTAL	81,122	MEAN	222	MAX	2,830	MIN	27	AC-FT	160,900		

PLATTE RIVER BASIN

KEARNEY CANAL from Platte River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	130	199	199	114	138	82		
2				0	130	204	172	110	108	68		
3				0	131	183	168	105	105	58		
4				0	132	186	154	112	103	46		
5				0	131	172	148	127	132	122		
6				0	130	164	146	145	132	193		
7				0	129	161	148	146	132	120		
8				0	129	153	144	145	127	92		
9				0	128	169	147	145	126	18		
10				0	132	171	145	146	118	13		
11				0	151	150	151	146	131	9.7		
12				0	231	178	159	144	136	8.6		
13				0	307	147	171	141	145	7.2		
14				0	312	123	161	145	132	4.7		
15				0	288	96	154	139	130	5.2		
16				0	287	94	167	138	128	4.8		
17				0	285	86	154	137	127	4.3		
18				0	295	204	153	138	125	5.4		
19				0	205	367	151	137	123	7.7		
20				0	171	355	168	134	121	6.8		
21				0	155	342	173	135	121	6.6		
22				0	162	294	144	134	122	7.8		
23				0	170	261	127	134	123	0		
24				52	178	196	120	135	121	0		
25				113	162	253	115	109	120	0		
26				115	141	238	112	100	120	0		
27				112	179	237	110	100	155	0		
28				101	139	236	106	108	196	0		
29				89	215	240	112	104	192	0		
30		-----		111	180	251	118	105	96	0		
31		-----		-----	211	-----	116	155	-----	0	-----	
TOTAL				693	5,726	6,110	4,513	4,013	3,885	890.8		
MEAN				23.1	185	204	146	129	130	28.7		
MAX				115	312	367	199	155	196	193		
MIN				0	128	86	106	100	96	0		
AC-FT				1,370	11,360	12,120	8,950	7,960	7,710	1,770		
YEAR 1992	MAX	367	MIN	0	AC-FT	51,240						

PLATTE RIVER BASIN

KEARNEY POWER RETURN to Platte River - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1939 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	90	192	180	77	130	70		
2				0	114	178	145	75	96	63		
3				0	118	172	138	66	69	53		
4				0	118	167	124	61	65	36		
5				0	115	164	113	55	70	20		
6				0	111	145	111	70	105	146		
7				0	111	141	99	91	99	145		
8				0	110	132	96	87	90	112		
9				0	110	132	95	90	82	46		
10				0	114	159	94	83	73	17		
11				0	129	132	113	78	73	9.7		
12				0	160	140	132	80	82	7.7		
13				0	246	127	141	75	89	4.2		
14				0	256	117	145	68	92	0		
15				0	259	80	111	74	89	0		
16				0	248	69	124	80	86	0		
17				0	244	65	104	78	87	0		
18				0	267	63	103	72	91	0		
19				0	215	254	110	71	94	0		
20				0	139	147	120	79	92	0		
21				0	118	139	143	76	90	0		
22				0	113	126	145	68	89	0		
23				0	129	206	104	71	98	0		
24				0	138	182	105	71	100	0		
25				0	133	185e	95	89	104	0		
26				0	116	185e	93	70	102	0		
27				0	133	185e	92	72	105	0		
28				31	134	185e	86	71	169	0		
29				88	155	180e	69	82	173	0		
30		-----		56	171	180e	83	75	112	0		
31		-----		-----	173	-----	77	98	-----	0	-----	
TOTAL				175	4,787	4,529	3,490	2,353	2,896	729.6		
MEAN				5.83	154	151	113	75.9	96.5	23.5		
MAX				88	267	254	180	98	173	146		
MIN				0	90	63	69	55	65	0		
AC-FT				347	9,500	8,980	6,920	4,670	5,740	1,450		
YEAR 1992	MAX	267	MIN	0	AC-FT	37,610						

PLATTE RIVER BASIN

PLATTE RIVER near Odessa - 1992

LOCATION.--SW1/4NW1/4 Sec. 16-8-17 W.

GAGE.--Continuous stage recorder

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 = estimated discharge due to backwater from iceEXTREMES FOR CURRENT YEAR.--Peak discharge 3350 cubic feet per second at gage height 4.88 feet.
Minimum daily discharge 187 cubic feet per second on May 17.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,490	1,660	1,770	1,930	380	275	517	408	1,150	973	622	825
2	1,370	1,710	1,670	1,750	351	330	580	347	861	605	644	837
3	1,260	1,740	1,590	1,740	351	307	599	298	752	673	654	984
4	1,150	1,610	1,760	1,440	350	287	479	276	659	707	889	1,020
5	1,050	1,750	1,760	1,430	358	269	373	311	597	780	1,340	949
6	1,050	1,740	2,160	1,220	377	249	362	304	501	985	1,090	853
7	1,240	1,620	2,620	1,290	369	232	404	281	561	1,400	887	1,050
8	1,320	1,580	2,870	1,560	349	226	301	266	528	1,920	840	1,070
9	1,310	1,510	2,750	1,590	325	237	373	261	465	2,170	856	1,130
10	1,220	1,480	2,690	1,680	359	279	396	264	424	1,850	869	1,110
11	1,260	1,380	2,720	1,710	359	252	518	289	377	1,160	865	1,060
12	1,290	1,070	2,560	1,590	311	264	819	274	350	1,030	861	1,110
13	1,270	1,020	2,470	1,460	255	244	1,500	260	328	901	1,290	1,200
14	1,100e	1,120	2,440	1,110	255	348	1,600	253	317	679	871	1,300
15	900e	1,130	2,350	1,140	216	355	1,440	250	301	695	887	1,300
16	1,160e	1,250	2,390	1,140	197	336	520	250	277	680	870	1,480
17	1,310	1,360	2,280	1,080	182	289	325	248	259	577	856	1,220
18	1,420	1,420	2,160	1,120	213	403	316	246	249	804	828	1,050
19	1,270	1,380	2,210	1,190	278	612	322	246	240	1,060	841	1,140
20	1,130	1,420	2,230	1,110	276	646	532	246	231	1,140	868	1,180
21	1,350	1,360	2,360	965	257	754	971	244	225	988	857	1,290
22	1,410	1,320	2,400	933	248	634	1,430	235	226	1,300	853	1,290
23	1,230	1,280	2,560	758	248	349	2,640	222	239	982	871	1,120
24	1,160	1,350	2,650	525	248	236	2,240	233	243	967	862	1,320
25	1,240	1,440	2,490	569	255	228	1,720	387	242	1,110	611	1,330
26	1,140	1,630	2,230	630	236	234	1,470	1,630	240	1,120	773	1,290
27	1,210	1,780	2,170	600	234	243	1,190	2,180	256	741	839	1,330
28	1,470	1,770	2,060	462	224	235	1,130	2,990	230	732	830	1,250
29	1,620	1,730	1,980	437	257	234	625	2,930	401	620	854	1,150
30	1,520	-----	1,770	387	237	547	476	2,060	833	591	837	1,140
31	1,560	-----	1,860	-----	247	-----	433	1,240	-----	592	-----	1,000e
TOTAL	39,480	42,610	69,980	34,546	8,802	10,134	26,601	19,929	12,562	30,532	25,915	35,378
MEAN	1,274	1,469	2,257	1,152	284	338	858	643	419	985	864	1,141
MAX	1,620	1,780	2,870	1,930	380	754	2,640	2,990	1,150	2,170	1,340	1,480
MIN	900	1,020	1,590	387	182	226	301	222	225	577	611	825
AC-FT	78,310	84,520	138,800	68,520	17,460	20,100	52,760	39,530	24,920	60,560	51,400	70,170
YEAR 1992	TOTAL	356,469	MEAN	974	MAX	2,990	MIN	182	AC-FT	707,100		

PLATTE RIVER BASIN
(LOUP RIVER)

SARGENT CANAL from Middle Loup River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1							94	44	30			
2							108	44	30			
3							116	50	30			
4							116	63	29			
5							117	82	29			
6							102	94	28			
7							98	64	29			
8							114	43	33			
9							128	43	46			
10							131	46	48			
11							124	74	48			
12							122	84	40			
13							134	81	37			
14							134	77	37			
15							153	89	30			
16							161	94	41			
17							187	112	54			
18							204	165	55			
19						48	204	192	47			
20						77	169	208	44			
21						49	136	197	43			
22						49	88	184	44			
23						49	62	182	9.6			
24						49	62	142				
25						50	63	66				
26						49	63	40				
27						53	80	33				
28						64	103	34				
29						70	123	32				
30		-----				82	79	31				
31		-----		-----		-----	50	31	-----		-----	
TOTAL						689	3,625	2,721	861.6			
MEAN						57.4	117	87.8	37.5			
MAX						82	204	208	55			
MIN						48	50	31	9.6			
AC-FT						1,370	7,190	5,400	1,710			
YEAR 1992	MAX	208	MIN	9.6	AC-FT	15,660						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 1 from Middle Loup River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	16	22	14	16			
2					0	15	25	14	17			
3					0	15	27	20	19			
4					0	14	40	24	19			
5					0	14	38	35	19			
6					0	13	36	43	19			
7					0	12	39	25	19			
8					0	13	43	12	20			
9					0	15	42	15	21			
10					0	14	39	20	23			
11					0	12	33	26	25			
12					12	14	31	27	25			
13					21	17	33	32	25			
14					21	18	41	42	26			
15					21	20	47	42	26			
16					20	19	46	42	26			
17					20	19	45	40	11			
18					20	17	46	37	0			
19					19	15	44	35	0			
20					19	17	44	34	0			
21					19	18	42	39	0			
22					22	18	27	45	0			
23					22	17	18	48	0			
24					21	17	14	46	0			
25					23	17	13	22	0			
26					21	17	15	16	0			
27					18	17	20	13	0			
28					18	17	24	12	0			
29					17	18	29	12	0			
30		-----			17	20	20	12	0			
31		-----		-----	16	-----	15	14	-----		-----	
TOTAL					387	485	998	858	356			
MEAN					12.5	16.2	32.2	27.7	11.9			
MAX					23	20	47	48	26			
MIN					0	12	13	12	0			
AC-FT					768	962	1,980	1,700	706			
YEAR 1992	MAX	48	MIN	0	AC-FT	6,120						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 1 PUMP from Middle Loup River - 1992

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

GAGE.--Flow Meter

PERIOD OF RECORD.--1987 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

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							0	0				
7							0	0				
8							0	0				
9							0	0				
10							0	0				
11							0	0				
12							0	0				
13							0	0				
14							0	5.6				
15							5.0	9.0				
16							9.0	9.0				
17							9.0	9.0				
18							9.0	9.0				
19							9.0	9.0				
20							4.0	9.0				
21							0	3.0				
22							0	0				
23							0	0				
24							0	0				
25							0	0				
26							0	0				
27							0	0				
28							0	0				
29							0	0				
30		-----					0	0				
31		-----		-----		-----	0	0	-----		-----	
TOTAL							45.0	62.6				
MEAN							1.45	2.02				
MAX							9.0	9.0				
MIN							0	0				
AC-FT							89	124				
YEAR 1992	MAX	9.0	MIN	0	AC-FT	213						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 2 from Middle Loup River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	16	30	26	23			
2					0	16	33	26	23			
3					0	16	33	31	23			
4					0	16	35	35	22			
5					0	16	35	35	22			
6					0	16	38	35	22			
7					0	16	43	27	21			
8					0	15	44	22	23			
9					0	16	42	25	28			
10					0	16	40	28	30			
11					0	17	41	33	29			
12					21	17	39	37	28			
13					26	18	38	36	27			
14					26	19	41	38	28			
15					26	19	41	38	27			
16					27	21	41	35	22			
17					26	23	45	38	6.9			
18					26	22	58	43	0			
19					27	21	56	41	0			
20					26	22	48	47	0			
21					26	22	54	51	0			
22					28	22	45	55	0			
23					28	22	33	56	0			
24					28	21	29	49	0			
25					29	20	29	21	0			
26					26	21	30	18	0			
27					21	20	31	18	0			
28					19	19	33	18	0			
29					19	19	42	19	0			
30		-----			18	24	30	19	0			
31		-----		-----	17	-----	27	22	-----		-----	
TOTAL					490	568	1,204	1,022	404.9			
MEAN					15.8	18.9	38.8	33.0	13.5			
MAX					29	24	58	56	30			
MIN					0	15	27	18	0			
AC-FT					972	1,130	2,390	2,030	803			
YEAR 1992	MAX	58	MIN	0	AC-FT	7,320						

PLATTE RIVER BASIN

(LOUP RIVER)

MIDDLE LOUP CANAL NO. 3 from Middle Loup River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	36	98	20	32			
2					0	37	106	33	32			
3					0	36	107	66	44			
4					0	35	106	74	44			
5					0	34	109	74	58			
6					0	29	132	87	59			
7					0	27	90	89	61			
8					0	25	64	90	62			
9					0	25	48	92	62			
10					0	25	59	100	64			
11					0	25	61	106	71			
12					51	25	60	106	72			
13					69	24	60	97	72			
14					50	25	61	85	71			
15					46	25	79	81	70			
16					45	24	95	82	69			
17					46	25	106	91	30			
18					46	24	122	98	0			
19					46	24	127	100	0			
20					44	24	125	100	0			
21					39	23	112	109	0			
22					38	22	68	122	0			
23					37	26	61	122	0			
24					37	36	59	110	0			
25					36	44	57	53	0			
26					37	49	56	33	0			
27					37	59	58	33	0			
28					37	59	62	33	0			
29					37	63	76	33	0			
30		-----			36	87	56	32	0			
31		-----		-----	36	-----	22	32	-----		-----	
TOTAL					850	1,022	2,502	2,383	973			
MEAN					27.4	34.1	80.7	76.9	32.4			
MAX					69	87	132	122	72			
MIN					0	22	22	20	0			
AC-FT					1,690	2,030	4,960	4,730	1,930			
YEAR 1992	MAX	132	MIN	0	AC-FT	15,330						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 4 from Middle Loup River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	40	106	34	39			
2					0	43	118	40	43			
3					0	43	126	49	43			
4					0	43	126	60	34			
5					0	44	124	70	55			
6					0	45	119	83	58			
7					0	45	86	85	57			
8					0	44	74	82	61			
9					0	45	69	83	61			
10					0	45	68	96	58			
11					0	45	68	103	55			
12					0	44	68	103	55			
13					0	45	77	97	55			
14					0	45	82	87	54			
15					0	45	82	81	52			
16					0	44	84	82	50			
17					0	45	96	86	23			
18					44	46	103	83	0			
19					68	46	106	81	0			
20					66	47	105	83	0			
21					53	48	100	88	0			
22					51	48	55	87	0			
23					51	49	49	85	0			
24					49	50	49	81	0			
25					48	48	48	41	0			
26					48	49	48	34	0			
27					47	55	60	39	0			
28					46	59	60	39	0			
29					44	73	70	36	0			
30		-----			42	93	45	41	0			
31		-----		-----	39	-----	26	43	-----		-----	
TOTAL					696	1,461	2,497	2,182	853			
MEAN					22.5	48.7	80.5	70.4	28.4			
MAX					68	93	126	103	61			
MIN					0	40	26	34	0			
AC-FT					1,380	2,900	4,950	4,330	1,690			
YEAR 1992	MAX	126	MIN	0	AC-FT	15,250						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 4 from Sherman Feeder Canal - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1							0	0				
2							0	0				
3							2.1	0				
4							6.2	0				
5							2.4	0				
6							0	0				
7							0	0				
8							0	0				
9							0	0				
10							0	0				
11							0	1.0				
12							0	0				
13							0	0				
14							0	0				
15							0	0				
16							0	0				
17							0	0				
18							0	0				
19							0	0				
20							0	0				
21							0	0				
22							0	0				
23							0	0				
24							0	0				
25							0	0				
26							0	4.2				
27							0	3.3				
28							0	0				
29							0	0				
30		-----					0	0				
31		-----		-----		-----	0	0	-----		-----	
TOTAL							10.7	8.5				
MEAN							.35	.27				
MAX							6.2	4.2				
MIN							0	0				
AC-FT							21	17				
YEAR 1992	MAX	6.2	MIN	0	AC-FT	38						

PLATTE RIVER BASIN
(LOUP RIVER)

FARWELL (SHERMAN FEEDER) CANAL from Middle Loup River - 1992

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					350	106	392	439				
2					350	106	408	424				
3					349	95	456	290				
4					342	109	458	221				
5					354	164	439	109				
6					354	196	356					
7					353	200	411					
8					352	228	446		136			
9					352	248	433		268			
10					352	251	438		309			
11					343	251	441		306			
12					341	253	442		325			
13				199	349	253	440		329			
14				292	361	254	438		338			
15				291	363	256	359		342			
16				289	358	258	282		348			
17				285	344	273	264		122			
18				290	345	285	198					
19				297	317	286	192					
20				297	299	287	253					
21				334	299	286	324					
22				349	300	325	417					
23				340	300	353	415					
24				352	289	349	419					
25				357	311	353	422					
26				354	308	351	429					
27				348	301	352	429					
28				348	301	356	424					
29				343	279	406	382					
30		-----		349	99	432	403					
31		-----		-----	97	-----	423		-----		-----	
TOTAL				5,714	9,812	7,922	12,033	1,483	2,823			
MEAN				317	317	264	388	297	282			
MAX				357	363	432	458	439	348			
MIN				199	97	95	192	109	122			
AC-FT				11,330	19,460	15,710	23,870	2,940	5,600			
YEAR 1992	MAX	458	MIN	95	AC-FT	78,920						

PLATTE RIVER BASIN
(LOUP RIVER)

SHERMAN RESERVOIR storage in acre-feet - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	50,584	49,650	48,501	48,042	55,670	69,365	69,653	66,808	52,241	54,429	53,210	51,768
2	50,584	49,650	48,501	47,812	56,173	69,653	69,365	67,369	52,004	54,429	53,210	51,768
3	50,584	49,650	48,501	47,812	56,926	69,653	69,076	67,650	51,768	54,429	52,966	51,768
4	50,584	49,421	48,501	47,812	57,428	69,653	68,788	67,930	51,531	54,185	52,966	51,531
5	50,584	49,421	48,731	47,589	57,945	69,653	68,211	67,650	51,294	54,185	52,966	51,531
6	50,584	49,421	48,731	47,589	58,462	69,365	67,650	67,650	51,057	54,185	52,722	51,531
7	50,584	49,421	48,731	47,589	58,720	69,365	67,088	67,369	51,294	54,185	52,722	51,531
8	50,584	49,421	48,961	47,589	59,495	69,076	67,369	67,088	51,057	54,429	52,722	51,531
9	50,584	49,191	48,961	47,306	60,012	69,076	67,650	66,808	51,294	54,185	52,722	51,531
10	50,584	49,191	48,961	47,306	60,544	69,076	67,930	66,527	51,531	54,185	52,722	51,531
11	50,584	49,191	48,961	47,306	61,076	69,076	68,211	65,965	52,004	54,185	52,478	51,531
12	50,584	49,191	48,731	47,143	61,342	69,076	68,211	65,965	52,478	54,185	52,478	51,531
13	50,584	49,191	48,731	47,143	61,873	69,076	68,211	65,134	53,210	54,185	52,478	51,531
14	50,347	49,191	48,731	47,306	62,404	69,076	68,211	64,584	53,554	54,185	52,478	51,531
15	50,347	49,191	48,731	47,812	62,944	69,076	67,930	64,038	54,185	53,941	52,478	51,531
16	50,347	48,961	48,731	48,272	63,491	69,076	67,650	63,218	54,973	53,941	52,241	51,294
17	50,347	48,961	48,501	48,731	64,038	69,076	66,808	62,404	55,168	53,698	52,241	51,294
18	50,347	49,191	48,501	49,191	64,584	69,076	65,965	61,607	55,419	53,491	52,241	51,294
19	50,110	48,961	48,501	49,650	64,857	69,076	65,134	60,544	55,419	53,698	52,241	51,294
20	50,110	48,961	48,501	50,110	65,404	69,076	64,038	59,495	55,419	53,698	52,241	51,294
21	50,110	48,961	48,501	50,584	65,965	69,076	63,491	58,203	55,168	53,698	52,241	51,294
22	50,110	48,961	48,272	50,820	66,246	69,076	62,944	56,926	55,168	53,698	52,241	51,057
23	49,880	48,961	48,272	51,531	66,527	69,076	63,218	55,670	55,168	53,698	52,241	51,057
24	49,880	48,961	48,272	52,004	66,808	69,365	63,764	54,973	55,168	53,554	52,241	51,057
25	49,880	48,961	48,272	52,478	67,369	69,365	64,038	53,941	55,168	53,554	52,241	51,057
26	49,880	48,961	48,272	52,966	67,650	69,365	64,584	53,554	55,168	53,554	52,004	51,057
27	49,880	48,731	48,042	53,554	67,930	69,365	64,857	53,210	55,168	53,554	52,004	51,057
28	49,650	48,731	48,042	53,941	68,499	69,365	65,404	53,210	55,168	53,554	52,004	51,057
29	49,650	48,731	48,042	54,973	68,788	69,365	65,685	52,966	55,168	53,210	52,004	51,057
30	49,650	-----	48,042	55,168	69,076	69,365	65,965	52,722	54,429	53,210	51,768	50,820
31	49,650	-----	48,042	-----	69,365	-----	66,527	52,478	-----	53,210	-----	50,820
MAX	50,584	49,650	48,961	55,168	69,365	69,653	69,653	67,930	55,419	54,429	53,210	51,768
MIN	49,650	48,731	48,042	47,143	55,670	69,076	62,944	52,478	51,057	53,210	51,768	50,820
CHANGE	-934	-919	-689	7,126	14,197	0	-2,838	-14,049	1,951	-1,219	-1,442	-948
YEAR 1992			MEAN	55,792	MAX	69,653	MIN	47,143				

PLATTE RIVER BASIN
(LOUP RIVER)

FARWELL "MAIN" CANAL from Sherman Reservoir - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						0	230	73	58			
2						0	283	73	58			
3						0	325	85	61			
4						0	396	123	62			
5						60	412	83	20			
6						104	412	61	0			
7						103	221	62	0			
8						103	128	61	0			
9						103	141	61	0			
10						103	149	66	0			
11						103	205	70	0			
12						103	224	80	0			
13						103	280	94	0			
14						100	361	140	0			
15						99	408	162	0			
16						99	436	163	0			
17						116	453	235	0			
18						112	424	304	0			
19						93	417	362	0			
20						93	412	417	0			
21						93	412	440	0			
22						93	181	431	0			
23						93	84	426	0			
24						93	83	417	0			
25						131	84	180	0			
26						149	86	62	0			
27						149	84	59	0			
28						149	104	55	0			
29						156	136	56	0			
30		-----				170	96	58	0			
31		-----		-----		-----	72	58	-----		-----	
TOTAL						2,873	7,739	5,017	259			
MEAN						95.8	250	162	8.63			
MAX						170	453	440	62			
MIN						0	72	55	0			
AC-FT						5,700	15,350	9,950	514			
YEAR 1992	MAX	453	MIN	0	AC-FT	31,510						

PLATTE RIVER BASIN
(LOUP RIVER)

FARWELL "SOUTH" CANAL from Sherman Reservoir - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						0	162	40	43			
2						0	183	41	45			
3						0	184	55	50			
4						0	207	97	52			
5						36	214	90	17			
6						60	211	73	0			
7						60	161	67	0			
8						60	100	68	0			
9						60	80	72	0			
10						60	78	72	0			
11						59	79	88	0			
12						59	79	112	0			
13						59	74	137	0			
14						58	98	159	0			
15						64	109	167	0			
16						72	129	167	0			
17						75	158	173	0			
18						75	169	197	0			
19						85	169	198	0			
20						89	180	201	0			
21						89	209	211	0			
22						89	96	217	0			
23						89	46	217	0			
24						89	46	214	0			
25						87	46	97	0			
26						88	46	42	0			
27						93	43	37	0			
28						94	45	33	0			
29						106	63	33	0			
30		-----				122	46	35	0			
31		-----		-----		-----	37	37	-----		-----	
TOTAL						1,977	3,547	3,447	207			
MEAN						65.9	114	111	6.90			
MAX						122	214	217	52			
MIN						0	37	33	0			
AC-FT						3,920	7,040	6,840	411			
YEAR 1992	MAX	217	MIN	0	AC-FT	18,200						

PLATTE RIVER BASIN
(LOUP RIVER)

TAYLOR-ORD CANAL from North Loup River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	71	82	101	46			
2					0	70	99	101	43			
3					0	64	122	115	51			
4					78	63	118	121	56			
5					92	60	115	94	53			
6					51	60	115	56	51			
7					57	58	124	63	47			
8					55	57	134	60	33			
9					59	55	98	63	40			
10					59	55	103	62	48			
11					59	55	156	67	48			
12					61	57	161	68	48			
13					58	59	166	66	47			
14					59	57	186	69	46			
15					62	59	190	66	43			
16					63	55	198	70	43			
17					57	51	202	92	43			
18					60	52	202	107	40			
19					64	51	198	110	42			
20					68	52	190	107	42			
21					70	54	188	111	43			
22					67	49	162	122	42			
23					68	51	146	121	43			
24					69	48	139	106	46			
25					67	51	134	49	14			
26					67	62	132	44	0			
27					69	69	129	51	0			
28					69	71	130	66	0			
29					71	72	134	60	0			
30		-----			71	71	109	47	0			
31		-----		-----	70	-----	101	46	-----		-----	
TOTAL					1,820	1,759	4,463	2,481	1,098			
MEAN					58.7	58.6	144	80.0	36.6			
MAX					92	72	202	122	56			
MIN					0	48	82	44	0			
AC-FT					3,610	3,490	8,850	4,920	2,180			
YEAR 1992		MAX 202		MIN 0		AC-FT 23,050						

PLATTE RIVER BASIN
(LOUP RIVER)

TAYLOR-ORD CANAL inlet to Mirdan Canal - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	40	49	84	29			
2					0	43	60	81	29			
3					0	38	90	83	29			
4					0	35	92	85	38			
5					37	39	96	83	39			
6					54	35	88	41	36			
7					40	34	86	56	42			
8					39	32	89	48	28			
9					36	33	78	50	27			
10					37	36	55	50	28			
11					25	34	90	45	23			
12					29	33	105	43	27			
13					30	36	101	42	27			
14					26	37	112	45	30			
15					30	39	115	39	27			
16					32	37	116	40	26			
17					27	36	121	37	27			
18					27	34	123	33	27			
19					26	36	126	32	25			
20					32	35	118	30	29			
21					35	36	120	26	29			
22					35	38	116	31	29			
23					35	34	105	36	28			
24					39	33	99	51	42			
25					38	34	95	43	48			
26					37	39	96	26	38			
27					39	47	92	28	33			
28					40	53	89	32	35			
29					41	54	87	42	15			
30		-----			40	48	87	30	.16			
31		-----		-----	39	-----	83	27	-----		-----	
TOTAL					945	1,138	2,979	1,419	890.16			
MEAN					30.5	37.9	96.1	45.8	29.7			
MAX					54	54	126	85	48			
MIN					0	32	49	26	.16			
AC-FT					1,870	2,260	5,910	2,810	1,770			
YEAR 1992		MAX 126		MIN 0		AC-FT 14,620						

PLATTE RIVER BASIN
(LOUP RIVER)

TAYLOR-ORD CANAL outlet from Mirdan Canal - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	27	33	80	32			
2					0	27	34	78	32			
3					0	26	56	75	31			
4					0	23	78	71	36			
5					0	23	76	78	41			
6					38	23	74	60	39			
7					41	22	70	60	39			
8					44	21	70	53	36			
9					41	21	76	50	30			
10					37	25	76	53	28			
11					35	25	80	52	29			
12					33	23	80	50	30			
13					31	24	73	46	30			
14					30	26	71	46	30			
15					21	28	75	47	30			
16					18	25	78	44	29			
17					20	24	77	40	29			
18					18	14	78	34	30			
19					15	13	82	29	28			
20					19	23	84	24	29			
21					21	15	86	20	31			
22					23	13	87	17	32			
23					23	23	76	21	30			
24					24	22	72	32	30			
25					23	21	72	47	38			
26					23	22	70	39	39			
27					23	29	76	29	33			
28					24	37	82	34	24			
29					26	40	81	42	4.9			
30		-----			27	38	79	37	0			
31		-----		-----	27	-----	79	32	-----		-----	
TOTAL					705	723	2,281	1,420	899.9			
MEAN					22.7	24.1	73.6	45.8	30.0			
MAX					44	40	87	80	41			
MIN					0	13	33	17	0			
AC-FT					1,400	1,430	4,520	2,820	1,780			
YEAR 1992		MAX	87	MIN	0	AC-FT	11,960					

PLATTE RIVER BASIN
(LOUP RIVER)

CALAMUS RESERVOIR from Calamus River - 1992

LOCATION.--NE1/4SW1/4 Sec. 31-22-16 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1985 - present

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

DAILY CONTENTS IN ACRE-FEET FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	109,000	109,000	109,000	125,000	125,000	128,000	123,000	110,000	98,100	81,300	95,300	108,000
2	109,000	109,000	108,000	125,000	125,000	128,000	123,000	110,000	97,700	81,400	95,900	108,000
3	109,000	109,000	109,000	125,000	125,000	129,000	122,000	109,000	97,100	81,800	96,400	108,000
4	109,000	109,000	109,000	125,000	125,000	129,000	121,000	108,000	96,200	81,900	96,900	108,000
5	109,000	109,000	110,000	125,000	125,000	129,000	121,000	108,000	95,600	82,700	97,400	108,000
6	109,000	109,000	111,000	125,000	125,000	129,000	121,000	108,000	94,800	83,100	97,400	108,000
7	109,000	109,000	111,000	125,000	125,000	129,000	121,000	109,000	94,800	84,100	97,900	108,000
8	109,000	109,000	112,000	125,000	126,000	129,000	121,000	108,000	94,300	84,800	98,300	108,000
9	109,000	109,000	113,000	125,000	126,000	129,000	120,000	108,000	93,700	84,800	98,800	109,000
10	109,000	109,000	114,000	125,000	126,000	129,000	120,000	108,000	93,000	85,400	99,500	109,000
11	110,000	109,000	114,000	125,000	127,000	128,000	119,000	108,000	92,200	85,900	99,700	109,000
12	110,000	109,000	115,000	125,000	127,000	128,000	118,000	108,000	91,400	86,500	100,000	108,000
13	110,000	109,000	116,000	125,000	127,000	128,000	118,000	107,000	90,500	86,900	101,000	109,000
14	109,000	109,000	116,000	125,000	127,000	127,000	117,000	107,000	90,100	87,300	101,000	109,000
15	109,000	109,000	117,000	125,000	127,000	127,000	116,000	106,000	89,700	87,700	101,000	109,000
16	108,000	109,000	117,000	125,000	128,000	127,000	116,000	106,000	88,900	88,100	102,000	109,000
17	108,000	109,000	118,000	125,000	128,000	127,000	115,000	106,000	88,200	88,600	102,000	109,000
18	108,000	109,000	119,000	125,000	128,000	126,000	114,000	105,000	87,500	88,900	103,000	109,000
19	109,000	109,000	119,000	125,000	128,000	126,000	113,000	105,000	86,600	89,200	103,000	109,000
20	109,000	109,000	119,000	125,000	128,000	126,000	113,000	104,000	85,700	89,900	104,000	109,000
21	109,000	109,000	120,000	125,000	128,000	125,000	112,000	103,000	85,000	90,200	104,000	109,000
22	109,000	109,000	120,000	125,000	128,000	125,000	112,000	103,000	84,400	90,700	105,000	109,000
23	109,000	109,000	121,000	125,000	128,000	125,000	112,000	102,000	83,500	91,300	105,000	109,000
24	109,000	109,000	121,000	125,000	128,000	125,000	111,000	102,000	82,800	91,900	106,000	109,000
25	109,000	109,000	122,000	125,000	127,000	124,000	112,000	102,000	82,300	92,200	106,000	109,000
26	109,000	109,000	122,000	125,000	128,000	124,000	111,000	101,000	82,200	92,700	107,000	109,000
27	109,000	109,000	122,000	125,000	128,000	124,000	111,000	101,000	82,000	93,000	107,000	109,000
28	109,000	109,000	123,000	125,000	128,000	123,000	111,000	100,000	81,800	93,500	107,000	109,000
29	109,000	109,000	124,000	125,000	128,000	123,000	111,000	99,900	81,400	93,900	108,000	109,000
30	109,000	-----	124,000	125,000	128,000	123,000	111,000	99,300	81,400	94,400	108,000	109,000
31	109,000	-----	124,000	-----	128,000	-----	110,000	98,800	-----	94,700	-----	109,000
MAX	110,000	109,000	124,000	125,000	128,000	129,000	123,000	110,000	98,100	94,700	108,000	109,000
MIN	108,000	109,000	108,000	125,000	125,000	123,000	110,000	98,800	81,400	81,300	95,300	108,000
CHANGE	369	462	15,150	657	3,110	-5,580	-12,360	-11,460	-17,410	13,270	13,430	415
YEAR 1992				MEAN 110,200		MAX 129,000		MIN 81,300				

PLATTE RIVER BASIN
(LOUP RIVER)

MIRDAN CANAL from Calamus Reservoir - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	53	87	115	259			
2					0	50	96	122	255			
3					0	53	111	203	259			
4					68	55	133	263	268			
5					92	54	132	179	266			
6					146	54	155	137	265			
7					165	57	162	91	265			
8					133	54	169	78	262			
9					112	51	193	80	262			
10					110	49	231	62	268			
11					165	50	221	57	279			
12					175	52	197	61	282			
13					138	50	194	70	280			
14					144	49	234	84	287			
15					139	48	299	98	289			
16					122	51	313	114	287			
17					114	50	319	126	277			
18					113	53	318	126	270			
19					112	54	317	179	268			
20					117	53	268	206	267			
21					119	52	249	232	277			
22					119	45	156	217	279			
23					119	50	63	210	257			
24					119	54	53	292	168			
25					119	63	52	283	40			
26					119	81	51	254	0			
27					116	126	68	262	0			
28					74	133	117	262	0			
29					64	86	149	263	0			
30		-----			64	76	103	264	0			
31		-----		-----	65	-----	81	262	-----		-----	
TOTAL					3,262	1,806	5,291	5,252	6,436			
MEAN					105	60.2	171	169	215			
MAX					175	133	319	292	289			
MIN					0	45	51	57	0			
AC-FT					6,470	3,580	10,490	10,420	12,770			
YEAR 1992		MAX	319	MIN	0	AC-FT	43,730					

PLATTE RIVER BASIN
(LOUP RIVER)

SCOTIA CANAL from Mirdan Canal - 1992

LOCATION.--SW1/4NE1/4 Sec. 23-18-15 W. near Arcadia

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989 to present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	29	31	27	17			
2					0	27	33	27	17			
3					0	27	27	36	17			
4					0	27	27	52	17			
5					0	27	28	33	17			
6					0	28	29	20	17			
7					0	28	37	20	17			
8					11	28	40	19	16			
9					14	27	38	19	16			
10					15	27	41	20	16			
11					23	27	45	19	16			
12					29	27	47	21	16			
13					30	27	58	25	18			
14					30	27	85	29	19			
15					28	27	110	29	18			
16					27	27	115	29	19			
17					29	28	115	29	19			
18					30	28	109	29	19			
19					30	28	108	43	18			
20					34	29	107	55	18			
21					34	29	111	63	18			
22					34	28	82	67	18			
23					34	26	38	68	18			
24					33	25	30	80	6.1			
25					32	25	30	56	0			
26					32	25	30	22	0			
27					32	25	29	16	0			
28					33	24	51	17	0			
29					31	25	69	17	0			
30		-----			30	28	46	16	0			
31		-----		-----	30	-----	27	17	-----		-----	
TOTAL					685	810	1,773	1,020	407.1			
MEAN					22.1	27.0	57.2	32.9	13.6			
MAX					34	29	115	80	19			
MIN					0	24	27	16	0			
AC-FT					1,360	1,610	3,520	2,020	807			
YEAR 1992		MAX 115		MIN 0		AC-FT 9,310						

PLATTE RIVER BASIN
(LOUP RIVER)

INLET TO DAVIS CREEK RESERVOIR from Mirdan Canal - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	17	39	56	222			
2					0	13	47	80	223			
3					0	12	46	132	229			
4					0	11	51	180	230			
5					0	11	56	141	228			
6					0	10	74	102	234			
7					0	9.6	90	70	234			
8					0	9.8	92	38	234			
9					10	9.7	94	38	234			
10					19	9.5	94	32	234			
11					55	8.9	92	24	234			
12					76	8.6	91	24	234			
13					45	7.6	91	24	235			
14					45	7.5	91	23	238			
15					63	7.5	94	23	241			
16					63	7.8	99	23	244			
17					60	8.2	99	22	246			
18					61	9.9	100	23	245			
19					61	12	98	31	245			
20					58	12	53	46	243			
21					58	12	27	62	241			
22					59	12	31	65	238			
23					61	18	33	65	221			
24					61	23	33	127	151			
25					63	28	32	209	66			
26					66	36	32	227	28			
27					68	67	30	220	26			
28					43	92	27	221	24			
29					19	58	27	222	22			
30		-----			21	32	28	226	21			
31		-----		-----	23	-----	28	226	-----		-----	
TOTAL					1,158	580.6	1,919	3,002	5,745			
MEAN					37.4	19.4	61.9	96.8	192			
MAX					76	92	100	227	246			
MIN					0	7.5	27	22	21			
AC-FT					2,300	1,150	3,810	5,950	11,400			
YEAR 1992		MAX 246		MIN 0		AC-FT 24,600						

PLATTE RIVER BASIN
(LOUP RIVER)

DAVIS CREEK RESERVOIR from Calamus Reservoir via Mirdan Canal - 1992

LOCATION.--NW1/4SW1/4 Section 30-17-12 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1992 to present

REMARKS.--Record started March 13, 1992. Values furnished by U. S. Bureau of Reclamation.

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	*	*	*	2,235	2,042	3,784	3,989	3,018	6,324	12,637	12,637	11,549
2	*	*	*	2,226	2,035	3,795	3,991	3,060	6,700	12,618	12,619	11,520
3	*	*	*	2,220	2,028	3,792	3,994	3,068	7,004	12,564	12,564	11,468
4	*	*	*	2,215	2,021	3,787	4,011	3,127	7,431	12,515	12,516	11,434
5	*	*	*	2,209	2,012	3,773	4,014	3,377	7,792	12,455	12,455	11,405
6	*	*	*	2,204	2,004	3,839	3,994	3,485	8,123	12,401	12,401	11,371
7	*	*	*	2,196	1,994	3,825	3,997	3,733	8,436	*	12,345	11,343
8	*	*	*	2,187	1,982	3,850	3,994	3,744	8,676	*	12,335	11,314
9	*	*	*	2,180	1,974	3,858	3,983	3,757	8,936	*	12,305	11,297
10	*	*	*	2,174	2,006	3,863	3,977	3,776	9,260	*	12,275	11,269
11	*	*	*	2,167	2,056	3,863	3,975	3,776	9,592	*	12,227	11,235
12	*	*	*	2,160	2,194	3,861	3,961	3,763	9,869	*	12,204	11,201
13	*	*	2,352	2,151	2,313	3,852	3,949	3,757	10,334	*	12,144	11,184
14	*	*	2,346	2,145	2,367	3,850	3,941	3,754	10,636	*	12,085	11,168
15	*	*	2,338	2,142	2,461	3,847	3,933	3,741	11,028	*	12,055	11,140
16	*	*	2,330	2,138	2,570	3,828	3,930	3,738	11,314	*	12,038	11,117
17	*	*	2,325	2,133	2,661	3,814	3,938	3,735	11,663	*	12,002	11,083
18	*	*	2,325	2,128	2,755	3,803	3,935	3,733	12,073	*	11,961	11,061
19	*	*	2,317	2,122	2,856	3,806	3,977	3,698	12,479	*	11,944	11,039
20	*	*	2,311	2,120	2,962	3,776	3,989	3,679	12,845	*	11,914	11,016
21	*	*	2,305	2,115	3,056	3,771	3,863	3,674	13,136	*	11,873	10,983
22	*	*	2,298	2,103	3,147	3,725	3,760	3,668	13,470	*	11,832	10,950
23	*	*	2,290	2,097	3,220	3,719	3,642	3,631	13,842	*	11,792	10,927
24	*	*	2,282	2,094	3,299	3,738	3,531	3,605	14,044	*	11,780	10,900
25	*	*	2,277	2,085	3,410	3,760	3,282	3,877	14,142	*	11,751	10,867
26	*	*	2,269	2,076	3,508	3,773	3,367	4,238	14,109	*	11,699	10,839
27	*	*	2,260	2,068	3,607	3,801	3,304	4,587	14,044	*	11,664	10,811
28	*	*	2,258	2,059	3,714	3,919	3,240	4,927	13,978	*	11,618	10,786
29	*	*	2,254	2,057	3,725	4,054	3,186	5,284	13,978	*	11,589	10,762
30	*	-----	2,250	2,050	3,733	4,054	3,130	5,603	13,887	*	11,566	10,729
31	*	-----	2,246	-----	3,749	-----	3,080	5,980	-----	*	-----	10,696
MAX			2,352	2,235	3,749	4,054	4,014	5,980	14,142	12,637	12,637	11,549
MIN			2,246	2,050	1,974	3,719	3,080	3,018	6,324	12,401	11,566	10,696
CHANGE				-196	1,699	305	-974	2,900	7,907			-870
YEAR 1992			MEAN	6,151	MAX	14,142	MIN	1,974				

PLATTE RIVER BASIN
(LOUP RIVER)

FULLERTON CANAL from Davis Creek Reservoir - 1992

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1992

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						0	28	51	18			
2						0	28	52	18			
3						0	28	105	15			
4						0	36	115	13			
5						0	41	54	14			
6						0	70	23	14			
7						0	79	18	45			
8						0	79	17	65			
9						0	79	16	43			
10						0	79	16	14			
11						0	79	14	14			
12						0	79	14	15			
13						0	79	14	16			
14						0	80	14	16			
15						7.5	81	14	15			
16						11	81	14	6.1			
17						6.4	82	16	0			
18						6.6	74	24	0			
19						11	69	33	0			
20						17	68	40	0			
21						18	78	50	0			
22						18	83	61	0			
23						6.7	83	68	0			
24						6.7	82	68	0			
25						8.4	66	48	0			
26						12	50	17	0			
27						13	50	16	0			
28						13	51	16	0			
29						13	51	16	0			
30		-----				20	50	17	0			
31		-----		-----		-----	51	17	-----		-----	
TOTAL						188.3	2,014	1,058	341.1			
MEAN						6.28	65.0	34.1	11.4			
MAX						20	83	115	65			
MIN						0	28	14	0			
AC-FT						373	3,990	2,100	677			
YEAR 1992	MAX	115	MIN	0	AC-FT	7,140						

PLATTE RIVER BASIN
(LOUP RIVER)

BURWELL-SUNTER CANAL from North Loup River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1				0	58	39	54	78	29			
2				0	58	40	58	83	29			
3				0	59	41	66	89	27			
4				0	60	40	72	93	27			
5				0	60	42	70	48	27			
6				0	57	41	67	31	26			
7				0	30	40	71	40	29			
8				0	0	42	72	31	26			
9				0	.02	41	65	30	26			
10				0	.32	41	65	29	27			
11				0	7.4	40	65	29	27			
12				0	63	33	65	29	26			
13				0	51	43	72	29	26			
14				0	34	38	80	29	25			
15				0	34	32	86	29	24			
16				0	34	40	89	28	23			
17				0	33	38	95	28	22			
18				0	33	38	103	28	21			
19				0	33	39	94	28	20			
20				0	31	40	80	28	20			
21				0	29	39	79	28	15			
22				0	28	38	62	27	0			
23				0	28	38	56	27	0			
24				0	33	43	56	28	0			
25				0	35	41	57	31	0			
26				0	31	41	58	28	0			
27				0	33	50	73	27	0			
28				0	38	51	83	26	0			
29				60	38	51	82	25	0			
30		-----		83	36	49	81	25	0			
31		-----		-----	37	-----	79	29	-----		-----	
TOTAL				143	1,101.74	1,229	2,255	1,138	522			
MEAN				4.77	35.5	41.0	72.7	36.7	17.4			
MAX				83	63	51	103	93	29			
MIN				0	0	32	54	25	0			
AC-FT				284	2,190	2,440	4,470	2,260	1,040			
YEAR 1992		MAX	103	MIN	0	AC-FT	12,670					

PLATTE RIVER BASIN
(LOUP RIVER)

ORD-NORTH LOUP CANAL from North Loup River - 1992

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 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	37	31	44	20			
2					0	33	35	44	20			
3					0	34	36	48	23			
4					0	33	36	44	22			
5					0	32	37	0	21			
6					0	29	35	0	22			
7					45	33	42	0	23			
8					32	34	60	0	23			
9					21	34	70	0	20			
10					21	34	69	15	21			
11					26	30	69	22	21			
12					27	34	73	19	21			
13					29	30	80	19	21			
14					28	28	79	19	23			
15					26	32	83	21	20			
16					26	31	89	19	19			
17					26	29	88	19	19			
18					27	29	90	18	18			
19					29	30	88	18	18			
20					25	30	90	19	21			
21					26	30	91	18	9.0			
22					31	30	80	19	0			
23					35	29	65	24	0			
24					33	29	64	28	0			
25					33	27	64	25	0			
26					34	29	64	20	0			
27					33	29	64	21	0			
28					33	28	63	20	0			
29					33	28	63	20	0			
30		-----			34	31	54	21	0			
31		-----		-----	34	-----	49	20	-----		-----	
TOTAL					747	926	2,001	624	425.0			
MEAN					24.1	30.9	64.5	20.1	14.2			
MAX					45	37	91	48	23			
MIN					0	27	31	0	0			
AC-FT					1,480	1,840	3,970	1,240	843			
YEAR 1992		MAX	91	MIN	0	AC-FT	9,370					

PLATTE RIVER BASIN
(LOUP RIVER)

BEAVER CREEK at Loretto - 1992

LOCATION.--NE1/4SE1/4 Sec. 26-21-7 W.

GAGE.--Continuous stage recorder

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

REMARKS.--Record published by U. S. Geological Survey through Sep. 1991
e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 293 cubic feet per second August 14, gage height 4.07 feet
Minimum daily discharge 42 cubic feet per second May 10

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	81	68	77	74	52	51	54	62	140	52	77	64
2	96	68	71	71	49	60	56	59	181	50	79	64
3	95	68	68	70	48	55	56	77	161	49	82	64
4	90	68	68	67	47	51	55	79	137	49	82	64
5	88	67	83	65	47	49	62	113	117	49	83	60e
6	89	67	119	63	44	50	77	124	106	47	83	55e
7	90	66	196	60	45	50	77	243	103	59	83	54e
8	100e	65	177	60	44	48	67	229	172	153	82	54e
9	115e	66	177	61	44	57	60	199	229	224	82	58e
10	108	64	196	62	42	95	58	152	222	191	82	58e
11	100	63	164	61	74	76	58	125	188	152	82	60e
12	94	62	194	60	52	61	64	104	151	130	81	61
13	94	62	237	61	46	57	80	95	134	115	81	62
14	91	67	227	62	46	56	74	187	126	104	81	62e
15	46	82	192	60	47	59	66	153	133	92	80	64e
16	83	89	156	60	64	152	56	209	118	85	80	64e
17	85	91	124	61	83	92	52	210	107	82	79	64e
18	82	105	106	62	71	63	50	144	94	81	79	64e
19	80	128	104	68	65	59	48	110	82	78	77	60e
20	78	133	110	67	59	56	51	94	76	77	78	54e
21	79	124	102	70	56	54	49	85	72	75	78	57e
22	77	105	92	70	54	53	66	75	67	75	76	60e
23	72	95	89	75	51	51	66	67	64	73	74	55e
24	72	91	85	75	50	50	75	64	61	73	73	60e
25	68	94	79	69	49	52	70	139	58	73	72	57e
26	67	95	75	65	49	52	61	261	57	73	69	60e
27	67	94	74	61	50	52	54	279	56	72	68	62e
28	68	87	76	58	50	52	54	242	53	74	67	55e
29	67	81	83	57	50	52	51	197	52	75	65	54e
30	67	-----	85	55	47	51	73	155	52	75	64	50e
31	67	-----	80	-----	46	-----	81	128	-----	76	-----	45e
TOTAL	2,556	2,415	3,766	1,930	1,621	1,816	1,921	4,460	3,369	2,733	2,319	1,825
MEAN	82.5	83.3	121	64.3	52.3	60.5	62.0	144	112	88.2	77.3	58.9
MAX	115	133	237	75	83	152	81	279	229	224	83	64
MIN	46	62	68	55	42	48	48	59	52	47	64	45
AC-FT	5,070	4,790	7,470	3,830	3,220	3,600	3,810	8,850	6,680	5,420	4,600	3,620
YEAR 1992	TOTAL	30,731	MEAN	84.0	MAX	279	MIN	42	AC-FT	60,950		

PLATTE RIVER BASIN
(ELKHORN RIVER)

ELKHORN RIVER near Atkinson - 1992

LOCATION.--SW1/4NW1/4 Sec. 13-29-14 W., Holt County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1982 - present

REMARKS.--Published by U. S. Geological Survey through water year 1991.
e = estimate discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 653 cubic feet per second on August 28 at gage height 6.04 ft.
Minimum daily discharge 13.0 cubic feet per second on January 9.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16e	28	41	65	42	23	55	45	363	37	37	47
2	15e	28	38	64	36	25	58	42	348	36	38	49
3	14e	28	35	61	33	25	58	38	319	36	38	50
4	15e	26	36	54	32	26	58	40	279	35	38	46
5	14e	26	46	50	30	26	58	74	243	35	39	46
6	16e	25	69	47	29	33	57	153	209	34	39	50
7	15e	23	106	45	28	30	55	239	199	46	40	51
8	14e	20e	101	43	28	39	54	323	192	50	41	49
9	13e	19e	94	41	27	51	51	375	183	50	44	45
10	15e	20e	101	41	25	94	47	359	163	50	45	44
11	17e	19e	133	39	25	107	42	313	144	50	46	43
12	19e	25e	191	37	23	92	46	270	128	48	47	44
13	18e	33	273	37	21	78	44	234	116	45	45	44
14	16e	30	297	38	22	79	40	202	112	43	45	45
15	16e	32	275	43	22	108	36	163	102	39	45	47
16	17e	35	217	49	44	128	33	135	93	38	45	47
17	20e	40	161	52	47	125	28	112	87	37	43	46
18	23e	48	130	56	47	114	26	95	78	37	42	47
19	27e	50	120	59	45	99	24	80	72	37	43	45
20	30e	50	116	61	40	86	23	68	67	37	44	44e
21	25e	48	109	57	35	76	23	57	62	37	43	45e
22	24e	45	101	61	31	70	31	47	58	36	44	46e
23	23e	42	93	75	29	60	31	38	55	35	44	44e
24	21e	37e	88	76	28	57	33	57	51	34	45	26e
25	20e	35e	80	73	27	65	38	137	48	34	45	28e
26	21e	41e	74	65	27	71	41	364	45	33	45	35e
27	21e	48	66	58	27	69	40	575	43	32	48	46e
28	23	47	66	55	26	67	41	633	39	32	47	34e
29	24	44	70	50	25	63	39	546	39	31	46	16e
30	24	-----	71	46	24	60	41	463	39	32	46	25e
31	26	-----	70	-----	23	-----	45	399	-----	33	-----	20e
TOTAL	602	992	3,468	1,598	948	2,046	1,296	6,676	3,976	1,189	1,297	1,294
MEAN	19.4	34.2	112	53.3	30.6	68.2	41.8	215	133	38.4	43.2	41.7
MAX	30	50	297	76	47	128	58	633	363	50	48	51
MIN	13	19	35	37	21	23	23	38	39	31	37	16
AC-FT	1,190	1,970	6,880	3,170	1,880	4,060	2,570	13,240	7,890	2,360	2,570	2,570
YEAR 1992	TOTAL	25,382	MEAN	69.3	MAX	633	MIN	13	AC-FT	50,350		

PLATTE RIVER BASIN
(ELKHORN RIVER)

SOUTH FORK ELKHORN RIVER near Ewing - 1992

LOCATION.--SE1/4NE1/4 Sec. 7-26-9 W.

GAGE.--Continuous Stage Recorder

PERIOD OF RECORD.--Oct. 1977 - present

REMARKS.--e = estimated discharge due to backwater from ice.

EXTREMES FOR CURRENT YEAR.--Peak discharge 483 cubic feet per second on May 19, gage height 2.59 feet.
Minimum daily discharge 30 cubic feet per second estimated January 18, and December 31.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	40	41	45	58	54	39	48	81	182	51	56	66
2	40	40	46	60	51	41	47	91	162	50	57	71
3	41	38	46	62	50	42	67	78	146	48	58	70
4	41	37	45	62	49	44	177	71	137	47	61	70 e
5	41	38	55	66	49	46	239	71	112	44	62	66 e
6	41	36	83	60	46	48	235	80	96	43	63	64 e
7	43	34	116	56	43	45	262	167	113	65	65	64 e
8	40 e	39	143	54	45	53	324	270	101	74	66	66 e
9	38 e	36	139	55	45	56	294	367	102	94	69	69
10	39 e	35	101	57	43	58	211	419	101	113	74	69
11	41 e	38	85	54	44	63	162	387	104	123	76	69
12	43 e	41	105	52	42	63	137	315	99	119	77	69
13	43 e	35	173	53	41	56	118	243	93	107	77	69
14	40 e	37	252	53	43	55	128	226	110	98	77	68
15	35 e	38	231	50	42	53	132	185	106	88	77	67
16	35 e	37	158	51	64	53	110	156	117	78	80	67
17	32 e	42	102	52	72	51	90	136	113	76	77	67
18	30 e	48	67	61	266	46	71	119	102	70	67	64
19	32 e	52	56	64	428	45	61	106	91	67	65	64
20	34 e	59	55	59	254	44	54	92	85	67	64	60 e
21	35 e	55	59	63	155	41	52	77	80	67	63	54 e
22	37 e	53	61	65	105	40	63	70	70	67	64	60 e
23	36 e	50	65	71	77	38	67	61	66	64	65	64
24	36 e	50	64	79	66	37	91	67	61	64	66	60 e
25	37	50	60	83	55	37	115	130	57	64	66	50 e
26	38	47	53	72	50	34	114	197	54	62	63	45 e
27	40	47	52	63	48	35	103	266	52	58	64	50 e
28	38	48	60	60	43	36	98	323	49	57	68	40 e
29	39	49	60	56	41	42	87	317	48	57	71	35 e
30	39	-----	58	55	39	39	81	270	50	55	69	35 e
31	40	-----	55	-----	37	-----	73	221	-----	55	-----	30 e
TOTAL	1,184	1,250	2,750	1,806	2,487	1,380	3,911	5,659	2,859	2,192	2,027	1,862
MEAN	38.2	43.1	88.7	60.2	80.2	46.0	126	183	95.3	70.7	67.6	60.1
MAX	43	59	252	83	428	63	324	419	182	123	80	71
MIN	30	34	45	50	37	34	47	61	48	43	56	30
AC-FT	2,350	2,480	5,450	3,580	4,930	2,740	7,760	11,220	5,670	4,350	4,020	3,690
YEAR 1992	TOTAL	29,367	MEAN	80.2	MAX	428	MIN	30	AC-FT	58,250		

PLATTE RIVER BASIN

(ELKHORN RIVER)

CLEARWATER CREEK near Clearwater - 1992

LOCATION.--SW1/4NW1/4 Sec. 13-25-8 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--July 1961 - Sep. 1964, Oct. 1977 - present

REMARKS.--Record published by U. S. Geological Survey through Sep. 1991
e = estimated dischargeEXTREMES FOR CURRENT YEAR.--Peak discharge 332 cubic feet per second August 8, gage height 5.41 feet
Minimum daily discharge 20 cubic feet per second May 12, 13 and June 27

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	28	28	35	40	27	26	26	30	90	29	38	41
2	29	28	33	38	27	27	30	39	94	30	41	43
3	29	28	33	38	27	25	27	42	85	29	40	43
4	29	27	34	35	27	23	25	37	84	28	40	40e
5	30	27e	42	35	26	23	71	47	79	28	40	39e
6	30	27e	49	31	26	25	56	51	67	27	41	38e
7	31	27e	141	32	24	23	63	236	102	49	41	37e
8	28e	25e	136	30	23	27	66	298	129	77	44	35e
9	27e	26e	110e	29	22	31	52	274	147	93	47	35
10	27e	26e	100e	30	22	57	52	201	127	106	48	35
11	30e	27e	105e	29	24	75	47	127	96	96	48	35
12	30e	28e	144	28	20	66	140	88	75	79	48	36
13	30e	30	205	28	20	40	71	91	64	66	45	36
14	30e	32	201	30	22	32	87	120	61	56	44	35e
15	25e	35	165	29	24	33	95	155	65	50	43	32e
16	27e	36	122	29	47	32	67	222	58	46	42	32e
17	28e	47	90	28	56	28	48	179	54	43	40	32e
18	29e	60	72	34	49	27	39	121	51	40	40	32e
19	29e	80	64	36	48	26	35	94	47	39	42	32e
20	29e	73	62	34	39	24	33	78	45	39	45	35e
21	31	59	57	35	33	22	30	64	42	39	48	31e
22	29	48	55	37	28	21	41	54	39	40	49	33e
23	29	42	51	38	27	21	39	46	37	38	49	30e
24	30	41	48	44	26	23	36	47	35	39	47	27e
25	29	42	45	38	24	23	38	131	33	39	45	27e
26	28	44	43	33	25	21	35	160	31	36	43	27e
27	28	46	41	30	25	20	32	224	30	36	41	27e
28	29	43	46	30	24	21	36	209	28	35	41	25e
29	29	38	48	30	23	25	32	153	28	35	40	24e
30	27	-----	46	28	22	29	31	116	28	35	41	23e
31	28	-----	42	-----	22	-----	30	94	-----	35	-----	25e
TOTAL	892	1,120	2,465	986	879	896	1,510	3,828	1,951	1,457	1,301	1,022
MEAN	28.8	38.6	79.5	32.9	28.4	29.9	48.7	123	65.0	47.0	43.4	33.0
MAX	31	80	205	44	56	75	140	298	147	106	49	43
MIN	25	25	33	28	20	20	25	30	28	27	38	23
AC-FT	1,770	2,220	4,890	1,960	1,740	1,780	3,000	7,590	3,870	2,890	2,580	2,030
YEAR 1992	TOTAL	18,307	MEAN	50.0	MAX	298	MIN	20	AC-FT	36,310		

PLATTE RIVER BASIN
(ELKHORN RIVER)

WILLOW CREEK near Pierce - 1992

LOCATION.--SE1/4SW1/4 Sec. 33-26-2 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1983 - present

REMARKS.--a = estimated discharge due to missing gage height record.

EXTREMES FOR PERIOD OF RECORD.--Maximum 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.--Maximum discharge 60 cubic feet per second on Oct. 13 at gage height 3.98.
Minimum daily discharge 3.7 cubic feet per second, January 9 - 10.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.3	4.9	5.7	6.6	7.4	8.3	8.9	6.5	6.6	7.2	15	22
2	4.2	4.9	6.0	6.9	7.7	8.4	8.7	6.5	6.5	7.7	18	20
3	4.4	4.8	5.5	7.0	7.6	8.0	7.9	6.6	6.0	7.6	18	19
4	4.1	5.1	4.9	6.7	6.8	8.1	7.9	6.5	6.1	7.8	17	19
5	4.0	5.1	4.7	7.1	5.7	8.2	7.7	6.7	5.9	8.0	16	18
6	3.9	5.2	4.6	7.5	5.8	8.1	7.7	7.0	5.3	8.0	16	18
7	3.8	5.3	4.5	7.4	6.4	8.2	7.1	7.6	5.7	7.6	15	18
8	3.9	5.4	4.7	7.5	6.9	8.3	7.2	7.5	5.6	8.2	16	18
9	3.7	5.6	5.0	7.3	7.1	8.1	7.0	7.8	5.5	7.9	17	17
10	3.7	5.7	4.5	6.9	6.8	8.4	7.0	8.1	5.4	13	18	17
11	3.9	5.4	4.6	6.7	6.9	8.5	6.4	8.3	5.6	31	18	17
12	3.9	5.4	4.5	6.4	7.2	8.7	6.6	9.0	5.9	52	18	16
13	3.9	5.6	5.0	6.6	7.2	9.4	6.4	9.4	5.8	58	18	17
14	4.2	6.1	5.2	6.7	7.6	9.1	6.6	10	6.3	54	17	18
15	4.7	5.9	5.2	6.7	8.4	9.5	6.8	10	6.3	48	17	17
16	4.8	5.8	5.3	6.4	8.6	9.3	6.6	11	6.4	43	17	17
17	4.4	5.7	5.2	6.3	8.6	8.7	6.1	11	6.7	37	17	17
18	4.4	5.5	5.1	6.6	8.0	9.1	5.6	11	6.8	33	17	17
19	4.5	5.5	5.5	6.6	8.5	9.1	5.2	11	6.3	30	18	16
20	4.6	5.6	5.9	6.3	8.3	9.2	4.8	12	6.7	27	20	15
21	4.7	5.8	6.1	6.5	8.7	9.6	5.1	11	6.8	26	21	15
22	4.7	5.7	6.0	6.3	8.7	9.8	5.3	10	6.7	25	22	15
23	4.9	5.5	6.4	6.7	8.6	9.5	5.5	9.5	7.0	23	23	15a
24	4.6	5.7	6.6	6.7	8.6	9.4	5.8	7.5	7.2	21	24	15a
25	5.0	5.4	6.8	6.6	8.6	9.3	5.8	7.8	7.3	20	25	14a
26	5.1	5.5	6.7	6.4	8.4	9.0	5.7	7.8	7.1	19	25	14a
27	5.0	5.6	6.9	6.6	8.5	8.7	5.6	6.8	7.4	18	24	14a
28	5.0	5.8	7.2	6.7	8.5	8.5	5.7	6.9	7.3	17	24	14a
29	5.0	5.6	6.9	6.5	8.7	8.8	5.9	7.1	9.0	16	23	13a
30	5.1	-----	6.6	6.7	8.6	8.9	5.9	6.1	7.1	15	22	13a
31	4.9	-----	6.5	-----	8.5	-----	6.3	6.0	-----	14	-----	13a
TOTAL	137.3	159.1	174.3	201.9	241.9	264.2	200.8	260.0	194.3	710.0	576	508
MEAN	4.43	5.49	5.62	6.73	7.80	8.81	6.48	8.39	6.48	22.9	19.2	16.4
MAX	5.1	6.1	7.2	7.5	8.7	9.8	8.9	12	9.0	58	25	22
MIN	3.7	4.8	4.5	6.3	5.7	8.0	4.8	6.0	5.3	7.2	15	13
AC-FT	272	316	346	400	480	524	398	516	385	1,410	1,140	1,010
YEAR 1992	TOTAL	3,627.8	MEAN	9.91	MAX	58	MIN	3.7	AC-FT	7,200		

PLATTE RIVER BASIN
(ELKHORN RIVER)

BUTTERFLY CREEK near Stanton - 1992

LOCATION.--SW1/4NE1/4 Sec. 21-22-2 E.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1990

REMARKS.--a = days of missing gage height record
e = estimated discharge due to ice conditions

EXTREMES FOR CURRENT YEAR.--Maximum discharge 532 cubic feet per second on July 5 at gage height 12.03 ft.
Minimum daily discharge 1.1 cubic feet per second on June 30 and July 1-4.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.0	1.3	1.7	2.3	2.2	2.2	1.1a	2.9	2.6	2.2	3.2	3.9
2	1.8	1.3	1.8	2.2	2.0	2.3	1.1a	2.8	2.4	2.2	4.3	3.7
3	1.4	1.2	1.7	2.1	1.9	2.1	1.1a	2.8	2.3	2.2	4.0	3.9
4	1.4	1.2	2.0	1.9	1.8	2.1	1.1a	2.8	2.2	2.2	3.8	3.3e
5	1.3	1.3	3.1	1.8	1.8	2.1	137	4.1	2.6	2.1	3.7	2.5e
6	1.3	1.3	3.5	1.9	1.7	2.3	8.4	4.6	2.2	2.2a	3.7	3.0e
7	1.7	1.2	2.7	2.1	1.6	2.3	3.9	14	44	96	3.8	2.5e
8	2.3	1.4	2.6	2.1	1.6	2.4	3.3	3.3	4.5	89	4.0	2.8e
9	2.0	1.4	4.2	2.1	1.5	2.7	3.1	2.8	3.7	9.1	4.7	2.9e
10	1.6	1.5	3.9	2.3	1.5	2.6	3.1	2.6	2.9	5.3	4.5	3.0e
11	1.4	1.5	4.1	2.1	1.5	2.6	3.2	2.4	2.8	4.4	4.5	3.3e
12	1.5	1.5	4.0	2.0	1.5	2.7	2.9	2.4	2.8	3.9	4.2	3.3e
13	1.2	1.5	3.8	2.1	1.6	2.8	2.7	2.5	2.9	3.9	3.9	3.5e
14	1.6	1.6	3.7	2.1	2.0	3.0	2.7	3.0	2.8	3.7	4.1	3.7e
15	1.6	1.6	3.1	2.2	7.2	11	2.6	2.6	2.6	3.6	4.1	3.5e
16	1.4e	1.6	2.9	2.1	33	24	2.6	2.7	2.5	3.5	4.0	3.3e
17	1.5e	2.1	2.8	2.3	30	5.5	2.5	2.6	2.5	3.5	4.0	3.3e
18	1.5	2.5	2.7	2.5	4.8	4.8	2.5	2.4	2.4	3.5	4.1	3.2e
19	1.6e	2.0	2.6	2.7	3.1	4.4	2.5	2.4	2.3	3.6	7.4	3.0e
20	1.4e	1.9	2.5	2.6	2.8	4.0	2.5	2.2	2.3	3.6	6.2	2.5e
21	1.3e	1.7	2.5	2.2	4.2	3.6	2.5	2.2	2.3	3.2	5.1	2.6e
22	1.3	1.7	2.3	2.8	2.8	3.2	3.3	2.2	2.3a	3.1	5.0	2.8e
23	1.2	1.8	2.3	5.1	2.4	2.8	2.5	2.1	2.2	3.1	4.7	2.5e
24	1.6	2.1	2.4	4.8	2.2	2.5	2.5	2.2	2.2a	3.0	4.5	2.6e
25	1.3	1.9	2.3	3.9	2.1	2.2	81	65	2.2a	3.1	4.5	2.7e
26	1.2	1.9	1.9	3.3	2.0	1.9	16	6.2	2.6a	2.8	4.3	2.7e
27	1.4	1.9	1.7	3.0	1.9	1.8	3.1	4.1	2.3a	2.8	4.3	2.6e
28	1.5	1.8	3.0	2.8	1.7	1.6	54	3.6	2.2a	2.9	4.3	2.5e
29	1.2	1.8	3.5	2.5	1.7	1.3	9.6	3.0	2.2a	2.8	4.2	2.6e
30	1.4	-----	2.7	2.4	1.8	1.1a	5.1	2.7	2.3	2.8	4.1	2.5e
31	1.3	-----	2.4	-----	1.7	-----	3.3	2.6	-----	2.8	-----	2.0e
TOTAL	49.2	47.5	86.4	76.3	129.6	109.9	372.8	163.8	118.1	282.1	131.2	92.2
MEAN	1.59	1.64	2.79	2.54	4.18	3.66	12.0	5.28	3.94	9.10	4.37	2.97
MAX	5.0	2.5	4.2	5.1	33	24	137	65	44	96	7.4	3.9
MIN	1.2	1.2	1.7	1.8	1.5	1.1	1.1	2.1	2.2	2.1	3.2	2.0
AC-FT	98	94	171	151	257	218	739	325	234	560	260	183
YEAR 1992	TOTAL	1,659.1	MEAN	4.53	MAX	137	MIN	1.1	AC-FT	3,290		

PLATTE RIVER BASIN
(SALT CREEK)

OAK CREEK at Lincoln - 1992

LOCATION.--NE1/4NE1/4 Sec. 7-10-6 E.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1987 - present

REMARKS.--a = estimated discharge due to missing gage height record

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,630 cubic feet per second on July 26, 1990, gage height 17.38 feet.
Minimum daily discharge, 2.8 cubic feet per second on August 2, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,700 cubic feet per second on July 13, gage height 9.27 feet.
Minimum daily discharge 3.6 cubic feet per second on June 30.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15	10	10	17	7.8	15	4.0	63	17	14	10	16
2	19	11	9.2	17	9.9	15	19	55	36	13	23	14
3	14	10	9.7	15	8.3	15	18	50	30	8.4	24	16
4	12	11	11	14	7.6	11	9.5	47	22	5.1	22	15
5	12 a	11	16	12	6.3	12	60	46	26	6.6	18	16
6	12 a	11	17	10	6.3	27	104	45	43	5.7	17	15
7	13 a	11	17	11	5.3	20	124	107	30	15	17	18
8	13 a	12	13	13	4.9	17	33	94	27	32	16	16
9	13 a	11	13	13	4.6	15	22	57	26	39	12	17
10	14 a	11	19	11	4.5	9.9	19	52	23	23	10	18
11	13 a	12	19	11	5.6	10	21	49	20	12	12	19
12	13 a	12	16	12	4.5	9.9	152	47	18	7.1	11	13
13	13	13	14	13	6.7	6.5	767	47	15	8.7	9.7	16
14	10	14	13	10	9.4	6.6	280	51	15	16	13	26
15	9.9	14	13	10	8.0	7.7	92	48	23	22	14	22
16	10	13	13	12	15	56	61	44	19	96	12	17
17	11	14	13	13	22	98	48	40	15	103	12	14
18	11	15	17	13	18	33	43	37	15	105	13	15
19	12	15	17	16	13	25	37	31	16	105	23	14
20	10	14	16	19	9.2	18	34	28	12	103	28	13
21	11	13	15	25	8.5	11	32	25	9.9	97	21	13
22	14	12	15	24	27	6.0	39	24	9.0	51	13	17
23	14	12	15	25	19	4.7	42	23	8.9	53	12	18
24	15	13	14	24	13	4.6	34	20	6.8	58	10	15
25	12	13	13	22	13	5.3	31	24	7.7	61	15	12
26	10	13	12	19	13	6.7	29	30	7.5	68	17	11
27	11	11	14	17	12	7.3	26	27	11	68	20	12
28	12	11	18	14	9.2	5.6	23	22	15	71	19	13
29	11	10	20	12	8.7	4.1	20	20	18	70	20	14
30	11	-----	19	10	10	3.6	391	19	15	69	16	13
31	11	-----	18	-----	8.6	-----	96	19	-----	18	-----	9.7
TOTAL	381.9	353	458.9	454	318.9	486.5	2,710.5	1,291	556.8	1,423.6	479.7	477.7
MEAN	12.3	12.2	14.8	15.1	10.3	16.2	87.4	41.6	18.6	45.9	16.0	15.4
MAX	19	15	20	25	27	98	767	107	43	105	28	26
MIN	9.9	10	9.2	10	4.5	3.6	4.0	19	6.8	5.1	9.7	9.7
AC-FT	757	700	910	901	633	965	5,380	2,560	1,100	2,820	951	948
YEAR 1992	TOTAL	9,392.5	MEAN	25.7	MAX	767	MIN	3.6	AC-FT	18,630		

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	30	23	24	25	13	17	18	
2				0	28	24	19	23	13	17	18	
3				0	27	24	24	22	9.6	17	18	
4				0	23	23	23	24	5.2	17	18	
5				0	23	25	23	22	4.3	16	18	
6				0	26	23	22	21	4.1	17	17	
7				0	26	24	25	25	4.7	17	17	
8				0	26	21	25	25	4.1	16	17	
9				0	25	5.6	26	23	8.4	16	17	
10				0	25	0	26	24	14	17	17	
11				0	24	0	25	27	8.7	18	17	
12				0	25	1.6	26	16	8.0	18	17	
13				0	26	8.0	26	12	8.0	18	17	
14				0	28	22	25	12	8.9	18	17	
15				0	26	20	23	12	8.7	18	17	
16				0	26	17	23	12	8.4	18	17	
17				0	24	17	26	12	13	19	6.2	
18				14	16	15	27	13	19	19	0	
19				25	15	12	26	13	19	19	0	
20				25	20	16	26	12	19	19	0	
21				25	20	20	25	13	19	19	0	
22				25	19	20	25	13	18	19	0	
23				25	24	20	26	13	18	19	0	
24				25	25	20	27	14	18	19	0	
25				25	25	20	29	17	18	18	0	
26				25	26	20	27	15	18	18	0	
27				25	24	14	28	14	17	18	0	
28				27	19	14	28	14	17	18	0	
29				29	18	21	24	13	17	18	0	
30		-----		31	18	24	23	13	17	18	0	
31		-----		-----	17	-----	23	13	-----	18	-----	
TOTAL				326	724	514.2	775	527	378.1	553	283.2	
MEAN				10.9	23.4	17.1	25.0	17.0	12.6	17.8	9.44	
MAX				31	30	25	29	27	19	19	18	
MIN				0	15	0	19	12	4.1	16	0	
AC-FT				647	1,440	1,020	1,540	1,050	750	1,100	562	
YEAR 1992	MAX	31	MIN	0	AC-FT	8,090						

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	22	9.7	19	19	12	11	17	
2				0	22	7.3	15	20	12	9.5	17	
3				0	24	7.2	18	14	11	9.1	17	
4				0	23	7.2	19	15	4.5	9.9	17	
5				0	23	8.5	19	18	3.6	11	17	
6				0	20	9.3	18	18	3.3	10	15	
7				0	13	10	20	19	3.9	12	14	
8				0	13	11	19	16	3.6	15	14	
9				0	12	7.4	17	15	3.9	14	14	
10				0	12	0	17	16	5.9	14	14	
11				0	12	0	15	19	2.8	16	12	
12				0	12	0	17	14	.64	16	12	
13				0	12	3.7	20	8.5	3.6	16	14	
14				0	12	22	20	11	3.9	16	16	
15				0	11	18	18	12	3.3	16	16	
16				0	11	16	16	12	3.6	14	16	
17				0	11	17	18	12	4.2	14	8.6	
18				11	12	17	23	14	7.0	14	0	
19				19	12	12	22	13	8.5	15	0	
20				20	12	13	17	12	13	17	0	
21				20	12	18	18	12	14	16	0	
22				19	9.7	19	19	12	14	17	0	
23				19	10	19	19	12	14	17	0	
24				20	9.3	19	21	15	14	18	0	
25				21	8.9	17	19	18	13	16	0	
26				19	9.3	17	20	14	12	12	0	
27				16	10	14	19	13	12	12	0	
28				16	7.0	13	17	12	12	12	0	
29				19	6.8	16	16	12	12	15	0	
30		-----		22	6.2	20	14	12	12	17	0	
31		-----		-----	6.0	-----	14	12	-----	17	-----	
TOTAL				241	396.2	368.3	563	441.5	243.24	438.5	250.6	
MEAN				8.03	12.8	12.3	18.2	14.2	8.11	14.1	8.35	
MAX				22	24	22	23	20	14	18	17	
MIN				0	6.0	0	14	8.5	.64	9.1	0	
AC-FT				478	786	731	1,120	876	482	870	497	
YEAR 1992	MAX	24	MIN	0	AC-FT	5,840						

REPUBLICAN RIVER BASIN

HAIGLER CANAL SPILLBACK to Arikaree River - 1992

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

REMARKS.--Values furnished by the State of Colorado

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	11	7.4	7.2	0	11	7.5	10	
2				0	8.4	7.0	6.1	0	9.8	7.0	11	
3				0	9.1	6.1	5.6	0	9.3	7.4	13	
4				0	9.0	5.7	5.7	0	4.8	8.0	13	
5				0	6.0	6.6	6.9	0	3.2	8.8	13	
6				0	4.3	6.5	6.3	0	2.3	7.5	9.2	
7				0	8.0	7.3	4.7	0	2.7	8.0	7.8	
8				0	8.1	12	3.9	0	2.8	8.9	8.0	
9				0	9.3	8.2	1.1	0	2.4	9.6	8.7	
10				0	9.6	1.4	0	0	4.3	9.8	7.0	
11				0	9.0	0	0	0	2.5	9.9	4.5	
12				0	11	0	0	19	.80	10	5.5	
13				0	8.4	0	3.7	5.0	1.0	10	8.9	
14				0	6.2	6.1	7.1	7.5	2.8	10	13	
15				0	4.3	10	3.1	7.9	2.1	9.8	12	
16				0	2.7	9.7	.90	8.9	1.6	10	12	
17				0	2.4	8.4	.95	5.3	.97	9.9	2.2	
18				0	2.1	7.2	.95	4.6	1.5	9.8	.74	
19				0	1.8	4.3	.95	4.8	2.6	6.0	0	
20				0	1.1	3.2	.95	3.7	5.8	4.7	0	
21				0	0	7.4	.95	3.3	7.1	5.2	0	
22				0	0	11	.95	5.8	7.7	2.8	0	
23				12	0	8.5	.95	7.9	7.2	1.8	0	
24				12	0	6.4	5.5	13	7.5	.99	0	
25				15	0	8.3	8.0	14	7.4	3.4	0	
26				14	1.5	8.3	8.6	12	7.5	3.7	0	
27				9.4	2.9	9.1	7.4	11	7.5	0	0	
28				8.7	3.4	8.0	2.3	11	6.9	0	0	
29				8.9	1.8	8.5	1.9	10	6.2	0	0	
30		-----		11	3.8	8.7	.50	10	7.4	5.0	0	
31		-----		-----	8.2	-----	0	11	-----	8.4	-----	
TOTAL				91.0	153.4	201.3	103.15	175.7	146.67	203.89	159.54	
MEAN				3.03	4.95	6.71	3.33	5.67	4.89	6.58	5.32	
MAX				15	11	12	8.6	19	11	10	13	
MIN				0	0	0	0	0	.80	0	0	
AC-FT				180	304	399	205	349	291	404	316	
YEAR 1992	MAX	19	MIN	0	AC-FT	2,450						

REPUBLICAN RIVER BASIN

MEEKER-DRIFTWOOD CANAL from Republican River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	12	147	62			
2						0	85	147	69			
3						0	159	99	69			
4						0	191	69	69			
5						0	190	58	69			
6						0	207	51	69			
7						0	253	49	85			
8						0	274	49	111			
9						0	276	49	130			
10						0	256	55	131			
11						0	247	85	56			
12						0	247	133	4.9			
13						0	233	170	0			
14						0	233	198	0			
15						0	243	207	0			
16						0	246	205	0			
17						0	241	132	0			
18						0	239	74	0			
19						0	239	53	0			
20						0	239	51	0			
21						0	239	51	0			
22						57	225	51	0			
23						41	215	51	0			
24						77	155	78	0			
25						92	117	63	0			
26						92	117	49	0			
27						92	111	45	0			
28						87	132	42	0			
29						0	152	42	0			
30		-----				0	156	42	0			
31		-----		-----		-----	151	47	-----		-----	
TOTAL						538	6,080	2,642	924.9			
MEAN						17.9	196	85.2	30.8			
MAX						92	276	207	131			
MIN						0	12	42	0			
AC-FT						1,070	12,060	5,240	1,830			
YEAR 1992	MAX	276	MIN	0	AC-FT	20,200						

REPUBLICAN RIVER BASIN

CHAMPION CANAL from Frenchman River - 1992

LOCATION.--NW1/4SW1/4 Sec. 23-6-40 W. near Champion

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1923, 1925, 1927 - 1928, 1933, 1938 - 1941, 1963 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

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

NO WATER DIVERTED IN 1992

REPUBLICAN RIVER BASIN

CULBERTSON CANAL from Frenchman River - 1992

LOCATION.--SW1/4NW1/4 Sec. 32-5-33 W. near Palisade

GAGE.--Continuous stage recorder and Parshall Recorder

PERIOD OF RECORD.--1920 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	42	42	35	88				
2				0	40	41	36	90				
3				0	39	40	35	106				
4				0	39	42	35	119				
5				0	38	42	62	90				
6				0	37	42	102	70				
7				0	37	41	121	66				
8				.27	36	41	125	64				
9				14	35	44	136	68				
10				42	35	49	155	75				
11				32	34	50	165	81				
12				33	33	48	169	102				
13				46	33	45	140	136				
14				48	34	45	129	166				
15				48	35	44	118	202				
16				41	34	44	118	226				
17				37	33	40	120	228				
18				36	32	37	127	200				
19				36	32	36	130	139				
20				42	30	35	143	83				
21				45	30	35	149	70				
22				45	31	35	148	61				
23				45	30	34	144	60				
24				44	31	32	138	49				
25				43	31	30	142	19				
26				42	32	30	141	2.6				
27				42	34	34	115	0				
28				42	36	35	100	0				
29				43	37	35	94	0				
30		-----		43	37	35	95	0				
31		-----		-----	39	-----	92	0	-----		-----	
TOTAL				889.27	1,076	1,183	3,559	2,660.6				
MEAN				29.6	34.7	39.4	115	85.8				
MAX				48	42	50	169	228				
MIN				0	30	30	35	0				
AC-FT				1,760	2,130	2,350	7,060	5,280				
YEAR 1992	MAX	228	MIN	0	AC-FT	18,580						

REPUBLICAN RIVER BASIN

RIVERSIDE CANAL from Frenchman River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	12	7.1	0	6.8	6.5	
2						0	13	7.1	0	6.8	6.3	
3						0	12	4.5	0	7.0	6.2	
4						0	12	0	0	6.8	6.0	
5						0	12	0	0	6.9	6.1	
6						0	13	0	0	7.0	6.2	
7						3.5	13	0	0	7.6	6.4	
8						9.2	11	0	1.4	7.2	4.4	
9						11	11	0	7.9	7.2	0	
10						11	12	0	7.7	7.4	0	
11						11	12	0	7.6	7.5	0	
12						9.8	15	2.9	7.7	7.6	0	
13						9.6	13	9.4	7.8	7.3	0	
14						9.7	12	11	7.3	7.1	0	
15						8.8	11	11	7.5	6.7	0	
16						9.9	11	12	7.7	6.6	0	
17						9.7	11	12	7.8	6.7	0	
18						9.6	11	13	7.6	7.0	0	
19						9.8	11	13	7.6	6.8	0	
20						9.9	12	12	7.7	6.8	0	
21						10	11	12	7.6	6.8	0	
22						10	10	12	7.1	6.8	0	
23						11	9.9	12	6.9	6.6	0	
24						9.9	6.5	11	6.9	6.5	0	
25						10	0	12	7.0	6.6	0	
26						10	0	0	6.8	6.5	0	
27						12	0	0	6.7	6.5	0	
28						14	0	0	6.7	6.5	0	
29						14	3.5	0	6.6	6.6	0	
30		-----				13	9.5	0	6.7	6.7	0	
31		-----		-----		-----	7.6	0	-----	6.3	-----	
TOTAL						246.4	298.0	174.0	162.3	213.2	48.1	
MEAN						8.21	9.61	5.61	5.41	6.88	1.60	
MAX						14	15	13	7.9	7.6	6.5	
MIN						0	0	0	0	6.3	0	
AC-FT						489	591	345	322	423	95	
YEAR 1992	MAX	15	MIN	0	AC-FT	2,270						

REPUBLICAN RIVER BASIN

RED WILLOW CANAL from Red Willow Creek - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	24	38	40			
2						0	33	51	46			
3						0	27	46	48			
4						0	25	38	49			
5						0	25	24	49			
6						0	27	16	49			
7						0	30	13	55			
8						0	34	12	58			
9						0	33	12	55			
10						0	32	13	52			
11						0	32	13	17			
12						0	32	15	0			
13						0	38	22	0			
14						0	45	37	0			
15						0	50	42	0			
16						0	56	42	0			
17						0	61	46	0			
18						0	64	39	0			
19						0	64	41	0			
20						0	55	36	0			
21						0	42	40	0			
22						0	38	33	0			
23						0	40	42	0			
24						13	27	50	0			
25						30	19	40	0			
26						30	19	27	0			
27						30	19	23	0			
28						29	22	23	0			
29						28	29	23	0			
30		-----				31	32	23	0			
31		-----		-----		-----	45	27	-----		-----	
TOTAL						191	1,119	947	518			
MEAN						6.37	36.1	30.5	17.3			
MAX						31	64	51	58			
MIN						0	19	12	0			
AC-FT						379	2,220	1,880	1,030			
YEAR 1992	MAX	64	MIN	0	AC-FT	5,500						

REPUBLICAN RIVER BASIN

BARTLEY CANAL from Republican River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	36	56	21			
2						0	38	55	27			
3						0	38	56	36			
4						0	39	70	41			
5						0	39	60	41			
6						0	41	54	40			
7						0	43	38	52			
8						0	43	34	65			
9						0	40	32	67			
10						0	42	23	64			
11						0	41	18	23			
12						0	41	27	0			
13						0	51	40	0			
14						0	61	60	0			
15						0	62	68	0			
16						0	66	70	0			
17						0	77	92	0			
18						0	84	94	0			
19						0	75	80	0			
20						0	73	73	0			
21						0	65	63	0			
22						0	51	59	0			
23						16	49	58	0			
24						16	43	56	0			
25						21	40	36	0			
26						32	38	17	0			
27						34	37	13	0			
28						34	37	13	0			
29						33	49	12	0			
30		-----				33	50	12	0			
31		-----		-----		-----	55	14	-----		-----	
TOTAL						219	1,544	1,453	477			
MEAN						7.30	49.8	46.9	15.9			
MAX						34	84	94	67			
MIN						0	36	12	0			
AC-FT						434	3,060	2,880	946			
YEAR 1992	MAX	94	MIN	0	AC-FT	7,330						

FOX CREEK at Curtis - 1992

LOCATION.--SE1/4NW1/4 Sec. 27-8-28 W.

GAGE.--Continuous recorder

PERIOD OF RECORD.--1951 - 1958, 1978 - present

REMARKS.--Published by U. S. Geological Survey 1951 - 1958, 1958 - 1991, peak flows published 1960 - 1970.
e = estimated discharge due to backwater from iceEXTREMES FOR CURRENT YEAR.--Maximum discharge 47 cubic feet per second on August 3 at gage height 5.38 ft.
Minimum daily discharge 1.7 cubic feet per second on August 23.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.6	5.4	5.7	5.5	5.1	5.6	4.9	2.1	4.2	3.7	5.0	4.8
2	5.6	5.4	5.5	5.5	4.9	5.3	5.3	2.0	4.3	3.6	4.9	4.8
3	5.3	5.4	5.4	5.6	4.9	5.3	5.4	5.8	4.0	3.8	4.7	4.9
4	5.2	5.4	6.1	5.6	4.9	5.3	5.3	5.0	4.1	4.0	4.8	4.1
5	5.2	5.4	7.6	5.6	4.9	5.2	5.3	6.0	3.9	3.8	4.7	3.7
6	5.2	5.4	8.3	5.7	4.9	5.2	5.3	5.3	3.8	4.6	4.8	5.3
7	5.2e	5.3	6.2	5.7	4.9	5.1	5.2	5.9	3.7	6.2	4.7	4.6
8	4.8e	5.3	5.9	5.8	5.0	4.9	5.0	5.1	3.5	7.1	4.6	4.6
9	5.0e	5.5	6.6	5.8	5.1	5.1	4.2	4.7	3.5	6.3	4.6	5.4
10	5.2e	5.4	6.3	5.7	5.0	5.6	3.1	4.4	3.2	5.7	4.6	5.3
11	5.4	5.4	5.9	5.6	5.0	5.3	3.8	4.2	2.1	5.6	4.7	5.3
12	5.2	5.3	6.1	5.5	5.1	5.3	5.7	4.3	2.2	5.7	4.7	5.2
13	5.2	5.4	6.1	5.4	5.0	5.3	5.4	4.3	2.1	5.6	4.7	5.2
14	4.9	5.6	5.8	5.6	5.1	5.4	3.5	4.2	4.2	5.5	4.6	4.8
15	3.9	5.6	5.8	5.6	5.1	5.6	3.7	4.2	3.3	5.5	4.7	4.5
16	5.8	5.6	5.7	5.4	5.0	6.0	3.4	4.9	3.2	5.3	4.7	5.9
17	5.4	6.3	5.7	5.3	5.0	5.1	2.8	4.2	3.3	5.3	4.8	5.2
18	5.4	5.9	5.7	5.4	5.1	4.9	3.6	4.1	3.1	5.3	4.7	5.2
19	5.4	5.5	5.9	5.3	5.1	5.1	3.9	4.0	3.3	5.4	4.7	5.0
20	5.4	5.6	5.9	5.0	5.1	5.2	4.2	3.6	3.5	5.4	4.7	3.5
21	5.3	5.6	5.8	5.1	5.1	5.7	3.1	3.4	3.6	5.2	4.8	5.9
22	5.5	5.7	5.6	5.2	5.1	5.3	7.9	2.2	3.3	5.3	4.8	5.3
23	5.5	5.8	5.4	5.3	5.2	5.0	6.9	1.7	3.3	5.2	4.6	5.3
24	5.6	6.6	5.6	5.3	5.1	4.7	5.8	2.2	3.3	5.3	4.6	3.8
25	5.7	6.2	5.5	5.2	5.4	5.1	6.0	19	3.4	5.2	4.7	5.9
26	5.7	5.8	5.6	5.3	5.1	5.8	4.0	14	3.6	5.2	4.7	4.4
27	5.6	5.8	5.6	5.1	5.3	5.9	3.5	5.1	3.5	5.1	4.7	5.3
28	5.5	5.7	5.9	5.3	5.6	5.7	4.3	4.4	3.4	5.1	4.8	6.0
29	5.4	5.7	5.9	5.3	5.5	5.1	6.9	4.1	3.3	5.5	5.0	4.5
30	5.5	-----	5.5	5.2	5.5	5.0	5.3	4.0	3.6	5.5	4.8	5.6
31	5.4	-----	5.5	-----	5.4	-----	3.8	4.0	-----	5.2	-----	3.5
TOTAL	165.0	163.0	184.1	162.9	158.5	159.1	146.5	152.4	102.8	161.2	141.9	152.8
MEAN	5.32	5.62	5.94	5.43	5.11	5.30	4.73	4.92	3.43	5.20	4.73	4.93
MAX	5.8	6.6	8.3	5.8	5.6	6.0	7.9	19	4.3	7.1	5.0	6.0
MIN	3.9	5.3	5.4	5.0	4.9	4.7	2.8	1.7	2.1	3.6	4.6	3.5
AC-FT	327	323	365	323	314	316	291	302	204	320	281	303
YEAR 1992	TOTAL	1,850.2	MEAN	5.06	MAX	19	MIN	1.7	AC-FT	3,670		

REPUBLICAN RIVER BASIN

CAMBRIDGE CANAL from Republican River - 1992

LOCATION.--SE1/4NE1/4 Sec. 26-4-25 W. near Cambridge

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

PERIOD OF RECORD.--1951 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	80	179	128			
2						0	101	177	127			
3						0	122	207	122			
4						0	127	231	108			
5						0	131	206	103			
6						0	158	178	103			
7						0	205	112	129			
8						0	224	103	159			
9						0	219	101	157			
10						0	203	117	140			
11						0	197	145	36			
12						0	198	175	0			
13						0	205	189	0			
14						0	199	196	0			
15						0	198	199	0			
16						0	195	198	0			
17						0	180	215	0			
18						0	175	230	0			
19						0	175	213	0			
20						0	174	198	0			
21						0	147	182	0			
22						0	113	178	0			
23						3.9	104	179	0			
24						69	83	210	0			
25						58	72	132	0			
26						58	72	79	0			
27						54	77	67	0			
28						55	97	63	0			
29						57	124	62	0			
30		-----				75	150	61	0			
31		-----		-----		-----	169	98	-----		-----	
TOTAL						429.9	4,674	4,880	1,312			
MEAN						14.3	151	157	43.7			
MAX						75	224	231	159			
MIN						0	72	61	0			
AC-FT						853	9,270	9,680	2,600			
YEAR 1992	MAX	231	MIN	0	AC-FT	22,410						

REPUBLICAN RIVER BASIN

MAPONEE CANAL from Republican River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1							0	0	17			
2							0	0	9.1			
3							0	8.8	3.1			
4							11	16	0			
5							16	17	0			
6							16	17	0			
7							16	7.1	0			
8							16	0	0			
9							16	0	0			
10							14	0	0			
11							12	0	0			
12							5.4	0	0			
13							0	0	0			
14							0	9.0	0			
15							0	14	0			
16							0	16	0			
17							6.9	20	0			
18							11	22	0			
19							11	24	0			
20							2.0	23	0			
21							0	21	0			
22							0	21	0			
23							0	21	0			
24							0	19	0			
25							0	17	0			
26							0	16	0			
27							0	16	0			
28							0	16	0			
29							0	16	0			
30		-----					0	16	0			
31		-----		-----		-----	0	20	-----		-----	
TOTAL							153.3	392.9	29.2			
MEAN							4.95	12.7	.97			
MAX							16	24	17			
MIN							0	0	0			
AC-FT							304	779	58			

YEAR 1992 MAX 24 MIN 0 AC-FT 1,140

REPUBLICAN RIVER BASIN

FRANKLIN CANAL from Republican River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	87	46	214			
2						0	110	92	219			
3						0	139	92	211			
4						0	153	111	123			
5						0	159	131	22			
6						0	168	123	0			
7						0	188	113	0			
8						0	193	108	0			
9						0	186	117	0			
10						0	176	130	0			
11						0	126	144	0			
12						0	33	150	0			
13						0	0	169	0			
14						0	0	183	0			
15						0	0	196	0			
16						0	0	203	0			
17						0	0	214	0			
18						0	0	222	0			
19						0	30	214	0			
20						0	36	196	0			
21						0	0	190	0			
22						0	0	190	0			
23						0	0	190	0			
24						0	0	190	0			
25						0	0	160	0			
26						0	0	133	0			
27						0	0	126	0			
28						0	0	122	0			
29						0	0	133	0			
30		-----				60	0	156	0			
31		-----		-----		-----	0	191	-----		-----	
TOTAL						60	1,784	4,735	789			
MEAN						2.00	57.5	153	26.3			
MAX						60	193	222	219			
MIN						0	0	46	0			
AC-FT						119	3,540	9,390	1,560			
YEAR 1992	MAX	222	MIN	0	AC-FT	14,610						

REPUBLICAN RIVER BASIN

FRANKLIN PUMP CANAL from Republican River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	0	0	19			
2						0	4.9	0	17			
3						0	16	11	17			
4						0	16	21	6.3			
5						0	19	15	0			
6						0	30	14	0			
7						0	29	13	0			
8						0	39	13	0			
9						0	41	13	0			
10						0	35	23	0			
11						0	20	27	0			
12						0	4.1	32	0			
13						0	0	38	0			
14						0	0	38	0			
15						0	0	29	0			
16						0	0	22	0			
17						0	0	21	0			
18						0	0	18	0			
19						0	0	14	0			
20						0	0	14	0			
21						0	0	14	0			
22						0	0	14	0			
23						0	0	14	0			
24						0	0	23	0			
25						0	0	25	0			
26						0	0	25	0			
27						0	0	24	0			
28						0	0	18	0			
29						7.4	0	14	0			
30		-----				0	0	13	0			
31		-----		-----		-----	0	20	-----		-----	
TOTAL						7.4	254.0	580	59.3			
MEAN						.25	8.19	18.7	1.98			
MAX						7.4	41	38	19			
MIN						0	0	0	0			
AC-FT						15	504	1,150	118			
YEAR 1992	MAX	41	MIN	0	AC-FT	1,790						

REPUBLICAN RIVER BASIN

COURTLAND CANAL from Republican River - 1992

LOCATION.--SE1/4SE1/4 Sec. 7-1-9 W. near Guide Rock

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1952 -present

REMARKS.--Value furnished by United States Bureau of Reclamation
e = estimated discharges and totals from ungaged diversions Jan. - Mar.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				104	87	80	222	96	71			
2				103	83	100	296	99	71			
3				104	79	138	339	109	71			
4				103	76	96	359	119	21			
5				102	74	105	323	108	0			
6				102	72	98	171	97	0			
7				102	71	95	118	99	0			
8				101	71	85	118	100	0			
9				100	69	91	105	100	0			
10				99	69	118	116	98	0			
11				97	84	182	120	98	0			
12				93	103	188	93	116	0			
13				92	89	174	60	124	0			
14				95	81	129	68	100	0			
15				97	81	163	64	85	0			
16				94	5.2	167	88	85	0			
17				109	0	101	108	85	0			
18				110	46	96	106	88	0			
19				110	63	88	107	91	0			
20			57	96	60	83	90	108	0			
21			107	96	61	82	75	116	0			
22			103	95	61	61	57	134	0			
23			99	97	63	47	35	145	0			
24			98	97	63	47	66	157	0			
25			94	93	66	36	97	110	0			
26			88	90	64	61	101	73	0			
27			91	89	64	65	89	71	0			
28			101	89	65	93	89	72	0			
29			105	91	64	113	93	72	0			
30		-----	105	90	61	181	90	72	0			
31		-----	104	-----	63	-----	90	71	-----		-----	
TOTAL	2,862 e	2,723 e	2,789 e	2,940	2,058.2	3,163	3,953	3,098	234			
MEAN			37.2	98.0	66.4	105	128	99.9	7.80			
MAX			107	110	103	188	359	157	71			
MIN			0	89	0	36	35	71	0			
AC-FT	5,677 e	5,401 e	5,533 e	5,830	4,080	6,270	7,840	6,140	464			
YEAR 1992	MAX	359	MIN	0	AC-FT	47,235 e						

REPUBLICAN RIVER BASIN

SUPERIOR CANAL from Republican River - 1992

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 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	79	62	51			
2						0	101	64	45			
3						0	112	74	41			
4						0	112	80	14			
5						0	113	74	0			
6						0	114	62	0			
7						0	112	39	0			
8						0	112	0	0			
9						0	112	0	0			
10						0	114	34	0			
11						0	106	60	0			
12						0	51	60	0			
13						0	2.9	74	0			
14						0	.19	59	0			
15						0	0	47	0			
16						0	0	46	0			
17						0	0	46	0			
18						0	51	46	0			
19						0	78	46	0			
20						0	37	60	0			
21						0	0	67	0			
22						14	0	67	0			
23						30	0	67	0			
24						29	0	63	0			
25						30	0	64	0			
26						28	0	57	0			
27						25	0	51	0			
28						30	0	51	0			
29						55	0	50	0			
30		-----				75	0	50	0			
31		-----		-----		-----	40	51	-----		-----	
TOTAL						316	1,447.09	1,671	151			
MEAN						10.5	46.7	53.9	5.03			
MAX						75	114	80	51			
MIN						0	0	0	0			
AC-FT						627	2,870	3,310	300			
YEAR 1992	MAX	114	MIN	0	AC-FT	7,110						

A vertical dotted line consisting of small black circles is positioned on the left side of the page.

1993

HYDROGRAPHIC REPORT

WHITE RIVER BASIN

WHITE RIVER at Crawford - 1993

LOCATION.--W1/2 Sec. 3-31-52 W.

GAGE.--Continuous stage recorder

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

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 695 cubic feet per second on July 16, gage height 6.28 ft.
Minimum daily discharge 11 cubic feet per second January 5, May 31, June 1.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23e	20	42	26	26	11	21	18	15	17	19	24
2	22e	21	51	26	24	12	20	18	15	17	18	25
3	20e	20	27	27	22	36	21	18	16	18	18	25
4	15e	19	26	25	21	28	20	17	16	17	19	24
5	11e	22	36	24	21	26	20	22	17	17	19	24
6	15e	43	51	27	22	32	20	20	18	17	23	25
7	16e	22	57	30	21	151	20	18	18	18	22	25
8	18e	22	42	29	26	48	19	17	19	24	19	24
9	20e	22	32	28	26	31	20	16	18	23	18	24
10	20e	22e	29	26	22	27	19	15	17	23	18	24
11	20e	22e	28	26	18	25	19	15	16	24	19	24
12	21e	20e	26	25	15	24	18	16	16	23	20	22
13	21e	18e	34	30	14	24	18	18	17	22	21	25
14	21e	20e	29	30	15	23	20	17	16	22	21	22
15	20e	22e	29	28	14	22	26	17	16	21	19	37
16	20e	21e	29	27	14	24	140	17	17	25	26	25
17	21e	22e	26	27	22	35	33	15	20	23	21	27
18	21e	23e	27	26	23	38	24	14	21	23	21	37
19	21e	20e	28	26	22	30	22	15	24	22	21	29
20	22e	19e	29	26	21	28	22	16	21	22	21	27
21	22e	22e	28	26	22	27	21	16	19	22	23	31
22	23e	24e	27	25	21	27	20	15	18	22	23	29
23	24e	24e	26	25	21	25	20	14	19	21	20e	28
24	25e	26e	26	25	20	26	25	14	19	22	21e	44
25	25e	28e	25	25	21	25	25	13	19	20	21e	25
26	24e	28e	25	25	18	23	25	18	18	20	22e	24
27	22	30e	25	23	13	24	26	17	17	19	24e	24e
28	21	36e	26	23	22	24	22	16	17	20	26e	24e
29	24	-----	29	24	19	21	21	16	17	21	28	24e
30	22	-----	26	24	14	20	19	16	17	22	25	24e
31	21	-----	27	-----	11	-----	19	15	-----	22	-----	23e
TOTAL	641	658	968	784	611	917	785	509	533	649	636	819
MEAN	20.7	23.5	31.2	26.1	19.7	30.6	25.3	16.4	17.8	20.9	21.2	26.4
MAX	25	43	57	30	26	151	140	22	24	25	28	44
MIN	11	18	25	23	11	11	18	13	15	17	18	22
AC-FT	1,270	1,310	1,920	1,560	1,210	1,820	1,560	1,010	1,060	1,290	1,260	1,620
YEAR 1993	TOTAL	8,510	MEAN	23.3	MAX	151	MIN	11	AC-FT	16,880		

WHITE RIVER BASIN

WHITNEY RESERVOIR from White River - 1993

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

Date	Contents (Acre-feet)
January 7, 1993	8,192
April 5, 1993	10,160
May 11, 1993	10,340
June 29, 1993	10,250
August 16, 1993	8,065
September 28, 1993	6,633

NIOBRARA RIVER BASIN

JOHNSON CANAL from Niobrara River - 1993

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	1.6	1.2	.61	.58			
2					1.0e	1.7	1.0	.61	.59			
3					1.5e	2.6	.93	.63	.62			
4					2.0e	3.5	.84	.75	.61			
5					2.5e	2.7	.81	.81	.66			
6					2.8	2.3	.90	.86	.70			
7					3.5	2.9	.79	.87	.75			
8					3.8	3.2	.73	.85	.75			
9					3.2	2.6	.73	.80	.62			
10					2.9	2.3	.72	.72	.57			
11					2.8	2.1	.73	.53	.58			
12					2.7	2.1	.72	.30	.54			
13					2.8	2.4	.75	.41	.57			
14					2.8	1.9	.73	.41	.62			
15					2.6	1.8	.78	.41	.60			
16					2.6	1.6	.79	.42	.50e			
17					3.1	2.2	.65e	.42	.50e			
18					2.8	3.8	.50e	.66	.45e			
19					2.5	3.3	.45e	.62	.30e			
20					2.4	2.7	.38	.64	.20e			
21					2.4	2.4	.36	.63	0			
22					2.8	2.4	.35	.57	0			
23					2.9	2.4	.38	.54	0			
24					2.4	2.2	.57	.52	0			
25					2.3	2.0	.63	.51	0			
26					2.2	1.9	.62	.61	0			
27					2.0	1.8	.60	.68	0			
28					2.0	1.7	.57	.68	0			
29		-----			1.9	1.5	.60	.66	0			
30		-----			1.8	1.3	.62	.62	0			
31		-----		-----	1.7	-----	.61	.63	-----		-----	
TOTAL					74.7	68.9	21.04	18.98	11.31			
MEAN					2.41	2.30	.68	.61	.38			
MAX					3.8	3.8	1.2	.87	.75			
MIN					0	1.3	.35	.30	0			
AC-FT					148	137	42	38	22			
YEAR 1993	MAX	3.8	MIN	0	AC-FT	387						

NIOBRARA RIVER BASIN

LAKOTAH CANAL from Niobrara River - 1993

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.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	4.0	0	3.2	2.2	1.9	3.4		
2				0	4.1	0	3.2	2.0	2.1	3.4		
3				0	4.0	.09	3.2	2.0	2.0	3.3		
4				0	3.8	.69	3.2	2.1	2.0	3.3		
5				0	3.7	.62	3.1	2.2	2.0	3.3		
6				0	3.6	.58	3.2	2.2	2.0	3.5		
7				0	3.9	.27	3.5	2.1	2.2	3.5		
8				0	4.4	.14	3.4a	2.0	2.5	3.9		
9				0	4.0	0	3.4	1.8	2.7	4.4		
10				0	3.5	2.1	3.3	1.7	2.6	4.5		
11				0	3.3	7.4	3.1	1.8	2.5	4.6		
12				0	3.3	6.5	3.1	1.9a	2.5	4.2		
13				0	3.3	5.5	3.1	2.0a	2.4	0		
14				0	3.3	4.6	3.0	2.1a	2.6	0		
15				0	3.1	3.9	2.8a	2.2a	2.8	0		
16				0	3.2	3.2	2.6a	2.2a	2.8a	0		
17				0	3.8	4.0	2.4a	2.3a	2.8a	0		
18				0	4.0	5.9	2.3a	2.3	2.8a	0		
19				0	3.5	6.8	2.2a	2.2	2.8a	0		
20				0	3.4	6.2	2.1	2.1	2.8a	0		
21				0	3.3	5.5	2.1	2.1	2.8a	0		
22				4.9	3.5	5.0	2.1	2.0	2.8a	0		
23				4.8	4.2	4.4	2.1	1.9	2.9	0		
24				4.6	4.0	4.4	2.2	1.8	2.9	0		
25				4.6	4.0	4.0	2.5	1.7	3.2	0		
26				4.5	1.7	3.7	2.6	1.8a	3.0	0		
27				4.4	0	3.5	2.7	2.0	2.8	0		
28				4.0	0	3.4	2.6	2.0	2.8	0		
29		-----		3.9	0	3.3	2.5	2.0	3.1	0		
30		-----		3.9	0	3.3	2.4	1.9	3.3	0		
31		-----		-----	0	-----	2.3	1.9	-----	0	-----	
TOTAL				39.6	93.9	98.99	85.5	62.5	78.4	45.3		
MEAN				1.32	3.03	3.30	2.76	2.02	2.61	1.46		
MAX				4.9	4.4	7.4	3.5	2.3	3.3	4.6		
MIN				0	0	0	2.1	1.7	1.9	0		
AC-FT				79	186	196	170	124	156	90		

YEAR 1993 MAX 7.4 MIN 0 AC-FT 1,000

NIOBRARA RIVER BASIN

EARNEST CANAL (SOUTH) from Niobrara River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	0	3.2		
2					0	0	0	0	.04	3.2		
3					0	0	0	0	1.1	3.4		
4					0	0	0	0	1.5	3.2		
5					0	0	0	0	.41	3.1		
6					0	0	0	0	0	3.0		
7					0	0	0	0	0	2.9		
8					0	0	0	0	0	2.7		
9					0	0	0	0	0	1.9		
10					0	0	0	0	0	0		
11					0	0	0	0	0	2.2		
12					0	0	0	0	0	2.8		
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	3.4	0		
24					0	0	0	0	3.6	0		
25					0	0	0	0	3.6	0		
26					0	0	0	0	3.5	0		
27					0	0	0	0	3.4	0		
28					0	0	0	0	3.2	0		
29		-----			0	0	0	0	3.4	0		
30		-----			0	0	0	0	3.1	0		
31		-----		-----	0	-----	0	0	-----	0	-----	
TOTAL					0	0	0	0	30.25	31.6		
MEAN					0	0	0	0	1.01	1.02		
MAX					0	0	0	0	3.6	3.4		
MIN					0	0	0	0	0	0		
AC-FT					0	0	0	0	60	63		
YEAR 1993	MAX	3.6	MIN	0	AC-FT	123						

NIOBRARA RIVER BASIN

EARNEST CANAL (NORTH) from Niobrara River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	4.3	2.8		
2					0	0	0	0	4.2	2.7		
3					0	0	0	0	3.9	2.0		
4					0	0	0	0	3.7	2.8		
5					0	0	0	0	2.4	2.6		
6					0	0	0	0	2.2	2.7		
7					0	0	0	0	2.4	2.2		
8					0	0	0	0	2.6	2.5		
9					0	0	0	0	2.6	2.8		
10					0	0	0	0	2.6	3.1		
11					0	0	0	0	3.8	3.1		
12					0	0	0	0	4.4	2.8		
13					0	0	0	0	4.8	1.3		
14					0	0	0	0	5.0	0		
15					0	0	0	0	5.2	0		
16					0	0	0	0	4.0a	0		
17					0	0	0	0	3.8a	0		
18					0	0	0	0	3.6a	0		
19					0	0	0	0	3.4a	0		
20					0	0	0	0	3.2a	0		
21					0	0	0	0	3.0a	0		
22					0	0	0	0	2.4a	0		
23					0	0	0	0	2.1	0		
24					0	0	0	1.8	2.5	0		
25					0	0	0	4.0	2.6	0		
26					0	0	0	3.7a	2.6	0		
27					0	0	0	3.5	2.5	0		
28					0	0	0	4.1	2.4	0		
29		-----			0	0	0	4.1	2.3	0		
30		-----			0	0	0	4.3	2.7	0		
31		-----		-----	0	-----	0	4.5	-----	0	-----	
TOTAL					0	0	0	30.0	97.2	33.4		
MEAN					0	0	0	.97	3.24	1.08		
MAX					0	0	0	4.5	5.2	3.1		
MIN					0	0	0	0	2.1	0		
AC-FT					0	0	0	60	193	66		
YEAR 1993	MAX	5.2	MIN	0	AC-FT	319						

NIOBRARA RIVER BASIN

McGINLEY-STOVER CANAL from Niobrara River - 1993

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.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	8.6	0	0	0			
2					0	10	0	0	0			
3					0	13	0	0	0			
4					0	12	0	0	0			
5					0	0	0	0	0			
6					0	0	0	0	0			
7					0	0	0	0	0			
8					2.0a	0	0	0	0			
9					2.5a	0	0	0	0			
10					3.0a	0	0	0	0			
11					3.5a	0	0	0	0			
12					3.8a	0	0	0	0			
13					3.8	0	0	0	0			
14					5.0	0	0	0	0			
15					4.8	0	0	0	0			
16					5.8	0	0	0	0			
17					12	0	0	0	0			
18					23	0	0	0	0			
19					20	0	0	0	0			
20					12	0	0	0	0			
21					9.2	0	0	0	0			
22					8.5	0	0	0	0			
23					7.8	0	0	0	0			
24					7.1	0	0	0	0			
25					6.8	0	0	0	0			
26					6.4	0	0	0	0			
27					5.7	0	0	0	0			
28					2.8	0	0	0	0			
29		-----			1.7	0	0	0	0			
30		-----			1.6	0	0	0	0			
31		-----		-----	1.4	-----	0	0	-----		-----	
TOTAL					160.2	43.6	0	0	0			
MEAN					5.17	1.45	0	0	0			
MAX					23	13	0	0	0			
MIN					0	0	0	0	0			
AC-FT					318	86	0	0	0			
YEAR 1993	MAX	23	MIN	0	AC-FT	404						

N I O B R A R A R I V E R B A S I N

COOK CANAL NO. 1 from Niobrara River - 1993

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 1993

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	0	0	0			
16					0	0	0	0	0			
17					0	0	0	0	0			
18					0	0	0	0	0			
19					0	0	0	0	0			
20					0	0	0	0	0			
21					0	0	0	0	0			
22					0	0	0	0	0			
23					0	0	0	0	0			
24					0	0	0	0	0			
25					0	0	0	0	0			
26					0	0	0	0	0			
27					0	0	0	0	0			
28					0	0	0	0	0			
29		-----			0	0	0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					0	0	0	0	0			
MEAN					0	0	0	0	0			
MAX					0	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					0	0	0	0	0			
YEAR 1993	MAX	0	MIN	0	AC-FT	0						

N IOBRARA R IVER B A S I N

HARRIS-NEECE CANAL from Niobrara River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	15	0	0	0			
2					0	14	0	0	0			
3					0	5.5	0	0	0			
4					0	3.4	0	0	0			
5					0	2.7	0	0	0			
6					4.1	2.4	9.5a	0	0			
7					9.7	3.6	9.5a	0	0			
8					10	2.7	9.5a	0	0			
9					10	.80	9.5a	0	0			
10					10	0	9.5	0	0			
11					11	0	9.5	0	0			
12					11	0	9.6	0	0			
13					10	0	9.4	0	0			
14					9.7	0	7.3	0	0			
15					9.4	0	7.9	0	0			
16					9.3	0	8.0a	0	0			
17					9.4	0	8.5a	0	0			
18					9.4	0	8.5a	0	0			
19					9.4	0	9.0a	0	0			
20					8.7	0	9.0a	0	0			
21					8.8	0	9.0a	0	0			
22					9.1	0	9.0a	0	0			
23					9.5	0	9.5a	0	0			
24					9.4	0	9.3	0	0			
25					9.3	0	4.8	0	0			
26					10	0	0	0	0			
27					12	0	0	0	0			
28					12	0	0	0	0			
29		-----			13	0	0	0	0			
30		-----			14	.04	0	0	0			
31		-----		-----	15	-----	0	0	-----		-----	
TOTAL					263.2	50.14	175.8	0	0			
MEAN					8.49	1.67	5.67	0	0			
MAX					15	15	9.6	0	0			
MIN					0	0	0	0	0			
AC-FT					522	99	349	0	0			
YEAR 1993	MAX	15	MIN	0	AC-FT	970						

N I O B R A R A R I V E R B A S I N

LABELLE CANAL from Niobrara River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	.24	.11	0			
2					0	0	.21	.04	0			
3					0	0	.21	0	0			
4					0	0	.18	0	0			
5					0	0	.16	0	0			
6					0	0	.15	0	0			
7					0	0	.20	0	0			
8					0	.65	.25 ^a	0	0			
9					0	5.0	.34	0	0			
10					0	4.0	.34	0	0			
11					0	3.5	.34	0	0			
12					0	3.6	.35	0	0			
13					0	3.8	.35	0	0			
14					0	3.9	.39	0	0			
15					0	4.2	.39	0	0			
16					0	2.2	.39	0	0			
17					0	.60	.38 ^a	0	0			
18					0	.60	.38 ^a	0	0			
19					0	.50	37 ^a	0	0			
20					0	.44	37 ^a	0	0			
21					0	.36	37 ^a	0	0			
22					0	.33	36 ^a	0	0			
23					0	.28	.36	0	0			
24					0	.28	.41	0	0			
25					0	.25	.41	0	0			
26					0	.23	.36	0	0			
27					0	.20	.24	0	0			
28					0	.27	.23	0	0			
29		-----			0	.28	.21	0	0			
30		-----			0	.28	.22	0	0			
31		-----		-----	0	-----	.19	0	-----		-----	
TOTAL					0	35.75	154.88	0.15	0			
MEAN					0	1.19	5.00	.005	0			
MAX					0	5.0	37	.11	0			
MIN					0	0	.15	0	0			
AC-FT					0	71	307	.3	0			
YEAR 1993	MAX	37	MIN	0	AC-FT	378						

NIOBRARA RIVER BASIN

METTLEN CANAL from Niobrara River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	5.6	0	.31	0			
2					0	6.0	0	0	0			
3					0	7.3	0	0	0			
4					0	8.0	0	0	0			
5					0	7.5	0	0	0			
6					0	6.8	0	0	0			
7					0	2.7	0	0	0			
8					0	0	0	0	0			
9					0	0	0	.36	0			
10					0	0	0	1.7	0			
11					0	0	0	3.7	0			
12					0	0	0	3.9	0			
13					0	0	.61	4.2	0			
14					0	0	.88	4.2	0			
15					0	0	1.4	4.0	0			
16					0	0	1.1	4.0	0			
17					0	0	1.8 a	3.8	0			
18					0	0	2.0 a	3.7	0			
19					0	0	2.0 a	3.7	0			
20					0	0	2.5 a	3.7	0			
21					0	0	2.6 a	3.9	0			
22					0	0	2.7 a	1.6	0			
23					0	0	2.8 a	0	0			
24					0	0	2.9	.01	0			
25					0	0	1.9	0	0			
26					0	0	.10	0	0			
27					1.8	0	.60	0	0			
28					3.8	0	.71	0	0			
29		-----			4.1	0	.67	0	0			
30		-----			4.4	0	.56	0	0			
31		-----		-----	4.9	-----	.53	0	-----		-----	
TOTAL					19.0	43.9	28.36	46.78	0			
MEAN					.61	1.46	.91	1.51	0			
MAX					4.9	8.0	2.9	4.2	0			
MIN					0	0	0	0	0			
AC-FT					38	87	56	93	0			
YEAR 1993	MAX	8.0	MIN	0	AC-FT	274						

NIOBRARA RIVER BASIN

BENNETT-KAY CANAL from Niobrara River - 1993

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 1993

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					3.0	0	0	0	0			
9					4.1	0	0	0	0			
10					4.1	0	0	0	0			
11					4.1	0	0	0	0			
12					4.1	0	0	0	0			
13					4.1	0	0	0	0			
14					3.8	0	0	0	0			
15					3.5	0	0	0	0			
16					3.5	0	0	0	0			
17					4.2	0	0	0	0			
18					4.2	0	0	0	0			
19					4.1	0	0	0	0			
20					4.1	0	0	0	0			
21					3.9	0	0	0	0			
22					4.1	0	0	0	0			
23					4.3	0	0	0	0			
24					4.3	0	0	0	0			
25					4.0	0	0	0	0			
26					3.5	0	0	0	0			
27					1.3	0	0	0	0			
28					3.3	0	0	0	0			
29		-----			3.2	0	0	0	0			
30		-----			3.2	0	0	0	0			
31		-----		-----	1.3	-----	0	0	-----		-----	
TOTAL					87.3	0	0	0	0			
MEAN					2.82	0	0	0	0			
MAX					4.3	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					173	0	0	0	0			
YEAR 1993	MAX	4.3	MIN	0	AC-FT	173						

NIOBRARA RIVER BASIN

MOORE - KAY CANAL from Niobrara River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

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	0	0	0			
16					0	0	0	0	0			
17					0	0	0	0	0			
18					0	0	0	0	0			
19					0	0	0	0	0			
20					0	0	0	0	0			
21					0	0	0	0	0			
22					0	0	0	0	0			
23					0	0	0	0	0			
24					0	0	0	0	0			
25					0	0	0	0	0			
26					0	0	0	0	0			
27					0	0	0	0	0			
28					0	0	0	0	0			
29		-----			0	0	0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					0	0	0	0	0			
MEAN					0	0	0	0	0			
MAX					0	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					0	0	0	0	0			
YEAR 1993	MAX	0	MIN	0	AC-FT	0						

NIOBRARA RIVER BASIN

GEO. HITSHEW CANAL from Niobrara River - 1993

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 1993

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	0	0	0			
16					0	0	0	0	0			
17					0	0	0	0	0			
18					0	0	0	0	0			
19					0	0	0	0	0			
20					0	0	0	0	0			
21					0	0	0	0	0			
22					0	0	0	0	0			
23					0	0	0	0	0			
24					0	0	0	0	0			
25					0	0	0	0	0			
26					0	0	0	0	0			
27					0	0	0	0	0			
28					0	0	0	0	0			
29		-----			0	0	0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					0	0	0	0	0			
MEAN					0	0	0	0	0			
MAX					0	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					0	0	0	0	0			
YEAR 1993	MAX	0	MIN	0	AC-FT	0						

NIOBRARA RIVER BASIN

McLAUGHLIN CANAL from Niobrara River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	1.5	.97	0			
2					0	0	1.6	.90	.58			
3					0	0	1.6	.88	.72			
4					0	0	1.6	.88	.58			
5					0	0	1.1	.95	.56			
6					0	2.0a	.87	.97	.54			
7					0	2.0a	.83	.99	.11			
8					0	2.5a	.87	1.0	0			
9					0	2.5a	1.1	1.1	0			
10					0	2.5a	1.1	1.1	0			
11					0	1.8	1.0	1.2	0			
12					0	1.6	1.1	1.2	0			
13					0	1.3	1.1	1.0	0			
14					0	1.2	1.1	.74	0			
15					0	1.2	1.1	.50	0			
16					0	1.0	1.1	.39	0			
17					0	1.4	2.1	.31	0			
18					0	1.7	2.4	.23	0			
19					0	1.7	1.7	.05	0			
20					0	1.6	1.3	0	0			
21					0	1.6	1.2	0	0			
22					0	1.7	1.1	0	0			
23					0	1.7	1.2	.11	0			
24					0	1.5	2.1	.65	0			
25					0	1.4	2.9	1.0	0			
26					0	1.3	2.8	1.0	0			
27					0	1.5	2.7	.74	0			
28					0	1.4	2.2	.59	0			
29		-----			0	1.4	1.6	.34	0			
30		-----			0	1.5	1.2	.05	0			
31		-----		-----	0	-----	1.1	0	-----		-----	
TOTAL					0	41.0	46.27	19.84	3.09			
MEAN					0	1.37	1.49	.64	.10			
MAX					0	2.5	2.9	1.2	.72			
MIN					0	0	.83	0	0			
AC-FT					0	81	92	39	6.1			
YEAR 1993	MAX	2.9	MIN	0	AC-FT	219						

N I O B R A R A R I V E R B A S I N

EXCELSIOR CANAL from Niobrara River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	2.5	4.9	0	0			
2					0	2.5	5.4	0	0			
3					0	2.7	5.1	0	0			
4					0	6.8	4.9	0	0			
5					0	6.6	4.8	0	0			
6					0	5.8	4.3	0	0			
7					0	8.1	3.9	0	0			
8					0	7.5	1.0	0	0			
9					0	6.4	0	0	0			
10					0	5.9	0	0	0			
11					0	6.1	0	0	0			
12					0	6.0	0	0	0			
13					0	5.7	0	0	0			
14					.39	5.2	0	0	0			
15					3.6	4.8	0	0	0			
16					3.6	4.8	0	0	0			
17					4.3	5.1	0	0	0			
18					5.4	6.0	0	0	0			
19					4.6	5.9	0	0	0			
20					3.8	5.7	0	0	0			
21					4.0	5.5	0	0	0			
22					3.8	5.5	0	0	0			
23					3.8	5.8	0	0	0			
24					3.8	5.6	0	0	0			
25					3.8	5.1	0	0	0			
26					3.7	4.9	0	0	0			
27					3.6	4.8	0	0	0			
28					3.3	4.6	0	0	0			
29		-----			2.7	4.5	0	0	0			
30		-----			3.1	4.3	0	0	0			
31		-----		-----	2.7	-----	0	0	-----		-----	
TOTAL					63.99	160.7	34.3	0	0			
MEAN					2.06	5.36	1.11	0	0			
MAX					5.4	8.1	5.4	0	0			
MIN					0	2.5	0	0	0			
AC-FT					127	319	68	0	0			
YEAR 1993	MAX	8.1	MIN	0	AC-FT	514						

NIOBRARA RIVER BASIN

HUGHES CANAL from Niobrara River - 1993

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 1993

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	.14	0	0	0			
5					0	.10	0	0	0			
6					0	.09	0	0	0			
7					0	.76	.06	0	0			
8					0	.56	1.2	0	0			
9					0	.31	1.4	0	0			
10					0	.91	1.3	0	0			
11					0	1.6	1.4	0	0			
12					0	1.8	1.5	0	0			
13					0	1.6	1.5	0	0			
14					0	1.6	1.6	0	0			
15					0	1.6	1.7	0	0			
16					0	1.5	1.5	0	0			
17					0	2.1	0	0	0			
18					0	2.5	0	0	0			
19					0	1.7	0	0	0			
20					0	.22	0	0	0			
21					0	.15	0	0	0			
22					0	.09	0	0	0			
23					0	.09	0	0	0			
24					0	.06	0	0	0			
25					0	.03	0	0	0			
26					0	.06	0	0	0			
27					0	.02	0	0	0			
28					0	0	0	0	0			
29		-----			0	0	0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					0	19.59	13.16	0	0			
MEAN					0	.65	.42	0	0			
MAX					0	2.5	1.7	0	0			
MIN					0	0	0	0	0			
AC-FT					0	39	26	0	0			
YEAR 1993	MAX	2.5	MIN	0	AC-FT	65						

NIOBRARA RIVER BASIN

PIONEER CANAL from Niobrara River - 1993

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

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					2.4a	0	0	0	0			
5					3.0a	0	0	0	0			
6					4.5a	0	0	0	0			
7					4.8	0	0	0	0			
8					4.9	0	0	0	0			
9					4.9	0	0	0	0			
10					4.9	0	0	0	0			
11					4.6	0	0	0	0			
12					4.5	0	0	0	0			
13					4.8	0	0	0	0			
14					5.4	0	0	0	0			
15					5.1	0	0	0	0			
16					4.8	0	0	0	0			
17					4.9	0	0	0	0			
18					4.9	0	0	0	0			
19					4.6	0	0	0	0			
20					4.3	0	0	0	0			
21					4.2	0	0	0	0			
22					4.2	0	0	0	0			
23					4.1	0	0	0	0			
24					4.0	0	0	0	0			
25					4.0	0	0	0	0			
26					3.9	0	0	0	0			
27					3.8	0	0	0	0			
28					3.7	0	0	0	0			
29		-----			3.4	0	0	0	0			
30		-----			1.4	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					114.0	0	0	0	0			
MEAN					3.68	0	0	0	0			
MAX					5.4	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					226	0	0	0	0			
YEAR 1993	MAX	5.4	MIN	0	AC-FT	226						

NIOBRARA RIVER BASIN

BOX BUTTE RESERVOIR from Niobrara River - 1993

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

GAGE.--Reference point

PERIOD OF RECORD.--1946 - present

STORAGE LEVEL	GAGE HEIGHT (Feet)	CONTENT (Acre-feet)
Top of conservation pool		
Top fo dead storage pool		

Date	Contents (Acre-feet)
January 11, 1993	11,131
February 12, 1993	12,320
February 23, 1993	12,784
March 8, 1993	13,345
March 24, 1993	14,861
April 9, 1993	16,613
April 26, 1993	18,261
May 7, 1993	18,765
May 15, 1993	18,960
May 22, 1993	19,058
May 28, 1993	19,095
June 4, 1993	19,354
June 10, 1993	19,840
June 17, 1993	20,067
June 24, 1993	20,449
July 1, 1993	20,652
July 8, 1993	20,042
July 15, 1993	17,799
July 22, 1993	16,070
July 26, 1993	15,051
July 29, 1993	14,861
August 5, 1993	12,705
August 12, 1993	11,351
August 19, 1993	10,200
August 26, 1993	8,446
September 2, 1993	7,652
September 9, 1993	7,096
September 16, 1993	7,164
September 24, 1993	7,811
October 25, 1993	10,028
December 21, 1993	13,306

NIOBRARA RIVER BASIN

NIOBRARA RIVER below Box Butte Reservoir - 1993

LOCATION.--SE1/4 Sec. 28-29-49 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1946 - present

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 183 cubic feet per second on July 24 at gage height 4.26 feet.
Minimum daily discharge 0.77 cubic feet per second on January 31.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	.81	.79	.81	.86	.98	1.2	1.1	134	101	.89	.93	.98
2	.81	.78	.81	.85	.98	1.2	1.0	131	93	.87	.90	.95
3	.81	.78	.83	.91	.96	1.7	1.1	138	81	.87	.90	.95
4	.82	.80	.81	.87	.96	1.5	1.1	142	71	.88	.90	.98
5	.84	.81	.81	.87	.98	1.4	1.0	129	77	.90	.90	.98
6	.84	.81	.85	.92	.98	1.4	1.1	99	81	.90	.92	.97
7	.84	.83	.91	.91	.98	1.6	.66	82	73	.90	.94	.98
8	.83	.81	.91	.89	1.1	1.3	.79	86	61	1.0	.95	.98
9	.81	.80	.87	.84	.98	1.3	.94	99	60	.96	.95	.98
10	.81	.83	.84	.84	.96	1.3	1.14	121	60	.95	.94	.98
11	.84	.85	.84	.86	.96	1.3	1.16	131	58	.95	.94	.98
12	.78	.85	.84	.90	.97	1.3	1.29	132	57	.95	1.1	.98
13	.79	.82	.85	1.0	.99	1.3	1.39	121	20	.93	1.0	.98
14	.81	.79	.87	1.0	.99	1.3	1.30	110	1.0	.93	1.0	.98
15	.81	.81	.87	1.0	1.0	1.2	1.31	110	1.0	.93	.99	.98
16	.81	.81	.87	1.1	1.1	1.2	1.27	112	.99	.93	.95	.98
17	.83	.81	.89	1.1	1.1	1.3	1.28	112	.98	.93	.96	.98
18	.86	.81	.90	1.1	1.1	1.4	1.29	114	1.0	.93	1.0	.98
19	.87	.81	.91	1.0	1.1	1.3	1.38	110	1.1	.93	1.0	.98
20	.86	.81	.96	1.1	1.1	1.2	1.47	104	.99	.93	1.0	.98
21	.84	.81	.98	1.1	1.2	1.2	1.43	101	.93	.93	1.0	.98
22	.84	.81	.98	1.0	1.2	1.2	1.55	101	.92	.93	1.0	.98
23	.87	.81	.95	1.0	1.2	1.2	1.71	111	.90	.91	.97	.98
24	.87	.81	.94	.96	1.2	1.2	1.79	125	.89	.89	.98	.98
25	.86	.81	.91	.95	1.3	1.2	1.60	130	.86	.90	.96	1.0
26	.83	.81	.90	.95	1.2	1.0	1.33	124	.84	.90	.96	1.0
27	.87	.84	.88	.92	1.2	1.1	1.02	109	.86	.90	.99	1.0
28	.84	.83	.92	.92	1.3	1.1	.96	108	.86	.90	.98	1.0
29	.84	-----	.97	.93	1.3	1.1	1.14	110	.87	.91	.98	1.0
30	.78	-----	.92	.98	1.3	1.1	1.25	114	.90	.94	.98	1.0
31	.77	-----	.89	-----	1.3	-----	1.36	106	-----	.96	-----	1.0
TOTAL	25.69	22.74	27.49	28.63	33.97	38.1	3,187.4	3,556	908.89	28.53	28.97	30.45
MEAN	.83	.81	.89	.95	1.10	1.27	103	115	30.3	.92	.97	.98
MAX	.87	.85	.98	1.1	1.3	1.7	179	142	101	1.0	1.1	1.0
MIN	.77	.78	.81	.84	.96	1.0	1.0	82	.84	.87	.90	.95
AC-FT.	51	45	55	57	67	76	6,320	7,050	1,800	57	57	60
YEAR 1993	TOTAL	7,916.86	MEAN	21.7	MAX	179	MIN	.77	AC-FT	15,700		

NIOBRARA RIVER BASIN

MONTAGUE CANAL from Niobrara River - 1993

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 1993

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	0	0	0			
16					0	0	0	0	0			
17					0	0	0	0	0			
18					0	0	0	0	0			
19					0	0	0	0	0			
20					0	0	0	0	0			
21					0	0	0	0	0			
22					0	0	0	0	0			
23					0	0	0	0	0			
24					0	0	0	0	0			
25					0	0	0	0	0			
26					0	0	0	0	0			
27					0	0	0	0	0			
28					0	0	0	0	0			
29		-----			0	0	0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					0	0	0	0	0			
MEAN					0	0	0	0	0			
MAX					0	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					0	0	0	0	0			
YEAR 1993	MAX	0	MIN	0	AC-FT	0						

NIOBRARA RIVER BASIN

LICHTE CANAL from Niobrara River - 1993

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 1993

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	.65	0	0			
10					0	0	4.0	0	0			
11					0	0	4.1	0	0			
12					0	0	4.1	0	0			
13					0	0	4.0	0	0			
14					0	0	4.0	0	0			
15					0	0	4.0	0	0			
16					0	0	3.4	0	0			
17					0	0	2.5	0	0			
18					0	0	3.7	0	0			
19					0	0	3.7	0	0			
20					0	0	1.2	2.0	0			
21					0	0	0	3.5	0			
22					0	0	0	3.5	0			
23					0	0	0	3.5	0			
24					0	0	0	3.4	0			
25					0	0	0	3.5	0			
26					0	0	0	3.6	0			
27					0	0	0	3.6	0			
28					0	0	0	3.5	0			
29		-----			0	0	0	1.7	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					0	0	39.35	31.8	0			
MEAN					0	0	1.27	1.03	0			
MAX					0	0	4.1	3.6	0			
MIN					0	0	0	0	0			
AC-FT					0	0	78	63	0			
YEAR 1993	MAX	4.1	MIN	0	AC-FT	141						

NIOBRARA RIVER BASIN

MIRAGE FLATS CANAL from Niobrara River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	127	102			
2					0	0	0	124	97			
3					0	0	0	132	84			
4					0	0	0	135	43			
5					0	0	0	134	80			
6					0	0	0	107	85			
7					0	0	33	77	73			
8					0	0	68	78	49			
9					0	0	77	84	58			
10					0	0	112	117	70			
11					0	0	106	129	69			
12					0	0	110	134	71			
13					0	0	142	125	47			
14					0	0	122	115	0			
15					0	0	130	116	0			
16					0	0	128	117	0			
17					0	0	132	115	0			
18					0	0	126	117	0			
19					0	0	128	113	0			
20					0	0	146	105	0			
21					0	0	144	104	0			
22					0	0	148	107	0			
23					0	0	160	114	0			
24					0	0	163	134	0			
25					0	0	157	143	0			
26					0	0	135	127	0			
27					0	0	109	106	0			
28					0	0	79	106	0			
29		-----			0	0	103	108	0			
30		-----			0	0	113	111	0			
31		-----		-----	0	-----	127	101	-----		-----	
TOTAL					0	0	2,998	3,562	928			
MEAN					0	0	96.7	115	30.9			
MAX					0	0	163	143	102			
MIN					0	0	0	77	0			
AC-FT					0	0	5,950	7,070	1,840			
YEAR 1993	MAX	163	MIN	0	AC-FT	14,850						

NIOBRARA RIVER BASIN

POTMESIL CANAL from Niobrara River - 1993

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.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	8.3	5.7			
2					0	0	2.9	8.2	1.7			
3					0	0	3.0 a	8.3	0			
4					0	0	4.5 a	8.1	1.5			
5					0	0	4.5 a	7.8	5.4			
6					0	0	4.5 a	6.4	6.1			
7					0	0	4.7	5.1	6.0			
8					0	0	4.8	5.3	5.1			
9					0	0	6.4	6.6	5.1			
10					0	0	6.0	8.7	5.5			
11					0	0	5.7	8.8	.78			
12					0	0	6.7	8.9	0			
13					0	0	5.8	8.6	0			
14					0	0	2.9	7.9	0			
15					0	0	.02	7.8	0			
16					0	0	0	7.9	0			
17					0	0	0	7.9	0			
18					0	0	0	8.2	0			
19					0	0	5.4	8.3	0			
20					0	0	7.5	8.3	0			
21					0	0	7.3	8.2	0			
22					0	0	7.1	8.0	0			
23					0	0	7.5	7.4	0			
24					0	0	8.2	7.9	0			
25					0	.59	8.2	6.7	0			
26					0	1.3	5.2	4.0	0			
27					0	3.4	3.1	.01	0			
28					0	4.3	8.8	.02	0			
29		-----			0	4.8	8.8	1.9	0			
30		-----			0	3.2	8.3	6.1	0			
31		-----		-----	0	-----	8.2	5.8	-----		-----	
TOTAL					0	17.59	156.02	211.43	42.88			
MEAN					0	.59	5.03	6.82	1.43			
MAX					0	4.8	8.8	8.9	6.1			
MIN					0	0	0	.01	0			
AC-FT					0	35	309	419	85			
YEAR 1993	MAX	8.9	MIN	0	AC-FT	849						

NIOBRARA RIVER BASIN

NIOBRARA RIVER near Gordon - 1993

LOCATION.--NE1/4 Sec. 26-31-42 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Aug. 1928 - Sep. 1932, Oct. 1945 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 580 cubic feet per second on March 8 at gage height 1.98 feet.
Maximum gage height 2.48 feet on January 18, backwater from ice.
Minimum daily discharge 60 cubic feet per second on February 11.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	94e	130e	112e	155	122	69	78	68	84	90	114	114e
2	94e	135e	112e	142	125	90	76	68	75	88	111	120e
3	94e	130e	112e	172	129	101	79	74	72	88	110	124e
4	94e	114e	120e	160	123	149	72	75	74	94	106	130e
5	94e	116e	136	146	120	158	68	87	88	95	97	132
6	96e	100e	141	146	196	150	70	92	94	94	102	116
7	94e	74e	167	158	216	134	69	102	93	90	119	109
8	94e	70e	287	159	163	152	71	87	92	123	110	108
9	94e	64e	195	159	133	129	74	77	83	132	107	92
10	92e	64e	99	149	118	106	72	69	79	150	102	90
11	92e	60e	104	132	99	96	67	68	77	159	99	88
12	92e	90e	93	126	98	90	87	70	73	163	107	86e
13*	94e	106e	95	157	94	85	184	79	75	154	118	90e
14	92e	86e	103	182	88	84	116	73	84	134	108	90e
15	92e	60e	125	181	82	83	91	74	98	119	112	90e
16	94e	60e	139	156	83	83	84	78	95	126	109	92e
17	98e	110e	117	150	88	130	85	81	95	134	141	92e
18	104e	104e	114	142	85	148	84e	72	114	130	136	82e
19	102e	100e	125	142	82	156	84e	71	190	122	128	98e
20	96e	102e	144	133	80	139	82e	77	177	116	122	100e
21	94e	100e	155	143	81	102	80	72	174	112	116	102e
22	94e	108e	144	143	80	100	74	74	134	107	123	102e
23	92e	106e	144	133	81	137	73	71	112	106	108	104e
24	92e	106e	162	126	87	210	97	69	111	109	100e	104e
25	96e	108e	185	126	82	143	113	66	110	103	90e	104e
26	100e	110e	196	127	81	123	124	72	104	100	100e	104e
27	102e	112e	183	121	78	95	115	74	103	104	106e	110e
28	110e	112e	172	125	79	84	93	79	102	103	106e	110e
29	116e	-----	191	132	80	85	81	74	98	100	108e	110e
30	122e	-----	174	122	88	83	73	80e	95	104	110e	112e
31	130e	-----	145	-----	75	-----	70	82e	-----	112	-----	100e
TOTAL	3,044	2,737	4,491	4,345	3,216	3,494	2,686	2,355	3,055	3,561	3,325	3,205
MEAN	98.2	97.8	145	145	104	116	86.6	76.0	102	115	111	103
MAX	130	135	287	182	216	210	184	102	190	163	141	132
MIN	92	60	93	121	75	69	67	66	72	88	90	82
AC-FT	6,040	5,430	8,910	8,620	6,380	6,930	5,330	4,670	6,060	7,060	6,600	6,360
YEAR 1993	TOTAL	39,514	MEAN	108	MAX	287	MIN	60	AC-FT	78,380		

NIOBRARA RIVER BASIN

SNAKE RIVER at Doughboy - 1993

LOCATION.--NE1/4NW1/4 Sec. 2-30-34 W., Cherry County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1981 - present

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										141	145	158
2										140	144	160
3										141	143	161
4										142	141	161
5										143	136	161
6										140	135	157
7										140	139	159
8										151	140	160
9										162	139	160
10										164	140	159
11										169	143	160
12										169	153	163
13										171	153	161
14										170	151	158
15										162	150	159
16										158	151	160
17										159	152	158
18										158	154	155
19										158	153	153
20										156	152	155
21										151	152	156
22										150	151	156
23										149	143	157
24										149	130e	156
25										147	126e	159
26										144	130e	160
27										142	135e	160
28										143	140e	157
29		-----								137	150e	159
30		-----								136	160	160
31		-----		-----		-----			-----	141	-----	160
TOTAL										4,683	4,331	4,918
MEAN										151	144	159
MAX										171	160	163
MIN										136	126	153
AC-FT										9,290	8,590	9,750
YEAR 1993	TOTAL	57,403	MEAN	157	MAX	208	MIN	126	AC-FT	113,900		

NIOBRARA RIVER BASIN

MERRITT RESERVOIR from Snake River - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	68,290	69,110	68,830	69,670	74,490	74,490	74,490	74,200	56,730	58,420	68,560	68,830
2	68,290	69,390	69,110	69,670	74,490	74,490	74,780	73,910	56,000	58,420	68,560	68,830
3	68,020	69,390	69,110	69,670	74,490	74,490	75,080	73,340	55,300	58,420	68,560	69,110
4	68,020	69,390	69,110	69,950	74,490	74,780	75,080	72,480	55,070	58,420	68,560	69,110
5	68,290	69,390	69,110	69,950	74,490	74,780	75,080	71,910	55,070	58,420	68,560	69,110
6	68,290	69,390	69,110	69,950	74,490	74,780	75,080	71,060	54,840	58,420	68,560	69,110
7	68,290	69,390	69,110	69,950	74,490	74,780	75,080	70,500	54,840	58,420	68,560	69,110
8	68,290	69,390	69,110	70,230	74,490	75,080	75,080	69,950	55,070	58,180	68,560	69,110
9	68,290	69,390	69,390	70,500	74,490	74,780	74,780	69,390	55,310	58,920	68,830	69,110
10	68,290	69,390	69,390	70,500	74,780	74,780	74,780	68,560	55,540	59,410	68,830	69,110
11	68,290	69,390	69,670	70,780	74,780	74,490	74,490	68,020	55,770	59,910	68,830	68,830
12	68,560	69,110	69,670	71,060	74,780	74,490	74,490	66,930	56,000	60,410	68,830	68,830
13	68,560	69,110	69,670	71,060	74,780	74,490	74,780	66,120	56,250	61,170	69,110	68,830
14	68,560	69,110	69,670	71,620	74,780	74,490	74,490	65,590	56,250	61,680	69,110	68,830
15	68,560	69,110	69,670	71,910	75,080	74,490	74,780	65,060	56,490	62,190	69,110	68,830
16	68,560	69,110	69,390	72,190	75,080	74,490	74,780	64,270	56,730	62,710	69,390	68,830
17	68,560	69,110	69,390	72,480	75,080	74,490	74,780	63,740	56,970	63,480	69,390	68,830
18	68,830	68,830	69,390	72,770	74,200	74,490	74,780	63,480	57,210	64,000	69,390	68,830
19	68,830	68,830	69,110	72,770	74,200	74,780	74,780	63,220	57,690	64,530	69,390	68,830
20	68,830	68,830	68,830	73,050	74,200	74,780	74,780	62,960	58,180	65,060	69,110	68,830
21	68,830	68,830	68,830	73,340	74,200	74,780	74,780	62,960	58,420	65,590	69,110	68,830
22	69,110	68,830	68,830	73,340	74,200	75,080	74,780	62,710	58,420	66,120	68,830	68,830
23	69,110	68,830	68,830	73,630	74,490	75,080	74,780	62,450	58,420	66,660	68,830	68,830
24	69,110	68,830	69,110	73,910	74,490	75,080	74,780	61,940	58,420	67,200	68,830	68,830
25	69,110	68,830	69,110	73,910	74,490	75,080	74,780	61,170	58,420	67,470	68,830	68,830
26	69,110	68,830	69,110	74,200	74,490	74,780	74,780	60,410	58,420	67,740	68,830	68,830
27	69,110	68,830	69,110	74,200	74,490	74,780	74,780	59,910	58,420	68,290	68,830	68,830
28	69,110	68,830	69,110	74,200	74,490	74,780	74,490	59,160	58,420	68,560	68,830	68,830
29	69,110	-----	69,390	74,490	74,490	74,780	74,490	58,670	58,420	68,560	68,830	68,830
30	69,110	-----	69,390	74,490	74,490	74,490	74,490	57,940	58,420	68,560	68,830	68,830
31	69,110	-----	69,390	-----	74,490	-----	74,490	57,210	-----	68,560	-----	68,830
MAX	69,110	69,390	69,670	74,490	75,080	75,080	75,080	74,200	58,420	68,560	69,390	69,110
MIN	68,020	68,830	68,830	69,670	74,200	74,490	74,490	57,210	54,840	58,180	68,560	68,830
YEAR 1993			MEAN	68,849	MAX	75,080	MIN	54,840				

N I O B R A R A R I V E R B A S I N

AINSWORTH CANAL from Merritt Reservoir - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	77	113	265	506			
2					0	77	93	375	469			
3					0	77	75	459	415			
4					0	77	76	519	313			
5					0	77	76	521	314			
6					0	77	75	495	270			
7					0	77	74	484	88			
8					0	77	75	495	75			
9					0	77	83	539	76			
10					0	77	90	565	76			
11					0	77	107	583	76			
12					0	77	139	580	88			
13					0	77	67	549	82			
14					0	77	61	494	68			
15					0	77	60	507	66			
16					19	76	60	493	67			
17					124	77	61	338	66			
18					99	78	61	293	65			
19					90	78	61	271	50			
20					77	78	61	263	7.2			
21					77	79	61	278	2.2			
22					77	78	60	295	0			
23					77	77	64	420	0			
24					77	77	70	528	0			
25					77	77	100	576	0			
26					77	76	141	567	0			
27					77	76	84	527	0			
28					77	77	60	474	0			
29		-----			77	77	82	482	0			
30		-----			77	89	162	499	0			
31		-----		-----	77	-----	232	506	-----		-----	
TOTAL					1,256	2,325	2,684	14,240	3,239.4			
MEAN					40.5	77.5	86.6	459	108			
MAX					124	89	232	583	506			
MIN					0	76	60	263	0			
AC-FT					2,490	4,610	5,320	28,250	6,430			
YEAR 1993	MAX	583	MIN	0	AC-FT	47,100						

NIOBRARA RIVER BASIN

MINNECHADUZA CREEK at Valentine - 1993

LOCATION.--SW1/4 Sec. 30-34-27 W., Cherry County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1947 - present

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										28	29	39
2										27	29	41
3										27	29	43
4										27	30	44
5										26	29	45
6										26	26	38
7										26	31	37
8										31	31	43
9										35	30	43
10										38	31	42
11										39	31	42
12										38	38	43
13										37	41	45
14										37	43	45
15										41	43	44
16										25	43	46
17										32	43	47
18										32	44	43
19										32	44	35
20										32	45	39
21										31	43	41
22										31	55	36
23										31	35	35
24										31	17	30
25										31	21	41
26										30	33	43
27										30	33	39
28										30	32	31
29		-----								28	33	33
30		-----								28	36	40
31		-----		-----		-----			-----	29	-----	41

TOTAL										966	1,048	1,254
MEAN										31.2	34.9	40.5
MAX										41	55	47
MIN										25	17	30
AC-FT										1,920	2,080	2,490

YEAR 1993	TOTAL	14,706.4	MEAN	40.3	MAX	166	MIN	9.1	AC-FT	29,170
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MISSOURI RIVER BASIN
(NIOBRARA TO THE PLATTE)

BOW CREEK near St. James - 1993

LOCATION.--SE1/4SW1/4 Section 24-32-2 E., Cedar County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1978 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										87	60	41e
2										81	63	42e
3										69	63	44e
4										73	67	48e
5										72	76	50e
6										76	67	55e
7										76	70	65
8										84	71	77
9										109	73	91
10										90	69	86
11										78	70	77
12										76	66	85e
13										69	132	97
14										69	127	137
15										87	108	115
16										86	100	100
17										91	107	85
18										89	110	73
19										86	110	90
20										83	97	80e
21										71	88	70e
22										70	85	60e
23										74	90	50e
24										69	50e	45e
25										73	40e	40e
26										77	35e	35e
27										71	30e	34e
28										68	33e	33e
29		-----								65	35e	32e
30		-----								51	40e	31e
31		-----		-----		-----			-----	43	-----	30e
TOTAL										2,363	2,232	1,998
MEAN										76.2	74.4	64.5
MAX										109	132	137
MIN										43	30	30
AC-FT										4,690	4,430	3,960
YEAR 1993	TOTAL	67,595	MEAN	185	MAX	392	MIN	140	AC-FT	134,100		

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River - 1993

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 United States Bureau of Reclamation

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	1,010	705	1,450	1,120			
2					0	960	733	1,450	1,150			
3					0	823	897	1,450	1,150			
4					0	550	997	1,450	1,150			
5					0	93	1,090	1,450	1,180			
6					0	0	1,190	1,410	1,170			
7					0	0	1,290	1,380	1,150			
8					0	0	1,380	1,370	1,100			
9					0	0	1,380	1,380	1,050			
10					0	0	1,440	1,380	1,050			
11					0	0	1,500	1,410	1,050			
12					0	0	1,510	1,430	1,050			
13					607	0	1,500	1,430	1,010			
14					717	0	1,510	1,430	944			
15					740	0	1,510	1,420	774			
16					910	0	1,500	1,420	473			
17					991	0	1,500	1,450	63			
18					960	0	1,500	1,480	0			
19					962	0	1,510	1,470	0			
20					1,060	0	1,500	1,220	0			
21					1,130	0	1,500	1,180	0			
22					1,170	0	1,500	1,180	0			
23					1,200	0	1,490	1,180	0			
24					1,180	0	1,500	1,170	0			
25					1,170	0	1,460	1,170	0			
26					1,110	0	1,460	1,170	0			
27					1,090	582	1,440	1,180	0			
28					1,100	604	1,400	1,160	0			
29		-----			1,100	629	1,400	1,150	0			
30		-----			1,100	705	1,400	1,150	0			
31		-----		-----	1,050	-----	1,420	1,150	-----		-----	
TOTAL					19,347	5,956	42,112	41,170	16,634			
MEAN					624	199	1,358	1,328	554			
MAX					1,200	1,010	1,510	1,480	1,180			
MIN					0	0	705	1,150	0			
AC-FT					38,370	11,810	83,530	81,660	32,990			
YEAR 1993	MAX	1,510	MIN	0	AC-FT	248,400						

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River @ Mile Post 85.3 - 1993

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 United States Bureau of Reclamation

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	412	235	608	531			
2					0	383	246	610	531			
3					0	379	260	601	519			
4					0	312	304	594	517			
5					0	287	396	594	514			
6					0	206	437	601	521			
7					0	101	487	599	512			
8					0	40	548	577	502			
9					0	0	590	568	483			
10					0	0	592	566	455			
11					0	0	612	559	453			
12					0	0	617	561	449			
13					0	0	610	570	459			
14					0	0	605	559	445			
15					0	0	608	561	414			
16					174	0	612	561	353			
17					364	0	612	561	273			
18					394	0	614	557	151			
19					381	0	617	557	80			
20					379	0	619	551	75			
21					377	0	617	525	73			
22					383	0	623	557	71			
23					387	0	619	553	70			
24					414	0	626	544	0			
25					427	0	621	540	0			
26					433	0	623	542	0			
27					423	0	623	538	0			
28					398	0	619	548	0			
29		-----			410	0	619	551	0			
30		-----			404	219	608	551	0			
31		-----		-----	412	-----	572	544	-----		-----	
TOTAL					6,160	2,339	16,991	17,508	8,451			
MEAN					199	78.0	548	565	282			
MAX					433	412	626	610	531			
MIN					0	0	235	525	0			
AC-FT					12,220	4,640	33,700	34,730	16,760			
YEAR 1993	MAX	626	MIN	0	AC-FT	102,000						

NORTH PLATTE RIVER BASIN

INTERSTATE CANAL from North Platte River - 1993

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 United States Bureau of Reclamation

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	974	1,360	1,250	1,710	1,690			
2				0	974	1,320	1,380	1,790	1,690			
3				0	974	830	1,460	1,810	1,690			
4				0	980	471	1,590	1,810	1,690			
5				0	983	0	1,630	1,800	1,690			
6				0	956	0	1,730	1,750	1,690			
7				0	965	0	1,840	1,750	1,700			
8				0	965	0	1,900	1,760	1,700			
9				0	968	0	1,940	1,750	1,690			
10				0	983	0	1,940	1,750	1,680			
11				0	1,110	0	1,950	1,760	1,630			
12				0	1,300	0	1,960	1,760	1,620			
13				0	1,340	0	1,950	1,760	1,560			
14				0	1,430	0	1,960	1,770	1,440			
15				0	1,500	0	1,900	1,760	1,400			
16				0	1,600	0	1,870	1,770	1,410			
17				0	1,620	0	1,830	1,770	1,370			
18				0	1,600	0	1,830	1,820	1,270			
19				368	1,610	0	1,850	1,830	1,220			
20				637	1,600	0	1,840	1,820	1,160			
21				892	1,600	377	1,780	1,810	1,170			
22				942	1,530	623	1,770	1,810	1,170			
23				950	1,470	615	1,770	1,810	1,130			
24				962	1,480	618	1,790	1,810	1,130			
25				968	1,470	618	1,690	1,800	1,130			
26				974	1,470	615	1,610	1,790	1,120			
27				965	1,470	707	1,560	1,730	1,140			
28				950	1,410	889	1,560	1,680	1,040			
29		-----		965	1,400	1,000	1,570	1,680	843			
30		-----		968	1,360	1,180	1,660	1,680	843			
31		-----		-----	1,350	-----	1,710	1,670	-----		-----	
TOTAL				10,541	40,442	11,223	54,070	54,770	41,706			
MEAN				351	1,305	374	1,744	1,767	1,390			
MAX				974	1,620	1,360	1,960	1,830	1,700			
MIN				0	956	0	1,250	1,670	843			
AC-FT				20,910	80,220	22,260	107,200	108,600	82,720			

YEAR 1993 MAX 1,960 MIN 0 AC-FT 422,000

NORTH PLATTE RIVER BASIN

LAKE ALICE from North Platte - 1993

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

GAGE.--Reference point

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by USBR

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

DAILY CONTENTS IN ACRE-FEET FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	151	151	149	159	4,460	5,680	6,390	5,310	5,150	4,750	2,430	2,130
2	151	151	149	159	4,810	5,720	6,590	5,260	5,020	4,910	2,400	1,500
3	151	151	151	159	5,140	5,940	6,680	5,190	4,900	5,030	2,410	1,490
4	151	151	151	159	5,420	6,020	6,790	5,100	4,820	5,140	2,390	1,480
5	151	151	151	159	5,130	6,900	6,860	5,030	4,790	5,220	2,370	1,470
6	151	151	151	159	6,050	5,480	6,840	4,960	4,790	5,000	2,350	1,460
7	151	151	151	159	6,200	4,760	6,900	4,980	4,810	4,440	2,340	1,450
8	151	151	161	159	6,290	3,930	6,900	4,910	4,740	3,820	2,330	1,440
9	151	151	161	159	7,660	3,180	6,890	4,860	4,690	3,190	2,320	1,430
10	151	151	161	159	7,730	2,490	6,880	4,780	4,650	2,630	2,310	1,420
11	151	151	161	159	7,780	1,860	6,800	4,720	4,720	2,470	2,300	1,410
12	151	151	161	159	7,840	1,710	6,670	7,330	4,750	2,480	2,350	1,410
13	151	151	161	159	7,750	1,700	6,490	7,190	4,760	2,490	2,330	1,400
14	151	151	161	159	7,520	1,690	6,340	7,080	4,770	2,490	2,320	1,390
15	151	151	161	159	7,240	1,690	6,250	6,950	4,790	2,490	2,310	1,370
16	151	151	161	159	7,030	1,690	6,250	6,820	4,770	2,490	2,300	1,380
17	151	151	161	155	6,900	1,710	6,180	6,630	4,830	2,490	2,300	1,370
18	151	151	161	151	6,850	1,720	6,100	6,440	4,950	2,520	2,280	1,350
19	151	151	161	152	6,770	1,710	6,000	6,240	5,040	2,540	2,280	1,350
20	151	151	161	149	6,740	1,710	5,940	6,070	5,020	2,530	2,260	1,340
21	151	151	161	149	5,920	1,720	5,910	5,960	4,990	2,520	2,250	1,330
22	151	151	161	388	5,240	1,710	5,930	5,840	4,900	2,520	2,230	1,310
23	151	151	161	1,040	5,290	1,690	5,970	5,790	4,860	2,500	2,220	1,310
24	151	151	161	1,550	5,290	2,250	6,060	5,740	4,840	2,490	2,220	1,300
25	151	151	159	2,020	5,340	2,950	6,180	5,690	4,750	2,490	2,210	1,280
26	151	149	159	2,490	5,420	3,650	6,710	5,630	4,720	2,480	2,190	1,280
27	151	149	159	2,930	5,480	4,320	7,050	5,580	4,660	2,480	2,180	1,270
28	151	149	159	3,350	5,550	4,980	7,450	5,530	4,590	2,470	2,170	1,260
29	151	-----	159	3,740	5,600	5,590	5,420	5,430	4,570	2,450	2,150	1,240
30	151	-----	159	4,110	5,650	6,100	5,250	5,320	4,600	2,430	2,150	1,230
31	151	-----	159	-----	5,680	-----	5,310	5,240	-----	2,430	-----	1,230
MAX	151	151	161	4,110	7,840	6,900	7,450	7,330	5,150	5,220	2,430	2,130
MIN	151	149	149	149	4,460	1,690	5,250	4,720	4,570	2,430	2,150	1,230
YEAR 1993			MEAN	2,906	MAX	7,840	MIN	149				

NORTH PLATTE RIVER BASIN

LITTLE LAKE ALICE from North Platte - 1993

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

GAGE.--Slope gage

PERIOD OF RECORD.--1992 - present

REMARKS.-- Values furnished by U. S. Bureau of Reclamation. Record for years before 1992 may be available from the Bureau.

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	123	92	60	53	385	419	409	391	345	424	105	97
2	123	92	60	52	392	424	404	391	345	429	104	97
3	122	90	60	49	397	422	405	388	346	430	106	97
4	120	87	61	47	403	415	408	385	352	425	102	97
5	120	86	61	45	405	414	408	378	362	427	104	96
6	119	83	64	46	406	412	409	369	372	426	103	96
7	118	81	76	44	409	393	355	376	381	416	103	96
8	118	80	77	43	409	368	357	378	390	396	102	96
9	118	79	78	41	411	346	355	373	394	368	102	95
10	117	79	76	38	412	319	358	371	381	341	102	95
11	116	78	74	37	416	292	344	375	375	138	101	95
12	114	76	71	37	420	283	336	374	378	109	107	96
13	113	74	68	38	417	287	318	373	333	116	105	93
14	112	72	68	37	414	290	302	373	367	118	103	93
15	111	69	69	36	411	294	306	374	388	118	102	93
16	110	68	71	34	408	302	352	372	396	117	101	95
17	109	66	70	33	402	305	380	369	398	116	101	95
18	108	65	68	32	399	309	386	353	405	118	101	94
19	106	65	66	30	396	310	396	330	404	118	99	94
20	106	64	70	29	393	313	397	321	419	114	99	93
21	105	63	72	26	394	315	397	327	425	113	99	93
22	105	62	72	41	396	316	402	328	424	112	99	93
23	102	62	71	149	396	319	415	335	424	111	98	93
24	102	61	71	221	398	317	393	341	422	110	97	93
25	100	61	69	259	399	316	387	341	420	108	98	93
26	99	60	66	286	404	316	394	339	420	108	98	93
27	99	59	63	308	406	316	381	339	422	108	98	93
28	97	59	65	333	410	315	380	339	422	108	98	93
29	95	-----	62	352	414	326	385	341	421	106	98	93
30	94	-----	60	378	414	384	391	337	421	106	98	92
31	93	-----	56	-----	415	-----	394	342	-----	106	-----	92
MAX	123	92	78	378	420	424	415	391	425	430	107	97
MIN	93	59	56	26	385	283	302	321	333	106	97	92
YEAR 1993			MEAN	220	MAX	430	MIN	26				

NORTH PLATTE RIVER BASIN

LAKE MINATARE from North Platte - 1993

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

GAGE.--Staff gage

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by USBR

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4125.0	60,770
Top of dead storage pool	4075.0	300

DAILY CONTENTS IN ACRE-FEET FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14,302	14,142	14,131	14,763	19,289	38,141	46,692	35,061	20,066	32,940	40,649	40,227
2	14,256	14,176	14,097	14,775	19,931	39,260	47,243	34,592	19,649	33,969	40,557	40,227
3	14,291	14,165	14,097	14,787	20,652	40,483	47,678	34,038	19,250	34,713	40,538	40,208
4	14,291	14,154	14,108	14,763	21,371	41,369	48,096	33,522	18,867	35,726	40,538	40,227
5	14,336	14,165	14,097	14,752	22,145	42,113	48,415	33,077	18,592	36,625	40,538	40,227
6	14,302	14,142	14,074	14,857	22,977	43,090	48,715	32,566	18,177	37,514	40,428	40,208
7	14,359	14,142	14,097	14,810	23,987	43,754	48,615	32,211	18,036	38,338	40,410	40,153
8	14,336	14,142	14,097	14,752	24,853	44,346	48,355	31,723	17,703	38,826	40,355	40,153
9	14,359	14,131	14,142	14,752	25,674	45,057	47,857	31,322	17,729	39,733	40,337	40,117
10	14,359	14,222	14,097	14,728	26,571	45,599	47,362	30,922	17,741	40,190	40,373	40,099
11	14,325	14,176	14,142	14,717	27,419	46,203	46,731	30,409	17,792	40,722	40,337	40,062
12	14,371	14,211	14,142	14,740	28,247	46,496	46,125	29,932	17,856	41,294	40,649	40,153
13	14,325	14,165	14,120	14,833	28,972	46,379	45,483	29,377	18,100	41,294	40,630	40,080
14	14,325	14,211	14,097	14,775	29,540	46,398	44,807	28,875	18,788	40,943	40,612	40,062
15	14,256	14,233	14,074	14,752	30,113	46,203	44,097	28,408	19,529	40,888	40,465	40,190
16	14,245	14,222	14,154	14,740	30,706	46,359	43,450	27,864	20,283	40,870	40,465	40,208
17	14,256	14,233	14,211	14,717	31,238	46,320	42,694	27,388	21,204	40,851	40,465	40,208
18	14,256	14,188	14,154	14,740	31,790	46,281	41,982	26,868	22,017	40,870	40,502	40,062
19	14,268	14,188	14,165	14,752	32,245	46,125	41,239	26,384	22,702	40,943	40,520	40,135
20	14,233	14,199	14,165	14,717	32,702	46,086	40,612	25,827	23,472	40,906	40,410	40,099
21	14,211	14,199	14,176	14,647	33,196	46,203	39,898	25,368	24,313	40,796	40,373	40,062
22	14,199	14,176	14,142	14,624	33,608	46,105	39,442	24,763	25,080	40,778	40,465	40,099
23	14,199	14,142	14,142	14,717	34,072	46,300	39,025	24,209	25,873	40,796	40,447	40,062
24	14,211	14,176	14,717	15,079	34,384	46,183	38,483	23,721	26,696	40,778	40,428	40,044
25	14,176	14,211	14,728	15,518	35,061	46,105	38,302	23,296	27,515	40,833	40,392	39,971
26	14,176	14,142	14,717	16,084	35,533	46,047	37,693	22,760	28,392	40,759	40,373	39,952
27	14,165	14,154	14,740	16,698	36,077	46,008	37,246	22,302	29,150	40,722	40,318	39,989
28	14,199	14,142	14,833	17,273	36,660	45,852	36,962	21,749	29,916	40,778	40,245	39,952
29	14,188	-----	14,810	17,946	37,104	46,105	36,607	21,357	31,338	40,741	40,208	39,952
30	14,154	-----	14,822	18,684	37,639	46,320	36,077	20,872	32,262	40,594	40,263	39,934
31	14,154	-----	14,822	-----	38,159	-----	35,621	20,474	-----	40,557	-----	39,916
MAX	14,371	14,233	14,833	18,684	38,159	46,496	48,715	35,061	32,262	41,294	40,649	40,227
MIN	14,154	14,131	14,074	14,624	19,289	38,141	35,621	20,474	17,703	32,940	40,208	39,916

YEAR 1993

MEAN 28,908 MAX 48,715 MIN 14,074

NORTH PLATTE RIVER BASIN

WINTERS CREEK LAKE from North Platte - 1993

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

GAGE.--Reference point

PERIOD OF RECORD.--1992 - present

REMARKS.--Values furnished by U. S. Bureau of Reclamation. Record for years before 1992 may be available from the Bureau.

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

DAILY CONTENTS IN ACRE-FEET FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	588	587	587	587	688	1,130	1,160	979	973	1,230	1,340	1,310
2	588	587	587	587	756	1,140	1,160	973	970	1,240	1,340	1,310
3	588	587	587	587	822	1,170	1,150	970	966	1,240	1,330	1,310
4	587	587	587	587	935	1,170	1,110	968	979	1,250	1,330	1,300
5	587	587	587	587	966	1,180	1,100	964	979	1,260	1,330	1,300
6	587	587	587	587	1,040	1,200	1,100	966	984	1,260	1,320	1,300
7	587	587	587	587	1,120	1,220	1,090	984	988	1,280	1,320	1,300
8	587	587	587	587	1,190	1,230	1,080	961	995	1,290	1,320	1,290
9	587	587	587	587	1,260	1,230	1,080	955	1,000	1,290	1,320	1,290
10	587	587	587	587	1,330	1,240	1,060	955	1,010	1,300	1,320	1,290
11	587	587	587	587	1,240	1,240	1,050	966	1,020	1,310	1,320	1,290
12	587	587	587	587	1,240	1,240	1,040	961	1,030	1,310	1,340	1,290
13	587	587	587	587	1,210	1,240	1,040	943	1,040	1,320	1,340	1,280
14	587	587	587	587	1,200	1,240	1,030	948	1,050	1,330	1,340	1,280
15	587	587	587	587	1,210	1,230	1,020	950	1,060	1,330	1,340	1,280
16	587	587	587	587	1,190	1,230	1,020	941	1,070	1,340	1,340	1,280
17	587	587	587	587	1,180	1,230	991	939	1,090	1,340	1,340	1,290
18	587	587	587	587	1,170	1,230	975	937	1,100	1,350	1,340	1,280
19	587	587	587	587	1,160	1,220	964	937	1,120	1,350	1,340	1,280
20	587	587	587	587	1,150	1,210	952	955	1,130	1,360	1,340	1,270
21	587	587	587	286	1,130	1,220	941	966	1,150	1,350	1,330	1,270
22	587	587	587	286	1,130	1,210	948	961	1,160	1,360	1,340	1,270
23	587	587	587	286	1,120	1,230	970	968	1,160	1,360	1,340	1,270
24	587	587	587	286	1,120	1,210	961	973	1,170	1,360	1,340	1,260
25	587	587	587	286	1,110	1,190	966	982	1,180	1,350	1,330	1,250
26	587	587	587	430	1,100	1,180	984	973	1,190	1,350	1,330	1,250
27	587	587	587	459	1,100	1,180	986	982	1,200	1,340	1,320	1,250
28	587	587	587	515	1,110	1,170	977	968	1,210	1,340	1,320	1,240
29	587	-----	587	566	1,100	1,170	997	986	1,210	1,340	1,310	1,240
30	587	-----	587	632	1,110	1,170	977	984	1,220	1,340	1,310	1,240
31	587	-----	587	-----	1,110	-----	977	977	-----	1,340	-----	1,230
MAX	588	587	587	632	1,330	1,240	1,160	986	1,220	1,360	1,340	1,310
MIN	587	587	587	286	688	1,130	941	937	966	1,230	1,310	1,230
YEAR 1993			MEAN	969	MAX	1,360	MIN	286				

NORTH PLATTE RIVER BASIN

MITCHELL & GERING CANAL from North Platte River - 1993

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.--Total headgate diversions for Mitchell and Gering District lands. Published values prior to 1985 were minus deliveries to Gering Canal and carriage losses.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	216	86	297	250			
2					0	206	88	300	267			
3					0	192	86	302	278			
4					0	58	164	300	290			
5					0	0	197	295	288			
6					0	0	218	290	288			
7					0	0	273	285	288			
8					0	0	297	283	288			
9					0	0	300	283	255			
10					0	0	300	285	236			
11					0	0	299	293	241			
12					0	0	316	293	239			
13					0	0	325	293	236			
14					0	0	323	293	212			
15					0	0	312	293	200			
16					0	0	307	293	198			
17					0	0	309	292	198			
18					40	0	312	299	198			
19					177	0	312	302	125			
20					174	0	312	192	102			
21					191	26	314	181	101			
22					202	63	311	209	41			
23					203	83	311	221	24			
24					203	83	302	221	0			
25					204	84	295	250	0			
26					204	84	295	275	0			
27					212	84	293	254	0			
28					217	85	293	247	0			
29		-----			219	86	297	250	0			
30		-----			221	87	297	247	0			
31		-----		-----	219	-----	297	247	-----		-----	
TOTAL					2,686	1,437	8,441	8,365	4,843			
MEAN					86.6	47.9	272	270	161			
MAX					221	216	325	302	290			
MIN					0	0	86	181	0			
AC-FT					5,330	2,850	16,740	16,590	9,610			
YEAR 1993	MAX	325	MIN	0	AC-FT	51,120						

NORTH PLATTE RIVER BASIN

GERING CANAL from North Platte River via Mitchell and Gering Canal - 1993

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.
Published values before 1985 were adjusted for carriage losses.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	121	70	178	171			
2					0	121	72	197	166			
3					0	126	72	179	175			
4					0	28	82	171	174			
5					0	0	120	172	175			
6					0	0	126	171	174			
7					0	13	153	172	182			
8					0	0	159	177	182			
9					0	0	174	174	148			
10					0	0	177	174	153			
11					0	0	170	182	135			
12					0	0	170	175	128			
13					0	0	172	181	138			
14					0	0	170	171	143			
15					0	0	163	168	118			
16					0	0	172	172	119			
17					0	0	172	172	136			
18					0	0	167	174	142			
19					20	0	164	177	106			
20					78	0	174	148	0			
21					80	0	179	148	0			
22					81	13	181	167	0			
23					77	67	203	181	0			
24					84	67	204	172	0			
25					104	68	174	168	0			
26					104	67	194	181	0			
27					108	69	168	175	0			
28					113	72	168	163	0			
29		-----			107	72	178	163	0			
30		-----			119	72	181	160	0			
31		-----		-----	118	-----	182	159	-----		-----	
TOTAL					1,193	976	4,911	5,322	2,865			
MEAN					38.5	32.5	158	172	95.5			
MAX					119	126	204	197	182			
MIN					0	0	70	148	0			
AC-FT					2,370	1,940	9,740	10,560	5,680			
YEAR 1993	MAX	204	MIN	0	AC-FT	30,280						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from North Platte River - 1993

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. Published values before 1985 were minus Northport Canal uses.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1992

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	786	762	1,130	772			
2					0	697	875	1,130	776			
3					0	612	1,060	1,120	779			
4					0	386	1,230	1,090	778			
5					0	188	1,310	1,080	781			
6					0	186	1,340	1,090	784			
7					0	250	1,350	1,050	763			
8					0	250	1,330	1,020	755			
9					0	248	1,320	996	728			
10					0	236	1,320	996	672			
11					46	233	1,330	1,000	646			
12					198	227	1,310	1,000	627			
13					185	225	1,310	995	617			
14					205	219	1,290	981	515			
15					218	220	1,260	988	420			
16					226	267	1,260	992	419			
17					306	306	1,240	985	413			
18					374	306	1,230	999	411			
19					520	294	1,230	1,010	405			
20					593	298	1,210	962	360			
21					583	296	1,170	996	274			
22					577	287	1,180	931	108			
23					555	292	1,200	930	0			
24					602	297	1,210	930	0			
25					601	296	1,190	932	0			
26					616	280	1,150	934	0			
27					624	264	1,100	931	0			
28					641	256	1,070	913	0			
29		-----			724	255	1,010	881	0			
30		-----			771	461	1,030	863	0			
31		-----		-----	791	-----	1,100	795	-----		-----	
TOTAL					9,956	9,418	36,977	30,650	12,803			
MEAN					321	314	1,193	989	427			
MAX					791	786	1,350	1,130	784			
MIN					0	186	762	795	0			
AC-FT					19,750	18,680	73,340	60,790	25,390			
YEAR 1993	MAX	1,350	MIN	0	AC-FT	198,000						

TRI-STATE CANAL from Sheep Creek - 1993

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Sheep Creek - 1993

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 United States Bureau of Reclamation. Data before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	42	46	69	84			
2					0	44	44	70	85			
3					0	51	42	72	85			
4					0	51	42	73	87			
5					0	50	42	76	87			
6					0	51	45	80	88			
7					0	68	48	78	88			
8					0	55	49	78	90			
9					0	56	49	77	87			
10					0	56	48	75	86			
11					0	55	46	77	87			
12					0	55	47	77	87			
13					42	54	44	80	89			
14					42	54	45	79	87			
15					43	53	48	79	87			
16					42	52	47	81	86			
17					42	57	38	78	66			
18					39	62	49	77	0			
19					40	57	42	78	0			
20					39	54	49	85	0			
21					37	52	51	84	0			
22					39	51	51	81	0			
23					38	51	54	82	0			
24					38	51	66	80	0			
25					39	50	71	81	0			
26					38	48	75	85	0			
27					40	44	75	85	0			
28					40	45	73	86	0			
29		-----			42	44	72	85	0			
30		-----			41	44	70	83	0			
31		-----		-----	42	-----	69	83	-----		-----	
TOTAL					763	1,557	1,637	2,454	1,456			
MEAN					24.6	51.9	52.8	79.2	48.5			
MAX					43	68	75	86	90			
MIN					0	42	38	69	0			
AC-FT					1,510	3,090	3,250	4,870	2,890			
YEAR 1993	MAX	90	MIN	0	AC-FT	15,600						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Akers Draw - 1993

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the United States Bureau of Reclamation. Data before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					6.0	9.0	8.0	9.0	10			
2					6.0	9.0	8.0	9.0	9.0			
3					6.0	11	8.0	9.0	9.0			
4					6.0	9.0	8.0	8.0	9.0			
5					6.0	9.0	8.0	6.0	10			
6					7.0	13	7.0	14	10			
7					7.0	20	11	15	9.0			
8					7.0	9.0	9.0	17	9.0			
9					7.0	8.0	9.0	20	9.0			
10					7.0	8.0	8.0	9.0	9.0			
11					6.0	8.0	9.0	10	9.0			
12					7.0	8.0	9.0	11	9.0			
13					8.0	8.0	9.0	11	9.0			
14					9.0	8.0	10	9.0	9.0			
15					9.0	8.0	9.0	9.0	9.0			
16					9.0	8.0	9.0	11	10			
17					9.0	8.0	7.0	10	10			
18					9.0	8.0	6.0	12	10			
19					9.0	8.0	11	12	9.0			
20					9.0	8.0	7.0	17	9.0			
21					9.0	7.0	7.0	15	9.0			
22					9.0	7.0	11	12	9.0			
23					9.0	7.0	13	10	10			
24					8.0	7.0	15	10	10			
25					8.0	8.0	17	11	10			
26					8.0	8.0	9.0	12	11			
27					10	8.0	12	14	11			
28					14	8.0	17	13	11			
29		-----			8.0	7.0	10	11	12			
30		-----			8.0	7.0	7.0	10	12			
31		-----		-----	8.0	-----	10	11	-----		-----	
TOTAL					248.0	259.0	298.0	357.0	291.0			
MEAN					8.00	8.63	9.61	11.5	9.70			
MAX					14	20	17	20	12			
MIN					6.0	7.0	6.0	6.0	9.0			
AC-FT					492	514	591	708	577			
YEAR 1993	MAX	20	MIN	6.0	AC-FT	2,880						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Dry Spottedtail Creek - 1993

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 United States Bureau of Reclamation. Data before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					4.0	10	22	17	20			
2					4.0	10	20	19	20			
3					0	19	19	20	21			
4					0	13	18	22	21			
5					0	11	17	22	22			
6					0	14	12	21	23			
7					0	34	9.0	24	24			
8					0	11	24	22	23			
9					0	23	27	19	22			
10					0	25	26	19	22			
11					0	27	24	23	22			
12					3.0	22	10	22	22			
13					7.0	19	10	23	24			
14					4.0	20	8.0	22	23			
15					5.0	15	12	23	24			
16					5.0	11	15	22	7.0			
17					5.0	9.0	16	21	0			
18					6.0	8.0	15	21	0			
19					6.0	10	17	22	0			
20					6.0	11	18	24	0			
21					6.0	12	19	23	0			
22					9.0	10	18	23	0			
23					8.0	11	19	21	0			
24					8.0	11	24	22	0			
25					7.0	13	18	22	0			
26					11	12	21	23	0			
27					10	12	17	24	0			
28					11	13	16	22	0			
29		-----			9.0	14	17	22	0			
30		-----			11	17	17	21	0			
31		-----		-----	9.0	-----	17	20	-----		-----	
TOTAL					154.0	447.0	542.0	671	340.0			
MEAN					4.97	14.9	17.5	21.6	11.3			
MAX					11	34	27	24	24			
MIN					0	8.0	8.0	17	0			
AC-FT					305	887	1,080	1,330	674			
YEAR 1993	MAX	34	MIN	0	AC-FT	4,270						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Wet Spottedtail Creek - 1993

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 United States Bureau of Reclamation. Data before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					5.0	7.0	9.0	11	13			
2					5.0	6.0	9.0	12	13			
3					5.0	23	10	15	14			
4					6.0	8.0	9.0	14	13			
5					5.0	11	10	15	16			
6					5.0	11	10	17	15			
7					4.0	51	10	19	19			
8					4.0	12	12	15	20			
9					4.0	11	9.0	13	18			
10					4.0	11	9.0	13	15			
11					5.0	11	8.0	15	12			
12					5.0	12	8.0	20	12			
13					6.0	11	11	17	24			
14					6.0	10	11	13	22			
15					6.0	10	9.0	14	12			
16					6.0	11	11	16	12			
17					6.0	15	9.0	15	18			
18					7.0	19	9.0	14	21			
19					7.0	13	9.0	16	27			
20					7.0	12	9.0	20	14			
21					7.0	12	8.0	17	13			
22					7.0	14	10	17	12			
23					7.0	12	10	13	12			
24					7.0	12	29	15	13			
25					7.0	10	15	14	14			
26					8.0	10	15	19	14			
27					6.0	9.0	12	20	21			
28					6.0	9.0	9.0	17	14			
29		-----			7.0	10	9.0	15	14			
30		-----			6.0	9.0	9.0	14	12			
31		-----		-----	8.0	-----	9.0	14	-----		-----	
TOTAL					184.0	382.0	326.0	479	469			
MEAN					5.94	12.7	10.5	15.5	15.6			
MAX					8.0	51	29	20	27			
MIN					4.0	6.0	8.0	11	12			
AC-FT					365	758	647	950	930			
YEAR 1993	MAX	51	MIN	4.0	AC-FT	3,650						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Tub Springs - 1993

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 United States Bureau of Reclamation. Data before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	16	12	17	42			
2					0	17	14	37	42			
3					0	23	16	41	42			
4					0	16	17	38	42			
5					0	16	19	35	42			
6					0	18	20	37	42			
7					0	23	20	41	42			
8					0	17	21	41	44			
9					0	16	23	42	44			
10					0	15	23	44	45			
11					0	14	25	45	45			
12					0	13	27	47	47			
13					21	12	28	47	54			
14					9.0	12	29	46	49			
15					10	11	30	47	45			
16					10	11	30	46	45			
17					10	13	32	45	46			
18					11	12	31	44	49			
19					11	11	31	43	13			
20					12	11	31	44	0			
21					12	14	30	46	0			
22					12	12	29	48	0			
23					12	11	38	46	0			
24					12	11	47	43	0			
25					13	10	36	42	0			
26					13	10	37	42	0			
27					12	10	21	43	3.0			
28					12	10	20	42	3.0			
29		-----			13	12	18	42	3.0			
30		-----			13	12	18	44	0			
31		-----		-----	14	-----	22	43	-----		-----	
TOTAL					232.0	409	795	1,308	829.0			
MEAN					7.48	13.6	25.6	42.2	27.6			
MAX					21	23	47	48	54			
MIN					0	10	12	17	0			
AC-FT					460	811	1,580	2,590	1,640			
YEAR 1993	MAX	54	MIN	0	AC-FT	7,090						

NORTH PLATTE RIVER BASIN

NORTHPORT CANAL from North Platte River via Tri-State Canal - 1993

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 United States Bureau of Reclamation. Published values before 1985 were adjusted by Tri-State Canal losses and contributions from drains.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	119	103	261	230			
2					0	116	175	263	219			
3					0	112	215	262	204			
4					0	113	244	263	207			
5					0	135	253	263	210			
6					0	111	251	262	210			
7					0	106	255	263	208			
8					0	116	253	262	207			
9					0	112	255	262	208			
10					0	113	252	262	210			
11					0	116	253	256	208			
12					0	111	258	259	179			
13					0	104	261	262	178			
14					0	102	263	263	159			
15					0	98	265	261	129			
16					0	100	263	261	119			
17					0	101	265	259	99			
18					0	112	265	256	95			
19					0	117	265	259	99			
20					0	116	265	258	92			
21					74	114	261	259	76			
22					112	115	263	262	40			
23					110	108	259	265	10			
24					107	115	263	263	3.0			
25					110	117	261	261	2.0			
26					115	115	263	263	2.0			
27					105	117	262	266	0			
28					112	119	262	263	0			
29		-----			111	95	261	261	0			
30		-----			117	85	261	256	0			
31		-----		-----	118	-----	263	253	-----		-----	
TOTAL					1,191	3,330	7,758	8,089	3,603.0			
MEAN					38.4	111	250	261	120			
MAX					118	135	265	266	230			
MIN					0	85	103	253	0			
AC-FT					2,360	6,610	15,390	16,040	7,150			
YEAR 1993	MAX	266	MIN	0	AC-FT	47,550						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER passing Tri-State Dam - 1993

LOCATION.--NW1/4NE1/4 Sec. 10-23-58 W. near Henry

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1947 - 1964, 1967 - present

REMARKS.--e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	240e	214	181	194	166	68	5.1	65	29	767	281	271
2	230e	215	181	189	162	45 e	5.2	188	18	690	266	271
3	220e	220	185	188	188	275 e	6.0	147	23	646	259	283
4	215e	212	186	187	209	475 e	5.9	120	32	568	249	286
5	210e	201	172	184	223	775 e	28	140	29	531	233	279
6	200e	195	216	208	242	740 e	53	167	97	607	227	332
7	210	199	448	213	252	600 e	65	98	130	531	231	344
8	210e	199	664	204	258	369	100	90	92	539	228	323
9	200e	199	574	204	263	251	71	67	83	535	251	322
10	200e	200	359	200	288	273	62	74	75	524	276	302
11	205e	200	272	198	216	249	84	72	29	505	280	280
12	205e	195	250	191	35	237	102	90	6.3	476	303	271
13	200e	194	242	229	36	212	140	137	8.9	447	303	266
14	200e	196	249	225	25	211	166	54	137	429	325	251
15	200e	186	247	205	20	202	155	33	113	428	308	245e
16	205e	176	242	197	18	132	145	75	46	438	290	240e
17	210e	175e	222	202	20	176	112	53	36	462	270	245e
18	210e	160e	212	199	21	273	59	70	17	484	272	248
19	211	190e	218	193	23	219	48	80	48	475	270	247
20	203	206	226	190	75	172	134	3,090	51	455	278	255
21	210	198	222	196	58	82	167	1,970	196	427	287	245
22	220	195e	208	191	33	44	276	1,320	551	437	287	235
23	206	190e	196	192	22	22	187	561	788	447	279	236
24	206	194	198	187	18	17	229	308	795	419	250	263
25	203	186	201	188	17	8.3	201	146	751	381	235e	251
26	200	175e	199	186	16	7.5	265	92	735	361	240e	261
27	210	170e	193	182	12	7.0	178	100	803	330	270e	258
28	211	180e	190	174	8.0	5.9	19	60	851	319	278	245
29	204	-----	187	175	38	4.9	12	56	893	301	278	259
30	215	-----	180	173	21	5.3	11	85	893	293	276	256
31	215	-----	189	-----	26	-----	22	105	-----	284	-----	254
TOTAL	6,484	5,420	7,709	5,844	3,009.0	6,157.9	3,113.2	9,713	8,356.2	14,536	8,080	8,324
MEAN	209	194	249	195	97.1	205	100	313	279	469	269	269
MAX	240	220	664	229	288	775	276	3,090	893	767	325	344
MIN	200	160	172	173	8.0	4.9	5.1	33	6.3	284	227	235
AC-FT	12,860	10,750	15,290	11,590	5,970	12,210	6,180	19,270	16,570	28,830	16,030	16,510
YEAR 1993	MAX	3,090	MIN	4.9	AC-FT	172,100						

NORTH PLATTE RIVER BASIN

SHEEP CREEK near Morrill - 1993

LOCATION.--NW1/4SW1/4 Sec. 16-23-57 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1931 to present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated dischargeEXTREMES FOR CURRENT YEAR.--Peak discharge 145 cubic feet per second on March 8, at gage height 2.84 ft.
Minimum daily discharge 1.7 cubic feet per second on May 15.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	58e	59	58e	54	55	3.1	5.5	2.9	2.8	95	86	82
2	58e	61	58e	54	55	3.2	5.7	3.0	2.7	97	85	83
3	58e	60	58e	54	55	3.4	5.9	3.0	2.8	96	87	83
4	58e	60	58e	54	55	3.3	6.0	3.1	2.9	96	86	81
5	58	59	58e	55	55	3.2	5.9	3.1	2.9	94	85	81
6	60	59	72e	59	57	3.2	6.0	3.0	3.1	94	85	81
7	60	59	100e	57	56	2.8	5.9	3.2	3.3	95	86	80
8	60	59	102e	56	56	2.4	5.9	3.1	3.0	99	86	80
9	60e	59	78e	55	55	2.3	5.9	3.0	2.7	100	86	81
10	60e	62	70e	54	54	2.5	5.8	2.9	2.5	99	86	81
11	60e	62e	70e	54	51	2.5	5.7	3.0	2.6	98	86	82
12	60e	60e	68e	54	19	2.6	5.8	3.2	2.5	95	91	83
13	60e	60e	66e	59	2.0	2.8	5.7	3.3	2.6	94	89	83
14	60e	60e	66e	57	1.9	2.6	5.8	3.2	2.5	95	88	81
15	60e	60e	66	56	1.7	2.7	5.7	3.3	2.5	94	88	82
16	60e	60e	65	56	2.3	2.8	5.2	3.3	2.7	93	87	83
17	62e	60e	66	56	3.4	3.0	12	3.2	25	93	86	82
18	62e	60e	64	56	3.3	3.1	5.9	3.1	82	97	87	82
19	62e	58e	60	56	3.1	2.9	10	3.0	107	96	86	82
20	63	58e	60	56	3.3	2.9	6.7	5.4	103	94	86	81
21	60	58e	60	56	3.1	3.0	3.6	3.5	100	93	86	81
22	59	58e	59	56	2.7	3.4	3.4	3.2	99	92	86	80
23	58	58e	58	55	3.2	3.5	3.6	3.0	98	90	85	79
24	58	58e	58	53	4.0	3.2	3.4	2.9	96	90	83	79
25	59	58e	57	53	3.9	4.1	3.1	2.8	96	88	82	79
26	59	58e	56	53	3.9	7.2	3.3	3.1	95	89	82	79
27	60	58e	54	53	3.8	6.4	2.9	3.1	95	89	82	78
28	60	58e	54	53	3.8	6.1	2.9	3.1	95	90	83	78
29	59	-----	54	54	3.8	5.6	2.8	3.1	95	88	84	77
30	59	-----	55	54	3.7	5.5	2.9	3.0	95	88	83	77
31	59	-----	54	-----	3.2	-----	2.9	2.9	-----	87	-----	77
TOTAL	1,849	1,659	1,982	1,652	683.1	105.3	161.8	98.0	1,325.1	2,898	2,568	2,498
MEAN	59.6	59.3	63.9	55.1	22.0	3.51	5.22	3.16	44.2	93.5	85.6	80.6
MAX	63	62	102	59	57	7.2	12	5.4	107	100	91	83
MIN	58	58	54	53	1.7	2.3	2.8	2.8	2.5	87	82	77
AC-FT	3,670	3,290	3,930	3,280	1,350	209	321	194	2,630	5,750	5,090	4,950
YEAR 1993	TOTAL	17,479.3	MEAN	47.9	MAX	107	MIN	1.7	AC-FT	34,670		

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	64	65	81	62			
2					7.3	73	78	86	71			
3					31	69	87	89	79			
4					57	63	79	89	82			
5					58	61	82	89	83			
6					53	58	103	93	84			
7					61	54	98	94	87			
8					63	52	102	91	88			
9					63	53	100	88	88			
10					65	48	98	83	87			
11					65	44	94	84	85			
12					54	43	124	85	81			
13					52	42	118	88	79			
14					54	44	119	90	74			
15					52	44	114	86	68			
16					55	45	112	86	65			
17					74	58	109	87	54			
18					81	47	103	94	54			
19					81	46	102	104	55			
20					77	42	103	112	44			
21					77	45	110	91	45			
22					77	46	115	80	52			
23					75	46	114	72	56			
24					75	43	107	82	56			
25					75	43	89	81	57			
26					76	43	81	73	59			
27					77	43	80	72	60			
28					74	52	77	67	56			
29		-----			74	57	77	66	50			
30		-----			73	58	78	63	33			
31		-----		-----	66	-----	80	63	-----		-----	
TOTAL					1,922.3	1,526	2,998	2,609	1,994			
MEAN					62.0	50.9	96.7	84.2	66.5			
MAX					81	73	124	112	88			
MIN					0	42	65	63	33			
AC-FT					3,810	3,030	5,950	5,170	3,960			
YEAR 1993	MAX	124	MIN	0	AC-FT	21,920						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Morrill Drain - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	6.8	.47	5.3	4.7			
2					0	7.4	.63	5.3	4.7			
3					0	7.9	.78	5.2	4.8			
4					0	7.6	.94	5.2	4.9			
5					0	7.2	1.1	5.2	5.0			
6					0	6.8	1.3	5.1	5.0			
7					0	6.4	1.4	5.1	5.1			
8					0	6.0	1.6	5.1	5.2			
9					0	5.7	1.7	5.0	5.2			
10					0	5.3	1.9	5.0	5.2			
11					0	4.9	2.0	5.0	5.2			
12					0	4.5	2.2	4.9	5.1			
13					0	4.2	2.3	4.9	5.1			
14					0	3.8	2.5	4.8	5.1			
15					0	3.4	2.7	4.8	5.1			
16					0	3.0	2.9	4.7	5.0			
17					0	2.7	3.1	4.7	5.0			
18					0	2.5	3.3	4.6	5.0			
19					0	2.3	3.5	4.6	4.9			
20					0	2.2	3.7	4.5	4.9			
21					.57	2.0	3.9	4.5	4.9			
22					1.1	1.9	4.2	4.4	4.5			
23					1.7	1.7	4.4	4.4	4.1			
24					2.3	1.6	4.6	4.4	3.8			
25					2.8	1.4	4.8	4.3	3.4			
26					3.4	1.3	5.0	4.3	3.0			
27					4.0	1.1	5.2	4.3	2.6			
28					4.5	.93	5.4	4.4	2.6			
29		-----			5.1	.78	5.4	4.5	2.6			
30		-----			5.7	.62	5.4	4.5	2.6			
31		-----		-----	6.2	-----	5.3	4.6	-----		-----	
TOTAL					37.37	113.93	93.62	147.6	134.3			
MEAN					1.21	3.80	3.02	4.76	4.48			
MAX					6.2	7.9	5.4	5.3	5.2			
MIN					0	.62	.47	4.3	2.6			
AC-FT					74	226	186	293	266			
YEAR 1993	MAX	7.9	MIN	0	AC-FT	1,040						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Dry Spottedtail Creek - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	3.0	0	5.4	4.5			
2					0	2.0	0	6.7	4.1			
3					0	.99	0	8.0	3.5			
4					0	0	0	9.4	2.9			
5					0	0	0	11	2.3			
6					0	0	0	11	1.8			
7					0	0	0	11	1.2			
8					0	0	0	10	.58			
9					0	0	0	10	0			
10					0	0	0	10	0			
11					0	0	0	10	0			
12					0	0	0	10	0			
13					0	0	0	9.9	0			
14					0	0	2.0	9.8	0			
15					0	0	7.3	9.7	0			
16					0	0	6.8	9.6	0			
17					0	0	6.2	9.4	0			
18					0	0	5.6	9.3	0			
19					0	0	5.1	9.2	0			
20					9.1	0	4.5	8.9	0			
21					8.7	0	4.0	8.6	0			
22					8.4	0	3.4	8.3	0			
23					8.1	0	2.8	8.0	0			
24					7.7	0	2.3	7.6	0			
25					7.8	0	1.7	7.3	0			
26					7.8	0	1.1	7.0	0			
27					7.9	0	.56	6.6	0			
28					6.9	0	0	6.2	0			
29		-----			5.9	0	1.3	5.8	0			
30		-----			4.9	0	2.7	5.3	0			
31		-----		-----	4.0	-----	4.0	4.9	-----		-----	
TOTAL					87.2	5.99	61.36	263.9	20.88			
MEAN					2.81	.20	1.98	8.51	.70			
MAX					9.1	3.0	7.3	11	4.5			
MIN					0	0	0	4.9	0			
AC-FT					173	12	122	523	41			
YEAR 1993	MAX	11	MIN	0	AC-FT	871						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Tub Springs - 1993

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

GAGE.--Staff gage

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

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	0	0	0			
16					0	0	0	0	0			
17					0	0	0	0	0			
18					0	0	0	0	0			
19					0	0	0	0	0			
20					0	0	0	0	0			
21					0	0	0	0	0			
22					0	0	0	0	0			
23					0	0	0	0	0			
24					0	0	0	0	0			
25					0	0	0	0	0			
26					0	0	0	0	0			
27					0	0	0	0	0			
28					0	0	0	0	0			
29		-----			0	0	0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	0	-----		-----
TOTAL					0	0	0	0	0			
MEAN					0	0	0	0	0			
MAX					0	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					0	0	0	0	0			
YEAR 1993	MAX	0	MIN	0	AC-FT	0						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Winters Creek - 1993

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

GAGE.--Staff gage

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					1.4	1.4	1.0	1.2	0			
2					1.4	1.4	.90	1.2	0			
3					1.4	1.4	.80	1.2	0			
4					1.4	1.5	.70	1.2	0			
5					1.4	1.5	.60	1.2	0			
6					1.4	1.5	.50	1.2	0			
7					1.3	1.5	.39	1.1	0			
8					1.3	1.6	.46	1.1	0			
9					1.3	1.6	.53	1.1	0			
10					1.3	1.7	.59	1.1	0			
11					1.3	1.7	.66	1.1	0			
12					1.3	1.8	.73	1.1	0			
13					1.3	1.8	.80	1.1	0			
14					1.3	1.9	.87	1.1	0			
15					1.2	2.0	.93	1.1	0			
16					1.1	2.0	1.0	1.1	0			
17					1.1	2.0	1.1	1.1	0			
18					1.1	2.0	1.1	1.1	0			
19					1.1	1.9	1.2	.98	0			
20					1.1	1.9	1.3	.90	0			
21					1.1	1.9	1.3	.82	0			
22					1.2	1.8	1.3	.75	0			
23					1.2	1.8	1.3	.68	0			
24					1.2	1.7	1.3	.60	0			
25					1.2	1.6	1.3	.52	0			
26					1.3	1.5	1.3	.45	0			
27					1.3	1.4	1.3	.38	0			
28					1.3	1.3	1.3	.30	0			
29		-----			1.3	1.2	1.2	.22	0			
30		-----			1.4	1.1	1.2	.15	0			
31		-----		-----	1.4	-----	1.2	.08	-----		-----	
TOTAL					39.4	49.4	30.16	27.23	0			
MEAN					1.27	1.65	.97	.88	0			
MAX					1.4	2.0	1.3	1.2	0			
MIN					1.1	1.1	.39	.08	0			
AC-FT					78	98	60	54	0			
YEAR 1993	MAX	2.0	MIN	0	AC-FT	290						

NORTH PLATTE RIVER BASIN

DRY SPOTTEDTAIL CREEK at Mitchell - 1993

LOCATION.--SE1/4SE1/4 SEC. 20-23-56 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1948 - present

REMARKS.--e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 392 cubic feet per second on June 7 at gage height 2.72 feet.
 Minimum daily discharge 0.00 cubic feet per second on May 15 & 16.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17	24	21	21	17	14	19	56	55	32	39	26
2	19	24	18	21	16	15	36	54	51	52	39	25
3	20	23	17	22	38	93	36	58	56	53	38	27
4	18	22	21	21	72	43	41	59	59	53	38	28
5	17	22	20	21	46	19	34	60	60	51	38	27
6	17	15	40	25	17	24	36	61	69	49	37	29
7	18	22	68	24	16	195	35	59	74	48	38	28
8	16	23	67	23	16	26	35	60	71	53	37	28
9	15	22	35	20	16	22	35	57	69	52	37	27
10	15	20	30e	21	15	22	38	54	64	49	37	27
11	15	18	25e	22	15	22	36	51	66	50	36	26
12	15	7.3	25e	23	14	22	41	52	66	48	43	25
13	14	19	25e	25	15	22	40	54	70	48	44	26
14	15	23	25e	21	.89	21	51	54	63	47	40	25
15	15	23	25e	14	0	20	53	54	55	47	38	25
16	14	23	25	14	0	20	47	51	56	46	38	26
17	14	26	24	14	15	25	45	48	72	46	37	26
18	14	25	25	13	27	29	44	48	85	49	35	27
19	14	26	26	13	20	18	42	51	87	49	34	26
20	14	25	28	13	17	17	45	75	76	43	29	26
21	14	24	26	13	15	17	47	67	65	42	31	26
22	17	23	25	12	17	19	45	66	70	41	31	25
23	16	22	24	14	12	16	46	59	52	42	27	28
24	14	20	24	17	13	15	83	54	48	43	27	30
25	13	20	24	17	20	15	93	50	51	42e	26	27
26	14	21	23	17	19	15	101	51	56	42e	26	26
27	13	21	23	17	16	15	96	54	54	42e	27	26
28	15	21	23	18	28	15	80	55	50	42e	29	25
29	17	-----	24	17	25	15	72	52	52	40e	27	25
30	23	-----	23	16	19	15	61	57	45	39	27	25
31	22	-----	22	-----	16	-----	57	61	-----	39	-----	25
TOTAL	494	604.3	851	549	592.89	846	1,570	1,742	1,867	1,419	1,030	818
MEAN	15.9	21.6	27.5	18.3	19.1	28.2	50.6	56.2	62.2	45.8	34.3	26.4
MAX	23	26	68	25	72	195	101	75	87	53	44	30
MIN	13	7.3	17	12	0	14	19	48	45	32	26	25
AC-FT	980	1,200	1,690	1,090	1,180	1,680	3,110	3,460	3,700	2,810	2,040	1,620
YEAR 1993	TOTAL	12,383.19	MEAN	33.9	MAX	195	MIN	0	AC-FT	24,560		

NORTH PLATTE RIVER BASIN

TUB SPRINGS near Scottsbluff - 1993

LOCATION.--SW1/4SW1/4 Sec. 33-23-55 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1948 - present

REMARKS.--Published by United States Geological Survey from 1948 - 1979
a = Estimated discharge due to missing gage height record.

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 243 cubic feet per second on July 26, gage height 2.06 feet.
Minimum daily discharge 16 cubic feet per second, July 11.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26	22	21	19	18	46	25	23	41	81	45	37
2	26	23	20	19	18	56	24	44	35	62	44	36
3	26	23	20	19	19	78	28	52	41	61	43	36
4	26	23	21	19	19	59	28	51	41	61	42	36
5	25	23	20	19	27	55	27	54	45	60	42	35
6	25	23	20	21	57	54	43	55	57	60	41	36
7	26	23	20	21	56	64	41	61	62	61	41	34
8	27	23	20	21	43	53	38	61	61	66	40	34
9	27	23	20	20	44	52	28	56	61	61	40	32
10	26	24	20	20	44	48	20	56	61	59	40	31
11	26	23	20	20	46	45	16	57	60	57	40	31
12	26	23	20	20	41	41	21	57	58	58	50	31
13	25	23	21	22	29	39	26	61	72	56	43	31
14	25	23	21	20	41	30	33	59	77	58	41	32
15	28	23	21	20	42	27	34	59	77	56	40	31
16	27a	23	21	20	42	28	32	60	75	56	40	31
17	27a	23	20	19	45	57	32	57	76	55	40	32
18	26a	23	20	19	50	57	32	47	75	57	40	32
19	26a	22	20	19	64	55	30	49	99	54	39	31
20	25a	21	19	19	62a	49	29	64	100	55	38	31
21	24a	23	19	19	60a	58	30	82	89	52	39	31
22	24a	23	20	19	60a	54	36	69	97	51	39	31
23	23a	22	20	22	58a	55	86	61	108	49	38	30
24	23a	21	19	18	56a	51	88	64	109	49	37	30
25	23	21	20	18	54a	46	60	68	104	48	37	30
26	23	21	20	17	54a	42	88	61	101	47	36	30
27	24	21	20	17	52	41	82	59	98	47	36	30
28	23	21	20	17	53	27	63	58	99	48	37	30
29	23	-----	20	17	54	33	53	49	98	46	37	30
30	22	-----	20	17	50	30	44	46	88	46	36	30
31	22	-----	19	-----	50	-----	39	46	-----	46	-----	30
TOTAL	775	630	622	577	1,408	1,430	1,256	1,746	2,265	1,723	1,201	992
MEAN	25.0	22.5	20.1	19.2	45.4	47.7	40.5	56.3	75.5	55.6	40.0	32.0
MAX	28	24	21	22	64	78	88	82	109	81	50	37
MIN	22	21	19	17	18	27	16	23	35	46	36	30
AC-FT	1,540	1,250	1,230	1,140	2,790	2,840	2,490	3,460	4,490	3,420	2,380	1,970
YEAR 1993	TOTAL	14,625	MEAN	40.1	MAX	109	MIN	16	AC-FT	29,010		

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	14	15	23	23			
2					0	14	17	24	23			
3					0	14	18	25	22			
4					0	13	18	25	22			
5					0	13	20	24	22			
6					0	13	22	24	22			
7					0	10	24	24	23			
8					0	7.9	28	24	23			
9					0	7.1	28	23	23			
10					2.9	7.1	28	23	23			
11					5.7	6.8	26	23	23			
12					11	6.8	26	23	22			
13					16	6.3	26	23	18			
14					15	6.2	26	24	16			
15					15	6.2	26	23	17			
16					14	6.1	26	22	17			
17					17	6.5	26	22	17			
18					19	6.5	26	22	18			
19					20	6.5	26	23	19			
20					17	6.5	26	23	16			
21					13	6.4	26	27	15			
22					13	6.2	27	25	15			
23					12	6.1	28	23	16			
24					13	6.0	16	23	16			
25					13	6.0	16	23	9.8			
26					13	5.9	16	24	3.5			
27					13	5.7	18	25	3.5			
28					14	5.5	18	25	1.5			
29		-----			14	7.4	22	25	0			
30		-----			14	12	24	24	0			
31		-----		-----	14	-----	24	24	-----		-----	
TOTAL					298.6	244.7	713	735	489.3			
MEAN					9.63	8.16	23.0	23.7	16.3			
MAX					20	14	28	27	23			
MIN					0	5.5	15	22	0			
AC-FT					592	485	1,410	1,460	971			
YEAR 1993	MAX	28	MIN	0	AC-FT	4,920						

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from Winters Creek - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	27	14	42	36			
2					0	28	18	24	36			
3					0	10	22	14	40			
4					0	0	12	16	40			
5					0	0	1.9	22	42			
6					0	0	14	26	41			
7					0	0	35	27	40			
8					0	0	38	34	42			
9					0	0	40	41	39			
10					6.7	0	44	42	35			
11					12	0	50	43	31			
12					16	0	49	44	31			
13					17	0	52	45	34			
14					15	9.5	43	41	37			
15					28	17	44	41	26			
16					27	14	40	41	18			
17					29	.31	40	39	29			
18					29	0	43	41	30			
19					29	0	44	43	27			
20					30	0	42	46	11			
21					30	0	43	46	.06			
22					31	0	33	44	0			
23					31	4.3	.56	37	0			
24					32	.53	2.4	33	0			
25					34	0	0	25	0			
26					30	0	0	30	0			
27					28	0	0	37	0			
28					28	0	14	37	0			
29		-----			28	10	28	37	0			
30		-----			27	14	37	38	0			
31		-----		-----	27	-----	44	37	-----		-----	
TOTAL					564.7	134.64	887.86	1,113	665.06			
MEAN					18.2	4.49	28.6	35.9	22.2			
MAX					34	28	52	46	42			
MIN					0	0	0	14	0			
AC-FT					1,120	267	1,760	2,210	1,320			
YEAR 1993	MAX	52	MIN	0	AC-FT	6,670						

NORTH PLATTE RIVER BASIN

WINTERS CREEK FACTORY LATERAL from Winters Creek - 1993

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

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

PERIOD OF RECORD.--1937 - present

REMARKS.--a = estimated discharge due to missing gage height record.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	0	13	10	10 a
2					0	0	0	0	0	12	11	10 a
3					0	0	0	0	0	10	10	10 a
4					0	0	0	0	0	10	9.4	10 a
5					0	0	0	0	0	10	6.4	10 a
6					0	0	0	0	0	10	6.9	10 a
7					0	0	0	0	0	10	10	10 a
8					0	0	0	0	0	12	11	10 a
9					0	0	0	0	0	11	10	10 a
10					0	0	0	0	0	11	10	10 a
11					0	0	0	0	0	11	9.3	10 a
12					0	0	0	0	0	11	9.3	10 a
13					0	0	0	0	0	11	10 a	10 a
14					0	0	0	0	0	12	10 a	10 a
15					0	0	0	0	0	11	10 a	10 a
16					0	0	0	0	0	11	10 a	11 a
17					0	0	0	0	0	11	10 a	11 a
18					0	0	0	0	0	13	10 a	12 a
19					0	0	0	0	0	11	10 a	12 a
20					0	0	0	0	0	13	10 a	12 a
21					0	0	0	0	6.0a	11	10 a	13 a
22					0	0	0	0	12 a	11	10 a	13 a
23					0	0	0	0	12 a	11a	10 a	13 a
24					0	0	0	0	12 a	11a	10 a	12 a
25					0	0	0	0	12 a	11a	10 a	11 a
26					0	0	0	0	12 a	10a	10 a	10 a
27					0	0	0	0	12 a	10a	10 a	10 a
28					0	0	0	0	12 a	10	10 a	10 a
29		-----			0	0	0	0	12	10	10 a	5.0a
30		-----			0	0	0	0	13	10	10 a	0
31		-----		-----	0	-----	0	0	-----	10	-----	0
TOTAL					0	0	0	0	115.0	339	293.3	305.0
MEAN					0	0	0	0	3.83	10.9	9.78	9.84
MAX					0	0	0	0	13	13	11	13
MIN					0	0	0	0	0	10	6.4	0
AC-FT					0	0	0	0	228	672	582	605
YEAR 1993	MAX	13	MIN	0	AC-FT	2,090						

NORTH PLATTE RIVER BASIN

CENTRAL CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	30	24	24	28			
2					0	32	27	24	27			
3					0	26	27	24	29			
4					0	6.9	27	25	30			
5					0	26	29	25	27			
6					0	20	29	27	25			
7					0	24	29	30	25			
8					0	8.3	30	29	25			
9					0	7.0	30	26	25			
10					0	7.1	33	27	23			
11					0	8.2	33	29	22			
12					0	8.2	30	29	21			
13					0	7.7	30	29	15			
14					0	7.6	32	29	16			
15					2.4	8.2	31	28	14			
16					7.8	9.0	29	29	10			
17					28	9.9	29	29	10			
18					32	4.9	28	29	11			
19					31	4.5	26	29	11			
20					22	4.2	27	13	6.2			
21					29	7.3	27	7.6	1.0			
22					29	12	28	6.1	0			
23					30	14	28	6.0	0			
24					30	13	25	5.9	0			
25					29	12	25	5.7	0			
26					30	12	26	16	0			
27					30	12	25	24	0			
28					32	9.3	21	24	0			
29		-----			27	21	25	28	0			
30		-----			30	24	25	26	0			
31		-----		-----	31	-----	25	27	-----		-----	
TOTAL					450.2	396.3	860	710.3	401.2			
MEAN					14.5	13.2	27.7	22.9	13.4			
MAX					32	32	33	30	30			
MIN					0	4.2	21	5.7	0			
AC-FT					893	786	1,710	1,410	796			
YEAR 1993	MAX	33	MIN	0	AC-FT	5,590						

NORTH PLATTE RIVER BASIN

WINTERS CREEK near Scottsbluff - 1993

LOCATION.--NW1/4SE1/4 Sec. 30-22-54 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - present

REMARKS.--e = estimated discharge

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,160 cubic feet per second, June 21, 1977, gage height 8.07.
 Maximum gage height 9.34 feet, present datum, January 7, 1949, backwater from snowdrifts.
 Minimum daily discharge, 0.9 cubic feet per second, July 5, 1961.

EXTREMES FOR CURRENT YEAR.--Peak discharge 542 cubic feet per second on July 24, gage height 6.20 feet.
 Minimum daily discharge, 11 cubic feet per second, May 21.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	34	31	32	28	32	30	44	45	64	77	60e	45
2	34	31	33	28	32	34	45	74	65	76	60	44
3	33	31	34	28	32	122	40	81	72	73	60	44
4	33	33	34	27	32	105	118	75	76	72	59	43
5	34	35	34	27	32	55	217	71	83	72	60	44
6	33	38	73	25	32	54	167	70	91	72	60	45
7	33	36	51	25	34	76	103	73	93	71	59	43
8	33	37	39	25	43	52	92	69	107	77	59	43
9	33	37	34	25	49	52	72	59	108	73	59	43
10	33	38	34	25e	38	51	59	59	101	73	55	44
11	33	38	34	26e	30	50	49	62	93	71	53	43
12	33	37	33	26e	27	49	46	63	94	70	66	43
13	32	37	33	26e	32	48	55	66	108	70	56	43
14	33	36	33	27e	110	38	67	71	126	71	55	43
15	32	36	33	27e	15	40	71	70	117	67	54	43
16	32	36	33	28e	13	45	66	65	101	68	52	44
17	32	36	34	28e	16	60	61	61	107	67	52	44
18	32	36	33	29e	19	54	40	55	113	70	53	44
19	32	36	34	29e	16	50	26	56	114	68	54	44
20	32	36	34	30e	14	49	27	79	118	69	50	44
21	33	35	33	31	11	50	30	93	118	66	49	44
22	33	36	31	31	12	52	61	116	121	65	49	43
23	33	36	32	31	13	80	121	117	117	64	48	43
24	32	36	31	32	14	50	245	110	93	63	49	43
25	32	35	32	32	16	47	120	96	88	60	49	42
26	33	34	31	32	21	46	97	86	83	61	50	42
27	35	34	31	32	23	46	117	85	80	60	48	42
28	31	32	31	33	26	48	75	83	78	60	48	41
29	31	-----	30	32	32	43	56	70	77	60e	47	41
30	31	-----	29	32	30	40	45	68	79	60e	46	41
31	31	-----	28	-----	31	-----	43	64	-----	60e	-----	40
TOTAL	1,011	989	1,071	857	877	1,616	2,475	2,312	2,885	2,106	1,619	1,335
MEAN	32.6	35.3	34.5	28.6	28.3	53.9	79.8	74.6	96.2	67.9	54.0	43.1
MAX	35	38	73	33	110	122	245	117	126	77	66	45
MIN	31	31	28	25	11	30	26	45	64	60	46	40
AC-FT	2,010	1,960	2,120	1,700	1,740	3,210	4,910	4,590	5,720	4,180	3,210	2,650
YEAR 1993	TOTAL	19,153	MEAN	52.5	MAX	245	MIN	11	AC-FT	37,990		

NORTH PLATTE RIVER BASIN

MINATARE CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	53	32	78	54	32		
2					0	55	38	83	53	30		
3					11	51	39	82	52	30		
4					33	28	39	81	54	30		
5					40	16	50	81	55	29		
6					39	15	66	82	58	29		
7					40	16	69	80	59	29		
8					42	18	73	76	57	28		
9					42	17	74	77	53	27		
10					43	17	79	75	52	27		
11					43	17	81	76	50	27		
12					43	19	82	73	48	27		
13					34	31	85	71	51	27		
14					32	43	88	69	48	27		
15					19	44	89	66	43	27		
16					17	44	91	66	41	27		
17					16	47	90	66	38	27		
18					31	44	89	68	37	27		
19					46	43	87	69	34	0		
20					50	42	88	70	32	0		
21					50	41	90	66	31	0		
22					50	41	92	55	35	0		
23					42	38	92	50	40	0		
24					41	33	85	44	40	0		
25					43	35	77	41	41	0		
26					42	37	78	38	39	0		
27					41	39	83	37	36	0		
28					55	38	74	38	34	0		
29		-----			56	36	76	38	33	0		
30		-----			53	30	78	39	33	0		
31		-----		-----	52	-----	78	47	-----	0	-----	
TOTAL					1,146	1,028	2,332	1,982	1,331	507		
MEAN					37.0	34.3	75.2	63.9	44.4	16.4		
MAX					56	55	92	83	59	32		
MIN					0	15	32	37	31	0		
AC-FT					2,270	2,040	4,630	3,930	2,640	1,010		
YEAR 1993	MAX	92	MIN	0	AC-FT	16,510						

NORTH PLATTE RIVER BASIN

GERING CREEK near Gering - 1993

LOCATION.--SE1/4NE1/4 Sec. 6-21-54 W.

GAGE.--Continuous stage recorder

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

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 1770 cubic feet per second on August 21 at gage height 8.71 feet.
Minimum daily discharge 15 cubic feet per second on May 16.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19	19	18	16	21	116	45	109	160	29	23	27
2	19	19	18	17	21	126	97	134	150	29	23	26
3	19	19	18	18	21	254	94	136	151	29	23	27
4	19	18	18	17	21	147	94	130	144	28	23	27
5	19	18	20	17	21	127	118	130	144	28	23	26
6	19	18	190	18	20	113	99	135	146	28	22	27
7	19	18	125	18	20	149	118	135	173	28	22	27
8	19	18	77	18	19	58	102	125	180	32	22	27
9	19	18	35	18	19	26	91	111	181	28	22	27
10	18	19	20	18	18	22	106	114	168	27	23	27
11	18	18	19	18	17	21	103	111	156	27	23	27
12	18	18	17	18	17	21	102	117	155	27	29	27
13	18	18	17	22	17	21	98	116	228	27	26	27
14	18	18	18	20	16	21	102	111	222	32	24	27
15	19	18	18	19	16	21	95	115	229	26	24	27
16	18	18	17	19	15	33	97	115	209	26	24	26
17	18	18	16	19	25	91	94	117	196	26	24	26
18	18	17	17	20	144	38	87	115	171	26	25	26
19	18	18	17	21	133	26	84	111	92	26	25	26
20	19	18	17	20	122	22	90	147	49	27	25	26
21	20	17	17	20	115	34	91	438	39	24	25	26
22	20	17	16	20	110	26	94	253	42	25	25	26
23	19	17	16	21	112	53	128	288	41	25	26	26
24	18	18	16	21	110	60	214	267	31	25	26	26
25	19	18	16	21	99	48	161	215	29	25	26	25
26	19	17	16	21	103	30	164	193	29	24	26	25
27	20	17	16	21	85	38	147	172	29	24	26	25
28	19	17	18	22	89	36	152	157	29	24	26	25
29	18	-----	18	22	116	35	133	157	29	24	26	25
30	19	-----	17	22	107	31	117	161	29	23	26	25
31	19	-----	17	-----	102	-----	115	164	-----	24	-----	25
TOTAL	581	501	895	582	1,871	1,844	3,432	4,899	3,631	823	733	812
MEAN	18.7	17.9	28.9	19.4	60.4	61.5	111	158	121	26.5	24.4	26.2
MAX	20	19	190	22	144	254	214	438	229	32	29	27
MIN	18	17	16	16	15	21	45	109	29	23	22	25
AC-FT	1,150	994	1,780	1,150	3,710	3,660	6,810	9,720	7,200	1,630	1,450	1,610
YEAR 1993	TOTAL	20,604	MEAN	56.4	MAX	438	MIN	15	AC-FT	40,870		

NORTH PLATTE RIVER BASIN

CASTLE ROCK - STEAMBOAT CANAL from North Platte River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1918 - present

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	40	69	73	81	69	40	a	
2				0	48	69	83	85	73	30	a	
3				0	53	67	83	87	70	25	a	
4				0	35	57	83	86	68	25	a	
5				0	46	57	86	76	66	20	a	
6				0	58	56	91	78	68	20	a	
7				0	59	61	88	79	71	15	a	
8				0	60	57	85	78	71	15		
9				0	60	53	87	79	70	15		
10				0	59	51	87	79	68	16		
11				0	58	52	84	80	68	10	a	
12				0	60	53	82	84	61	5.0a		
13				0	58	53	82	88	59	0		
14				0	60	56	82	90	62	0		
15				0	53	59	78	91	63	0		
16				11	53	59	76	91	63	0		
17				9.8	65	62	77	91	63	0		
18				6.2	82	60	78	90	61	0		
19				5.7	77	61	76	89	53	0		
20				26	72	58	76	89	52	0		
21				39	87	56	79	92	53	0		
22				38	70	57	79	77	53	0		
23				36	69	57	82	70	55	0		
24				35	69	57	75	67	54	0		
25				35	68	55	69	64	54	0		
26				38	68	53	72	62	53	0		
27				39	70	54	75	61	52	0		
28				39	71	61	72	61	53	0		
29		-----		39	74	73	80	60	53	0		
30		-----		39	72	72	85	60	53	0		
31		-----		-----	70	-----	83	62	-----	0	-----	
TOTAL				435.7	1,944	1,765	2,488	2,427	1,832	236.0		
MEAN				14.5	62.7	58.8	80.3	78.3	61.1	7.61		
MAX				39	87	73	91	92	73	40		
MIN				0	35	51	69	60	52	0		
AC-FT				864	3,860	3,500	4,930	4,810	3,630	468		
YEAR 1993	MAX	92	MIN	0	AC-FT	22,070						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Minatare - 1993

LOCATION.--Main channel gage: SW1/4SW1/4 Sec. 18-21-53 W., Nine Mile channel gage: NE1/4SE1/4 Sec. 13-21-54 W.

GAGE.--Continuous stage recorders operated on Main and Nine Mile channels

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 = estimated dischargeEXTREMES FOR CURRENT YEAR.--Peak discharge 3,650 cubic feet per second on August 21.
Minimum daily discharge 202 cubic feet per second on May 17.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	621	573	535	587	444	485	273	631	774	1,330	898	708
2	639	579	541	573	432	525	388	734	713	1,280	889	708
3	632	585	548	577	420	1,020e	396	800	675	1,200	886	711
4	625	564	556	563	420	1,380e	409	782	665	1,160	872	710
5	626	546	567	564	393	1,320e	564	753	665	1,140	853	704
6	630	534	789	578	361	1,140e	540	762	719	1,120	843	713
7	625	537	1,030	595	365	1,560e	492	790	827	1,160e	837	714
8	620	542	1,310	590	372	1,420e	489	775	902	1,170	830	707
9	613	546	1,310	575	372	981e	443	716	923	1,150	822	704
10	608	552	1,120	566	379	828	398	648	904	1,120	816	709
11	606	557	934	555	372	744	347	629	873	1,110	811	714
12	618	545	832	541	371	680	330	614	862	1,090	905	708
13	585e	540	771	611	310	616	349	654	1,030	1,070	911	708
14	565e	534	750	612	300	554	428	655	1,120	1,090	884	716
15	590e	534	758	609	239	503	470	623	1,240	1,050	854	713
16	605e	529	754	571	218	486	453	602	1,200	1,050	832	712
17	620e	514	735	539	202	853	443	574	1,210	1,030	846	710
18	633	490	716	523	335	891	426	533	1,260	1,060	851	717
19	597	506	706	512	497	808	363	518	1,320	1,100	853	712
20	573	545	715	505	534	614	364	925	1,220	1,090	845	713
21	564	554	707	501	474	518	412	2,400	1,130	1,060	833	714
22	573	537	691	500	452	515	452	2,410	1,140	1,030	829	713
23	579	527	681	495	405	533	678	1,850	1,380	1,010	828	715
24	575	525	666	482	394	513	1,130	1,480	1,330	1,000	831	724
25	572	536	652	479	386	423	1,150	1,240	1,350	984	822	713
26	575	526	644	482	395	382	1,080	1,100	1,360	965	814	712
27	585	520	630	474	373	362	1,180	1,050	1,380	952	793	714
28	592	521	627	474	372	333	1,010	982	1,380	947	777	707
29	586	-----	633	462	478	287	837	904	1,360	916	769	708
30	581	-----	619	457	458	284	723	862	1,370	903	732	706
31	578	-----	607	-----	455	-----	669	834	-----	902	-----	707
TOTAL	18,591	15,098	23,134	16,152	11,978	21,558	17,686	28,830	32,282	33,239	25,166	22,044
MEAN	600	539	746	538	386	719	571	930	1,076	1,072	839	711
MAX	639	585	1,310	612	534	1,560	1,180	2,410	1,380	1,330	911	724
MIN	564	490	535	457	202	284	273	518	665	902	732	704
AC-FT	36,880	29,950	45,890	32,040	23,760	42,760	35,080	57,180	64,030	65,930	49,920	43,720
YEAR 1993	TOTAL	265,758	MEAN	728	MAX	2,410	MIN	202	AC-FT	527,100		

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	17	31	17			
2					0	0	23	36	19			
3					0	0	25	31	17			
4					0	0	25	31	16			
5					0	0	45	36	16			
6					0	8.9	24	33	16			
7					0	10	24	31	18			
8					0	11	25	26	21			
9					0	11	25	21	21			
10					11	9.2	27	.60	20			
11					20	8.8	28	.07	20			
12					20	8.3	33	0	19			
13					14	8.3	33	0	19			
14					13	7.6	36	0	8.9			
15					11	7.9	34	0	9.9			
16					12	8.1	31	0	8.8			
17					11	8.1	32	0	6.9			
18					18	8.9	32	29	5.1			
19					27	7.9	31	28	4.8			
20					28	7.1	37	34	1.7			
21					27	6.7	41	31	0			
22					24	6.5	40	19	0			
23					6.8	6.7	41	16	0			
24					5.3	7.8	32	16	0			
25					8.4	6.2	26	14	0			
26					0	5.5	28	12	0			
27					0	4.9	29	13	0			
28					0	8.2	26	12	0			
29		-----			0	12	24	8.8	0			
30		-----			0	8.4	25	9.2	0			
31		-----		-----	0	-----	25	14	-----		-----	
TOTAL					256.5	204.0	924	532.67	285.1			
MEAN					8.27	6.80	29.8	17.2	9.50			
MAX					28	12	45	36	21			
MIN					0	0	17	0	0			
AC-FT					509	405	1,830	1,060	565			
YEAR 1993	MAX	45	MIN	0	AC-FT	4,370						

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from Ninemile Creek - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	51	47	56	51	8.4		
2					0	51	49	61	51	6.3		
3					0	60	50	60	51	5.9		
4					0	62	49	59	51	5.4		
5					0	55	47	60	52	5.2		
6					0	47	44	61	52	5.1		
7					0	47	42	61	52	0		
8					0	46	42	59	51	0		
9					0	44	41	58	47	0		
10					1.9	43	38	57	43	0		
11					7.1	42	39	57	43	0		
12					16	41	41	57	49	0		
13					19	40	41	57	45	0		
14					18	39	43	57	42	0		
15					22	39	41	58	41	0		
16					20	37	40	59	36	0		
17					18	38	42	57	35	0		
18					19	38	44	57	35	0		
19					21	38	46	56	16	0		
20					26	38	47	57	32	0		
21					28	38	49	58	31	0		
22					33	39	48	54	30	0		
23					41	43	53	56	29	0		
24					48	44	58	57	27	0		
25					50	38	52	57	26	0		
26					51	39	54	54	24	0		
27					51	39	57	55	23	0		
28					50	39	57	55	22	0		
29		-----			50	39	56	54	20	0		
30		-----			50	45	56	51	13	0		
31		-----		-----	51	-----	56	51	-----	0	-----	
TOTAL					691.0	1,299	1,469	1,766	1,120	36.3		
MEAN					22.3	43.3	47.4	57.0	37.3	1.17		
MAX					51	62	58	61	52	8.4		
MIN					0	37	38	51	13	0		
AC-FT					1,370	2,580	2,910	3,500	2,220	72		
YEAR 1993	MAX	62	MIN	0	AC-FT	12,660						

NORTH PLATTE RIVER BASIN

NINE MILE CREEK near McGrew - 1993

LOCATION.--SE1/4SE1/4 Sec. 23-21-53 W.

PERIOD OF RECORD.--1932 - present

GAGE.--Continuous stage recorder

REMARKS.--e = Estimated discharge due to backwater from ice conditions.
a = Estimated discharge due to missing gage height record.

EXTREMES FOR PERIOD OF RECORD.--Maximum 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.--Maximum discharge 358 cubic feet per second, June 23, gage height 4.00.
Minimum daily discharge 30 cubic feet per second, May 24, 26.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	61	55	52	53	43	43	37	126	160	147	108	74
2	62	55	52	53	44	43	40	163	155	147	106	75
3	61	54	54	53	44	95	44	162	161	145	105	76
4	61	54	56	51	43	102	47	166	168	142	105	76
5	61	54	56	51	45	72	48	184	171	141	104	76
6	62	53	111	53	48	56	51	192	185	141	103	78
7	62	54	77	50	51	60	52	184	193	140	102	77
8	61	54	59	50	53	60	49	163	197	147	101	78
9	61	54	56	49	52	58	48	154	194	141	100	78
10	58e	55	55	48	59	57	46	141	194	141	100	78
11	58e	53	55	48	74	55	48	140	189	141	99	78
12	58e	53	53	48	79	54	51	139	187	141	117	79
13	56e	52	54	55	65	52	57	155	236	140	104	78
14	57	52	54	51	55	56	68	151	269	145	101	78
15	55	50e	55	50	53	57	75	157	246	140	96	79
16	55	50e	54	49	44	62	72	165	195	140	93	80
17	54	51e	55	48	41	76	80	146	206	139	92	80
18	54	51e	57	48	45	76	88	140	227	139	92	81
19	54	51	57	46	45	70	87	141	229	131	90	80a
20	54	53	59	46	50	61	90	180	210	128	89	80a
21	55	52	57	46	50	52	95	227	198	125	87	80a
22	55	52	56	46	47	51	100	220	192	123	86	80a
23	54	52	56	46	35	97	135	211	211	122	84	78a
24	55	52	56	46	30	81	212	208	174	120	81	78a
25	55	52	55	46	31	48	181	214	168	117	80	78a
26	56	52	54	46	30	44	181	213	163	115	79	78a
27	56	52	54	46	31	44	180	219	161	114	80	76a
28	55	52	57	45	32	44	175	213	158	113	81	76a
29	55	-----	57	44	34	45	164	199	153	110	80	76a
30	55	-----	55	44	38	39	134	172	150	109	76	76
31	54	-----	53	-----	40	-----	123	161	-----	109	-----	76
TOTAL	1,770	1,474	1,791	1,455	1,431	1,810	2,858	5,406	5,700	4,093	2,821	2,411
MEAN	57.1	52.6	57.8	48.5	46.2	60.3	92.2	174	190	132	94.0	77.8
MAX	62	55	111	55	79	102	212	227	269	147	117	81
MIN	54	50	52	44	30	39	37	126	150	109	76	74
AC-FT	3,510	2,920	3,550	2,890	2,840	3,590	5,670	10,720	11,310	8,120	5,600	4,780
YEAR 1993	TOTAL	33,020	MEAN	90.5	MAX	269	MIN	30	AC-FT	65,500		

NORTH PLATTE RIVER BASIN

SHORT LINE CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	26	27	38	17	15		
2					0	26	32	39	20	15		
3					18	42	36	30	21	15		
4					28	33	22	27	22	15		
5					28	40	19	29	22	15		
6					32	31	23	29	23	15		
7					35	30	21	27	23	16		
8					38	19	20	26	23	13		
9					38	19	19	25	23	0		
10					41	18	19	28	23	0		
11					47	16	20	31	23	0		
12					47	14	21	31	22	0		
13					44	13	25	25	23	0		
14					40	27	26	19	21	0		
15					38	35	27	19	19	0		
16					33	36	25	20	17	0		
17					31	18	28	18	18	0		
18					33	19	31	18	18	0		
19					33	19	31	18	19	0		
20					36	14	33	22	19	0		
21					36	8.4	35	22	17	0		
22					34	17	31	14	17	0		
23					25	29	32	12	18	0		
24					19	29	37	11	16	0		
25					19	25	25	11	16	0		
26					18	26	34	10	16	0		
27					18	25	43	8.0	16	0		
28					18	34	41	8.0	15	0		
29		-----			20	33	39	7.7	15	0		
30		-----			22	26	31	9.7	15	0		
31		-----		-----	23	-----	32	12	-----	0	-----	
TOTAL					892	747.4	885	644.4	577	119		
MEAN					28.8	24.9	28.5	20.8	19.2	3.84		
MAX					47	42	43	39	23	16		
MIN					0	8.4	19	7.7	15	0		
AC-FT					1,770	1,480	1,760	1,280	1,140	236		
YEAR 1993	MAX	47	MIN	0	AC-FT	7,670						

NORTH PLATTE RIVER BASIN

CHIMNEY ROCK CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	8.8	62	52	57	58	26		
2				0	8.6	62	56	59	59	26		
3				0	8.7	45	59	71	60	24		
4				0	8.4	43	58	72	61	24		
5				0	8.7	43	60	75	61	7.5		
6				0	9.0	41	60	77	62	0		
7				0	9.2	31	60	70	62	0		
8				0	9.7	32	60	68	59	0		
9				0	11	30	62	65	56	0		
10				0	13	29	80	73	54	0		
11				0	25	28	87	78	53	0		
12				0	36	27	86	69	51	0		
13				0	33	27	85	62	42	0		
14				0	35	26	88	19	36	0		
15				0	39	26	89	39	36	0		
16				0	43	25	88	69	35	0		
17				0	43	28	87	73	35	0		
18				0	48	29	87	72	34	0		
19				0	57	25	86	72	32	0		
20				0	59	22	87	70	29	0		
21				0	58	21	84	73	27	0		
22				0	58	20	89	72	25	0		
23				0	59	18	92	71	29	0		
24				0	60	18	86	69	30	0		
25				0	60	19	79	67	29	0		
26				0	60	26	78	66	28	0		
27				0	60	26	77	64	28	0		
28				0	60	36	77	62	27	0		
29		-----		6.1	62	48	78	61	26	0		
30		-----		9.2	62	50	79	59	27	0		
31		-----		-----	61	-----	61	59	-----	0	-----	
TOTAL				15.3	1,173.1	963	2,357	2,033	1,251	107.5		
MEAN				.51	37.8	32.1	76.0	65.6	41.7	3.47		
MAX				9.2	62	62	92	78	62	26		
MIN				0	8.4	18	52	19	25	0		
AC-FT				30	2,330	1,910	4,680	4,030	2,480	213		
YEAR 1993	MAX	92	MIN	0	AC-FT	15,670						

NORTH PLATTE RIVER BASIN

BAYARD CREEK near Bayard - 1993

LOCATION.--SE1/4NE1/4 Sec. 5-20-52 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - present

REMARKS.--e = Estimated discharge

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 391 cubic feet per second on 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.--Maximum discharge 173 cubic feet per second on August 21, gage height 2.55 feet.
 Minimum daily discharge, 0.59 cubic feet per second on May 1.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14	10	11	15	.59	4.7	4.4	48	63	9.1	20	23
2	14	15	12	13	.61	2.9	6.0	57	59	15	20e	22
3	14	15	14	15	.77	18	5.3	55	62	27	20e	22
4	14	16	14	14	.90	19	8.8	49	68	26	20e	22
5	14	15	15	15	.79	16	9.3	49	66	28	20e	23
6	14	15	60	16	.77	14	7.4	51	62	27	20e	24
7	14	15	48	16	.80	17	7.3	55	60	26	20e	23
8	13	15	31	15	.84	12	5.8	61	59	36	20e	23
9	12	15	20	15	.88	9.0	6.1	56	54	31	20e	24
10	11	15	16	6.1	1.1	4.8	5.2	53	51	29	19e	24
11	11	15	15	1.4	.92	3.9	3.8	57	49	26	18	24
12	11	15	14	1.1	.89	4.2	3.3	55	27	24	44	22
13	11	14	14	1.2	.89	4.0	4.7	59	29	24	32	22
14	11	14	14	1.2	.89	3.9	9.9	53	27	26	25	22
15	11	13e	15	1.0	1.1	3.9	15	51	22	24	24	21
16	11	13e	14	.98	1.4	7.5	14	34	17	26	24	21
17	11	12e	13	1.0	1.5	62	14	28	17	24	24	20
18	10	14e	14	1.0	1.4	53	14	32	27	26	24	21
19	10	14	18	2.4	1.6	23	13	40	39	25	23	20
20	10	14	18	1.6	3.3	8.5	17	60	50	26	22	19
21	10	13	16	.92	2.7	5.0	19	74	52	24	23	19
22	12	14	15	.95	2.0	4.5	18	109	45	23	23	19
23	15	14	14	.88	1.8	4.0	40 e	87	40	22	21	18
24	13	13	14	.83	1.6	4.5	74 e	80	37	22	22	19
25	12	13	14	.78	3.1	10	70 e	69	34	20	20	19
26	15	13	14	.71	2.2	7.7	68 e	63	30	20	21	19
27	16	13	14	.65	2.5	4.6	67	65	13	20	21	19
28	15	13	17	.65	3.6	4.0	66	69	6.2	20	22	19
29	13	-----	18	.65	4.0	4.9	65	67	6.7	20	22	18
30	12	-----	16	.62	3.2	4.8	60	66	7.7	18	21	18
31	12	-----	15	-----	4.8	-----	53	64	-----	19	-----	18
TOTAL	386	390	557	160.62	53.44	345.3	774.3	1,816	1,179.6	733.1	675	647
MEAN	12.5	13.9	18.0	5.35	1.72	11.5	25.0	58.6	39.3	23.6	22.5	20.9
MAX	16	16	60	16	4.8	62	74	109	68	36	44	24
MIN	10	10	11	.62	.59	2.9	3.3	28	6.2	9.1	18	18
AC-FT	766	774	1,100	319	106	685	1,540	3,600	2,340	1,450	1,340	1,280
YEAR 1993	TOTAL	7,717.36	MEAN	21.1	MAX	109	MIN	.59	AC-FT	15,310		

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Bayard Sugar Factory Drain - 1993

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	4.1	31	28	10	6.8	18		
2				0	4.0	29	32	21	5.4	12		
3				0	9.8	37	32	20	6.1	0		
4				0	20	35	36	17	7.5	0		
5				0	17	35	37	16	7.1	0		
6				0	19	32	35	20	6.2	0		
7				0	19	36	36	21	5.5	0		
8				0	21	32	36	14	5.3	0		
9				0	22	25	36	11	3.9	0		
10				6.3	24	20	35	9.8	3.2	0		
11				11	18	20a	33	12	4.9	0		
12				10	13	21a	33	12	23	0		
13				13	17	22a	36	13	37	0		
14				8.3	20	22	39	11	37	0		
15				6.9	25	27	34	10	35	0		
16				6.4	23	24	33	16	32	0		
17				6.1	22	0	34	22	31	0		
18				5.9	21	0	35	25	36	0		
19				4.5	22	22	33	19	36	0		
20				4.3	30	32	29	16	19	0		
21				4.8	27	24	26	14	11 a	0		
22				4.8	23	22	27	6.0	2.8a	0		
23				4.4	26	24	28	10	2.9	0		
24				4.4	27	28	23	11	2.6	0		
25				4.4	30	37	17	9.0	2.8	0		
26				4.4	28	35	17	7.4	2.1	0		
27				4.5	28	31	18	7.4	3.1	0		
28				4.3	30	29	18	8.3	13	0		
29		-----		4.2	29	32	16	7.7	20	0		
30		-----		4.2	28	31	13	7.2	25	0		
31		-----		-----	30	-----	11	7.1	-----	0	-----	
TOTAL				127.1	676.9	795	896	410.9	433.2	30		
MEAN				4.24	21.8	26.5	28.9	13.3	14.4	.97		
MAX				13	30	37	39	25	37	18		
MIN				0	4.0	0	11	6.0	2.1	0		
AC-FT				252	1,340	1,580	1,780	815	859	60		
YEAR 1993	MAX	39	MIN	0	AC-FT	6,680						

NORTH PLATTE RIVER BASIN

RED WILLOW CREEK near Bayard - 1993

LOCATION.--NE1/4NE1/4 SEC. 13-20-52 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - present

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,320 cubic feet per second July 3, 1956, gage height 8.33 ft.
 Maximum gage height 8.8 ft., present datum, May 10, 1942 from HMM.
 Minimum daily discharge 15 cubic feet per second April 23, 1945 and April 26, 1962.

EXTREMES FOR CURRENT YEAR.--Peak discharge 562 cubic feet per second on June 17, gage height 4.34 feet.
 Minimum daily discharge, 27 cubic feet per second on May 7 & 8.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	52	46	44	44	46	121	42	91	155	92	81	71
2	51	46	45	45	48	157	52	154	117	92	80	71
3	50	45	50	45	48	233	51	162	110	88	80	70
4	50	45	52	44	47	175	85	162	112	83	78	71
5	50	45	51	43	45	107	98	163	112	78	78	70
6	50	45	105	45	32	82	80	167	148	75	77	71
7	50	45	70	44	27	75	65	171	172	75	77	70
8	49	45	59	42	27	63	68	169	181	99	77	71
9	50	46	54	41	31	67	68	155	177	94	77	71
10	49	47	52	44	39	65	63	111	165	92	77	70
11	50	47	50	49	45	57	61	99	139	92	77	70
12	49	46	47	44	40	56	59	99	165	91	105	70
13	49	45	46	62	41	55	64	109	201	90	88	68
14	50	45	46	61	33	54	76	110	241	91	87	68
15	48	46	45	61	36	50	85	115	242	90	84	69
16	47	46	44	58	116	78	86	114	235	94	83	70
17	47	45	46	52	162	172	75	106	268	92	81	68
18	47	45	45	48	148	157	88	96	304	93	81	68
19	47	44	46	50	180	97	81	93	316	91	79	67
20	47	44	48	54	212	90	96	109	280	93	78	67
21	47	44	46	50	185	92	108	170	249	89	77	66
22	48	45	45	47	123	98	108	227	227	88	77	66
23	47	45	44	44	98	100	169	205	202	87	75	66
24	47	45	44	43	81	118	188	202	142	86	75	67
25	47	44	43	43	58	131	195	166	126	84	73	68
26	47	44	44	45	50	116	181	158	117	83	74	68
27	48	44	44	47	46	97	193	164	111	83	72	68
28	47	43	47	47	34	74	152	183	109	83	72	67
29	45	-----	48	48	28	67	127	182	103	80	72	66
30	45	-----	45	44	33	53	103	180	95	80	71	66
31	45	-----	44	-----	86	-----	93	166	-----	82	-----	66
TOTAL	1,495	1,262	1,539	1,434	2,225	2,957	3,060	4,558	5,321	2,710	2,363	2,125
MEAN	48.2	45.1	49.6	47.8	71.8	98.6	98.7	147	177	87.4	78.8	68.5
MAX	52	47	105	62	212	233	195	227	316	99	105	71
MIN	45	43	43	41	27	50	42	91	95	75	71	66
AC-FT	2,970	2,500	3,050	2,840	4,410	5,870	6,070	9,040	10,550	5,380	4,690	4,210
YEAR 1993	TOTAL	31,049	MEAN	85.1	MAX	316	MIN	27	AC-FT	61,590		

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Red Willow Creek - 1993

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

GAGE.--Continuous stage recorder and concrete flume

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	42	22	47	46	18		
2					0	32 a	28	51	47	19		
3					0	20 a	48a	44	54	19		
4					0	11 a	50a	46	51	19		
5					0	11 a	43a	46	56	19		
6					7.7	12 a	37a	47	54	18		
7					15	14 a	44a	50	47	18		
8					15	16	48	54	51	5.0		
9					15	19	47	50	51	8.2		
10					15	19	45	50	47	1.2		
11					15	19	42	50	46	0		
12					16	16	51	56	51	0		
13					18	12	60	53	54	0		
14					18	21	57	56	49	0		
15					20	27	54	51	45	0		
16					1.1	24	50	56	48	0		
17					7.3	3.4	51	56	44	0		
18					15	13	45	52	17	0		
19					15	20	51	55	0	0		
20					18	23	52	60	8.1	0		
21					24	32	54	33	16	0		
22					40	29	56	17	14	0		
23					42	28	54	44	14	0		
24					36	26	51	44	5.7	0		
25					38	33	49	44	20	0		
26					44	35	53	51	17	0		
27					45	26	50	54	11	0		
28					32	24	52	53	13	0		
29		-----			20	20	50	48	19	0		
30		-----			22	26	52	47	19	0		
31		-----		-----	41	-----	47	44	-----	0	-----	
TOTAL					595.1	653.4	1,493	1,509	1,014.8	144.4		
MEAN					19.2	21.8	48.2	48.7	33.8	4.66		
MAX					45	42	60	60	56	19		
MIN					0	3.4	22	17	0	0		
AC-FT					1,180	1,300	2,960	2,990	2,010	286		
YEAR 1993	MAX	60	MIN	0	AC-FT	10,730						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	79	100	96	99	42		
2					0	79	100	101	100	0		
3					0	85	99	101	99	0		
4					0	85	98	102	107	0		
5					0	80	98	104	107	0		
6					0	77	98	103	107	0		
7					0	78	98	109	104	0		
8					0	81	98	108	100	0		
9					0	78	98	106	99	0		
10					2.5	77	98	103	100	0		
11					92	76	100	103	92	0		
12					65	76	107	103	95	0		
13					57	73	111	110	94	0		
14					78	73	111	105	87	0		
15					115	84	106	103	82	0		
16					94	85	106	104	83	0		
17					89	91	106	104	82	0		
18					89	87	104	104	86	0		
19					88	81	105	103	87	0		
20					81	81	102	102	78	0		
21					79	72	89	105	77	0		
22					79	81	96	99	76	0		
23					78	90	101	98	78	0		
24					77	91	93	101	78	0		
25					82	87	96	106	75	0		
26					81	85	108	109	71	0		
27					77	89	94	107	64	0		
28					78	92	101	103	79	0		
29		-----			79	100	108	102	66	0		
30		-----			79	101	103	98	86	0		
31		-----		-----	79	-----	96	105	-----	0	-----	
TOTAL					1,718.5	2,494	3,128	3,207	2,638	42		
MEAN					55.4	83.1	101	103	87.9	1.35		
MAX					115	101	111	110	107	42		
MIN					0	72	89	96	64	0		
AC-FT					3,410	4,950	6,200	6,360	5,230	83		
YEAR 1993	MAX	115	MIN	0	AC-FT	26,240						

NORTH PLATTE RIVER BASIN

EMPIRE CANAL from North Platte River - 1993

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 = discharge affected by submergence

DAILY DISCHARGES CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	28	37 s	34	35	1.2		
2					0	28	24 s	38	31	0		
3					0	19	25	38	28	0		
4					0	3.9	27	38	33	0		
5					0	3.4	29	33	33	0		
6					0	3.1	29	28	30 s	0		
7					0	2.5	29	23	30 s	0		
8					0	2.2	31	23	30 s	0		
9					0	2.1	31 s	23	26 s	0		
10					0	2.0	32 s	18	24 s	0		
11					0	2.0	32 s	9.9	22 s	0		
12					3.0	2.0	29 s	9.8	12 s	0		
13					11	7.0	31	9.9	6.2	0		
14					19	27	31	9.4	4.7	0		
15					27	32	32	9.1	5.0	0		
16					21	34	32	8.9	5.0	0		
17					21	38	32	8.9	5.0	0		
18					23	22	32	8.7	5.0	0		
19					24	6.3	32	8.6	4.8	0		
20					21	9.0s	32	29	2.5	0		
21					21	12 s	32	47	.56	0		
22					22	20 s	31	43	1.1	0		
23					21	25 s	30	43	3.1	0		
24					22 s	27 s	27	35	3.0	0		
25					15 s	20 s	23	28	2.6	0		
26					20 s	5.2	5.1	28	.97	0		
27					26 s	5.7	3.8	28	1.8	0		
28					26	6.1	3.4	28	3.2	0		
29		-----			27	6.7	3.5	27	2.3	0		
30		-----			28	20 s	3.2	21	2.8	0		
31		-----		-----	28	-----	16	30	-----	0	-----	
TOTAL					426.0	421.2	787.0	766.2	393.63	1.2		
MEAN					13.7	14.0	25.4	24.7	13.1	.039		
MAX					28	38	37	47	35	1.2		
MIN					0	2.0	3.2	8.6	.56	0		
AC-FT					845	835	1,560	1,520	781	2.4		
YEAR 1993	MAX	47	MIN	0	AC-FT	5,540						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Bridgeport - 1993

LOCATION.--Main channel gage and Browns Creek channel gages located in NW1/4NW1/4 Sec. 28-20-50 W.

GAGE.--Continuous stage recorders on Main channel and Browns Creek channel

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 = Estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,180 cubic feet per second on August 22, combined flow both channels.
Minimum daily discharge 321 cubic feet per second on May 15, combined flow both channels.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	913	734	782	796	594	532	435e	846	1,140	1,610	1,140	1,110
2	963	743	768	783	585	550	425e	943	1,010	1,590	1,100	1,130
3	943	735	789	789	596	777	471e	1,160	952	1,510	1,140	1,100e
4	915	732	787	761	573	1,470	491e	1,140	887	1,380	1,150	1,100e
5	919	727	773	762	550	1,390	546e	1,190	855	1,380	1,140	1,100e
6	924	712	853	786	522	1,240	579e	1,220	950	1,410	1,140	1,100
7	900e	724	1,250	814	528	1,200	559	1,300e	1,030	1,440	1,100	1,100
8	620e	728	1,320	805	542	1,580	549	1,260e	1,130	1,560	1,090	1,060e
9	660e	741	1,300	794	539	1,140	518	1,160e	1,170	1,590	1,090	1,060e
10	680e	729	1,210	740	548	899	437	1,000e	1,170	1,560	1,110	1,060e
11	700e	753	1,020	750	460	821	400	982e	1,150	1,540	1,090	1,140
12	760e	692	908	757	445	844	368	952e	1,080	1,510	1,210	1,150
13	780e	643	944	835	449	788	356	997e	1,170	1,490	1,330	1,150
14	800e	637	959	808	402	721	401	1,060	1,460	1,550	1,300	1,160
15	800e	651	960	794	322	641	507	1,040	1,520	1,510	1,300	1,160
16	800e	660e	973	775	321	618	536	961	1,520	1,530	1,250	1,130
17	800e	660e	960	739	351	695	511	853	1,520	1,500	1,220	1,120
18	800e	680e	917	720	342	755	532	792	1,660	1,510	1,200	1,110
19	800e	740e	885	709	442	732	506	752	1,780	1,560	1,160	1,100
20	800e	720e	872	689	578	712	511	851	1,640	1,550	1,160	1,080
21	800e	720e	849	661	563	693	547	1,530	1,550	1,530	1,140	1,060e
22	800e	720a	820	646	515	689	579	2,850	1,460	1,430	1,110	1,020e
23	800e	720a	813	630	487	709	743e	2,570e	1,590	1,380	1,060	980e
24	800e	740a	816	586	443	864	1,180e	2,300e	1,610	1,330	980e	972
25	800e	740a	849	564	438	796	1,620e	1,990e	1,580	1,320	940e	980
26	820e	738	851	595	441	742	1,570e	1,810e	1,600	1,290	960e	985
27	840e	719	833	599	429	674	1,600	1,700e	1,570	1,310	1,120	985
28	873	766	857	607	428	626	1,520	1,610e	1,530	1,300	1,150	989
29	830	-----	906	616	435	554	1,240	1,500e	1,520	1,280	1,110	997
30	777	-----	843	606	466	494e	1,030	1,360e	1,530	1,230	1,110	1,010
31	746	-----	795	-----	504	-----	939	1,220	-----	1,180	-----	1,020
TOTAL	25,163	20,004	28,462	21,516	14,838	24,946	22,206	40,899	40,334	44,860	34,100	33,218
MEAN	812	714	918	717	479	832	716	1,319	1,344	1,447	1,137	1,072
MAX	963	766	1,320	835	596	1,580	1,620	2,850	1,780	1,610	1,330	1,160
MIN	620	637	768	564	321	494	356	752	855	1,180	940	972
AC-FT	49,910	39,680	56,450	42,680	29,430	49,480	44,050	81,120	80,000	88,980	67,640	65,890

YEAR 1993 TOTAL 350,546 MEAN 960 MAX 2,850 MIN 321 AC-FT 695,300

NORTH PLATTE RIVER BASIN

BROWNS CREEK CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	75	55	81	59			
2					0	76	57	75	57			
3					0	72	69	71	63			
4					0	69	82	70	66			
5					0	47	88	68	63			
6					0	41	88	67	60			
7					0	47	87	70	31			
8					0	53	88	66	3.5			
9					0	55	87	65	3.8			
10					0	55	85	71	3.7			
11					0	51	95	77	3.7			
12					0	49	98	76	3.4			
13					0	40	92	81	1.9			
14					0	33	86	85	1.2			
15					0	35	98	86	.74			
16					0	34	96	86	.68			
17					0	28	90	86	.61			
18					0	25	80	84	.61			
19					0	20	77	83	.61			
20					0	18	84	81	5.0			
21					0	17	87	78	6.7			
22					0	16	84	65	5.7			
23					0	20	78	49	5.6			
24					0	26	70	63	15			
25					13	23	66	64	11			
26					39	21	61	58	5.0			
27					60	19	55	50	0			
28					76	21	52	47	0			
29		-----			75	28	50	37	0			
30		-----			76	52	53	46	0			
31		-----		-----	74	-----	73	57	-----		-----	
TOTAL					413	1,166	2,411	2,143	477.45			
MEAN					13.3	38.9	77.8	69.1	15.9			
MAX					76	76	98	86	66			
MIN					0	16	50	37	0			
AC-FT					819	2,310	4,780	4,250	947			
YEAR 1993	MAX	98	MIN	0	AC-FT	13,110						

NORTH PLATTE RIVER BASIN

COURTHOUSE ROCK CANAL from Pumpkin Creek - 1993

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 = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	4.6	3.9			
2					0	0	0	5.2	4.0			
3					0	0	0	4.8	4.0			
4					0	0	0	4.7	4.0			
5					0	0	0	4.8	4.0			
6					0	0	0	5.0	5.0			
7					0	0	0	5.3	4.7			
8					0	0	3.3	4.8	4.6			
9					0	0	4.7	4.7	4.4			
10					0	0	4.6	5.1	4.3			
11					0	0	4.6	5.2	4.4			
12					0	0	4.7	5.1	4.5			
13					0	0	4.9	5.0	5.7			
14					0	0	5.0	4.8	5.7			
15					0	0	4.9	4.7	5.1			
16					0	0	4.7	4.7	4.9			
17					0	0	4.5	4.6e	5.0			
18					0	0	4.3	4.5	6.1			
19					0	0	4.1	4.7	3.7			
20					0	0	4.0	4.5	0			
21					0	0	3.9	4.6	0			
22					0	0	4.4	4.7	0			
23					0	0	4.4e	4.2	0			
24					0	0	4.5e	3.9	0			
25					0	0	4.6e	3.7	0			
26					0	0	4.7e	4.2	0			
27					0	0	4.7	4.2	0			
28					0	0	4.6	4.2e	0			
29		-----			0	0	4.6	4.1e	0			
30		-----			0	0	4.6	4.0e	0			
31		-----		-----	0	-----	4.7	4.0e	-----		-----	
TOTAL					0	0	108.0	142.6	88.0			
MEAN					0	0	3.48	4.60	2.93			
MAX					0	0	5.0	5.3	6.1			
MIN					0	0	0	3.7	0			
AC-FT					0	0	214	283	175			
YEAR 1993	MAX	6.1	MIN	0	AC-FT	672						

NORTH PLATTE RIVER BASIN

LAST CHANCE CANAL from Pumpkin Creek - 1993

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 1993

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	0	0	0			
16					0	0	0	0	0			
17					0	0	0	0	0			
18					0	0	0	0	0			
19					0	0	0	0	0			
20					0	0	0	0	0			
21					0	0	0	0	0			
22					0	0	0	0	0			
23					0	0	0	0	0			
24					0	0	0	0	0			
25					0	0	0	0	0			
26					0	0	0	0	0			
27					0	0	0	0	0			
28					0	0	0	0	0			
29		-----			0	0	0	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					0	0	0	0	0			
MEAN					0	0	0	0	0			
MAX					0	0	0	0	0			
MIN					0	0	0	0	0			
AC-FT					0	0	0	0	0			
YEAR 1993	MAX	0	MIN	0	AC-FT	0						

NORTH PLATTE RIVER BASIN

MEREDITH-AMMER CANAL from Pumpkin Creek - 1993

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.--a = estimated discharge - no gage height data

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	1.5	0	3.0	2.6			
2					0	1.8	0	3.0a	2.5			
3					0	1.9	0	3.0a	2.2			
4					0	.66	3.0a	3.0a	1.9			
5					0	0	5.0a	3.0a	1.9			
6					0	0	5.0a	3.0a	1.5a			
7					0	0	5.6	3.0a	1.0a			
8					0	0	5.0	3.0a	0			
9					0	0	4.1	3.1	0			
10					0	0	3.5	2.9	0			
11					2.9	0	3.0	2.8	0			
12					5.6	0	2.7	2.3	0			
13					5.8	0	2.5e	2.3	0			
14					5.8	0	2.5e	2.5	0			
15					5.5	0	2.4	2.7	0			
16					5.4	0	2.5	2.7	0			
17					5.2	0	2.6	2.5	0			
18					5.3	0	2.5	2.6	0			
19					5.2	0	2.1	2.8	0			
20					5.2	0	2.3	2.7	0			
21					5.1	0	2.2	2.4	0			
22					5.1	0	2.2	2.1	0			
23					5.0	0	2.4a	2.1	0			
24					5.1	0	2.6a	2.0	0			
25					5.0	0	2.8a	1.9	0			
26					4.3	0	3.1	2.5	0			
27					4.3	0	3.1	2.7	0			
28					4.1	0	2.8	2.6a	0			
29		-----			4.0	0	2.7	2.6a	0			
30		-----			2.8	0	2.6	2.5a	0			
31		-----		-----	1.4	-----	2.7	2.4	-----		-----	
TOTAL					98.1	5.86	85.5	81.7	13.6			
MEAN					3.16	.20	2.76	2.64	.45			
MAX					5.8	1.9	5.6	3.1	2.6			
MIN					0	0	0	1.9	0			
AC-FT					195	12	170	162	27			
YEAR 1993	MAX	5.8	MIN	0	AC-FT	565						

NORTH PLATTE RIVER BASIN

PUMPKIN CREEK near Bridgeport - 1993

LOCATION.--SW1/4 Sec. 12-19-50 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Feb. 1931 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = Estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 83 cubic feet per second on May 11 at gage height 2.32 feet.
Minimum daily discharge 0 on July 11, 12, 15 - 21, August 17 - 21, 23, 24, 30, 31, September 1, 2, 5.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.0e	14	14	18	16	7.8	22	.04	0	24	9.6	10e
2	7.0e	13	14e	18	16	7.7	3.1	.05	0	7.8	9.8	10e
3	7.0e	13	13	19	14	10	1.6	.37	.01	5.8	10	11e
4	7.0e	14	15	18	14	12	.96	2.3	.01	6.1	10 e	11e
5	7.0e	13	15	18	14	12	.53	2.1	0	5.5	10 e	12e
6	7.0e	13	22	19	14	12	.33	.04	1.2	5.4	10 e	12e
7	7.0e	14	39	18	15	13	.28	.04	9.4	5.8	11	13e
8	7.0e	14	20	18	16	20	.19	.03	11	6.8	9.6	13
9	7.0e	14	14	17	16	35	.12	.03	10	7.0	9.3	13
10	7.0e	9.0e	15	17	14	34	.01	.03	11	7.6	9.3	13
11	7.0e	9.0e	18	16	24	34	0	.03	11	7.9	10	13
12	7.0e	9.0e	21	16	52	36	0	.03	12	7.9	14	13
13	7.0e	9.0e	19	22	44	36	.01	.03	13	8.2	15	12e
14	7.0e	9.0e	16	21	36	31	.02	.03	21	8.2	12	13e
15	7.0e	7.0e	15	20	19	29	0	.03	33	8.3	12 e	13e
16	7.0e	6.0e	15	20	8.1	31	0	.01	30	8.8	12	14
17	7.0e	9.0e	15	20	7.2	38	0	0	28	9.2	11	13e
18	7.0e	11 e	16	20	7.5	42	0	0	29	9.5	12	11e
19	7.0e	11 e	16	20	8.0	37	0	0	30	9.2	11	10e
20	7.0e	11 e	19	20	8.2	34	0	0	26	9.9	11 e	10e
21	7.0e	11 e	20	20	7.9	34	0	0	26	9.3	11	10e
22	8.0e	11 e	19	20	7.3	32	.01	.01	25	9.1	11	10e
23	9.0e	11 e	18	20	7.0	34	.04	0	25	9.1	11 e	12e
24	11 e	11 e	18	21	7.0	35	.13	0	25	9.4	10 e	15e
25	12 e	11 e	17	21	6.5	36	.03	.02	26	10	11 e	16e
26	12 e	12 e	16	20	7.0	36	.33	.04	25	9.7	12 e	15
27	12 e	13 e	17	20	7.1	35	.18	.02	24	9.6	12 e	15
28	14 e	13 e	18	15	7.4	34	.10	.02	24	9.3	10 e	15e
29	14 e	-----	19	15	7.4	30	.01	.01	24	9.4e	10 e	15e
30	14 e	-----	18	15	7.3	29	.01	0	25	9.4e	10 e	18
31	12	-----	17	-----	8.2	-----	.02	0	-----	9.4	-----	20
TOTAL	265.0	315.0	548	562	443.1	846.5	30.01	5.31	524.62	272.6	326.6	401
MEAN	8.55	11.3	17.7	18.7	14.3	28.2	.97	.17	17.5	8.79	10.9	12.9
MAX	14	14	39	22	52	42	22	2.3	33	24	15	20
MIN	7.0	6.0	13	15	6.5	7.7	0	0	0	5.4	9.3	10
AC-FT	526	625	1,090	1,110	879	1,680	60	11	1,040	541	648	795
YEAR 1993	TOTAL	4,539.74	MEAN	12.4	MAX	52	MIN	0	AC-FT	9,000		

NORTH PLATTE RIVER BASIN

BEERLINE CANAL from North Platte River - 1993

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

GAGE.--Continuous stage recorder and concrete flume

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	7.9	5.1	.50		
2					0	0	0	11	4.6	.46		
3					0	0	0	15	4.1	.25		
4					0	0	0	17	4.2	0		
5					0	0	0	17	4.2	0		
6					0	0	0	17	5.0	0		
7					0	0	0	13	5.4	0		
8					0	0	0	12	5.3	0		
9					0	0	2.9	10	5.1	0		
10					0	0	6.9	9.3	5.4	0		
11					0	0	7.1	9.1	5.5	0		
12					0	0	6.9	11	5.4	0		
13					0	0	6.1	13	4.1	0		
14					0	0	7.8	15	1.0	0		
15					0	0	9.9	16	1.1	0		
16					0	0	10	14	1.0	0		
17					0	0	10	12	1.0	0		
18					0	0	11	9.4	1.1	0		
19					0	0	11	7.1	1.0	0		
20					0	0	10	7.9	.91	0		
21					0	0	11	16	.80	0		
22					0	0	10	22	.57	0		
23					0	0	6.7	21	.52	0		
24					0	0	11	20	.56	0		
25					0	0	11	18	.54	0		
26					0	0	11	17	.54	0		
27					0	0	12	15	.54	0		
28					0	0	12	8.4	.54	0		
29		-----			0	0	11	6.7	.54	0		
30		-----			0	0	10	5.3	.54	0		
31		-----		-----	0	-----	8.2	5.3	-----	0	-----	
TOTAL					0	0	213.5	398.4	76.20	1.21		
MEAN					0	0	6.89	12.9	2.54	.039		
MAX					0	0	12	22	5.5	.50		
MIN					0	0	0	5.3	.52	0		
AC-FT					0	0	423	790	151	2.4		
YEAR 1993	MAX	22	MIN	0	AC-FT	1,370						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from Cedar Creek - 1993

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	1.7	1.8	.87			
2					0	0	1.7	2.4	.90			
3					0	0	1.7	2.6	1.2			
4					0	0	1.6	2.0	1.2			
5					0	0	1.9	2.2	1.2			
6					0	0	2.1	2.6	.71			
7					0	0	1.5	1.9	0			
8					0	0	1.6	1.3	0			
9					0	0	2.2	1.3	0			
10					0	0	2.4	1.1	0			
11					0	0	2.3	1.6	0			
12					0	0	2.2	2.5	0			
13					0	0	2.3	2.4	0			
14					0	3.8	2.7	2.5	0			
15					0	4.9	1.9	3.1	0			
16					0	3.2	1.7	2.7	0			
17					0	3.4	1.7	2.2	0			
18					0	3.2e	1.7	2.0	0			
19					0	3.1e	1.3	2.3	0			
20					0	2.9e	.78	2.5	0			
21					0	2.8e	1.1	2.9	0			
22					0	2.6e	1.3	2.3	0			
23					0	2.5	1.4	1.9	0			
24					0	2.3	1.7	1.7	0			
25					0	2.3	1.4	1.4	0			
26					0	2.2	.98	1.6	0			
27					0	2.5	.24	1.2	0			
28					0	2.3	.18	.82	0			
29		-----			0	2.6	.30	.59	0			
30		-----			0	2.4	1.2	1.1	0			
31		-----		-----	0	-----	1.6	1.3	-----		-----	
TOTAL					0	49.0	48.38	59.81	6.08			
MEAN					0	1.63	1.56	1.93	.20			
MAX					0	4.9	2.7	3.1	1.2			
MIN					0	0	.18	.59	0			
AC-FT					0	97	96	119	12			
YEAR 1993	MAX	4.9	MIN	0	AC-FT	324						

NORTH PLATTE RIVER BASIN

LISCO CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	11	35	46	26	15		
2					0	46	44	45	20	17		
3					0	0	59	53	33	14		
4					0	16	43	47	39	11		
5					0	26	47	47	37	10		
6					0	28	47	46	31	8.0		
7					0	27	42	51	29	5.1		
8					0	37	43	51	34	11		
9					0	24	56	45	32	12		
10					0	25	48	40	29	9.2		
11					0	26	43	46	28	7.9		
12					0	31	45	46	26	5.6		
13					0	29	45	51	28	0		
14					0	25	47	48	41	0		
15					0	13	41	48	45	0		
16					0	4.8	39	41	41	0		
17					0	33	29	43	39	0		
18					0	48	34	39	47	0		
19					0	25	34	32	55	0		
20					0	40	41	35	37	0		
21					0	41	41	56	24	0		
22					0	37	48	56	15	0		
23					0	36	45	36	13	0		
24					0	39	62	35	15	0		
25					0	49	61	37	11	0		
26					0	60	47	19	11	0		
27					23	48	43	32	10	0		
28					47	56	45	42	11	0		
29		-----			39	44	44	39	13	0		
30		-----			39	34	39	33	13	0		
31		-----		-----	41	-----	39	30	-----	0	-----	
TOTAL					189	958.8	1,376	1,315	833	125.8		
MEAN					6.10	32.0	44.4	42.4	27.8	4.06		
MAX					47	60	62	56	55	17		
MIN					0	0	29	19	10	0		
AC-FT					375	1,900	2,730	2,610	1,650	250		
YEAR 1993	MAX	62	MIN	0	AC-FT	9,520						

NORTH PLATTE RIVER BASIN

MIDLAND-OVERLAND CANAL from North Platte River - 1993

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	12	6.4	4.1	4.0		
2					0	0	16	5.7	2.7	2.3		
3					0	0	22	12	1.5	.71		
4					0	0	22	11	1.0	0		
5					0	0	22	9.0	.90	0		
6					0	0	22	8.0	1.3	0		
7					0	0	25	7.5	1.5	0		
8					0	0	21	6.9	1.6	0		
9					0	0	17	15	1.3	0		
10					0	0	12	19	.97	0		
11					0	0	7.4	18	.48	0		
12					0	0	6.3	9.7	.09	0		
13					0	0	11	8.7	.05	0		
14					0	0	9.8a	13	.68	0		
15					0	0	8.6a	14	1.8	0		
16					0	0	7.4a	14	2.1	0		
17					0	0	6.2a	14	2.6	0		
18					0	0	5.0a	13	3.0	0		
19					0	0	3.8a	10	4.5	0		
20					0	0	2.9	8.8	5.8	0		
21					0	0	2.3	5.5	5.9	0		
22					0	0	1.9	6.3	4.7	0		
23					0	0	1.7	6.7	4.1	0		
24					0	0	1.6	7.0	4.1	0		
25					0	0	1.4	7.0	3.9	0		
26					0	.40	5.1	9.8	3.3	0		
27					0	2.1	4.7	7.2	3.5	0		
28					0	11	6.6	3.0	4.0	0		
29		-----			0	19	6.0	3.1	4.7	0		
30		-----			0	16	7.6	4.5	5.1	0		
31		-----		-----	0	-----	8.6	4.1	-----	0	-----	
TOTAL					0	48.50	306.9	287.9	81.27	7.01		
MEAN					0	1.62	9.90	9.29	2.71	.23		
MAX					0	19	25	19	5.9	4.0		
MIN					0	0	1.4	3.0	.05	0		
AC-FT					0	96	609	571	161	14		
YEAR 1993	MAX	25	MIN	0	AC-FT	1,450						

NORTH PLATTE RIVER BASIN

PAISLEY CANAL from Blue Creek - 1993

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	17	12	7.8	12		
2					0	0	9.5	13	7.6	6.2		
3					0	4.5	.54	13	7.6	6.8		
4					0	7.2	.50	13	7.4	6.8		
5					0	0	.57	12	7.8	8.9		
6					0	0	.72	9.3	7.9	11		
7					0	0	3.3	.21	9.0	11		
8					0	0	7.6	0	11	11 a		
9					0	0	11	4.1	10	8.0a		
10					0	0	11	11	9.7	8.0a		
11					0	0	10	10	9.5	8.0a		
12					0	0	9.6	0	9.4	7.0a		
13					0	0	10	8.3	9.9	7.0a		
14					0	0	12	11	10	9.0a		
15					0	0	14	12	10	8.0a		
16					0	0	14	9.7	9.9	6.0a		
17					0	0	6.7	3.4	9.9	6.0a		
18					0	0	0	4.6	10	6.0a		
19					0	0	.25	6.2	13	1.0a		
20					0	0	.84	6.6	12	0		
21					0	0	0	6.8	10	0		
22					0	0	0	2.8	11	0		
23					0	12	0	0	13	0		
24					0	17	0	0	14	0		
25					0	16	0	0	15	0		
26					0	16	0	6.0	15	0		
27					0	15	0	8.8	15	0		
28					0	16	0	8.8	15	0		
29		-----			0	16	8.4	7.8	15	0		
30		-----			0	16	12	8.5	15	0		
31		-----		-----	0	-----	12	8.1	-----	0	-----	
TOTAL					0	135.7	171.52	217.01	327.4	147.7		
MEAN					0	4.52	5.53	7.00	10.9	4.76		
MAX					0	17	17	13	15	12		
MIN					0	0	0	0	7.4	0		
AC-FT					0	269	340	430	649	293		

YEAR 1993 MAX 17 MIN 0 AC-FT 1,980

NORTH PLATTE RIVER BASIN

BLUE CREEK CANAL from Blue Creek & Crescent Lake - 1993

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.--Values represent water diverted for Blue Creek and Hooper Irrigation Districts

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	43	47	43	20		
2					0	0	45	47	43	23		
3					0	0	42	34	43	23		
4					0	0	44	33	43	23		
5					0	0	47	31	43	23		
6					0	0	47	28	44	23		
7					0	0	47	30	44	23		
8					0	0	44	21	37	10		
9					0	0	49	20	30	0		
10					0	0	50	20	28	0		
11					0	0	47	20	27	0		
12					0	0	47	20	26	0		
13					0	0	49	20	24	0		
14					0	0	52	20	23	0		
15					0	0	51	21	22	0		
16					0	0	51	33	21	0		
17					0	0	14	41	14	0		
18					0	0	0	44	6.4	0		
19					0	0	0	44	14	0		
20					0	0	0	44	11	0		
21					0	0	0	47	9.8	0		
22					0	0	0	54	7.5	0		
23					0	0	5.1	46	26	0		
24					0	0	21	44	29	0		
25					0	0	22	43	15	0		
26					0	0	21	38	15	0		
27					0	0	.06	32	14	0		
28					0	0	0	38	14	0		
29		-----			0	2.9	1.8	42	15	0		
30		-----			0	31	21	41	22	0		
31		-----		-----	0	-----	38	42	-----	0	-----	
TOTAL					0	33.9	898.96	1,085	753.7	168		
MEAN					0	1.13	29.0	35.0	25.1	5.42		
MAX					0	31	52	54	44	23		
MIN					0	0	0	20	6.4	0		
AC-FT					0	67	1,780	2,150	1,490	333		
YEAR 1993	MAX	54	MIN	0	AC-FT	5,830						

NORTH PLATTE RIVER BASIN

HOOPER CANAL from Blue Creek via Blue Creek Canal - 1993

LOCATION.--Sec. 7-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 4 ft. rectangular weir without end contractions

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	9.3 a	11	9.7			
2					0	0	10 a	11	9.6			
3					0	0	10 a	9.8	9.8			
4					0	0	10 a	9.6	10			
5					0	0	10 a	8.5	11			
6					0	0	10 a	5.9	10			
7					0	0	10 a	6.0	10			
8					0	0	10 a	1.7	9.5			
9					0	0	10 a	2.9	8.2			
10					0	0	10 a	6.7	7.7			
11					0	0	10 a	7.6	6.8			
12					0	0	10 a	7.4	0			
13					0	0	9.0 a	7.1	0			
14					0	0	8.0 a	6.9	0			
15					0	0	6.0 a	7.0	0			
16					0	0	5.0 a	9.8	0			
17					0	0	0	10	0			
18					0	0	0	10	0			
19					0	0	0	11	0			
20					0	0	0	11	0			
21					0	0	0	9.7	0			
22					0	0	0	9.2	0			
23					0	0	0	5.8	0			
24					0	0	2.7	3.9	0			
25					0	0	4.0	3.9	0			
26					0	0	3.5	4.7	0			
27					0	0	.12	7.2	0			
28					0	0	0	10	0			
29		-----			0	0	.07	11	0			
30		-----			0	5.0a	6.5	11	0			
31		-----		-----	0	-----	8.9	9.9	-----		-----	
TOTAL					0	5.0	173.09	247.2	102.3			
MEAN					0	.17	5.58	7.97	3.41			
MAX					0	5.0	10	11	11			
MIN					0	0	0	1.7	0			
AC-FT					0	9.9	343	490	203			

YEAR 1993 MAX 11 MIN 0 AC-FT 1,050

NORTH PLATTE RIVER BASIN

UNION CANAL from Blue Creek - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			0	0	0	0	6.7	9.6	5.9	3.1		
2			0	0	0	0	11	15	7.2	3.4		
3			0	0	0	0	15	16	9.7	3.4		
4			0	0	0	0	15	15	11	3.2		
5			0	0	0	0	14	14	6.0	2.9		
6			0	0	0	0	15	10	5.3	2.8		
7			0	0	0	0	16	9.5	5.8	1.1		
8			0	0	0	0	15	7.2	5.7	0		
9			0	0	0	0	14	7.5	7.1	0		
10			0	0	0	0	15	6.6	8.6	0		
11			0	0	0	0	14	4.1	7.9	0		
12			0	0	0	0	13	6.0	7.1	0		
13			0	0	0	0	8.9	6.7	5.5	0		
14			0	0	0	0	9.4	4.0	.66	0		
15			0	0	0	0	6.7	5.4	2.3	0		
16			0	0	0	0	2.4	10	3.4	0		
17			0	0	0	0	0	13	3.3	0		
18			0	0	0	0	0	14	3.7	0		
19			0	0	0	0	0	12	3.8	0		
20			0	0	0	0	0	8.8	3.6	0		
21			0	0	0	0	0	8.8	3.7	0		
22			0	0	0	0	0	9.1	4.2	0		
23			0	0	0	0	0	8.8	4.0	0		
24			0	0	0	0	0	8.3	5.6	0		
25			0	0	0	0	0	9.8	6.5	0		
26			0	0	0	0	6.9	12	5.0	0		
27			0	0	0	0	10	12	3.9	0		
28			0	0	0	0	10	11	3.8	0		
29		-----	0	0	0	0	6.9	10	3.6	0		
30		-----	0	0	0	0	.08	11	3.1	0		
31		-----	0	-----	0	-----	1.6	8.4	-----	0	-----	
TOTAL			0	0	0	0	226.58	303.6	156.96	19.9		
MEAN			0	0	0	0	7.31	9.79	5.23	.64		
MAX			0	0	0	0	16	16	11	3.4		
MIN			0	0	0	0	0	4.0	.66	0		
AC-FT			0	0	0	0	449	602	311	39		
YEAR 1993	MAX	16	MIN	0	AC-FT	1,400						

NORTH PLATTE RIVER BASIN

GRAF CANAL from Blue Creek - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	1.8	9.4			
2					0	0	1.8	3.2	9.3			
3					0	0	13	11	9.1			
4					0	0	10	12	8.9			
5					0	0	10	7.5	9.3			
6					0	0	10	7.9	9.7			
7					0	0	12	8.3	10			
8					0	0	11	8.6	10			
9					0	0	7.4	16	10			
10					0	0	9.0	8.3	10			
11					0	0	11	8.2	10			
12					0	0	7.6	8.6	10			
13					0	0	12	8.3	10			
14					0	0	11	8.3	10			
15					0	0	11	8.3	0			
16					0	0	12	7.8	0			
17					0	0	4.4	7.5	0			
18					0	0	2.0	7.1	0			
19					0	0	0	7.2	0			
20					0	0	0	7.5	0			
21					0	0	0	8.0	0			
22					0	0	0	9.6	0			
23					0	0	0	9.9	0			
24					0	0	0	9.8	0			
25					0	0	0	9.4	0			
26					0	0	5.2	10	0			
27					0	0	10	10	0			
28					0	0	10	9.7	0			
29		-----			0	0	3.7	9.3	0			
30		-----			0	0	0	9.3	0			
31		-----		-----	0	-----	0	9.3	-----		-----	
TOTAL					0	0	184.1	267.7	135.7			
MEAN					0	0	5.94	8.64	4.52			
MAX					0	0	13	16	10			
MIN					0	0	0	1.8	0			
AC-FT					0	0	365	531	269			
YEAR 1993	MAX	16	MIN	0	AC-FT	1,170						

NORTH PLATTE RIVER BASIN

BLUE CREEK near Lewellen - 1993

LOCATION.--NE1/4 Sec. 30-16-42 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1930 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 163 cubic feet per second on May 6 at gage height 4.10 feet.
Maximum gage height 5.61 feet February 13, backwater from ice.
Minimum daily discharge 0.12 cubic feet per second on July 9.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	84e	97	84	93	86	82	10	26	17	26	80	102e
2	86e	99	85	94	83	82	3.2	10	16	34	79	101
3	92e	101	86	93	84	88	2.6	14	12	34	80	100
4	96e	101	90	91	84	95	3.2	14	8.3	35	82	98
5	94e	100	92	90	85	94	1.9	15	13	34	81	98
6	92e	99	96	90	131	92	.98	23	19	31	83	98
7	90e	100	108	98	149	87	1.6	32	25	31	85	96
8	88e	100	106	97	120	85	2.0	41	24	37	87	95
9	84e	101	100	93	98	82	.12	42	31	51	87	95
10	84e	96e	90	91	89	81	1.9	38	32	52	88	95
11	82e	90e	87	89	87	81	4.6	35	32	50	90	94
12	80e	88e	84	87	85	82	.29	44	30	49	96	93
13	80e	88e	82	103	86	85	1.7	40	31	49	102	92
14	80e	88e	82	111	84	82	2.0	36	37	47	99	89
15	82e	90	87	100	84	80	1.2	36	46	47	97	88
16	84e	81	88	94	83	79	3.9	26	47	48	96	90
17	84e	88	83	91	81	79	78	17	47	47	97	90
18	86e	97	81	90	81	83	110	8.9	53	47	98	91
19	86e	105	83	90	81	86	99	7.0	63	50	95	97
20	86e	94	96	88	81	86	116	11	65	54	94	110
21	88e	91	94	88	82	84	101	5.5	63	71	97	97
22	92e	90	91	87	86	81	98	12	62	82	98	96
23	94e	86	89	87	84	73	94	22	50	84	99	88
24	94e	94	89	84	83	65	81	15	35	84	100e	92
25	94e	95	90	83	82	64	79	7.4	42	82	100e	87
26	96e	94	90	85	82	64	67	20	46	81	100e	91
27	96e	103	89	85	82	63	89	28	46	78	102e	90
28	96e	85	95	93	84	61	93	21	46	81	102e	89
29	95	-----	124	97	85	52	81	16	38	84	100e	86
30	98	-----	109	91	85	38	67	15	27	82	102e	87
31	99	-----	99	-----	83	-----	46	14	-----	80	-----	86
TOTAL	2,762	2,641	2,849	2,753	2,760	2,336	1,340.19	691.8	1,103.3	1,742	2,796	2,901
MEAN	89.1	94.3	91.9	91.8	89.0	77.9	43.2	22.3	36.8	56.2	93.2	93.6
MAX	99	105	124	111	149	95	116	44	65	84	102	110
MIN	80	81	81	83	81	38	.12	5.5	8.3	26	79	86
AC-FT	5,480	5,240	5,650	5,460	5,470	4,630	2,660	1,370	2,190	3,460	5,550	5,750
YEAR 1993	TOTAL	26,675.29	MEAN	73.1	MAX	149	MIN	.12	AC-FT	52,910		

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Lewellen - 1993

LOCATION.--SE1/4NW1/4 Sec. 34-16-42 W.

GAGE.--Continuous stage recorder

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

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991
e = Estimated dischargeEXTREMES FOR CURRENT YEAR.--Peak discharge 2410 cubic feet per second on August 24 at gage height 6.24.
Minimum daily discharge 351 cubic feet per second on July 14.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	860e	1,100e	1,140e	1,080	933	584	590	931	1,350	1,670	1,350e	1,600e
2	860e	1,100e	1,180e	1,060	888	627	522	859	1,280	1,680	1,300e	1,750e
3	880e	1,120e	1,200e	1,030	857	733	434	864	1,180	1,690	1,320	1,700e
4	880e	1,120e	1,250e	1,040	837	905	387	863	1,070	1,620	1,310	1,600e
5	880e	1,120e	1,300e	1,030	843	1,110	407	893	1,040	1,540	1,300	1,400e
6	900e	1,200e	1,300e	1,010	1,190	1,410	442	1,080	1,140	1,470	1,300	1,350e
7	900e	1,200e	1,350e	1,090	1,250	1,400	468	1,110	1,290	1,440	1,300e	1,300e
8	900e	1,200e	1,300e	1,080	1,020	1,290	507	1,160	1,340	1,600	1,310e	1,300e
9	920e	1,200e	1,350e	1,000	927	1,410	486	1,170	1,390	1,730	1,320e	1,300e
10	920e	1,250e	1,350e	937	827	1,450	472	1,120	1,420	1,670	1,330e	1,300e
11	900e	1,250e	1,300e	899	785	1,210	458	1,040	1,420	1,640	1,340e	1,320
12	880e	1,000e	1,300e	878	770	1,180	401	944	1,410	1,600	1,490	1,300
13	860e	900e	1,250e	1,040	722	1,210	359	860	1,400	1,570	1,690	1,240
14	900e	900e	1,210	1,200	700	1,100	351	810	1,500	1,600	1,630	1,150
15	940e	800e	1,220	1,160	658	991	372	840	1,680	1,580	1,580	1,130
16	960e	600e	1,210	1,090	618	913	370	905	1,770	1,530	1,520	1,160
17	1,000e	520e	1,190	1,060	563	851	561	875	1,770	1,510	1,530	1,200
18	1,040e	560e	1,220	1,030	543	1,030	632	844	1,840	1,560	1,520	1,000e
19	1,060e	600e	1,240	1,010	547	1,300	578	800	2,260	1,560	1,490	1,100e
20	1,080e	700e	1,240	997	522	1,350	839	760	2,220	1,560	1,420	1,100e
21	1,100e	740e	1,250	983	632	1,210	652	729	2,050	1,570	1,400	1,100e
22	1,100e	760e	1,230	983	815	1,000	596	999	1,870	1,590	1,400	1,100e
23	1,120e	780e	1,210	967	893	974	595	1,800	1,690	1,600e	1,400	1,200e
24	1,100e	720e	1,200	950	804	930	628	2,340	1,640	1,600e	1,040	1,200e
25	1,120e	740e	1,190	933	771	904	761	2,130	1,760	1,600e	1,050	1,250e
26	1,140e	780e	1,150	922	754	941	1,180	2,060	1,670	1,550e	1,150e	1,250e
27	1,160e	800e	1,130	920	712	876	1,500	1,880	1,670	1,550e	1,150e	1,250e
28	1,180e	900e	1,190	1,010	694	843	1,450	1,690	1,690	1,500e	1,300e	1,300e
29	1,160e	-----	1,350	1,080	651	776	1,400	1,620	1,700	1,500e	1,400e	1,350e
30	1,140e	-----	1,240	981	599	681	1,240	1,550	1,700	1,450e	1,450e	1,350e
31	1,120e	-----	1,150	-----	567	-----	1,070	1,440	-----	1,400e	-----	1,350e
TOTAL	30,960	25,660	38,390	30,450	23,892	31,189	20,708	36,966	47,210	48,730	41,090	40,000
MEAN	999	916	1,238	1,015	771	1,040	668	1,192	1,574	1,572	1,370	1,290
MAX	1,180	1,250	1,350	1,200	1,250	1,450	1,500	2,340	2,260	1,730	1,690	1,750
MIN	860	520	1,130	878	522	584	351	729	1,040	1,400	1,040	1,000
AC-FT	61,410	50,900	76,150	60,400	47,390	61,860	41,070	73,320	93,640	96,660	81,500	79,340
YEAR 1993	TOTAL	415,245	MEAN	1,138	MAX	2,340	MIN	351	AC-FT	823,600		

NORTH PLATTE RIVER BASIN

KINGSLEY RESERVOIR from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,084,700	1,118,400	1,157,200	1,235,000	1,291,200	1,308,600	1,316,100	1,266,600	1,286,200	1,333,800	1,382,600	1,400,900
2	1,084,700	1,120,600	1,159,500	1,235,000	1,291,200	1,306,100	1,313,600	1,266,600	1,286,200	1,336,300	1,385,200	1,403,600
3	1,086,900	1,122,900	1,161,900	1,237,400	1,291,200	1,308,600	1,311,100	1,266,600	1,286,200	1,338,800	1,387,800	1,403,600
4	1,086,900	1,125,200	1,164,200	1,239,900	1,291,200	1,308,600	1,306,100	1,266,600	1,286,200	1,341,400	1,387,800	1,406,200
5	1,086,900	1,127,500	1,166,500	1,239,900	1,293,700	1,308,600	1,301,100	1,266,600	1,286,200	1,346,500	1,387,800	1,406,200
6	1,086,900	1,129,700	1,168,800	1,242,300	1,298,600	1,311,100	1,298,600	1,266,600	1,286,200	1,346,500	1,387,800	1,408,800
7	1,086,900	1,132,000	1,173,500	1,244,700	1,303,600	1,313,600	1,296,100	1,269,000	1,286,200	1,349,000	1,387,800	1,408,800
8	1,089,100	1,134,300	1,175,800	1,247,100	1,303,600	1,313,600	1,293,700	1,269,000	1,288,700	1,351,600	1,390,500	1,411,500
9	1,089,100	1,134,300	1,178,100	1,249,500	1,303,600	1,313,600	1,291,200	1,271,500	1,288,700	1,354,200	1,390,500	1,411,500
10	1,089,100	1,136,600	1,182,800	1,249,500	1,306,100	1,316,100	1,288,700	1,271,500	1,288,700	1,356,700	1,390,500	1,411,500
11	1,091,400	1,138,900	1,185,200	1,251,900	1,306,100	1,316,100	1,286,200	1,271,500	1,291,200	1,359,300	1,390,500	1,414,200
12	1,091,400	1,138,900	1,187,500	1,254,400	1,306,100	1,318,600	1,283,800	1,269,000	1,291,200	1,361,900	1,393,100	1,414,200
13	1,091,400	1,141,200	1,192,200	1,256,800	1,308,600	1,318,600	1,281,300	1,269,000	1,293,700	1,364,500	1,395,700	1,414,200
14	1,091,400	1,143,400	1,194,600	1,259,300	1,308,600	1,318,600	1,278,800	1,269,000	1,293,700	1,367,100	1,398,300	1,414,200
15	1,093,600	1,143,400	1,194,600	1,261,700	1,308,600	1,321,100	1,276,400	1,269,000	1,296,100	1,367,100	1,398,300	1,414,200
16	1,093,600	1,143,400	1,196,900	1,264,100	1,308,600	1,321,100	1,273,900	1,269,000	1,298,600	1,369,600	1,400,900	1,416,800
17	1,095,900	1,143,400	1,201,600	1,266,600	1,308,600	1,321,100	1,271,500	1,269,000	1,301,100	1,372,200	1,400,900	1,416,800
18	1,095,900	1,143,400	1,204,000	1,269,000	1,311,100	1,321,100	1,269,000	1,266,600	1,303,600	1,372,200	1,403,600	1,414,200
19	1,095,900	1,143,400	1,204,000	1,271,500	1,311,100	1,321,100	1,269,000	1,266,600	1,306,100	1,374,800	1,403,600	1,414,200
20	1,098,100	1,145,700	1,206,400	1,273,900	1,308,600	1,323,600	1,266,600	1,264,100	1,308,600	1,374,800	1,403,600	1,414,200
21	1,100,300	1,148,000	1,208,700	1,276,400	1,308,600	1,323,600	1,266,600	1,264,100	1,311,100	1,377,400	1,403,600	1,414,200
22	1,100,300	1,148,000	1,211,100	1,276,400	1,311,100	1,323,600	1,266,600	1,264,100	1,313,600	1,377,400	1,403,600	1,414,200
23	1,102,600	1,150,300	1,213,500	1,278,800	1,311,100	1,326,100	1,264,100	1,266,600	1,316,100	1,377,400	1,406,200	1,414,200
24	1,104,800	1,150,300	1,215,900	1,281,300	1,311,100	1,326,100	1,264,100	1,269,000	1,318,600	1,380,000	1,406,200	1,414,200
25	1,104,800	1,152,600	1,218,300	1,281,300	1,311,100	1,323,600	1,261,700	1,271,500	1,321,100	1,380,000	1,406,200	1,414,200
26	1,107,100	1,152,600	1,220,600	1,283,800	1,311,100	1,323,600	1,264,100	1,273,900	1,321,100	1,380,000	1,403,600	1,414,200
27	1,109,300	1,154,900	1,223,000	1,283,800	1,311,100	1,321,100	1,266,600	1,276,400	1,323,600	1,382,600	1,400,900	1,416,800
28	1,111,600	1,157,200	1,225,400	1,286,200	1,311,100	1,321,100	1,266,600	1,278,800	1,326,100	1,382,600	1,400,900	1,416,800
29	1,113,800	-----	1,227,800	1,286,200	1,311,100	1,321,100	1,266,600	1,281,300	1,328,700	1,382,600	1,400,900	1,419,400
30	1,116,100	-----	1,230,200	1,288,700	1,308,600	1,318,600	1,266,600	1,283,800	1,331,200	1,382,600	1,400,900	1,419,400
31	1,116,100	-----	1,232,600	-----	1,308,600	-----	1,266,600	1,283,800	-----	1,382,600	-----	1,419,400
MAX	1,116,100	1,157,200	1,232,600	1,288,700	1,311,100	1,326,100	1,316,100	1,283,800	1,331,200	1,382,600	1,406,200	1,419,400
MIN	1,084,700	1,118,400	1,157,200	1,235,000	1,291,200	1,306,100	1,261,700	1,264,100	1,286,200	1,333,800	1,382,600	1,400,900

YEAR 1993

MEAN 1,279,559

MAX 1,419,400

MIN 1,084,700

SUTHERLAND CANAL from North Platte River and Kingsley Reservoir - 1993

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.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	529	316	403	245	352	650	862	815	521	374	545	920
2	527	314	318	241	347	650	909	816	524	370	523	896
3	527	316	312	55a	344	646	1,130	816	523	366	527	885
4	532	311	311	55a	346	657	1,350	818	520	365	532	884
5	536	306	302	56a	347	654	1,460	816	520	359	679	881
6	535	303	293	56a	357	651	1,490	814	523	357	812	886
7	513	306	292	50a	357	653	1,530	818	525	353	813	881
8	500	305	290	40a	347	655	1,530	765	525	382	817	878
9	499	304	286	25a	345	656	1,360	708	609	438	817	874
10	498	348	289	25a	344	651	1,170	709	641	434	813	872
11	498	383	288	25a	345	650	1,040	749	633	435	813	871
12	499	377	290	25a	343	659	1,040	1,000	624	431	813	867
13	503	381	288	25a	344	666	1,140	1,200	630	430	812	866
14	500	383	283	25a	340	767	1,140	987	626	424	815	868
15	497	389	267	40a	344	771	1,130	765	618	550	841	867
16	490	390	240	55a	345	770	1,130	710	613	683	908	866
17	489	409	243	55a	344	779	1,120	708	614	710	908	867
18	470	430	243	55a	346	783	1,120	712	611	747	905	866
19	387	440	235	55a	350	777	1,120	718	608	834	910	865
20	385	438	229	55a	490	776	1,060	721	599	938	911	865
21	369	439	231	55a	543	769	1,010	723	583	983	910	861
22	314	454	235	55a	545	779	985	678	557	1,010	917	864
23	309	471	229	134a	641	922	977	528	419	1,020	928	842
24	313	505	226	209	651	1,090	829	522	399	1,020	934	765
25	316	505	222	193	649	1,100	797	519	395	1,020	937	763
26	312	467	224	183	647	1,100	818	523	390	1,020	935	761
27	315	428	225	211	647	1,060	817	524	396	1,020	931	760
28	314	426	227	186	651	1,020	814	522	391	1,030	927	736
29	319	-----	235	375	652	827	812	519	384	1,030	931	709
30	314	-----	246	345	651	815	810	527	376	857	933	705
31	317	-----	244	-----	649	-----	810	524	-----	658	-----	706
TOTAL	13,426	10,844	8,246	3,209	14,003	23,403	33,310	22,274	15,897	20,648	24,797	25,997
MEAN	433	387	266	107	452	780	1,075	719	530	666	827	839
MAX	536	505	403	375	652	1,100	1,530	1,200	641	1,030	937	920
MIN	309	303	222	25	340	646	797	519	376	353	523	705
AC-FT	26,630	21,510	16,360	6,370	27,770	46,420	66,070	44,180	31,530	40,960	49,180	51,570
YEAR 1993	MAX	1,530	MIN	25	AC-FT	428,500						

NORTH PLATTE RIVER BASIN

WHITE TAIL CREEK near Keystone - 1993

LOCATION.--NE1/4 Sec. 1-14-38 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1993 - present

REMARKS.--a = estimated discharge - no gage height data
 Station established April 23,1993 - data prior to this is estimated

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	28	28	30	28	29	26	28	27	25	21	25a	30a
2	28	28	29	29	31	26	28	29	23	22	25a	30a
3	28	28	29	29	33	32	26	29	23	21	25a	30a
4	28	28	29	29	35	29	23	27	24	22	25a	29a
5	28	28	29	29	38	27	24	42	26	24	25a	29a
6	28	29	28	29	42	27	25	25	30	26	25a	28a
7	27	29	28	29	35	28	28	26	33	28	25a	28a
8	27	29	28	29	30	25	28	41	33	41	26a	28a
9	27	29	28	29	28	25	26	28	27	27	26a	24
10	26	29	28	29	28	25	26	25	26	26	26a	25
11	26	30	28	29	28	26	25	25	27	25	27a	25
12	26	30	28	28	28	28	26	25	27	25	27a	25
13	26	30	28	28	29	28	25	23	27	26	28a	25
14	25	31	28	28	28	27	25	24	29	26	28a	25
15	25	31	28	28	27	28	23	22	27	26	28a	25
16	25	31	28	28	27	27	23	24	26	26	29a	26
17	25	31	27	28	26	28	24	21	26	26	29a	25
18	25	32	27	27	27	42	26	24	27	27	30a	25
19	25	32	27	27	27	29	26	25	29	27	30a	25
20	25	32	27	27	26	26	28	24	26	26	30	24
21	25	32	27	27	25	25	25	22	25	25	27	24
22	26	32	27	27	29	27	28	23	23	26	26	23
23	26	32	27	27	32	27	29	19	22	26	27a	23
24	26	31	27	27	28	28	28	17	23	26	28a	26
25	26	31	27	27	28	25	26	16	22	26	28a	25
26	27	31	27	27	28	26	28	17	22	25	29a	25
27	27	31	28	27	27	26	37	18	21	25a	29a	24
28	27	31	28	27	31	26	27	19	22	25a	29a	24
29	28	-----	28	28	31	26	26	21	22	25a	29a	24
30	28	-----	28	28	27	24	28	23	23	25a	30a	25
31	28	-----	28	-----	26	-----	26	24	-----	25a	-----	25
TOTAL	822	846	864	839	914	819	821	755	766	797	821	799
MEAN	26.5	30.2	27.9	28.0	29.5	27.3	26.5	24.4	25.5	25.7	27.4	25.8
MAX	28	32	30	29	42	42	37	42	33	41	30	30
MIN	25	28	27	27	25	24	23	16	21	21	25	23
AC-FT	1,630	1,680	1,710	1,660	1,810	1,620	1,630	1,500	1,520	1,580	1,630	1,580
YEAR 1993	MAX	42	MIN	16	AC-FT	19,560						

NORTH PLATTE RIVER BASIN

KEITH - LINCOLN COUNTY CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	2.5	27	47	66	59	22		
2				0	2.4	27	48	65	68	21		
3				0	2.4	27	53	67	77	16		
4				0	3.1	28	62	57	76	4.0		
5				0	3.5	29	78	0	66	.43		
6				0	2.5	28	78	0	56	0		
7				0	1.3	29	83	0	56	0		
8				0	.42	28	90	9.6	48	0		
9				0	.06	26	90	54	38	0		
10				0	0	27	90	54	37	0		
11				0	0	27	90	55	37	0		
12				0	0	28	90	55	37	0		
13				0	0	27	96	53	36	0		
14				0	0	25	102	53	31	0		
15				0	0	24	96	68	21	0		
16				0	9.5	23	90	84	21	0		
17				0	32	22	87	84	21	0		
18				0	0	20	86	80	18	0		
19				0	6.2	21	87	73	16	0		
20				0	15	22	54	63	14	0		
21				0	27	23	0	61	12	0		
22				0	24	24	0	3.9	9.2	0		
23				0	27	24	0	.86	4.3	0		
24				0	26	20	0	0	0	0		
25				0	26	4.4	0	43	0	0		
26				0	26	2.1	0	45	0	0		
27				0	26	0	19	39	0	0		
28				0	27	0	35	36	0	0		
29		-----		1.6	27	0	33	44	0	0		
30		-----		2.8	27	8.9	54	67	22	0		
31		-----		-----	26	-----	68	59	-----	0	-----	
TOTAL				4.4	369.88	621.4	1,806	1,439.36	880.5	63.43		
MEAN				.15	11.9	20.7	58.3	46.4	29.4	2.05		
MAX				2.8	32	29	102	84	77	22		
MIN				0	0	0	0	0	0	0		
AC-FT				8.7	734	1,230	3,580	2,850	1,750	126		
YEAR 1993	MAX	102	MIN	0	AC-FT	10,280						

NORTH PLATTE RIVER BASIN

NORTH PLATTE CANAL from North Platte River - 1993

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	89	95	192	107	22a		
2					0	89	98	225	150	0		
3					0	91	103	199	186	0		
4					0	90	117	164	195	0		
5					0	89	125	102	198	0		
6					0	87	138	93	201	0		
7					0	85	175	88	187	0		
8					0	85	208	84	149	0		
9					0	98	214	75	104	0		
10					67	96	233	72	98	0		
11					54	103	236	73	97	0		
12					41	106	225	100	96	0		
13					42	109	236	125	78	0		
14					39	69	255	158	65	0		
15					18	4.4	258	203	28	0		
16					40	4.8	236	238	17	0		
17					46	5.2	235	244	3.3	0		
18					54	5.3	216	245	2.3	0		
19					56	4.4	197	245	0	0		
20					54	3.8	178	227	0	0		
21					57	3.3	148	206	0	0		
22					71	4.1	157	146	0	0		
23					81	3.6	131	85	0	0		
24					80	11	96	78	0	0		
25					80	48	81	69	0	0		
26					80	55	77	60	0	0		
27					86	67	60	65	25 a	0		
28					92	70	3.0	69	50 a	0		
29		-----			93	71	2.5	69	90 a	0		
30		-----			92	86	48	69	90 a	0		
31		-----		-----	91	-----	140	79	-----	0	-----	
TOTAL					1,414	1,732.9	4,721.5	4,147	2,216.6	22		
MEAN					45.6	57.8	152	134	73.9	.71		
MAX					93	109	258	245	201	22		
MIN					0	3.3	2.5	60	0	0		
AC-FT					2,800	3,440	9,370	8,230	4,400	44		
YEAR 1993	MAX	258	MIN	0	AC-FT	28,270						

NORTH PLATTE RIVER BASIN

PAXTON-HERSHEY CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	40	42	86	31			
2					0	38	44	97	50			
3					0	38	48	101	54			
4					0	39	55	97	54			
5					0	37	58	73	54			
6					0	32	64	70	55			
7					0	28	71	67	61			
8					0	23	83	65	65			
9					0	14	94	60	58			
10					0	16	97	50	45			
11					0	19	99	52	39			
12					4.5	25	100	58	32			
13					33	27	102	73	27			
14					42	30	102	74	27			
15					43	34	102	79	27			
16					37	37	99	88	25			
17					15	38	98	95	22			
18					24	39	92	97	18			
19					27	38	90	99	16			
20					21	34	90	95	14			
21					35	33	88	88	12			
22					41	35	83	48	9.2			
23					45	39	77	12	4.3			
24					52	39	74	11	0			
25					52	37	70	2.0	0			
26					52	37	68	11	0			
27					51	35	70	21	0			
28					51	37	61	19	0			
29		-----			51	39	58	18	0			
30		-----			50	40	55	13	0			
31		-----		-----	45	-----	70	13	-----		-----	
TOTAL					771.5	997	2,404	1,832.0	799.5			
MEAN					24.9	33.2	77.5	59.1	26.7			
MAX					52	40	102	101	65			
MIN					0	14	42	2.0	0			
AC-FT					1,530	1,980	4,770	3,630	1,590			
YEAR 1993	MAX	102	MIN	0	AC-FT	13,500						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Sutherland - 1993

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, partial year record.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Operated during irrigation season only starting in 1993.
a = estimated discharge - no gage height data
Station operated 5 months, May - September. Summary values for this period only.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					125a	170a	256	152	68			
2					125a	165a	317	200	82			
3					125a	165a	546	313	95			
4					125a	160a	859	312	98			
5					125a	120a	921	579	116			
6					122a	100a	674	301	131			
7					122a	90a	569	159	152			
8					122a	85a	418	243	186			
9					122a	82	242	178	175			
10					110a	76	146	115	147			
11					72a	83	130	101	135			
12					78a	102	109	93	128			
13					80a	124	117	118	148			
14					100a	129	120	105	164			
15					110a	194	139	138	152			
16					74a	178	157	151	149			
17					74a	175a	191	128	117			
18					80a	150a	263	144	107			
19					80a	100a	217	162	108			
20					90a	80a	283	178	105			
21					100a	90a	236	209	96			
22					125a	127	213	763	88			
23					150a	236	190	556	58			
24					160a	274	206	290	46			
25					160a	181	186	172	38			
26					160a	150	156	126	33			
27					160a	115	188	99	16a			
28					160a	125	207	87	16a			
29		-----			160a	161	186	79	15a			
30		-----			165a	208	148	69	15a			
31		-----		-----	175a	-----	143	63	-----			
TOTAL					3,736	4,195	8,733	6,383	2,984			
MEAN					121	140	282	206	99.5			
MAX					175	274	921	763	186			
MIN					72	76	109	63	15			
AC-FT					7,410	8,320	17,320	12,660	5,920			
YEAR 1993	MAX	921	MIN	15	AC-FT	51,630						

NORTH PLATTE RIVER BASIN

BIRDWOOD CANAL from Birdwood Creek - 1993

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	13	30	17	12		
2					0	0	13	27	21	12		
3					0	0	13	21	28	10		
4					0	0	13	15	33	10		
5					0	0	13	15	36	11		
6					0	0	13	12	38	11		
7					0	0	14	6.6	34	10 a		
8					0	0	16	7.5	29	9.0a		
9					0	0	16	7.0	25	8.0a		
10					0	0	14	6.7	25	7.0a		
11					0	0	15	7.1	29	6.0a		
12					0	12	15	7.2	33	5.0a		
13					0	18	15	11	34	4.0a		
14					0	15	18	13	23	2.8a		
15					0	15	21	16	9.9	1.2		
16					0	16	21	19	10	2.2		
17					0	19	21	22	11	4.5		
18					0	14	21	23	11	4.5		
19					0	8.7	19	23	12	4.9		
20					0	6.9	22	24	12	4.5		
21					0	8.4	22	23	12	3.7		
22					0	12	18	23	12	3.3		
23					0	18	15	17	12	1.2		
24					0	25	16	17	12	0		
25					0	24	15	17	12	0		
26					0	22	15	17	12	0		
27					0	22	16	17	12	0		
28					0	21	15	18	12	0		
29		-----			0	24	13	18	11	0		
30		-----			0	22	13	17	11	0		
31		-----		-----	0	-----	18	17	-----	0	-----	
TOTAL					0	323.0	502	514.1	588.9	147.8		
MEAN					0	10.8	16.2	16.6	19.6	4.77		
MAX					0	25	22	30	38	12		
MIN					0	0	13	6.6	9.9	0		
AC-FT					0	641	996	1,020	1,170	293		
YEAR 1993	MAX	38	MIN	0	AC-FT	4,120						

NORTH PLATTE RIVER BASIN

BIRDWOOD CREEK near Hershey - 1993

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--May 1931 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 207 cubic feet per second on March 8 at gage height 1.50 feet.
Maximum gage height 4.34 feet on January 10, backwater from ice.
Minimum daily discharge 125 cubic feet per second on September 3.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	154	169	180	155	158	156	138	136	129	141	154	160e
2	150e	168	183	155	152	156	139	148	130	141	149	155e
3	152e	166	179	162	154	163	137	151	125	142	153	160e
4	154e	168	183	155	152	168	134	142	127	141	159	165e
5	154e	170	182	155	153	162	135	170	129	143	144	165e
6	156e	170	186	158	164	162	134	154	130	143	143	160e
7	157	169	190	163	168	164	140	151	136	143	152	160e
8	156	169	190	153	159	161	158	160	139	170	157	160
9	140e	169	189	154	153	157	153	148	133	146	156	165
10	150e	170	179	153	150	157	137	142	129	152	152	165
11	155e	165e	173	149	152	155	141	141	130	154	158	163
12	155e	165e	170	154	157	152	137	141	132	151	171	167
13	155e	165e	167	163	153	148	138	135	135	153	159	166
14	155e	165e	169	158	153	143	133	135	136	153	159	160
15	150e	160e	176	154	154	140	129	131	138	156	160	161
16	150e	160e	179	152	156	140	130	134	137	156	162	164
17	150e	160e	164	157	155	150	135	127	138	159	161	163
18	150e	170e	164	156	148	171	136	130	141	158	161	159
19	150e	175e	166	164	149	163	128	131	141	156	160	160
20	150e	176	180	150	146	149	150	127	137	152	156	159
21	150e	172	173	158	147	144	143	131	135	150	160	158
22	150e	174	166	159	157	143	140	161	134	149	160	157
23	152	171	167	162	165	148	140	141	134	152	159	159
24	148	177	171	156	147	170	144	133	134	155	160e	158e
25	149	178	171	154	147	144	137	131	138	153	155e	159
26	163	179	172	153	149	139	139	132	139	148	160e	161
27	160	177	169	156	150	139	155	131	138	146	165e	160
28	168	177	175	156	159	137	143	132	137	152	160e	155
29	154	-----	184	163	160	137	138	132	139	145	155e	156
30	155	-----	169	170	159	138	139	131	140	132	160e	159
31	168	-----	163	-----	154	-----	138	128	-----	142	-----	161
TOTAL	4,760	4,754	5,429	4,707	4,780	4,556	4,318	4,317	4,040	4,634	4,720	4,980
MEAN	154	170	175	157	154	152	139	139	135	149	157	161
MAX	168	179	190	170	168	171	158	170	141	170	171	167
MIN	140	160	163	149	146	137	128	127	125	132	143	155
AC-FT	9,440	9,430	10,770	9,340	9,480	9,040	8,560	8,560	8,010	9,190	9,360	9,880
YEAR 1993	MAX	190	MIN	125	AC-FT	111,100						

NORTH PLATTE RIVER BASIN

SUBURBAN CANAL from North Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	39	37	71	59			
2					0	38	38	77	77			
3					0	38	39	77	77			
4					0	40	41	77	63			
5					0	39	41	82	65			
6					0	37	39	77	67			
7					0	36	40	71	65			
8					0	35	50	75	64			
9					0	33	55	67	62			
10					0	33	52	59	50			
11					0	17	50	61	47			
12					0	2.2	50	67	44			
13					0	.69	60	67	42			
14					0	0	70	64	44			
15					47	0	71	71	42			
16					59	.46	73	80	42			
17					56	2.9	84	80	39			
18					47	3.6	91	78	38			
19					40	2.5	85	81	39			
20					39	2.6	88	83	37			
21					40	2.1	92	83	33			
22					40	2.7	96	79	30			
23					41	2.7	95	56	17			
24					42	3.1	91	67	4.9			
25					42	2.6	77	62	8.3			
26					42	1.6	75	60	38			
27					41	.38	78	58	25			
28					41	8.2	76	57	2.1			
29		-----			42	34	69	57	.26			
30		-----			41	36	65	56	0			
31		-----		-----	39	-----	65	56	-----		-----	
TOTAL					739	493.33	2,033	2,156	1,221.56			
MEAN					23.8	16.4	65.6	69.5	40.7			
MAX					59	40	96	83	77			
MIN					0	0	37	56	0			
AC-FT					1,470	979	4,030	4,280	2,420			
YEAR 1993	MAX	96	MIN	0	AC-FT	13,180						

NORTH PLATTE RIVER BASIN

CODY-DILLON CANAL from North Platte River - 1993

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	2.0	2.6	5.8	13		
2					0	0	2.6	9.0	4.8	0		
3					0	0	5.0	8.3	4.8	0		
4					0	0	7.3	12	5.1	0		
5					0	0	9.4	20	4.8	0		
6					0	0	8.5	20	4.8	0		
7					0	0	8.8 a	7.9	4.8	0		
8					0	0	9.1	8.0	4.9	0		
9					0	0	6.1	8.4	5.2	0		
10					0	0	.05	2.0	5.2	0		
11					0	0	0	.94	4.9	0		
12					0	0	.88	3.3	3.1	0		
13					0	0	1.3	7.6	1.8	0		
14					0	0	3.1	7.4	2.0	0		
15					0	0	7.4	0	2.0	0		
16					0	0	7.5	1.7	2.0	0		
17					0	0	9.3	5.5	.79	0		
18					0	0	9.5	6.0	.13	0		
19					0	0	8.2	8.1	0	0		
20					0	0	9.0 a	8.4	0	0		
21					0	0	10	12	0	0		
22					0	0	9.8 a	28	0	0		
23					0	0	9.6	17	0	0		
24					0	0	7.4	16	0	0		
25					0	0	5.9	9.1	0	0		
26					0	0	4.3	6.2	0	0		
27					0	0	4.0	6.0	5.3	0		
28					0	0	2.6	6.0	12	0		
29		-----			0	0	.29	6.0	11	0		
30		-----			0	.07	0	6.0	12	0		
31		-----		-----	0	-----	0	6.0	-----	0	-----	
TOTAL					0	0.07	168.92	265.44	107.22	13		
MEAN					0	.002	5.45	8.56	3.57	.42		
MAX					0	.07	10	28	12	13		
MIN					0	0	0	0	0	0		
AC-FT					0	.1	335	527	213	26		
YEAR 1993	MAX	28	MIN	0	AC-FT	1,100						

NORTH PLATTE RIVER BASIN

LINCOLN COUNTY DRAIN NO. 1 at North Platte - 1993

LOCATION.--NE1/4NE1/4 Sec. 30-14-30 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - 1932, 1955 - present

REMARKS.--Station operated for 5 months, May thru September. 1993 summary data are for this period only.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					28	62	78	93	90			
2					27	61	79	95	88			
3					28	66	76	108	92			
4					28	70	74	95	94			
5					28	69	80	115	88			
6					28	67	69	115	92			
7					28	65	63	115	110			
8					28	56	70	113	136			
9					27	60	64	108	122			
10					31	58	67	106	108			
11					62	58	66	100	112			
12					52	62	69	87	113			
13					44	67	75	85	114			
14					44	62	77	89	108			
15					31	45	90	84	104			
16					36	40	98	79	77			
17					45	44	91	73	69			
18					38	57	109	77	67			
19					44	56	114	87	67			
20					50	54	116	87	65			
21					47	53	102	100	65			
22					46	54	125	147	64			
23					54	53	147	131	66			
24					54	54	123	120	102			
25					53	63	110	117	105			
26					51	74	107	106	94			
27					52	75	113	102	94			
28					59	70	93	104	92			
29		-----			62	70	77	106	88			
30		-----			63	66	74	104	91			
31		-----		-----	61	-----	108	92	-----		-----	
TOTAL					1,329	1,811	2,804	3,140	2,777			
MEAN					42.9	60.4	90.5	101	92.6			
MAX					63	75	147	147	136			
MIN					27	40	63	73	64			
AC-FT					2,640	3,590	5,560	6,230	5,510			
YEAR 1993	TOTAL	11,861	MEAN	77.5	MAX	147	MIN	27	AC-FT	23,530		

NORTH & SOUTH PLATTE RIVER BASIN

SUTHERLAND RESERVOIR from North and South Platte Rivers - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	48,900	49,800	47,300	37,300	45,900	48,300	61,800	56,400	42,800	44,700	41,000	40,500
2	48,900	50,100	47,000	36,900	46,200	48,400	60,500	56,400	42,000	45,000	40,400	41,100
3	48,800	50,500	46,900	36,600	46,300	48,800	59,400	56,400	41,400	45,200	40,000	42,200
4	48,600	50,700	46,600	36,300	46,300	49,100	58,500	56,600	40,800	45,300	39,400	43,700
5	48,700	50,900	46,400	36,300	46,300	49,400	58,300	56,400	40,300	45,600	39,000	44,500
6	49,000	51,200	46,500	36,600	46,600	49,600	58,600	56,500	39,800	45,500	38,900	44,700
7	49,200	51,500	46,200	36,800	47,100	50,200	58,900	56,600	38,800	45,900	38,700	44,600
8	49,300	51,700	46,800	37,000	47,500	50,500	60,000	56,600	38,500	46,100	38,600	44,400
9	49,100	51,500	47,100	37,300	47,800	51,000	60,500	56,300	38,200	45,700	38,400	44,400
10	49,000	51,800	47,400	37,500	48,000	51,300	60,700	55,600	37,900	45,500	38,400	44,200
11	49,100	51,200	47,300	37,800	48,100	51,300	60,200	54,100	37,900	45,300	38,400	43,900
12	48,400	51,000	47,100	38,300	48,100	51,500	59,900	52,800	37,400	44,800	38,400	43,800
13	48,800	50,600	47,100	39,000	48,200	51,500	59,600	52,600	37,300	44,600	38,300	43,500
14	48,800	50,300	47,300	39,600	48,000	51,900	59,000	53,100	37,200	43,800	38,200	43,400
15	49,200	49,800	46,500	40,100	47,700	52,200	58,600	53,200	36,800	42,400	38,000	43,200
16	49,300	49,700	46,200	40,200	47,500	52,700	58,000	52,600	36,600	42,000	38,200	43,000
17	48,900	49,200	45,900	40,400	47,200	53,300	57,500	52,300	36,500	41,600	38,100	42,700
18	49,200	48,900	44,800	40,700	47,000	53,900	57,600	51,700	36,500	41,300	38,100	42,200
19	49,800	48,700	44,400	41,500	46,900	54,600	57,900	50,900	36,300	41,100	37,900	41,700
20	49,800	48,400	44,000	42,100	46,800	55,100	57,700	50,100	36,700	40,900	37,900	41,300
21	49,800	48,200	43,600	42,600	46,800	55,600	57,800	50,200	37,400	40,800	37,900	40,800
22	49,700	47,900	42,800	43,300	47,000	55,700	57,500	49,900	38,200	40,800	37,800	40,700
23	49,600	47,800	42,200	43,900	47,100	56,400	57,800	49,300	38,900	40,800	38,100	40,600
24	49,500	47,900	41,800	44,600	47,200	57,500	57,900	48,500	39,800	40,700	38,300	40,400
25	49,600	48,000	41,100	44,900	47,200	58,900	57,600	47,800	40,800	40,900	38,100	40,600
26	49,600	48,200	40,400	45,200	47,400	60,300	57,700	47,200	41,600	40,900	38,000	40,800
27	49,700	47,500	39,800	45,200	47,700	61,500	57,500	46,500	42,300	40,900	38,500	41,300
28	49,500	47,200	39,300	45,200	47,800	62,300	57,200	45,700	43,200	41,100	38,800	41,400
29	49,400	-----	38,900	45,500	47,900	62,200	57,100	45,000	43,900	41,600	39,600	41,300
30	49,400	-----	38,100	45,700	48,000	62,100	56,900	44,300	44,300	41,700	40,100	41,400
31	49,600	-----	37,800	-----	48,200	-----	56,800	43,500	-----	41,400	-----	41,400
MAX	49,800	51,800	47,400	45,700	48,200	62,300	61,800	56,600	44,300	46,100	41,000	44,700
MIN	48,400	47,200	37,800	36,300	45,900	48,300	56,800	43,500	36,300	40,700	37,800	40,400
YEAR 1993			MEAN	46,560	MAX	62,300	MIN	36,300				

NORTH & SOUTH PLATTE RIVER BASIN

MALONEY RESERVOIR from North and South Platte Rivers - 1993

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 normal operating level	3006.0	19,450
Normal operating level	3005.0	17,800

DAILY CONTENTS IN ACRE-FEET FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17,800	17,800	17,800	17,500	17,600	17,600	17,600	17,600	17,800	17,600	17,800	18,000
2	17,800	17,800	18,000	17,500	17,600	17,600	17,600	17,800	17,600	17,600	17,800	18,000
3	17,800	17,800	18,000	17,600	17,600	17,600	17,800	18,500	17,600	17,800	17,800	18,000
4	17,800	17,800	18,000	17,800	17,600	17,800	17,500	18,500	17,600	17,800	17,600	18,000
5	17,800	18,000	18,000	17,800	17,600	17,800	17,600	18,300	17,600	17,800	17,600	18,000
6	17,800	17,800	18,000	17,600	17,600	17,800	17,800	18,300	17,600	17,800	17,500	18,000
7	17,800	17,800	18,000	17,500	17,600	17,600	17,800	18,300	17,600	18,100	17,500	18,000
8	18,000	17,800	17,800	17,500	17,600	17,600	18,000	18,300	17,600	18,100	17,300	17,800
9	18,000	17,800	17,800	17,500	17,600	17,600	18,000	18,300	17,500	18,100	17,300	17,800
10	18,000	18,000	17,800	17,500	17,600	17,600	17,800	17,800	17,500	18,000	17,300	17,800
11	18,000	18,100	17,800	17,500	17,600	17,600	17,600	17,600	17,500	17,800	17,300	17,800
12	17,600	18,100	17,600	17,500	17,600	17,800	17,600	17,600	17,500	17,800	17,500	17,800
13	17,600	18,100	17,600	17,500	17,500	18,000	17,600	17,800	17,500	17,800	17,500	17,800
14	17,800	18,100	17,600	17,500	17,500	18,000	17,800	17,800	17,600	18,000	17,500	17,800
15	17,800	18,100	17,600	17,500	17,500	18,000	17,600	17,600	17,600	17,800	17,500	17,600
16	17,800	18,100	17,800	17,300	17,500	18,000	17,600	17,600	17,800	17,800	17,500	17,600
17	17,600	18,000	17,800	17,500	17,500	18,100	18,000	17,600	17,800	17,800	17,500	17,600
18	17,600	18,000	17,800	17,500	17,500	18,100	18,000	17,500	17,800	17,800	17,500	17,600
19	17,600	17,800	17,800	17,600	17,500	18,100	18,000	17,500	17,800	18,000	17,600	17,600
20	17,600	17,800	17,800	17,600	17,600	18,000	17,800	17,500	17,800	18,000	17,600	17,600
21	17,600	17,600	17,800	17,600	17,600	18,000	18,000	17,800	17,800	18,000	17,600	17,600
22	17,600	17,600	17,800	17,500	17,600	18,000	18,000	18,000	17,800	17,800	17,600	17,600
23	17,600	17,800	17,800	17,500	17,600	18,300	18,000	18,000	17,600	17,800	17,600	17,600
24	17,500	17,800	17,800	17,500	17,600	18,100	17,800	17,800	17,600	17,800	18,000	17,800
25	17,500	17,800	17,800	17,500	17,600	18,000	17,800	17,800	17,500	17,800	17,800	18,000
26	17,500	17,800	17,800	17,500	17,600	17,800	17,800	17,600	17,500	17,800	17,600	18,000
27	17,500	17,800	17,800	17,500	17,600	17,800	17,600	17,600	17,500	17,800	17,600	18,000
28	17,600	17,800	17,800	17,500	17,800	17,800	17,600	17,600	17,500	17,800	17,800	18,000
29	17,600	-----	17,600	17,600	17,800	17,800	17,600	17,600	17,500	17,800	18,000	18,000
30	17,600	-----	17,600	17,600	17,800	17,800	17,600	17,600	17,600	17,800	18,000	17,800
31	17,800	-----	17,500	-----	17,600	-----	17,600	17,800	-----	17,800	-----	18,000
MAX	18,000	18,100	18,000	17,800	17,800	18,300	18,000	18,500	17,800	18,100	18,000	18,000
MIN	17,500	17,600	17,500	17,300	17,500	17,600	17,500	17,500	17,500	17,600	17,300	17,600
YEAR 1993			MEAN	17,740	MAX	18,500	MIN	17,300				

NORTH & SOUTH PLATTE RIVER BASIN

SUTHERLAND POWER RETURN to the South Platte River - 1993

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

GAGE.--Differential pressure recorder

PERIOD OF RECORD.--1939 - present

REMARKS.--Data furnished by NPPD

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	745	665	820	1,040	350	410	560	570	655	625	920	690
2	745	670	755	920	345	355	670	570	635	625	900	750
3	750	665	750	770	350	350	905	570	645	625	950	755
4	745	670	750	615	350	290	1,190	570	645	625	920	750
5	750	670	750	610	350	290	1,220	570	645	625	845	750
6	760	740	750	495	295	290	1,140	570	640	625	875	745
7	770	730	750	510	295	290	1,070	570	640	625	885	1,000
8	650	730	750	270	290	290	995	570	645	635	875	1,010
9	640	820	735	270	295	290	765	570	645	825	795	1,000
10	635	830	745	225	295	290	800	635	500	825	805	1,000
11	645	820	780	180	295	290	825	875	500	830	805	1,000
12	760	730	980	120	295	355	825	1,040	500	830	805	1,000
13	715	820	985	0	350	355	825	1,140	500	830	805	1,010
14	640	830	985	0	345	415	825	930	500	830	805	1,000
15	640	820	985	0	350	420	1,000	640	500	1,000	805	1,000
16	625	745	1,120	0	350	415	1,000	635	500	1,130	805	1,050
17	625	745	1,120	145	295	415	965	635	500	1,070	805	1,070
18	625	745	1,150	225	295	415	930	700	500	1,070	805	1,070
19	625	745	1,190	220	215	290	825	760	495	1,070	805	1,070
20	625	750	1,190	220	215	290	825	840	500	1,170	805	1,070
21	625	750	1,180	285	295	290	825	840	500	1,150	800	1,070
22	625	750	1,190	285	350	350	825	800	685	1,150	805	1,070
23	630	640	1,190	220	345	415	760	640	840	1,150	800	1,070
24	625	695	1,180	215	405	345	695	635	690	1,140	695	845
25	625	690	1,190	215	410	350	645	665	625	1,140	635	835
26	625	690	1,180	215	415	290	570	620	625	1,140	690	830
27	625	690	1,180	295	410	290	570	630	625	1,140	695	830
28	625	810	1,180	295	350	345	575	630	630	1,140	695	825
29	655	-----	1,190	300	350	415	570	630	625	940	665	985
30	690	-----	1,190	350	410	475	570	630	625	940	630	1,060
31	690	-----	1,190	-----	410	-----	570	645	-----	905	-----	1,070
TOTAL	20,755	20,655	31,080	9,510	10,370	10,370	25,335	21,325	17,760	28,425	23,930	29,280
MEAN	670	738	1,003	317	335	346	817	688	592	917	798	945
MAX	770	830	1,190	1,040	415	475	1,220	1,140	840	1,170	950	1,070
MIN	625	640	735	0	215	290	560	570	495	625	630	690
AC-FT	41,170	40,970	61,650	18,860	20,570	20,570	50,250	42,300	35,230	56,380	47,470	58,080
YEAR 1993	MAX	1,220	MIN	0	AC-FT	493,500						

SOUTH PLATTE RIVER BASIN

LOGEPOLE CREEK at Bushnell - 1993

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1931 - present (records for Mar. - Sep. 1931 at a site 1.5 miles upstream are not equivalent because of irrigation diversions. Monthly discharges only for some periods).

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					3.0	2.2	1.4	1.7	1.1			
2					3.2	2.2	1.2	1.7	1.1			
3					3.2	3.7	.89	3.4	1.1			
4					3.3	3.7	.79	2.1	1.2			
5					3.1	3.0	.88	2.3	1.5			
6					3.2	2.6	.91	2.1	2.2			
7					3.4	2.6	.87	2.2	2.1			
8					3.5	2.4	.85	2.0	1.9			
9					3.4	2.4	.79	2.0	1.8			
10					3.3	2.4	.74	2.1	1.5			
11					3.3	2.4	.77	2.2	1.4			
12					3.3	2.4	.73	2.1	1.3			
13					3.2	2.2	.76	2.1	1.8			
14					3.3	2.0	.81	1.9	2.2			
15					3.0	1.6	.98	8.9	2.2			
16					2.9	1.6	.83	2.3	2.2			
17					3.0	1.5	.75	2.1	2.3			
18					2.9	2.6	.53	2.2	3.2			
19					2.9	2.4	2.8	2.1	3.3			
20					2.8	2.3	17	1.7	2.8			
21					2.9	2.4	2.7	1.9	2.7			
22					2.8	2.3	1.8	1.9	2.7			
23					2.6	2.3	30	1.7	2.6			
24					2.5	2.2	50	1.3	2.8			
25					2.6	2.0	3.4	1.2	2.7			
26					2.4	1.7	2.9	1.3	2.7			
27					2.6	1.7	2.7	1.1	2.8			
28					2.7	1.7	2.5	1.1	2.9			
29		-----			2.4	1.5	2.2	1.1	3.0			
30		-----			2.2	1.6	2.1	1.1	3.0			
31		-----		-----	2.2	-----	1.8	.97	-----		-----	
TOTAL					91.1	67.6	137.38	63.87	66.1			
MEAN					2.94	2.25	4.43	2.06	2.20			
MAX					3.5	3.7	50	8.9	3.3			
MIN					2.2	1.5	.53	.97	1.1			
AC-FT					181	134	272	127	131			
YEAR 1993	MAX	50	MIN	.53	AC-FT	845						

SOUTH PLATTE RIVER BASIN

OLIVER RESERVOIR on Lodgepole Creek - 1993

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

Date	Contents (Acre-feet)
January 6, 1993	1,896
January 26, 1993	2,063
February 5, 1993	2,086
March 1, 1993	2,230
April 5, 1993	2,376
April 26, 1993	2,446
May 11, 1993	2,433
June 9, 1993	2,459
July 2, 1993	2,352
July 23, 1993	2,115
August 3, 1993	2,212
August 11, 1993	2,162
September 1, 1993	2,040
October 5, 1993	1,964
November 19, 1993	2,104
December 31, 1993	2,285

SOUTH PLATTE RIVER BASIN

LODGEPOLE CREEK below Oliver Reservoir - 1993

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

GAGE.--Continuous stage recorder

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					.24	.42	.48	.26	.14			
2					.27	.48	.51	.25	.09			
3					.30	.79	.54	1.0	.06			
4					.24	.57	.52	2.9	.07			
5					.24	.54	.48	1.9	.19			
6					.24	.54	.48	1.8	.22			
7					.18	.68	.48	1.9	.23			
8					.18	.64	.47	1.8	.25			
9					.18	.48	.42	1.7	.17			
10					.12	.48	.42	1.4	.12			
11					.12	.39	.39	1.5	.21			
12					.12	.36	.28	1.5	.19			
13					.13	.42	.23	1.5	.20			
14					.18	.42	.32	1.6	.21			
15					.19	.42	.30	1.6	.24			
16					.24	.44	.29	1.3	.22			
17					.24	.54	.25	1.3	.21			
18					.23	.48	.22	1.4	.26			
19					.24	.48	.19	1.5	.45			
20					.23	.48	.28	1.3	.41			
21					.36	.48	.14	1.1	.31			
22					.30	.48	.12	.82	.40			
23					.33	.46	.27	.07	.38			
24					.36	.42	.28	.05	.36			
25					.27	.46	.24	.08	.47			
26					.34	.48	.22	.15	.51			
27					.60	.48	.18	.16	.49			
28					.63	.48	.22	.17	.39			
29		-----			.51	.48	.20	.15	.51			
30		-----			.42	.48	.22	.15	.55			
31		-----		-----	.42	-----	.24	.09	-----		-----	
TOTAL					8.65	14.75	9.88	32.40	8.51			
MEAN					.28	.49	.32	1.05	.28			
MAX					.63	.79	.54	2.9	.55			
MIN					.12	.36	.12	.05	.06			
AC-FT					17	29	20	64	17			
YEAR 1993	MAX	2.9	MIN	.05	AC-FT	147						

SOUTH PLATTE RIVER BASIN

WESTERN CANAL from South Platte River - 1993

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1918 - present

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	48	26	58a	54	34	27	
2					0	50	19	66a	54	22	19	
3					0	53	26	70a	52	20	0	
4					0	45	34	76	52	0	0	
5					0	48	41	71	57	14	0	
6					0	56	49	72	61	35	0	
7					0	60	56	74	80	64	0	
8					0	49	57	80	92	56	0	
9					0	42	54	40a	94	42	0	
10					0	44	60	48	99	40	0	
11					0	54	64	61	154	50	0	
12					0	65	68	54	173	45	0	
13					0	65	71	51	136	40	0	
14					0	57	76	51	105	38	0	
15					0	72	75	54	79	38	0	
16					0	78	68	53	127	42	0	
17					0	65	57	45	8.0	44	0	
18					0	65	54a	47	76	45	0	
19					0	57	56a	42	29	49	0	
20					0	68	58a	43	0	52	0	
21					0	67	62a	48	0	50	0	
22					0	68	68a	65	0	53	0	
23					0	72	66a	71	52	64	0	
24					0	46	58a	58	68	55	0	
25					20	38	56a	51	46	47	0	
26					32	12	60a	49	25	39	0	
27					0	30a	60a	49	4.0	34	0	
28					0	45a	62a	53	15	33	0	
29		-----			0	30a	60a	56	34	31	0	
30		-----			32	30a	56a	56	48	28	0	
31		-----		-----	49	-----	64a	52	-----	27	-----	
TOTAL					133	1,579	1,741	1,764	1,874.0	1,231	46	
MEAN					4.29	52.6	56.2	56.9	62.5	39.7	1.53	
MAX					49	78	76	80	173	64	27	
MIN					0	12	19	40	0	0	0	
AC-FT					264	3,130	3,450	3,500	3,720	2,440	91	
YEAR 1993	MAX	173	MIN	0	AC-FT	16,600						

SOUTH PLATTE RIVER BASIN

SUTHERLAND (KORTY) CANAL from South Platte River - 1993

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.--s = discharges computed using submergence table
a = estimated discharge - no gage height data

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	435s	706s	655s	646	345	92	65	0	0	747	271	191
2	573s	689s	629s	579a	311	67	65	0	0	667	265	369
3	500s	659s	610s	559a	313	67	64	0	0	600	261	658
4	556s	659s	626s	549a	275	106	62	0	0	607	219	774
5	579s	672s	655s	526a	257	113	58	0	0	568	157	628
6	599s	697s	657s	509a	357	108	28	0	0	506	111	406
7	716s	706s	635s	509a	493	131	0	0	0	473	120	254
8	610s	701s	679s	512a	409	154	0	0	0	540	133	273
9	591s	675s	704s	491	315	162	0	0	0	505	113	291
10	561s	617s	810	440	249	148	0	0	0	440	112	249
11	571s	474s	852	408	214	106	0	0	0	408	95	222
12	525s	406s	896	384	197	110	0	0	0	381	95	239
13	588s	403s	917	415	180	168	0	0	0	369	94	217
14	605s	417s	898	455	151	189	0	0	0	340	94	230
15	613s	474s	884	479	132	152	0	0	0	304	93	234
16	618s	538s	834	486	120	113	0	0	17	304	82	261
17	523s	577s	817	516	106	111	0	0	27	303	97	139
18	620s	558s	794	551	100	123	0	0	26	303	97	69
19	638s	513s	814	619	102	106	0	0	25	323	86	127
20	594s	485s	822	698	94	69	0	0	317	332	78	115
21	667s	491s	825	701	106	58	0	0	721	352	80	118
22	599s	540s	857	698	88	49	0	0	822	336	80	143
23	578s	703s	869	690	98	45	0	0	845	335	79	185
24	623s	624s	830	620	83	86	0	0	899	345	57	206
25	566s	626s	810	484	98	220	0	0	927	387	35	234
26	636s	594s	775	409	91	264	0	0	928	334	27	295
27	650s	624s	736	333	57	238	0	0	1,000	288	26	475
28	606s	642s	774	350	56	166	0	0	984	289	25	457
29	645s	-----	813	372	78	100	0	0	858	287	62	477
30	620s	-----	701	367	104	80	0	0	782	266	122	489s
31	767s	-----	656	-----	95	-----	0	0	-----	274	-----	508s
TOTAL	18,572	16,470	23,834	15,355	5,674	3,701	342	0	9,178	12,513	3,266	9,533
MEAN	599	588	769	512	183	123	11.0	0	306	404	109	308
MAX	767	706	917	701	493	264	65	0	1,000	747	271	774
MIN	435	403	610	333	56	45	0	0	0	266	25	69
AC-FT	36,840	32,670	47,270	30,460	11,250	7,340	678	0	18,200	24,820	6,480	18,910
YEAR 1993	MAX	1,000	MIN	0	AC-FT	234,900						

PLATTE RIVER BASIN

TRI-COUNTY CANAL from Platte River - 1993

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 CNPPID

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,050	1,850	1,630	1,990	1,270	1,060	1,260	1,110	1,150	1,310	1,670	1,340
2	1,030	1,840	1,860	1,800	1,170	932	1,450	1,140	1,160	1,300	1,580	1,510
3	1,080	1,820	2,040	1,610	1,090	1,070	1,680	1,290	1,180	1,310	1,750	1,580
4	1,950	1,850	2,100	1,470	1,040	1,160	1,960	1,350	1,180	1,340	1,660	1,610
5	1,040	1,870	2,120	1,420	1,020	1,030	2,160	1,510	1,170	1,340	1,560	1,590
6	1,070	1,890	2,130	1,310	1,070	930	2,130	1,780	1,230	1,310	1,620	1,440
7	1,100	1,890	2,130	1,430	1,200	950	1,890	1,550	1,310	1,300	1,630	1,670
8	1,080	1,850	2,150	1,280	1,220	857	1,950	1,490	1,390	1,600	1,630	1,680
9	1,100	1,900	2,160	1,200	1,080	841	1,470	1,460	1,400	1,900	1,560	1,750
10	1,120	1,920	2,130	956	1,000	801	1,250	1,260	1,230	1,750	1,570	1,760
11	1,110	1,090	2,150	875	951	765	1,130	1,330	1,180	1,660	1,560	1,760
12	1,030	1,140	2,170	860	968	876	1,080	1,420	1,150	1,640	1,690	1,760
13	1,020	1,130	2,150	833	983	1,030	1,060	1,700	1,110	1,620	1,770	1,760
14	1,140	1,410	2,150	918	971	1,040	1,000	1,690	1,160	1,610	1,760	1,740
15	1,200	1,500	2,080	828	974	975	1,110	1,300	1,200	1,750	1,690	1,720
16	1,240	1,490	2,150	816	930	1,000	1,130	1,310	1,240	1,950	1,660	1,790
17	1,140	1,170	2,160	978	886	1,050	1,140	1,240	1,240	1,920	1,660	1,840
18	1,200	1,070	2,110	1,040	860	1,690	1,260	1,290	1,290	1,910	1,630	1,800
19	1,220	1,200	2,160	1,080	827	1,520	1,260	1,390	1,310	1,880	1,610	1,750
20	1,220	1,280	2,160	1,160	787	1,210	1,280	1,440	1,420	1,900	1,580	1,790
21	1,250	1,350	2,150	1,230	817	1,020	1,380	1,550	1,500	1,950	1,590	1,780
22	1,300	1,430	2,160	1,200	893	1,010	1,480	2,100	1,660	1,940	1,600	1,780
23	1,370	1,110	2,160	1,070	962	1,180	1,590	2,120	1,650	1,920	1,590	1,760
24	1,420	1,210	2,160	1,020	999	1,390	1,530	1,800	1,480	1,940	1,080	1,350
25	1,460	1,280	2,170	992	1,050	1,240	1,440	1,570	1,410	1,930	981	1,470
26	1,550	1,270	2,150	954	1,050	1,070	1,280	1,340	1,360	1,910	1,040	1,520
27	1,640	1,210	2,120	1,010	1,070	983	1,430	1,330	1,370	1,910	1,040	1,500
28	1,690	1,200	2,120	1,040	1,030	1,070	1,350	1,320	1,380	1,930	1,040	1,520
29	1,700	-----	2,160	1,050	1,040	1,000	1,250	1,270	1,290	1,750	1,030	1,670
30	1,720	-----	2,150	1,190	1,220	1,150	1,230	1,280	1,310	1,690	1,030	1,840
31	1,780	-----	2,150	-----	1,100	-----	1,140	1,140	-----	1,680	-----	1,820
TOTAL	40,020	41,220	65,540	34,610	31,528	31,900	43,750	44,870	39,110	52,850	44,861	51,650
MEAN	1,291	1,472	2,114	1,154	1,017	1,063	1,411	1,447	1,304	1,705	1,495	1,666
MAX	1,950	1,920	2,170	1,990	1,270	1,690	2,160	2,120	1,660	1,950	1,770	1,840
MIN	1,020	1,070	1,630	816	787	765	1,000	1,110	1,110	1,300	981	1,340
AC-FT	79,380	81,760	130,000	68,650	62,540	63,270	86,780	89,000	77,570	104,800	88,980	102,400
YEAR 1993	MAX	2,170	MIN	765	AC-FT	1,035,000						

May 1 39002

May 3 96832

June 30 162,225

PLATTE RIVER BASIN

JEFFREY RESERVOIR from Platte River - 1993

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 maximum operating level	2759.0	6,349
Normal minimum operating level	2745.0	5,113

DAILY CONTENTS IN ACRE-FEET FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4,160	4,860	5,180	5,240	5,840	5,680	5,840	5,840	5,510	3,910	5,240	5,620
2	4,260	5,240	5,180	5,400	5,730	5,730	5,950	5,790	5,680	3,910	5,240	5,620
3	4,460	5,510	5,130	5,570	5,570	5,620	5,730	5,730	5,900	4,010	5,620	5,570
4	4,560	5,460	5,350	5,790	5,570	5,790	5,790	5,790	5,790	4,060	5,510	5,620
5	4,560	5,680	5,350	5,790	5,620	5,900	6,010	5,620	5,790	4,160	5,460	5,730
6	4,610	5,570	5,460	5,680	5,620	5,510	5,900	5,840	5,840	4,260	5,510	5,510
7	4,610	5,510	5,460	5,460	6,010	5,510	5,570	5,680	5,840	4,110	5,620	5,290
8	4,760	5,400	5,460	5,680	6,060	5,620	5,730	5,620	5,730	3,060	5,510	5,400
9	4,660	5,350	5,460	5,680	5,950	5,620	5,510	5,620	5,620	3,580	5,460	5,570
10	4,560	5,400	5,400	5,400	5,730	5,570	5,790	5,510	5,460	3,490	5,510	5,460
11	4,460	4,710	5,290	5,180	5,680	5,620	5,680	5,570	5,460	3,870	5,510	5,350
12	4,460	4,660	5,240	5,350	5,730	5,730	5,570	5,570	5,510	3,720	5,510	5,350
13	4,560	4,560	5,130	5,570	5,730	6,010	5,730	5,620	5,620	3,390	5,680	5,290
14	4,660	5,180	5,020	5,680	5,790	5,730	5,730	5,680	5,620	3,490	5,620	5,240
15	4,810	5,290	5,020	5,730	5,840	5,680	5,730	5,400	5,730	3,580	5,510	5,290
16	4,960	4,110	5,070	5,790	5,840	5,790	5,730	5,570	5,900	3,440	5,400	5,510
17	5,130	4,210	5,130	5,790	5,570	5,790	5,840	5,400	5,840	3,910	5,460	5,510
18	5,350	4,710	5,240	5,680	5,620	5,840	5,790	5,400	5,570	4,560	5,460	5,400
19	5,620	4,760	5,290	5,790	5,620	5,620	5,680	5,620	5,460	4,760	5,460	5,240
20	5,680	4,960	5,400	5,790	5,570	5,240	5,680	5,730	5,350	5,020	5,350	5,240
21	5,620	5,240	5,510	5,840	5,570	5,350	5,950	5,680	5,290	5,130	5,240	5,240
22	5,680	5,180	5,460	5,900	5,620	5,350	5,840	5,790	5,290	5,070	5,290	5,290
23	5,730	5,070	5,400	5,790	5,730	5,730	5,730	5,840	4,960	4,960	5,240	5,460
24	5,900	4,510	5,240	5,620	5,790	5,730	5,570	5,680	4,560	4,760	5,070	5,510
25	5,570	4,560	5,070	5,510	5,900	5,570	5,730	5,790	3,870	5,240	4,960	5,460
26	5,510	4,510	4,960	5,570	5,730	5,620	5,790	5,790	2,520	5,290	5,350	5,570
27	5,290	4,710	4,810	5,570	5,620	5,620	5,350	5,730	3,680	5,290	5,570	5,620
28	4,960	5,070	4,710	5,620	5,570	5,620	5,400	5,680	3,870	5,400	5,680	5,460
29	4,960	-----	4,910	5,790	5,680	5,680	5,570	5,680	3,820	5,180	5,900	5,460
30	4,910	-----	5,070	6,010	5,900	5,790	5,570	5,680	3,870	5,130	5,680	5,460
31	5,020	-----	5,070	-----	5,680	-----	5,790	5,460	-----	5,180	-----	5,510
MAX	5,900	5,680	5,510	6,010	6,060	6,010	6,010	5,840	5,900	5,400	5,900	5,730
MIN	4,160	4,110	4,710	5,180	5,570	5,240	5,350	5,400	2,520	3,060	4,960	5,240
YEAR 1993			MEAN	5,334	MAX	6,060	MIN	2,520				

PLATTE RIVER BASIN

JEFFREY POWER RETURN to Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	155	239	356	72	0	0	0
2	0	0	0	0	0	163	233	378	80	0	0	0
3	0	0	0	0	0	142	282	287	83	0	0	0
4	0	0	0	0	0	81	382	353	97	0	0	0
5	0	0	0	0	0	61	257	379	109	0	0	0
6	0	0	0	0	0	62	208	377	107	0	0	0
7	0	0	0	0	0	78	321	417	100	0	0	0
8	0	0	0	0	0	91	396	438	37	0	0	0
9	0	0	0	0	0	91	335	486	9.4	0	0	0
10	0	0	0	0	0	109	400	509	32	0	0	0
11	0	0	0	0	0	165	425	563	0	0	0	0
12	0	0	0	0	0	185	431	526	6.0	0	0	0
13	0	0	0	0	0	187	473	338	37	0	0	0
14	0	0	0	0	0	171	499	517	0	0	0	0
15	0	0	0	0	0	138	511	440	0	0	0	0
16	0	0	0	0	0	146	459	417	0	0	0	0
17	0	0	0	0	0	161	341	350	0	0	0	0
18	0	0	0	0	0	89	276	383	0	0	0	0
19	0	0	0	0	0	26	275	398	0	0	0	0
20	0	0	0	0	0	29	249	417	0	0	0	0
21	0	0	0	0	0	163	419	378	0	0	0	0
22	0	0	0	0	0	163	249	173	0	0	0	0
23	0	0	0	0	0	115	110	86	0	0	0	0
24	0	0	0	0	32	34	0	0	0	0	0	0
25	0	0	0	0	56	84	36	82	0	0	0	0
26	0	0	0	0	52	107	28	215	0	0	0	0
27	0	0	0	0	78	151	0	223	0	0	0	0
28	0	0	0	0	89	179	0	212	0	0	0	0
29	0	-----	0	0	79	164	37	183	0	0	0	0
30	0	-----	0	0	101	216	152	116	0	0	0	0
31	0	-----	0	-----	141	-----	243	128	-----	0	-----	0
TOTAL	0	0	0	0	628	3,706	8,266	10,125	769.4	0	0	0
MEAN	0	0	0	0	20.3	124	267	327	25.6	0	0	0
MAX	0	0	0	0	141	216	511	563	109	0	0	0
MIN	0	0	0	0	0	26	0	0	0	0	0	0
AC-FT	0	0	0	0	1,250	7,350	16,400	20,080	1,530	0	0	0

YEAR 1993 MAX 563 MIN 0 AC-FT 46,600

PLATTE RIVER BASIN

ELWOOD RESERVOIR from Platte River - 1993

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	DAILY CONTENTS IN ACRE-FEET FOR 1993											
	ELEVATION (feet)											
CONTENT (acre-feet)												
Top of flood pool	2613.0											
Top of conservation pool	2607.0											
Minimum normal operating level	2576.3											
Top of dead storage pool	2568.8											
Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18,800	17,700	16,700	23,100	31,400	37,300	37,800	35,300	32,400	30,300	28,100	26,500
2	18,800	17,700	16,700	23,400	31,600	37,600	37,700	35,200	32,300	30,200	28,100	26,400
3	18,800	17,600	16,600	23,700	31,800	37,700	37,600	35,100	32,200	30,200	28,000	26,400
4	18,800	17,500	16,600	24,000	32,000	37,800	37,300	35,000	32,100	30,100	27,900	26,300
5	18,800	17,500	16,600	24,300	32,300	37,900	37,200	35,000	32,000	30,000	27,800	26,200
6	18,700	17,500	16,600	24,600	32,600	38,000	37,000	34,900	32,000	29,900	27,800	26,100
7	18,700	17,500	16,500	24,900	32,800	38,000	36,800	34,800	31,900	29,800	27,800	26,100
8	18,600	17,400	16,500	25,300	33,000	38,100	36,700	34,700	31,800	29,800	27,800	26,000
9	18,600	17,400	16,500	25,600	33,200	38,000	36,600	34,600	31,700	29,700	27,700	26,000
10	18,500	17,400	16,500	25,900	33,400	37,900	36,500	34,400	31,600	29,600	27,600	25,900
11	18,500	17,400	16,500	26,200	33,600	37,900	36,600	34,100	31,600	29,600	27,500	25,800
12	18,500	17,300	16,500	26,500	33,800	37,900	36,500	33,600	31,500	29,500	27,500	25,800
13	18,500	17,300	16,500	26,700	34,100	37,900	36,300	33,700	31,400	29,400	27,500	25,700
14	18,400	17,200	16,400	27,000	34,300	37,900	36,200	33,600	31,300	29,400	27,400	25,700
15	18,300	17,200	16,700	27,300	34,500	37,900	36,200	33,500	31,200	29,300	27,400	25,600
16	18,300	17,200	17,100	27,600	34,600	37,800	36,100	33,400	31,100	29,300	27,300	25,600
17	18,200	17,200	17,500	27,800	34,800	37,800	36,100	33,400	31,000	29,200	27,300	25,600
18	18,200	17,100	17,800	28,100	35,000	37,800	36,000	33,300	31,200	29,200	27,200	25,600
19	18,200	17,100	18,200	28,400	35,100	37,800	36,000	33,200	31,100	29,100	27,100	25,500
20	18,200	17,000	18,600	28,600	35,300	37,800	35,900	33,200	31,100	29,000	27,100	25,500
21	18,100	17,000	19,000	28,900	35,500	37,800	35,800	33,200	31,000	29,000	27,000	25,400
22	18,100	17,000	19,500	29,100	35,700	37,800	35,800	33,200	30,900	28,900	26,900	25,300
23	18,000	17,000	19,900	29,400	35,900	37,900	35,800	33,100	30,900	28,800	26,900	25,300
24	18,000	16,900	20,200	29,700	36,000	37,900	35,800	33,000	30,700	28,800	26,800	25,200
25	17,900	16,800	20,600	29,900	36,200	37,900	35,700	32,900	30,600	28,700	26,700	25,200
26	17,900	16,800	21,000	30,200	36,500	37,900	35,900	32,800	30,500	28,600	26,700	25,100
27	17,900	16,800	21,400	30,300	36,600	37,900	35,900	32,800	30,500	28,500	26,600	25,100
28	17,800	16,800	21,800	30,500	36,800	37,900	35,800	32,700	30,400	28,400	26,600	25,000
29	17,800	-----	22,100	30,900	36,900	37,900	35,700	32,600	30,300	28,300	26,500	24,900
30	17,700	-----	22,400	31,100	37,100	37,900	35,600	32,600	30,300	28,300	26,500	24,900
31	17,700	-----	22,700	-----	37,200	-----	35,500	32,500	-----	28,200	-----	24,900
MAX	18,800	17,700	22,700	31,100	37,200	38,100	37,800	35,300	32,400	30,300	28,100	26,500
MIN	17,700	16,800	16,400	23,100	31,400	37,300	35,500	32,500	30,300	28,200	26,500	24,900
YEAR 1993	MEAN			28,150	MAX		38,100	MIN		16,400		

PLATTE RIVER BASIN

JOHNSON RESERVOIR from Platte River - 1993

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

Day	DAILY CONTENTS IN ACRE-FEET FOR 1993											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	STORAGE LEVEL											
	ELEVATION (feet)											
	Operating level 2620.0											
	Minimum operating level 2590.9											
	CONTENT (acre-feet)											
	46,935											
	0											
1	40,760	38,645	40,995	40,525	42,435	44,435	43,185	45,185	43,935	39,820	40,290	38,410
2	40,525	38,410	40,525	40,995	42,935	44,685	43,435	45,435	44,435	40,055	40,290	39,115
3	40,525	37,235	40,290	40,995	43,185	44,685	44,185	44,435	44,685	39,820	40,055	39,115
4	40,525	37,235	40,525	40,525	43,185	45,185	45,435	44,185	44,685	39,350	40,290	39,115
5	40,290	37,015	40,055	40,760	42,935	45,185	44,685	44,185	45,185	38,880	40,760	39,115
6	40,525	37,015	39,820	40,995	42,685	45,435	44,935	44,185	44,935	39,350	40,525	39,350
7	40,525	36,575	39,820	40,760	43,185	45,435	44,935	44,435	44,685	39,350	40,055	39,585
8	40,525	37,940	40,290	40,995	43,685	44,435	43,935	44,185	44,435	39,350	40,290	39,350
9	40,760	39,820	40,995	41,230	43,935	44,185	44,685	44,185	44,185	39,350	40,525	39,115
10	40,995	41,935	40,995	41,465	43,935	44,435	45,185	43,435	43,685	39,585	40,290	38,880
11	41,230	43,685	41,465	41,465	43,435	43,935	45,185	42,435	43,935	39,585	39,820	38,880
12	41,230	43,435	41,465	41,465	43,435	43,685	44,935	40,995	44,435	39,585	40,525	38,645
13	40,995	42,185	41,700	41,465	43,185	43,685	44,435	41,465	44,185	39,585	40,760	38,880
14	40,760	41,700	41,700	41,700	42,935	43,685	43,935	42,185	43,935	39,585	40,760	38,880
15	40,525	40,760	41,700	41,700	42,935	43,935	43,685	42,685	43,685	38,645	40,525	38,645
16	40,525	40,760	41,465	41,700	42,685	43,685	43,685	42,935	42,685	38,175	40,525	38,645
17	40,525	41,230	40,995	41,935	42,935	43,685	44,685	42,685	42,435	38,880	40,525	38,410
18	40,290	40,995	40,760	42,185	42,685	44,185	44,685	42,685	42,935	38,175	40,525	38,645
19	40,525	40,760	40,995	42,685	42,685	44,185	43,685	41,700	43,435	37,470	39,820	38,880
20	40,525	40,525	40,760	41,935	42,435	44,185	44,435	40,760	43,935	37,705	39,115	39,350
21	40,525	40,760	40,995	41,700	42,435	43,685	44,685	40,995	43,685	38,880	39,115	39,820
22	40,525	40,760	40,525	41,465	42,685	43,685	45,435	42,685	42,685	38,880	39,350	40,290
23	40,760	41,230	40,995	41,700	42,935	43,935	45,935	43,685	42,435	38,880	39,115	40,055
24	40,760	41,230	40,995	41,935	42,935	44,935	45,935	45,185	42,435	38,175	39,115	39,820
25	40,525	41,230	40,995	41,700	42,935	44,435	44,685	44,935	42,435	38,410	38,880	39,585
26	40,055	40,995	41,230	41,465	42,685	44,685	44,185	43,685	41,700	38,175	38,410	39,115
27	39,585	40,995	41,230	41,465	42,935	44,185	44,935	43,935	40,760	38,645	38,175	39,820
28	39,350	41,230	41,230	41,700	43,435	43,935	44,935	43,935	40,760	39,820	37,705	40,290
29	39,350	-----	40,760	41,700	43,935	43,935	44,935	44,435	40,525	40,525	37,705	40,525
30	39,115	-----	40,290	41,935	44,185	43,435	45,185	44,685	40,055	40,290	37,940	40,525
31	38,880	-----	40,290	-----	44,685	-----	45,185	44,185	-----	40,290	-----	40,525
MAX	41,230	43,685	41,700	42,685	44,685	45,435	45,935	45,435	45,185	40,525	40,760	40,525
MIN	38,880	36,575	39,820	40,525	42,435	43,435	43,185	40,760	40,055	37,470	37,705	38,410
YEAR 1993	MEAN			41,666	MAX			45,935	MIN			36,575

PLATTE RIVER BASIN

PHELPS COUNTY CANAL from Platte River via Tri-County Canal - 1993

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	170	213	288	0	32			
2				0	170	217	257	80	32			
3				0	140	217	298	61	32			
4				0	124	196	221	114	32			
5				0	92	196	239	159	32			
6				0	79	195	269	191	32			
7				0	104	198	317	165	11			
8				0	98	212	220	149	0			
9				0	73	221	86	222	0			
10				0	141	231	121	420	0			
11				0	161	238	128	512	0			
12				0	163	214	116	583	0			
13				0	160	190	145	351	0			
14				0	135	245	157	268	0			
15				0	151	256	159	227	0			
16				0	158	257	157	250	0			
17				0	171	237	136	355	0			
18				0	208	236	113	435	0			
19				0	217	265	125	477	0			
20				0	195	286	123	453	0			
21				0	175	293	102	344	0			
22				0	175	259	95	334	0			
23				0	180	232	45	322	0			
24				0	197	171	0	301	0			
25				0	206	162	0	284	0			
26				0	215	180	0	339	0			
27				52	200	212	0	328	0			
28				90	192	225	0	154	0			
29		-----		115	201	225	0	36	0			
30		-----		151	202	219	0	34	0			
31		-----		-----	202	-----	0	33	-----		-----	
TOTAL				408	5,055	6,698	3,917	7,981	203			
MEAN				13.6	163	223	126	257	6.77			
MAX				151	217	293	317	583	32			
MIN				0	73	162	0	0	0			
AC-FT				809	10,030	13,290	7,770	15,830	403			
YEAR 1993	MAX	583	MIN	0	AC-FT	48,120						

PLATTE RIVER BASIN

JOHNSON POWER RETURN to Platte River - 1993

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 CNPPID

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	893	1,500	992	1,406	155	81.0	0	380	720	1,304	1,462	948
2	780	1,723	1,296	1,223	218	74.0	0	299	345	1,215	1,441	1,042
3	708	1,725	1,690	1,194	375	119	0	582	427	1,164	1,435	1,227
4	719	1,552	1,564	1,071	432	138	94.0	373	577	1,247	1,176	1,428
5	782	1,600	1,634	829	482	107	808	246	590	1,231	1,328	1,544
6	775	1,619	1,735	912	431	550	778	401	711	977	1,279	1,322
7	756	1,615	1,715	963	252	454	1,045	432	789	966	1,114	1,265
8	795	938	1,706	1,020	249	454	1,257	572	1,023	1,065	1,292	1,492
9	811	600	1,711	735	283	152	536	116	1,172	1,390	1,262	1,527
10	818	600	1,726	721	451	185	263	14.0	1,233	1,382	1,388	1,529
11	816	600	1,729	641	552	213	294	76.0	1,035	1,358	1,461	1,559
12	860	972	1,736	612	273	48.0	409	117	745	1,409	1,405	1,555
13	904	1,199	1,746	367	267	7.0	158	0	941	1,475	1,355	1,552
14	948	1,198	1,749	280	303	44.0	93.0	0	973	1,548	1,403	1,535
15	970	1,378	1,743	415	241	59.0	61.0	0	1,057	1,396	1,449	1,509
16	901	1,223	1,616	370	234	58.0	64.0	0	1,092	1,492	1,632	1,452
17	836	1,168	1,655	321	220	133	79.0	0	939	1,608	1,534	1,434
18	828	1,110	1,511	399	207	72.0	626	0	912	1,622	1,527	1,468
19	851	890	1,423	458	0	733	730	5.0	982	1,382	1,596	1,456
20	893	982	1,570	965	0	685	188	0	1,265	1,104	1,647	1,356
21	924	993	1,496	832	0	774	205	0	1,329	1,114	1,580	1,336
22	953	986	1,499	854	84.0	120	326	0	1,561	1,435	1,254	1,340
23	927	983	1,578	706	42.0	0	1,365	465	1,544	1,698	1,333	1,425
24	1,042	995	1,563	711	82.0	716	1,773	693	1,662	1,693	1,350	1,452
25	1,134	1,016	1,610	708	167	772	1,534	971	1,568	1,691	605	1,480
26	1,362	979	1,572	602	153	733	1,308	971	1,565	1,443	950	1,476
27	1,506	964	1,622	366	142	457	879	73.0	1,599	1,656	867	1,097
28	1,469	973	1,620	255	31.0	53.0	1,137	525	1,112	880	1,041	1,128
29	1,471	-----	1,611	221	101	0	1,062	625	1,146	1,151	751	1,234
30	1,481	-----	1,638	178	93.0	0	590	655	1,375	1,457	810	1,418
31	1,469	-----	1,557	-----	94.0	-----	377	975	-----	1,414	-----	1,472
TOTAL	30,382	32,081	49,613	20,335	6,614.0	7,991.0	18,039.0	9,566.0	31,989	41,967	38,727	43,058
MEAN	980	1,146	1,600	678	213	266	582	309	1,066	1,354	1,291	1,389
MAX	1,506	1,725	1,749	1,406	552	774	1,773	975	1,662	1,698	1,647	1,559
MIN	708	600	992	178	0	0	0	0	345	880	605	948
AC-FT	60,263	63,633	98,407	40,334	13,119	15,850	35,780	18,974	63,450	83,242	76,815	85,406
YEAR 1993	MAX	1,773	MIN	0	AC-FT	655,273						

PLATTE RIVER below Tri-County Diversion Dam - 1993

LOCATION.--SW1/4SW1/4 Sec. 10-13-29 W. near North Platte

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1958 - 1966, 1969 - present

REMARKS.--e = estimated discharge due to backwater from ice
a = estimated discharge, no gage height recordEXTREMES FOR CURRENT YEAR.--Peak discharge 1350 cubic feet per second on March 9 at gage height 4.79 feet.
Maximum gage height 5.90 on February 12 due to backwater from ice.
Minimum daily discharge 45 cubic feet per second on December 6.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	400e	85	300e	74a	58	80	58	74	78	62	62e	70e
2	420e	67	280e	74	61	76	57	82	68	60	62e	60e
3	430e	66	258	76	63	69	71	72	59	61	62e	50e
4	440e	66	302	77	58	67	261	59	58	64	62e	50e
5	440e	67	458	77	59	72	445	62	58	67	62e	50e
6	400e	80e	559	77	63	77	391	63	55	64	62e	45e
7	350e	76e	750	78	70	77	277	64	55	64e	62e	48e
8	300e	80e	1,030	80	76	75	379	62	59	64e	62e	50e
9	200e	90e	1,260	80	77	65	380	97	64	64e	62e	50e
10	130e	80e	1,060	80	73	58	334	148	69	66e	62e	50e
11	200e	70e	542	80	72	58	369	219	75	66e	62e	48e
12	190e	74e	371	87	71	58	352	286	77	66e	62e	46e
13	190e	80e	278	85	73	70	332	201	67	66e	60e	46e
14	185e	90e	142	85	76	72	336	81	67	64	60e	46e
15	185e	100e	115	82a	68	75	419	66	69	66	66e	46e
16	185e	120e	108	80a	60	70	505	61	70	64	68e	46e
17	185e	130e	106	76a	59	64	506	58	68	62	68e	46e
18	185e	150e	136	74a	55	108	398	54	73	61	68e	46e
19	185e	180e	391	72a	54	162	315	54	74	60	60e	46e
20	195e	180e	412	68a	54	147	252	54	75	57	60e	46e
21	200e	175e	294	66a	54	141	258	55	77	55	60e	46e
22	190e	170e	221	64a	57	138	301	96	76	59	60e	50e
23	180e	175e	197	62a	58	125	167	193	69	61	60e	50e
24	170e	185e	139	58a	56	100	98	105	70	59	60e	50e
25	165e	200e	114	56a	57	89	90	87	71	58	110e	50e
26	160e	210e	105	54a	59	87	101	75	69	58	230e	50e
27	155e	210e	97	54a	57	75	92	68	70	57	360e	50e
28	150e	220e	91	56a	61	70	97	62	68	55	360e	52e
29	155e	-----	113	56a	60	69	96	60	90	53	290e	52e
30	120e	-----	130	58a	70	63	89	63	65	52	180e	52e
31	100e	-----	100a	-----	74	-----	77	151	-----	51	-----	52e
TOTAL	7,140	3,476	10,459	2,146	1,963	2,557	7,903	2,932	2,063	1,886	3,024	1,539
MEAN	230	124	337	71.5	63.3	85.2	255	94.6	68.8	60.8	101	49.6
MAX	440	220	1,260	87	77	162	506	286	90	67	360	70
MIN	100	66	91	54	54	58	57	54	55	51	60	45
AC-FT	14,160	6,890	20,750	4,260	3,890	5,070	15,680	5,820	4,090	3,740	6,000	3,050
YEAR 1993	TOTAL	47,088	MEAN	129	MAX	1,260	MIN	45	AC-FT	93,400		

PLATTE RIVER BASIN

PLATTE RIVER at Brady - 1993

LOCATION.--North channel gage (no. 1): SW1/4SW1/4 Sec. 11-12-27 W., South channel gage (no. 4): SW1/4SW1/4 Sec. 23-12-27 W.

GAGE.--Continuous stage recorders on north channel (no. 1) and south channel (no. 4)

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 = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,040 cubic feet per second on March 8, combined channel flow.
Minimum daily discharge 98 cubic feet per second on October 6, combined channel flow.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	208e	247e	469e	238	181	159e	148	143	234	105	128	351e
2	258e	243e	469e	219	181	158e	149	145	179	102	125	330e
3	310e	239e	469e	218	181	175	148	163	162	104	124	289e
4	360e	239e	579e	214	178	205	152	149	150	104	124	258e
5	430e	249e	683e	209	170	202	309	151	143	105	123	233e
6	482e	270e	1,560	208	197	202	388	151	142	98	126	211e
7	466e	276e	2,160	266	243	210	347	159	149	101	126	216e
8	444e	286e	2,820	377	238	192	348	166	158	131	130	206e
9	400e	326e	2,630	354	227e	173	418	164	154	139	127	196e
10	358e	336e	1,610	297	215e	159	388	199	138	142	125	180
11	348e	330e	1,000	265	204e	148	388	224	135	143	128	173
12	350e	346e	617	239	195e	140	413	281	133	141	160	175
13	352e	348e	460	228	186e	170	413	330	120	141	176	171
14	354e	360e	345	231	177e	151	398	185	124	141	180	162
15	346e	372e	302	224	174	143	452	147	123	142	179	161
16	348e	404e	292	214	172	136	535	137	115	139	169	169
17	348e	416e	257	211	165e	136	591	132	113	140	166	166
18	350e	428e	210	195	156e	253	559	132	130	138	171	151
19	351e	438e	309	183	155e	378	448	134	136	136	170	143
20	350e	440e	350	184	155e	391	374	128	131	136	166	163
21	349e	438e	401	184	154e	283	290	135	126	138	161	155
22	348e	427e	403	183	156e	237	414	214	122	134	158	157
23	338e	418e	369	180	158e	218	394	288	118	136	143	163
24	328e	430e	327	181	160e	241	254	266	122	138	112e	159
25	310e	440e	284	179	157e	213	229	220	128	138	141	161e
26	289e	450e	257	179	157e	198	207	191	121	130	153	162e
27	279e	449e	246	178	158e	180	215	173	114	126	158e	161e
28	269e	459e	242	177	157e	164	186	166	111	125	207e	158e
29	258e	-----	243	177	162e	160	174	162	108	124	261e	160e
30	253e	-----	284	177	161e	153	163	189	131	121	320e	162e
31	252e	-----	268	-----	161e	-----	155	200	-----	125	-----	163e
TOTAL	10,486	10,104	20,915	6,569	5,491	5,928	10,047	5,624	4,070	3,963	4,737	5,865
MEAN	338	361	675	219	177	198	324	181	136	128	158	189
MAX	482	459	2,820	377	243	391	591	330	234	143	320	351
MIN	208	239	210	177	154	136	148	128	108	98	112	143
AC-FT	20,800	20,040	41,480	13,030	10,890	11,760	19,930	11,160	8,070	7,860	9,400	11,630
YEAR 1993	TOTAL	93,799	MEAN	257	MAX	2,820	MIN	98	AC-FT	186,100		

PLATTE RIVER BASIN

THIRTY MILE CANAL from Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	73	101	115	46			
2					0	72	101	130	7.1			
3					0	73	101	129	6.8			
4					0	72	101	129	6.8			
5					0	72	114	208	6.8			
6					0	71	137	146	6.8			
7					0	71	165	153	6.8			
8					0	70	187	166	6.6			
9					0	69	197	188	6.3			
10					0	72	200	204	5.0			
11					0	76	201	208	0			
12					0	76	198	206	0			
13					0	75	202	176	0			
14					0	76	201	155	0			
15					0	77	202	138	0			
16					0	77	216	132	0			
17					0	77	202	145	0			
18					0	74	138	159	0			
19					0	72	136	150	0			
20					0	88	141	145	0			
21					0	99	150	153	0			
22					41	99	139	119	0			
23					67	100	88	105	0			
24					65	66	64	105	0			
25					68	84	72	115	0			
26					71	100	75	126	0			
27					74	99	75	134	0			
28					77	100	73	136	0			
29		-----			78	100	75	120	0			
30		-----			75	101	92	117	0			
31		-----		-----	73	-----	99	120	-----		-----	
TOTAL					689	2,431	4,243	4,532	105.0			
MEAN					22.2	81.0	137	146	3.50			
MAX					78	101	216	208	46			
MIN					0	66	64	105	0			
AC-FT					1,370	4,820	8,420	8,990	208			
YEAR 1993	MAX	216	MIN	0	AC-FT	23,800						

PLATTE RIVER BASIN

GOTHENBURG CANAL from Platte River - 1993

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

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

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	93	106	144	190	129			
2				0	94	100	144	220	120			
3				0	90	100	144	255	120			
4				0	87	99	155	246	120			
5				35a	87	99	186	224	120			
6				69	88	98	203	208	105			
7				52	88	98	231	210	87			
8				53	88	94	254	211	86			
9				53	87	95	251	218	86			
10				53	88	104	252	224	86			
11				52	88	107	251	249	86			
12				50	88	107	277	263	86			
13				51	87	107	306	228	86			
14				50	88	99	312	185	69			
15				50	88	69	317	175	53			
16				50	88	48	333	158	52			
17				50	96	37	342	148	53			
18				51	108	38	317	149	54			
19				41	97	36	281	149	53			
20				33	97	35	275	148	28			
21				33	96	54	300	171	1.1			
22				33	93	79	272	178	0			
23				33	86	85	195	168	0			
24				33	81	96	139	164	0			
25				37	88	107	138	148	0			
26				94	89	107	139	157	0			
27				94	92	107	138	151	0			
28				94	100	107	134	151	0			
29		-----		94	102	113	131	151	0			
30		-----		94	103	133	154	148	0			
31		-----		-----	105	-----	177	142	-----		-----	
TOTAL				1,432	2,850	2,664	6,892	5,787	1,680.1			
MEAN				47.7	91.9	88.8	222	187	56.0			
MAX				94	108	133	342	263	129			
MIN				0	81	35	131	142	0			
AC-FT				2,840	5,650	5,280	13,670	11,480	3,330			
YEAR 1993	MAX	342	MIN	0	AC-FT	42,260						

PLATTE RIVER BASIN

BUFFALO CREEK (B-1) RESERVOIR SUPPLY CANAL from Platte River - 1993

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1983, 1985 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	16	20	0	0	21			
2				0	24	20	0	0	21			
3				0	28	16	0	0	19			
4				0	25	22	0	0	20			
5				0	23	24	0	0	21			
6				0	24	22	0	0	23			
7				0	22	23	0	0	23			
8				0	24	22	0	0	20			
9				0	26	17	0	0	22			
10				0	25	14	0	0	23			
11				0	24	16	0	0	25			
12				0	27	19	0	0	25			
13				0	25	18	0	0	22			
14				0	23	9.5	0	0	24			
15				0	24	12	0	0	26			
16				0	25	6.2	0	0	23			
17				0	26	0	0	0	20			
18				0	24	0	0	0	18			
19				0	27	0	0	0	23			
20				0	21	0	0	0	17			
21				0	22	0	0	0				
22				0	23	0	0	0	5.5			
23				0	23	0	0	0	1.9			
24				0	19	0	0	9.6	0			
25				0	19	0	0	20	0			
26				0	20	0	0	19	0			
27				0	19	0	0	20	0			
28				4.0	18	0	0	19	0			
29		-----		14	21	0	0	19	0			
30		-----		14	24	0	0	18	0			
31		-----		-----	22	-----	0	19	-----		-----	
TOTAL				32.0	713	280.7	0	143.6	443.4			
MEAN				1.07	23.0	9.36	0	4.63	15.3			
MAX				14	28	24	0	20	26			
MIN				0	16	0	0	0	0			
AC-FT				63	1,410	557	0	285	879			
YEAR 1993	MAX	28	MIN	0	AC-FT	3,200						

PLATTE RIVER BASIN

SIX MILE CANAL from Platte River - 1993

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

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	8.3	0	2.5	.27			
2					0	5.2	0	8.2	1.4			
3					0	13	0	3.0	1.3			
4					0	13 a	4.3	2.8	1.3			
5					0	13 a	8.4	6.3	1.6			
6					0	12 a	8.8	6.9	2.1			
7					0	11	8.7	7.7	3.2			
8					0	11	11	9.4	2.7			
9					0	11 a	11 a	11	.59			
10					0	10 a	11 a	17	.57			
11					0	9.0a	11 a	22	0			
12					0	8.0a	11	24	0			
13					0	6.0a	13	24	0			
14					0	4.0a	14	12	0			
15					0	2.5a	18	3.8	0			
16					0	2.3	27	1.7	0			
17					0	3.4	23	0	0			
18					0	6.0	3.8	0	0			
19					0	6.6	.66	2.3	.58			
20					0	5.7	0	1.6	0			
21					0	0	1.6	.91	0			
22					0	0	11	.58	0			
23					0	0	11	0	0			
24					0	0	6.0	0	0			
25					0	0	1.8	0	0			
26					0	0	.45	0	0			
27					0	0	0	0	0			
28					2.7	0	0	0	0			
29		-----			4.7	0	0	0	0			
30		-----			4.3	0	0	0	0			
31		-----		-----	5.8	-----	0	0	-----		-----	
TOTAL					17.5	161.0	216.51	167.69	15.61			
MEAN					.56	5.37	6.98	5.41	.52			
MAX					5.8	13	27	24	3.2			
MIN					0	0	0	0	0			
AC-FT					35	319	429	333	31			
YEAR 1993	MAX	27	MIN	0	AC-FT	1,150						

PLATTE RIVER BASIN

COZAD CANAL from Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	26	52	52	28			
2					0	26	52	79	20			
3					0	28	52	74	30			
4					0	31	56	74	28			
5					0	32	105	75	17			
6					0	32	146	79	0			
7					0	32	168	84	0			
8					0	30	188	87	0			
9					0	27	208	119	0			
10					0	27	213	146	0			
11					0	26	211	141	0			
12					0	26	187	190	0			
13					0	24	219	174	0			
14					0	29	219	160	0			
15					0	35	219	159	0			
16					0	34	218	159	0			
17					0	33	197	160	0			
18					22	33	160	145	0			
19					36	33	161	151	0			
20					37	33	161	132	0			
21					34	53	157	131	0			
22					35	53	170	50	0			
23					34	52	91	1.6	0			
24					32	28	53	0	0			
25					30	46	51	0	0			
26					26	48	49	0	0			
27					25	48	48	0	0			
28					26	50	45	0	0			
29		-----			26	51	36	27	0			
30		-----			25	51	34	24	0			
31		-----		-----	24	-----	53	27	-----		-----	
TOTAL					412	1,077	3,979	2,700.6	123			
MEAN					13.3	35.9	128	87.1	4.10			
MAX					37	53	219	190	30			
MIN					0	24	34	0	0			
AC-FT					817	2,140	7,890	5,360	244			
YEAR 1993	MAX	219	MIN	0	AC-FT	16,450						

PLATTE RIVER BASIN

ORCHARD ALFALFA CANAL from Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	10	19	24	21			
2					11	13	19	25	23			
3					19	18	20	25	18			
4					18	20	26	25	19			
5					18	19	34	24	14			
6					20	19	39	24	10			
7					20	19	40	24	6.7			
8					22	18	38	25	0			
9					18	18	37	25	0			
10					16	16	34	34	0			
11					16	18	34	42	0			
12					16	23	31	50	0			
13					16	19	31	48	0			
14					16	15	29	35	0			
15					17	13	33	32	0			
16					16	13	34	31	0			
17					16	15	33	31	0			
18					14	18	13	33	0			
19					14	19	20	36	0			
20					13	20	30	33	0			
21					12	19	28	28	0			
22					11	21	29	18	0			
23					11	22	28	15	0			
24					15	39	4.5	16	0			
25					14	21	3.5	15	0			
26					16	17	3.5	20	0			
27					17	16	4.1	20	0			
28					17	16	3.5	20	0			
29		-----			14	19	3.5	20	0			
30		-----			15	19	3.6	19	0			
31		-----		-----	7.9	-----	10	19	-----		-----	
TOTAL					465.9	552	715.2	836	111.7			
MEAN					15.0	18.4	23.1	27.0	3.72			
MAX					22	39	40	50	23			
MIN					0	10	3.5	15	0			
AC-FT					924	1,090	1,420	1,660	222			
YEAR 1993	MAX	50	MIN	0	AC-FT	5,320						

PLATTE RIVER BASIN

DAWSON COUNTY CANAL from Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	122	158	151	147			
2					0	125	160	166	154			
3					0	125	161	179	155			
4					0	125	166	173	155			
5					25	124	151	177	155			
6					73	124	143	180	155			
7					82	124	154	181	156			
8					82	127	163	181	156			
9					39	132	184	181	146			
10					0	122	182	181	116			
11					0	112	183	184	95			
12					0	130	183	215	89			
13					0	138	187	197	88			
14					0	140	200	157	87			
15					0	140	229	157	37			
16					0	140	245	156	0			
17					0	139	245	155	0			
18					0	140	248	155	0			
19					0	139	234	155	0			
20					0	139	219	153	0			
21					25	151	197	153	0			
22					65	161	216	161	0			
23					77	162	184	160	0			
24					78	143	151	158	0			
25					76	123	149	157	0			
26					78	124	149	156	0			
27					79	123	150	155	0			
28					80	132	149	156	0			
29		-----			80	151	150	156	0			
30		-----			80	158	149	155	0			
31		-----		-----	83	-----	151	150	-----		-----	
TOTAL					1,102	4,035	5,590	5,151	1,891			
MEAN					35.5	135	180	166	63.0			
MAX					83	162	248	215	156			
MIN					0	112	143	150	0			
AC-FT					2,190	8,000	11,090	10,220	3,750			
YEAR 1993	MAX	248	MIN	0	AC-FT	35,240						

PLATTE RIVER BASIN

PLATTE RIVER near Cozad - 1993

LOCATION.--North channel gage: SE1/4NW1/4 Sec. 18-10-23 W., South channel gage: SW1/4SW1/4 Sec. 18-10-23 W.

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

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

REMARKS.--e = estimated discharge
Published by U. S. Geological Survey up to October 1, 1993.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,570 cubic feet per second on March 9, combined channel flow.
Minimum daily discharge 19 cubic feet per second on May 25, combined flow.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	249e	399	651e	367	230	53	73	95	25	219	225	484
2	259e	388	692e	340	222	58	74	116	82	208	227	421
3	269e	361	713e	331	211	74	51	97	34	203	225	391
4	309e	341	606	324	210	101	91	37	24	200	226	330
5	409e	343	673	302	152	57	128	52	41	196	220	309
6	549e	342e	1,000	259	137	40	118	62	70	195	213	267
7	590e	341e	1,390	380	201	37	103e	47	94	194	214	244
8	560e	340e	2,110	426	276	31	85	82	111	199	221	260
9	530e	340e	2,450	416	311	21	78	64	77	223	221	271
10	430e	310e	2,100	391	298	22	41	35	84	226	226	273
11	400e	290e	1,730	357	282	22	83	62	99	232	227	256
12	310e	310e	1,260	337	266	74	103	47	93	235	264	259e
13	290e	290e	960	338	243	76	61	220	92	234	291	251e
14	310e	310e	791	351	228	82	48	218	104	235	287	244e
15	320e	320e	620e	349	217	34	45	219	166	234	296	245e
16	320e	320e	587e	341	217	27	47	141	184	231	299	263
17	320e	320e	541	328	202	46	122	111	179	231	300	261
18	321e	321e	471	314	167	121	342	69	221	236	305	241
19	379e	322e	430	316	157	149	234	67	303	234	309	225
20	379e	312e	557	335	147	166	156	97	256	236	311	225
21	380e	312e	623	324	88e	152	64	106	291	238	312	241
22	380e	321e	671	322	64e	156	170	200	254	234	292	225
23	370e	331e	616	321	39e	129	483	209	251	232	210	229
24	370e	351e	578	312	24e	418	413	150	243	234	188e	229
25	370e	371e	517	304	19e	243	241	116	244	237	289	259
26	372	411e	461	269	20	161	175	80	239	229	300	333
27	380	490e	432	229	26	134	176	125	228	225	214	285
28	380e	571e	417	238	42	123	138	109	224	228	203	229
29	376	-----	425	231	56	95	104	121	216	222	336	215
30	382	-----	415	220	52	71	88	89	214	217	493	249
31	395	-----	457	-----	59	-----	78	29	-----	222	-----	267
TOTAL	11,658	9,778	25,944	9,672	4,863	2,973	4,213	3,272	4,743	6,919	7,944	8,481
MEAN	376	349	837	322	157	99.1	136	106	158	223	265	274
MAX	590	571	2,450	426	311	418	483	220	303	238	493	484
MIN	249	290	415	220	19	21	41	29	24	194	188	215
AC-FT	23,120	19,390	51,460	19,180	9,650	5,900	8,360	6,490	9,410	13,720	15,760	16,820
YEAR 1993	TOTAL	100,460	MEAN	275	MAX	2,450	MIN	19	AC-FT	199,300		

PLATTE RIVER BASIN

KEARNEY CANAL from Platte River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	105	185	10	229			
2					0	99	182	9.1	192			
3					0	103	179	9.3	137			
4					0	114	179	9.7	137			
5					0	110	178	8.4	143			
6					0	108	236	8.2	145			
7					0	96	298	8.7	147			
8					0	95	306	8.0	147			
9					0	125	98	7.7	149			
10					0	102	25	5.4	147			
11					0	96	22	34	144			
12					0	91	21	128	139			
13					0	74	19	76	134			
14					0	104	14	78	132			
15					0	123	12	73	128			
16					0	112	11	70	126			
17					0	113	10	79	126			
18					0	125	13	112	122			
19					0	123	15	111	119			
20					0	132	15	101	115			
21					0	123	11	101	57			
22					0	118	11	105	0			
23					0	95	14	137	0			
24					0	81	18	235	0			
25					0	66	17	237	0			
26					0	59	15	238	0			
27					55	53	15	228	0			
28					119	79	14	197	0			
29		-----			115	167	13	228	0			
30		-----			114	129	13	227	0			
31		-----		-----	110	-----	11	226	-----		-----	
TOTAL					513	3,120	2,170	3,105.5	2,915			
MEAN					16.5	104	70.0	100	97.2			
MAX					119	167	306	238	229			
MIN					0	53	10	5.4	0			
AC-FT					1,020	6,190	4,300	6,160	5,780			
YEAR 1993	MAX	306	MIN	0	AC-FT	23,450						

PLATTE RIVER BASIN

KEARNEY POWER RETURN to Platte River - 1993

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1939 - present

REMARKS.--a = estimated discharge - no gage height record

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	135	0	216			
2					0	0	153	.26	203			
3					0	30	156	.66	144			
4					0	80	169	0	129			
5					0	80	163	0	110	a		
6					.35	80	162	0	100	a		
7					0	81	238	0	90	a		
8					66	75	268	0	74	a		
9					7.6	97	192	0	60	a		
10					.06	87	45	0	50			
11					1.3	70	8.1	0	118			
12					1.3	78	3.7	0	119			
13					0	63	5.8	53	113			
14					0	44	0	68	115			
15					.14	83	0	68	107			
16					.19	64	0	57	102			
17					0	69	62	52	103			
18					0	106	14	77	109			
19					.42	101	3.1	91	111			
20					0	112	3.6	90	100			
21					0	106	0	90	95			
22					0	99	9.4	98	14			
23					0	97	28	87	5.8			
24					0	81	18	146	0			
25					0	99	6.8	207	0			
26					0	63	10	213	0			
27					0	76	36	208	0			
28					0	51	8.7	192	0			
29		-----			5.8	128	0	201	0			
30		-----			.35	116	0	218	0			
31		-----		-----	0	-----	0	211	-----		-----	
TOTAL					83.51	2,316	1,898.2	2,427.92	2,387.8			
MEAN					2.69	77.2	61.2	78.3	79.6			
MAX					66	128	268	218	216			
MIN					0	0	0	0	0			
AC-FT					166	4,590	3,770	4,820	4,740			
YEAR 1993	MAX	268	MIN	0	AC-FT	18,080						

PLATTE RIVER BASIN

PLATTE RIVER near Odessa - 1993

LOCATION.--SW1/4NW1/4 Sec. 16-8-17 W.

GAGE.--Continuous stage recorder

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 = estimated dischargeEXTREMES FOR CURRENT YEAR.--Peak discharge 7,430 cubic feet per second on March 10 at gage height 5.88 feet.
Maximum gage height 6.88 feet on November 27 due to backwater from ice conditions.
Minimum daily discharge 301 cubic feet per second on June 17.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,000e	2,400e	2,100e	2,670	892	516	534	1,390	985	2,020	1,700	1,540
2	1,000e	2,450e	2,150e	2,530	930	469	486	1,180	836	1,340	1,800	1,490
3	1,000e	2,500e	2,300e	2,360	945	418	462	1,120	664	1,550	1,730	1,600
4	900e	2,500e	2,800e	2,310	906	470	552	1,280	686	1,490	1,720	1,660
5	800e	2,450e	3,400e	2,000	951	479	539	1,130	672	1,670	1,420	2,060
6	720e	2,400e	4,100e	1,590	929	499	876	1,060	676	1,600	1,670	2,010
7	800e	2,350e	5,000e	1,610	868	785	859	1,210	749	1,430	1,510	1,590
8	900e	2,300e	5,900	1,730	859	1,060	1,350	1,280	847	1,410	1,470	1,830
9	1,100e	2,100e	6,800	1,660	827	663	2,830	1,340	1,060	1,500	1,910	2,030
10	1,300e	2,000e	6,940	1,320	834	449	1,650	906	1,260	1,740	1,750	2,120
11	1,500e	1,700e	5,700	1,190	1,070	432	1,380	674	1,310	1,890	1,940	2,160
12	1,800e	1,600e	4,370	1,110	1,170	436	1,370	642	1,110	1,920	2,070	2,140
13	1,900e	1,650e	3,360	1,090	830	388	1,320	757	828	1,850	1,970	2,120
14	2,000e	1,700e	2,960	991	804	369	1,110	979	984	1,910	1,890	2,090
15	2,000e	1,750e	2,820	973	794	329	1,100	1,150	1,040	1,840	1,920	1,980
16	1,900e	1,800e	2,660	1,020	767	329	1,110	981	1,100	1,790	2,190	1,880
17	1,800e	1,800e	2,320	1,020	743	301	1,010	743	1,190	1,990	2,220	1,840
18	1,700e	1,800e	2,110	1,010	700	336	1,310	548	985	1,960	2,130	1,730
19	1,700e	1,800e	2,040	1,080	656	370	2,140	509	1,510	1,850	2,110	1,690
20	1,650e	1,800e	1,980	1,200	474	822	2,230	470	1,940	1,680	2,050	1,690
21	1,700e	1,800e	2,300	1,620	463	835	1,460	467	2,210	1,180	1,930	1,550
22	1,800e	1,850e	2,350	1,570	522	990	1,450	612	2,260	1,340	1,910	1,600
23	1,850e	1,850e	2,510	1,590	555	556	2,480	679	2,180	1,890	1,430	1,760
24	1,900e	1,900e	2,800	1,310	488	1,200	5,590	971	2,250	1,990	1,330	1,820
25	2,000e	2,000e	3,040	1,300	555	2,940	6,360	1,120	2,160	2,010	979	1,780
26	2,100e	2,000e	2,950	1,250	566	2,930	4,980	1,280	1,930	1,900	940e	1,880
27	2,200e	2,050e	3,040	1,090	542	2,550	5,420	1,140	1,980	1,740	800e	1,880
28	2,250e	2,050e	3,160	966	549	1,880	4,460	563	1,850	1,680	900e	1,370
29	2,300e	-----	3,500	940	535	780	3,570	935	1,420	1,060	1,300e	1,570
30	2,350e	-----	3,220	946	551	671	2,790	939	1,570	1,510	1,120e	1,630
31	2,400e	-----	2,990	-----	515	-----	1,800	849	-----	1,540	-----	1,820
TOTAL	50,320	56,350	103,670	43,046	22,790	25,252	64,578	28,904	40,242	52,270	49,809	55,910
MEAN	1,623	2,013	3,344	1,435	735	842	2,083	932	1,341	1,686	1,660	1,804
MAX	2,400	2,500	6,940	2,670	1,170	2,940	6,360	1,390	2,260	2,020	2,220	2,160
MIN	720	1,600	1,980	940	463	301	462	467	664	1,060	800	1,370
AC-FT	99,810	111,800	205,600	85,380	45,200	50,090	128,100	57,330	79,820	103,700	98,800	110,900
YEAR 1993	TOTAL	593,141	MEAN	1,625	MAX	6,940	MIN	301	AC-FT	1,176,000		

PLATTE RIVER BASIN
(LOUP RIVER)

SARGENT CANAL from Middle Loup River - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						0	62	41	94			
2						0	59	41	103			
3						0	50	41	95			
4						0	49	37	79			
5						0	50	41	56			
6						0	52	46	39			
7						0	56	41	32			
8						0	57	35	25			
9						0	57	36	25			
10						0	58	36	25			
11						0	60	46	19			
12						0	60	55	16			
13						0	56	67	14			
14						0	51	64	13			
15						0	48	59	13			
16						0	46	75	13			
17						0	48	92	20			
18						0	40	109	24			
19						0	36	112	18			
20						0	37	120	11			
21						0	36	118	16			
22						0	36	70	17			
23						0	33	36	14			
24						0	34	36	0			
25						0	34	36	0			
26						0	26	37	0			
27						8.5	23	47	0			
28						56	18	68	0			
29		-----				69	17	73	0			
30		-----				76	26	90	0			
31		-----		-----		-----	37	94	-----		-----	
TOTAL						209.5	1,352	1,899	781			
MEAN						6.98	43.6	61.3	26.0			
MAX						76	62	120	103			
MIN						0	17	35	0			
AC-FT						416	2,680	3,770	1,550			
YEAR 1993	MAX	120	MIN	0	AC-FT	8,410						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 1 from Middle Loup River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	5.8	10	16	21			
2					0	0	10	16	22			
3					0	0	11	16	24			
4					0	0	11	15	24			
5					0	0	11	19	25			
6					2.6	0	12	22	23			
7					14	7.4	14	16	21			
8					16	16	15	12	20			
9					13	16	15	18	19			
10					12	15	14	21	19			
11					14	15	12	20	18			
12					15	14	12	21	18			
13					15	14	13	20	16			
14					15	13	14	22	12			
15					14	12	14	23	4.3			
16					14	11	15	24	0			
17					13	11	15	23	0			
18					12	11	16	23	0			
19					15	11	14	23	0			
20					17	11	14	23	0			
21					17	12	13	22	0			
22					17	12	13	24	0			
23					17	12	14	24	0			
24					17	12	14	24	0			
25					17	11	13	26	0			
26					16	10	13	28	0			
27					16	9.7	15	29	0			
28					16	9.5	11	29	0			
29		-----			15	8.6	12	28	0			
30		-----			14	9.5	15	25	0			
31		-----	-----		13	-----	15	22	-----	-----		
TOTAL					376.6	289.5	410	674	286.3			
MEAN					12.1	9.65	13.2	21.7	9.54			
MAX					17	16	16	29	25			
MIN					0	0	10	12	0			
AC-FT					747	574	813	1,340	568			
YEAR 1993	MAX	29	MIN	0	AC-FT	4,040						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 1 PUMP from Middle Loup River - 1993

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

GAGE.--Flow Meter

PERIOD OF RECORD.--1987 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

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

NO WATER DIVERTED IN 1993

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 2 from Middle Loup River - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	17	12	17	25			
2					0	16	15	19	25			
3					0	15	18	21	24			
4					0	15	18	21	23			
5					0	15	19	24	25			
6					0	14	19	28	28			
7					0	13	20	23	25			
8					0	14	22	20	24			
9					0	14	22	25	20			
10					0	15	19	28	17			
11					0	15	18	28	16			
12					20	15	18	30	16			
13					20	15	19	29	16			
14					19	15	18	28	14			
15					18	15	17	28	7.0			
16					18	15	20	28	0			
17					18	15	24	28	0			
18					18	15	23	28	0			
19					20	16	19	29	0			
20					23	16	18	28	0			
21					22	16	18	29	0			
22					23	17	21	33	0			
23					24	16	22	33	0			
24					22	15	21	29	0			
25					21	15	20	27	0			
26					19	14	20	25	0			
27					19	14	22	25	0			
28					19	14	20	24	0			
29		-----			19	12	18	24	0			
30		-----			18	12	18	25	0			
31		-----		-----	18	-----	18	25	-----		-----	
TOTAL					398	445	596	809	305.0			
MEAN					12.8	14.8	19.2	26.1	10.2			
MAX					24	17	24	33	28			
MIN					0	12	12	17	0			
AC-FT					789	883	1,180	1,600	605			
YEAR 1993	MAX	33	MIN	0	AC-FT	5,060						

PLATTE RIVER BASIN
(LOUP RIVER)

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MIDDLE LOUP CANAL NO. 3 from Middle Loup River - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	48	26	48	55			
2					0	46	29	76	62			
3					0	45	29	74	65			
4					0	37	29	77	66			
5					0	32	30	77	66			
6					0	31	30	78	65			
7					0	29	31	78	64			
8					0	31	31	78	63			
9					0	32	31	83	62			
10					72	32	31	104	61			
11					87	32	30	129	61			
12					70	33	30	113	61			
13					66	33	30	122	49			
14					63	33	30	110	41			
15					60	34	29	110	17			
16					58	33	29	107	0			
17					54	32	29	109	0			
18					47	32	30	110	0			
19					46	32	29	109	0			
20					47	31	31	109	0			
21					47	28	31	108	0			
22					47	23	31	109	0			
23					47	22	27	87	0			
24					47	24	22	70	0			
25					46	25	21	69	0			
26					46	26	21	68	0			
27					47	25	20	68	0			
28					47	27	21	67	0			
29		-----			48	28	21	66	0			
30		-----			47	26	22	59	0			
31		-----		-----	47	-----	23	53	-----		-----	
TOTAL					1,186	942	854	2,725	858			
MEAN					38.3	31.4	27.5	87.9	28.6			
MAX					87	48	31	129	66			
MIN					0	22	20	48	0			
AC-FT					2,350	1,870	1,690	5,410	1,700			
YEAR 1993	MAX	129	MIN	0	AC-FT	13,020						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 4 from Middle Loup River - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	38	28	24	43			
2					0	36	29	22	44			
3					0	34	30	24	44			
4					0	34	30	45	45			
5					0	34	30	50	44			
6					0	33	30	56	43			
7					0	31	30	55	40			
8					0	34	29	56	38			
9					0	36	28	57	42			
10					0	36	28	77	44			
11					0	36	28	87	45			
12					7.6	36	28	87	45			
13					24	37	28	87	44			
14					32	38	28	85	42			
15					35	38	28	72	18			
16					40	37	28	64	0			
17					44	36	28	65	0			
18					46	36	28	67	0			
19					46	35	28	65	0			
20					46	35	29	58	0			
21					45	33	28	54	0			
22					44	30	26	52	0			
23					44	29	25	49	0			
24					44	28	26	47	0			
25					43	28	27	45	0			
26					43	28	27	44	0			
27					43	27	27	44	0			
28					43	27	27	45	0			
29		-----			43	27	28	48	0			
30		-----			42	27	27	46	0			
31		-----		-----	42	-----	27	44	-----		-----	
TOTAL					796.6	994	868	1,721	621			
MEAN					25.7	33.1	28.0	55.5	20.7			
MAX					46	38	30	87	45			
MIN					0	27	25	22	0			
AC-FT					1,580	1,970	1,720	3,410	1,230			
YEAR 1993	MAX	87	MIN	0	AC-FT	9,920						

PLATTE RIVER BASIN
(LOUP RIVER)

FARWELL (SHERMAN FEEDER) CANAL from Middle Loup River - 1993

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1				0	345	255	203	0	143			
2				0	351	191	246	0	149			
3				0	342	204	274	0	146			
4				0	350	171	275	0	145			
5				0	356	153	273	0	149			
6				0	360	152	297	0	149			
7				0	360	117	304	0	147			
8				0	363	89	241	0	151			
9				0	368	96	192	0	150			
10				0	323	170	202	61	146			
11				0	339	265	197	106	145			
12				0	353	299	205	115	146			
13				0	358	305	202	118	144			
14				0	358	312	202	125	143			
15				0	352	308	199	124	57			
16				0	355	305	199	105	0			
17				0	352	306	199	132	0			
18				0	349	303	185	185	0			
19				0	360	302	165	247	0			
20				0	360	302	116	308	0			
21				0	360	295	61	352	0			
22				0	362	294	18	352	0			
23				59	361	304	0	330	0			
24				101	361	212	0	343	0			
25				101	353	152	0	293	0			
26				171	352	154	0	257	0			
27				233	356	151	0	262	0			
28				301	356	151	0	268	0			
29		-----		349	357	177	0	269	0			
30		-----		357	354	203	0	207	0			
31		-----		-----	352	-----	0	151	-----		-----	
TOTAL				1,672	10,978	6,698	4,455	4,710	2,110			
MEAN				55.7	354	223	144	152	70.3			
MAX				357	368	312	304	352	151			
MIN				0	323	89	0	0	0			
AC-FT				3,320	21,770	13,290	8,840	9,340	4,190			
YEAR 1993	MAX	368	MIN	0	AC-FT	60,740						

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP CANAL NO. 4 from Sherman Feeder Canal - 1993

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 1993

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

NO WATER DIVERTED IN 1993

PLATTE RIVER BASIN
(LOUP RIVER)

MIDDLE LOUP RIVER at Arcadia - 1993

LOCATION.--Sec. 26-17-16 W., Valley County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1937 - present

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.
e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										823	1,140	1,000e
2										819	1,110	940e
3										850	1,190	1,040e
4										768	1,250	1,200e
5										918	1,310	1,100e
6										848	1,150	1,150e
7										925	1,090	1,200e
8										1,200	971	1,300e
9										1,070	872	1,400
10										898	897	1,370
11										881	885	1,370
12										1,030	1,060	1,370
13										1,110	1,590	1,360
14										1,090	1,400	1,350
15										1,010	941	1,350
16										964	862	1,350
17										786	1,060	1,340
18										771	1,260	1,100e
19										1,120	1,150	1,200e
20										1,010	845	1,100e
21										1,030	616	1,030e
22										1,070	651	940e
23										1,210	667	900e
24										1,370	620e	1,100e
25										1,400	560e	1,050e
26										1,260	540e	1,200e
27										923	660e	940e
28										914	800e	860e
29		-----								1,130	780e	800e
30		-----								1,170	900e	840e
31		-----		-----		-----			-----	980	-----	820e
TOTAL										31,348	28,827	35,070
MEAN										1,011	961	1,131
MAX										1,400	1,590	1,400
MIN										768	540	800
AC-FT										62,180	57,180	69,560
YEAR 1993	TOTAL	351,580	MEAN	963	MAX	6,200	MIN	250	AC-FT	697,300		

PLATTE RIVER BASIN
(LOUP RIVER)

SHERMAN RESERVOIR storage in acre-feet - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	50,820	49,880	49,420	49,880	51,770	68,500	68,790	68,200	55,420	54,970	52,970	52,000
2	50,820	49,880	49,420	49,880	52,240	69,080	68,500	67,930	55,170	54,970	52,970	52,000
3	50,580	49,880	49,420	49,650	52,720	69,080	68,500	67,650	54,920	54,970	52,970	52,000
4	50,580	49,880	49,420	49,650	53,210	69,370	68,790	67,090	54,970	54,430	52,970	52,000
5	50,580	49,880	49,650	49,650	53,700	69,650	68,790	66,810	54,430	54,430	52,970	52,000
6	50,580	49,880	49,880	49,650	54,430	69,650	68,500	66,530	54,180	54,430	52,970	52,000
7	50,580	49,880	50,110	49,650	54,920	69,940	68,790	66,530	54,180	54,430	52,970	51,770
8	50,580	49,880	50,350	49,880	55,670	69,650	68,790	65,960	54,180	54,430	52,720	51,770
9	50,580	49,880	50,350	49,650	56,420	69,360	69,360	65,960	54,180	54,430	52,720	51,770
10	50,580	49,880	50,350	49,650	56,930	68,790	69,360	65,400	53,940	54,180	52,720	51,770
11	50,580	49,880	50,350	49,650	57,430	68,790	69,080	64,860	54,180	54,180	52,720	51,770
12	50,580	49,880	50,350	49,650	58,200	68,790	69,080	64,040	54,430	54,180	52,720	51,770
13	50,580	49,880	50,350	49,650	58,720	69,080	69,080	62,940	54,970	54,180	52,720	51,770
14	50,580	49,880	50,350	49,650	59,240	69,080	69,080	62,400	54,970	54,180	52,720	51,770
15	50,580	49,880	50,110	49,650	59,750	69,080	69,080	64,610	54,970	54,180	52,720	51,530
16	50,580	49,880	50,110	49,650	60,280	69,080	69,080	61,080	54,920	53,940	52,720	51,530
17	50,580	49,880	50,110	49,650	60,810	69,080	69,360	60,280	54,920	53,940	52,720	51,530
18	50,350	49,650	50,110	49,650	61,340	69,080	69,360	59,500	55,170	53,940	52,720	51,530
19	50,350	49,650	50,110	49,650	61,610	69,360	69,360	58,720	55,420	53,940	52,480	51,530
20	50,350	49,650	50,110	49,650	62,140	69,360	69,360	57,940	55,170	53,940	52,480	51,530
21	50,350	49,650	50,110	49,650	62,470	69,360	69,360	57,430	55,170	54,700	52,480	51,530
22	50,350	49,650	50,110	49,650	63,490	69,360	69,360	57,180	55,170	54,700	52,480	51,530
23	50,350	49,650	50,110	49,650	64,040	69,360	69,650	56,930	55,170	54,700	52,480	51,290
24	50,350	49,650	49,880	49,650	64,310	70,230	69,360	56,680	55,170	54,700	52,480	51,290
25	50,350	52,000	49,880	49,420	64,860	70,230	69,080	56,680	54,920	54,700	52,240	51,290
26	50,110	49,650	49,880	49,650	65,400	69,650	69,080	56,420	54,920	54,700	52,240	51,290
27	50,110	49,420	49,880	49,880	65,960	69,650	69,360	56,170	54,920	53,550	52,240	51,290
28	50,110	49,420	49,880	50,110	66,530	69,360	69,360	56,170	54,920	53,550	52,240	51,290
29	50,110	-----	49,880	51,350	67,090	69,080	69,080	55,920	54,970	53,550	52,000	51,290
30	50,110	-----	49,880	51,060	67,650	68,790	68,790	55,920	54,970	53,210	52,000	51,060
31	50,110	-----	49,880	-----	67,930	-----	68,500	55,670	-----	53,210	-----	51,060
MAX	50,820	52,000	50,350	51,350	67,930	70,230	69,650	68,200	55,420	54,970	52,970	52,000
MIN	50,110	49,420	49,420	49,420	51,770	68,500	68,500	55,670	53,940	53,210	52,000	51,060
CHANGE	-710	-690	460	1,180	16,870	860	-290	-12,830	-700	-1,760	-1,210	-940
YEAR 1993			MEAN	56,150	MAX	70,230	MIN	49,420				

PLATTE RIVER BASIN
(LOUP RIVER)

FARWELL "MAIN" CANAL from Sherman Reservoir - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						0	133	62	129			
2						0	133	62	120			
3						0	133	62	110			
4						0	133	62	96			
5						0	133	62	93			
6						0	120	65	81			
7						43	115	78	68			
8						71	115	83	53			
9						96	106	131	44			
10						106	104	216	13			
11						106	104	282	0			
12						106	102	313	0			
13						106	100	316	0			
14						106	92	298	0			
15						115	89	291	0			
16						120	83	306	0			
17						120	82	347	0			
18						121	82	368	0			
19						121	82	368	0			
20						121	82	349	0			
21						122	82	316	0			
22						132	78	306	0			
23						137	80	220	0			
24						137	76	178	0			
25						135	72	158	0			
26						135	74	149	0			
27						135	74	153	0			
28						135	66	151	0			
29		-----				135	62	149	0			
30		-----				133	62	149	0			
31		-----		-----		-----	62	141	-----		-----	
TOTAL						2,794	2,911	6,191	807			
MEAN						93.1	93.9	200	26.9			
MAX						137	133	368	129			
MIN						0	62	62	0			
AC-FT						5,540	5,770	12,280	1,600			
YEAR 1993	MAX	368	MIN	0	AC-FT	25,200						

PLATTE RIVER BASIN
(LOUP RIVER)

FARWELL "SOUTH" CANAL from Sherman Reservoir - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						0	60	25	92			
2						0	59	25	90			
3						0	59	25	87			
4						0	59	27	90			
5						0	59	30	92			
6						0	56	32	83			
7						40	56	31	76			
8						62	52	31	68			
9						61	44	40	59			
10						60	41	69	17			
11						60	41	108	0			
12						60	43	137	0			
13						61	44	143	0			
14						61	42	139	0			
15						60	38	138	0			
16						66	37	151	0			
17						70	37	180	0			
18						70	37	194	0			
19						70	33	202	0			
20						70	32	202	0			
21						70	32	187	0			
22						69	29	182	0			
23						70	25	160	0			
24						70	24	146	0			
25						67	24	143	0			
26						64	28	143	0			
27						64	30	146	0			
28						64	26	136	0			
29		-----				66	25	133	0			
30		-----				64	25	116	0			
31		-----		-----		-----	25	100	-----		-----	
TOTAL						1,539	1,222	3,521	754			
MEAN						51.3	39.4	114	25.1			
MAX						70	60	202	92			
MIN						0	24	25	0			
AC-FT						3,050	2,420	6,980	1,500			
YEAR 1993	MAX	202	MIN	0	AC-FT	13,960						

PLATTE RIVER BASIN
(LOUP RIVER)

321

TURKEY CREEK near Dannebrog - 1993

LOCATION.--SW1/4NW1/4 Sec. 26-14-11 W., Howard County

GAGE.--Continuous stage recorder

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

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										13	13	12
2										13	12	12
3										13	12	12
4										13	12	12
5										13	11	12
6										13	11	11
7										13	11	11
8										13	12	11
9										14	12	11
10										13	11	11 e
11										13	11	11
12										13	14	12
13										13	18	12
14										13	12	13
15										13	11	11
16										13	11	11
17										12	12	11
18										12	12	11
19										12	13	11
20										12	13	11
21										12	12	10 e
22										12	12	9.4
23										13	12	10
24										13	10 e	10
25										13	9.4e	11
26										12	9.0e	11
27										12	9.6e	10 e
28										13	9.0e	9.4e
29		-----								13	11	9.0e
30		-----								13	12	9.2e
31		-----		-----		-----			-----	13	-----	9.6e
TOTAL										396	350.0	337.6
MEAN										12.8	11.7	10.9
MAX										14	18	13
MIN										12	9.0	9.0
AC-FT										785	694	670
YEAR 1993	TOTAL	17,191.2	MEAN	47.1	MAX	1050	MIN	6.1	AC-FT	34,100		

PLATTE RIVER BASIN
(LOUP RIVER)

TAYLOR-ORD CANAL from North Loup River - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	64	67	50	101			
2					0	65	68	46	106			
3					0	66	71	57	108			
4					0	67	69	54	104			
5					0	63	62	56	109			
6					0	65	64	64	108			
7					0	68	77	66	107			
8					0	66	93	63	101			
9					0	63	74	72	91			
10					78	65	58	85	89			
11					112	66	54	122	70			
12					55	65	56	136	73			
13					52	72	56	145	68			
14					59	61	61	142	59			
15					60	62	53	141	65			
16					55	65	57	147	71			
17					54	62	63	150	69			
18					56	65	63	167	64			
19					59	65	52	168	70			
20					60	60	72	149	69			
21					61	62	52	151	67			
22					60	64	58	139	27			
23					51	64	57	123	9.6			
24					57	71	57	98	3.8			
25					62	65	55	98	0			
26					61	63	54	99	0			
27					61	65	60	98	0			
28					67	66	54	100	0			
29		-----			67	65	53	103	0			
30		-----			67	63	48	106	0			
31		-----	-----	-----	65	-----	49	102	-----		-----	
TOTAL					1,379	1,943	1,887	3,297	1,809.4			
MEAN					44.5	64.8	60.9	106	60.3			
MAX					112	72	93	168	109			
MIN					0	60	48	46	0			
AC-FT					2,740	3,850	3,740	6,540	3,590			
YEAR 1993	MAX	168	MIN	0	AC-FT	20,460						

PLATTE RIVER BASIN
(LOUP RIVER)

TAYLOR-ORD CANAL inlet to Mirdan Canal - 1993

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

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	41	48	39	68			
2					0	43	51	38	68			
3					0	43	52	40	69			
4					0	46	56	44	73			
5					0	47	47	44	75			
6					0	44	46	46	81			
7					0	43	51	50	82			
8					0	47	75	49	85			
9					0	45	75	48	83			
10					0	40	45	51	80			
11					0	45	46	69	75			
12					28	45	43	83	71			
13					39	51	46	90	73			
14					40	42	45	94	62			
15					41	41	43	97	52			
16					41	43	39	96	54			
17					38	45	45	94	55			
18					31	48	45	103	53			
19					35	49	36	110	59			
20					35	46	46	96	57			
21					37	45	42	98	57			
22					35	45	40	100	43			
23					31	50	41	101	20			
24					30	53	41	87	7.0			
25					34	49	41	82	0			
26					37	47	40	81	0			
27					35	46	55	82	0			
28					38	47	39	83	0			
29		-----			42	47	43	83	0			
30		-----			42	51	39	78	0			
31		-----		-----	42	-----	38	69	-----		-----	
TOTAL					731	1,374	1,439	2,325	1,502.0			
MEAN					23.6	45.8	46.4	75.0	50.1			
MAX					42	53	75	110	85			
MIN					0	40	36	38	0			
AC-FT					1,450	2,730	2,850	4,610	2,980			
YEAR 1993	MAX	110	MIN	0	AC-FT	14,620						

P L A T T E R I V E R B A S I N
(L O U P R I V E R)

TAYLOR-ORD CANAL outlet from Mirdan Canal - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	24	34	21	54			
2					0	26	34	29	51			
3					0	25	36	39	47			
4					0	28	39	46	56			
5					0	30	34	45	66			
6					0	26	31	44	76			
7					0	27	33	48	70			
8					0	28	50	51	70			
9					0	28	60	46	74			
10					0	28	37	44	73			
11					0	28	32	49	74			
12					45	29	28	58	69			
13					45	30	30	69	69			
14					40	28	28	79	66			
15					41	26	27	84	60			
16					44	26	25	84	51			
17					42	27	27	75	53			
18					39	29	28	71	56			
19					37	29	25	78	59			
20					37	27	24	76	60			
21					38	27	28	74	57			
22					38	28	27	77	52			
23					38	31	24	79	34			
24					35	34	23	80	13			
25					34	34	24	77	0			
26					37	32	22	75	0			
27					37	32	32	73	0			
28					27	32	27	74	0			
29		-----			24	32	23	75	0			
30		-----			24	37	23	71	0			
31		-----		-----	24	-----	21	61	-----		-----	
TOTAL					726	868	936	1,952	1,410			
MEAN					23.4	28.9	30.2	63.0	47.0			
MAX					45	37	60	84	76			
MIN					0	24	21	21	0			
AC-FT					1,440	1,720	1,860	3,870	2,800			
YEAR 1993	MAX	84	MIN	0	AC-FT	11,690						

PLATTE RIVER BASIN
(LOUP RIVER)

CALAMUS RESERVOIR from Calamus River - 1993

LOCATION.--NE1/4SW1/4 Sec. 31-22-16 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1985 - present

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

DAILY CONTENTS IN ACRE-FEET FOR 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	108,380	108,430	108,700	125,460	128,320	128,070	125,460	116,790	106,910	98,820	107,690	108,200
2	108,240	108,740	108,800	125,410	128,270	128,320	124,750	116,400	106,600	98,950	107,920	108,520
3	108,290	108,740	108,800	125,770	128,320	128,020	124,050	116,210	106,000	99,030	107,970	108,430
4	108,470	108,740	108,890	126,280	128,580	128,270	123,900	115,820	105,780	99,300	108,100	108,340
5	108,610	108,430	109,030	126,380	128,630	128,020	123,340	115,580	105,550	99,510	108,060	108,430
6	108,570	108,740	109,260	126,630	128,740	128,120	122,700	115,340	104,960	99,950	107,970	108,340
7	108,430	108,700	109,630	12,700	128,890	128,170	122,090	115,400	104,560	100,300	108,150	108,430
8	108,570	108,610	110,090	127,600	128,780	128,170	121,700	115,050	104,240	100,820	108,010	108,470
9	108,700	108,610	110,840	127,860	128,920	127,910	121,500	114,910	103,930	101,570	108,010	108,230
10	108,700	108,660	111,870	127,910	128,430	127,760	121,300	114,820	103,390	101,970	108,010	108,470
11	108,700	108,700	112,860	127,810	128,270	127,760	121,000	114,380	103,080	102,500	108,060	108,430
12	108,890	108,520	113,670	127,660	128,580	127,660	120,310	114,100	102,810	103,080	107,970	108,340
13	108,750	108,520	114,430	128,220	128,480	127,960	120,210	113,680	102,640	103,530	108,570	108,430
14	108,700	108,570	115,100	128,320	128,320	127,910	119,670	112,860	102,150	103,880	108,470	108,430
15	108,840	108,610	115,730	128,380	128,170	127,810	119,029	112,530	101,750	104,470	108,610	108,240
16	108,800	108,610	116,400	128,430	128,170	127,910	118,780	112,390	101,350	104,960	108,660	108,380
17	108,750	108,570	116,930	128,580	128,070	127,810	119,420	112,100	101,310	105,510	108,570	108,520
18	108,700	108,430	117,520	128,790	128,070	127,810	118,880	111,820	101,090	105,870	108,520	108,430
19	108,560	108,430	118,000	128,940	128,220	127,810	118,740	111,540	101,090	106,280	108,430	108,430
20	108,560	108,740	118,780	129,050	128,020	127,810	118,440	111,220	101,090	106,690	108,380	108,470
21	108,560	108,740	119,320	128,790	128,070	127,760	118,150	110,750	100,520	107,050	108,240	108,430
22	108,700	108,520	119,860	128,430	127,910	127,710	118,100	110,650	100,340	107,510	108,060	108,290
23	108,700	108,470	120,460	128,380	128,220	127,860	118,200	110,420	100,210	107,740	108,100	108,290
24	108,570	108,470	120,950	128,320	128,070	128,380	117,900	110,000	100,120	107,830	108,150	108,430
25	108,570	108,520	121,600	128,270	127,860	127,960	117,710	109,720	99,900	107,880	107,738	108,520
26	108,570	108,520	122,140	128,120	127,860	127,600	117,520	109,350	99,860	107,880	107,690	108,520
27	108,570	108,520	122,740	128,070	127,810	127,140	117,520	109,070	99,560	107,650	107,650	108,520
28	108,520	108,660	123,330	128,170	128,110	127,090	117,470	108,520	99,470	107,650	107,650	108,520
29	108,520	-----	124,100	128,170	128,120	126,390	117,180	108,150	99,210	107,970	107,970	108,520
30	108,340	-----	124,800	128,120	128,070	126,790	117,080	107,830	98,950	107,650	108,100	108,470
31	108,430	-----	125,360	-----	128,070	-----	117,080	107,280	-----	107,650	-----	108,520
MAX	108,890	108,740	125,360	129,050	128,920	128,380	125,460	116,790	106,910	107,970	108,660	108,520
MIN	108,240	108,430	108,700	12,700	127,810	126,390	117,080	107,280	98,950	98,820	107,650	108,200
CHANGE	90	240	16,700	2,760	-50.0	-1,280	-9,710	-9,800	-8,330	8,700	450	420
YEAR 1993			MEAN	114,094	MAX	129,050	MIN	12,700				

PLATTE RIVER BASIN
(LOUP RIVER)

MIRDAN CANAL from Calamus Reservoir - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1				0	292	284	274	69	145			
2				0	286	299	270	66	126			
3				0	279	291	266	71	119			
4				0	275	290	263	77	133			
5				0	271	294	260	77	125			
6				0	270	293	257	78	107			
7				0	268	309	256	79	92			
8				0	267	309	225	79	86			
9				0	265	310	178	86	82			
10				0	264	313	166	129	64			
11				0	272	315	168	150	60			
12				0	273	321	169	169	61			
13				0	267	322	166	189	81			
14				0	278	321	167	185	73			
15				0	282	322	162	175	75			
16				0	281	321	157	140	83			
17				0	284	319	157	115	88			
18				0	290	319	156	130	88			
19				60	291	319	155	149	89			
20				83	291	321	159	151	60			
21				89	296	319	131	149	53			
22				130	296	268	122	149	13			
23				166	295	258	122	141	0			
24				183	293	261	80	141	0			
25				202	295	271	66	136	0			
26				220	295	273	57	138	0			
27				264	295	277	51	138	0			
28				288	280	279	51	163	0			
29		-----		291	270	280	51	171	0			
30		-----		291	269	278	50	179	0			
31		-----		-----	270	-----	58	151	-----		-----	
TOTAL				2,267	8,700	8,956	4,870	4,020	1,903			
MEAN				75.6	281	299	157	130	63.4			
MAX				291	296	322	274	189	145			
MIN				0	264	258	50	66	0			
AC-FT				4,500	17,260	17,760	9,660	7,970	3,770			
YEAR 1993	MAX	322	MIN	0	AC-FT	60,930						

PLATTE RIVER BASIN
(LOUP RIVER)

SCOTIA CANAL from Mirdan Canal - 1993

LOCATION.--SW1/4NE1/4 Sec. 23-18-15 W. near Arcadia

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989 to present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						0	28	28	79			
2						0	28	28	68			
3						0	27	27	62			
4						0	27	28	62			
5						0	28	28	63			
6						0	28	28	57			
7						11	28	28	53			
8						21	29	28	53			
9						21	28	33	54			
10						21	27	57	40			
11						21	27	71	34			
12						21	27	73	35			
13						21	27	74	40			
14						25	27	72	36			
15						27	27	66	32			
16						27	27	62	32			
17						27	28	69	32			
18						27	28	81	32			
19						28	28	88	34			
20						28	28	86	24			
21						28	28	81	19			
22						28	29	81	7.0			
23						27	29	82	.96			
24						27	29	82	.92			
25						27	28	83	.45			
26						27	29	83	0			
27						26	29	80	0			
28						27	28	81	0			
29		-----				27	28	81	0			
30		-----				28	28	83	0			
31		-----		-----		-----	28	80	-----		-----	
TOTAL						598	865	1,952	950.33			
MEAN						19.9	27.9	63.0	31.7			
MAX						28	29	88	79			
MIN						0	27	27	0			
AC-FT						1,190	1,720	3,870	1,880			
YEAR 1993	MAX	88	MIN	0	AC-FT	8,660						

PLATTE RIVER BASIN
(LOUP RIVER)

INLET TO DAVIS CREEK RESERVOIR from Mirdan Canal - 1993

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

GAGE.--Continuous stage recorder and Ramp Flume

PERIOD OF RECORD.--1991 to present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1				0	240	247	200	21	6.4	22		
2				0	248	246	201	19	7.3	23		
3				0	249	247	199	18	7.5	24		
4				0	246	248	199	18	7.5	24		
5				0	242	248	200	17	7.5	25		
6				0	241	249	200	16	7.5	26		
7				0	240	248	200	12	7.5	28		
8				0	239	246	175	6.8	7.5	31		
9				0	240	245	131	8.6	6.7	31		
10				0	240	246	109	5.8	7.1	22		
11				0	242	247	109	1.7	6.5	2.0		
12				0	241	247	113	0	6.0	0		
13				0	240	248	114	0	6.0	0		
14				0	242	249	112	11	5.9	0		
15				0	240	249	115	24	5.9	0		
16				0	238	249	116	21	6.4	0		
17				0	237	250	117	15	7.5	0		
18				0	240	249	116	12	12	0		
19				0	243	251	116	4.5	16	0		
20					243	251	117	3.5	17	0		
21				16	243	250	92	3.6	10	0		
22				69	243	233	70	4.7	17	0		
23				123	248	204	69	5.3	25	0		
24				132	248	209	43	2.0	29	0		
25				144	249	205	20	1.7	31	0		
26				164	247	200	27	2.4	30	0		
27				193	246	199	35	2.2	28	0		
28				238	248	199	24	2.2	26	0		
29		-----		241	248	198	21	3.6	25	0		
30		-----		238	247	200	23	5.2	23	0		
31		-----		-----	247	-----	22	6.5	-----	0	-----	
TOTAL				1,558	7,545	7,057	3,405	274.3	405.7	258.0		
MEAN				53.7	243	235	110	8.85	13.5	8.32		
MAX				241	249	251	201	24	31	31		
MIN				0	237	198	20	0	5.9	0		
AC-FT				3,090	14,970	14,000	6,750	544	805	512		
YEAR 1993	MAX	251	MIN	0	AC-FT	40,670						

PLATTE RIVER BASIN
(LOUP RIVER)

DAVIS CREEK RESERVOIR from Calamus Reservoir via Mirdan Canal - 1993

LOCATION.--NW1/4SW1/4 Sec. 30-17-12 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1992 to present

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

DAILY CONTENTS IN ACRE-FEET FOR 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	10,670	9,985	9,501	9,285	12,000	24,060	31,350	29,800	20,530	11,500	11,660	11,120
2	10,650	9,969	9,501	9,255	12,420	24,560	31,400	29,520	20,180	11,500	11,510	11,110
3	10,620	9,948	9,496	9,236	12,860	24,790	31,380	29,180	19,840	11,530	11,510	11,100
4	10,590	9,932	9,511	9,221	13,300	25,040	31,400	28,850	19,490	11,560	11,480	11,080
5	10,560	9,912	9,526	9,206	13,710	25,600	31,420	28,560	19,140	11,610	11,480	11,070
6	10,540	9,912	9,547	9,206	14,140	25,970	31,420	28,260	18,800	11,660	11,460	11,060
7	10,520	9,906	9,562	9,206	14,560	26,350	31,400	28,000	18,620	11,680	11,450	11,050
8	10,500	9,901	9,582	9,191	15,000	26,690	31,460	27,720	18,310	11,780	11,430	11,020
9	10,480	9,880	9,587	9,176	15,420	27,000	31,550	27,430	17,800	11,800	11,410	11,190
10	10,460	9,865	9,587	9,161	15,800	27,320	31,440	27,150	17,350	11,810	11,390	11,180
11	10,450	9,849	9,582	9,146	16,190	27,690	31,320	26,820	16,930	11,840	11,370	10,990
12	10,420	9,829	9,577	9,127	16,600	28,040	31,140	26,550	16,460	11,850	11,360	10,990
13	10,400	9,808	9,557	9,117	16,990	28,540	31,250	26,200	16,140	11,850	11,360	10,980
14	10,370	9,792	9,537	9,112	17,370	28,840	31,230	25,940	15,730	11,840	11,350	10,960
15	10,350	9,772	9,526	9,102	17,740	29,130	31,250	25,630	15,100	11,840	11,350	10,950
16	10,330	9,746	9,506	9,087	18,140	29,450	31,270	25,390	14,580	11,830	11,350	10,930
17	10,310	9,720	9,586	9,087	18,470	29,660	31,410	25,150	14,060	11,820	11,340	10,920
18	10,280	9,695	9,476	9,082	18,860	29,990	31,460	24,920	13,540	11,810	11,330	10,900
19	10,250	9,684	9,466	9,092	19,220	30,320	31,470	24,670	13,760	11,800	11,310	10,890
20	10,230	9,669	9,456	9,073	19,620	30,650	31,480	24,320	12,960	11,800	11,290	10,870
21	10,220	9,654	9,446	9,065	19,990	30,960	31,460	24,100	12,240	11,770	11,280	10,860
22	10,210	9,638	9,435	9,052	20,360	31,280	31,520	23,870	11,830	11,730	11,270	10,840
23	10,180	9,623	9,420	9,265	20,760	31,520	32,000	23,510	11,480	11,720	11,260	10,830
24	10,160	9,608	9,405	9,501	21,110	31,850	31,960	23,230	11,310	11,700	11,230	10,820
25	10,130	9,572	9,390	9,741	21,470	31,750	31,580	22,840	11,280	11,700	11,220	10,800
26	10,110	9,552	9,325	9,990	21,840	31,640	31,330	22,510	11,300	11,670	11,200	10,780
27	10,090	9,531	9,365	10,310	22,230	31,580	31,300	22,130	11,360	11,640	11,180	10,770
28	10,060	9,516	9,355	10,720	22,600	31,430	31,060	21,750	11,400	11,620	11,160	10,750
29	10,040	-----	9,345	11,160	22,970	31,300	30,720	21,370	11,430	11,600	11,140	10,730
30	10,020	-----	9,330	11,580	23,370	31,330	30,430	21,180	11,460	11,640	11,130	10,710
31	10,000	-----	9,315	-----	23,710	-----	30,100	20,810	-----	11,650	-----	10,700
MAX	10,670	9,985	9,587	11,580	23,710	31,850	32,000	29,800	20,530	11,850	11,660	11,190
MIN	10,000	9,516	9,315	9,052	12,000	24,060	30,100	20,810	11,280	11,500	11,130	10,700
CHANGE	-695	-484	-201	2,265	12,130	7,620	-1,230	-9,290	-9,350	190	-520	-430
YEAR 1993			MEAN	16,025		MAX	32,000		MIN	9,052		

PLATTE RIVER BASIN
(LOUP RIVER)

FULLERTON CANAL from Davis Creek Reservoir - 1993

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

GAGE.--Continuous stage recorder and Ramp flume

PERIOD OF RECORD.--1992 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1						0	133	126	153			
2						0	133	125	153			
3						0	133	124	154			
4						0	134	124	152			
5						0	134	125	153			
6						0	148	125	153			
7						0	155	126	152			
8						0	132	126	187			
9						0	120	126	207			
10						0	120	127	207			
11						0	120	127	207			
12						0	78	126	205			
13						3.9	58	126	204			
14						24	58	125	240			
15						23	59	123	257			
16						60	59	123	257			
17						22	59	122	256			
18						19	59	122	255			
19						19	60	122	254			
20						19	65	122	253			
21						20	38	121	247			
22						36	22	121	202			
23						95	59	121	123			
24						158	114	140	74			
25						183	130	154	22			
26						184	128	154	0			
27						182	127	154	0			
28						183	125	155	0			
29		-----				151	125	154	0			
30		-----				133	126	152	0			
31		-----		-----		-----	126	152	-----		-----	
TOTAL						1,514.9	3,137	4,070	4,727			
MEAN						50.5	101	131	158			
MAX						184	155	155	257			
MIN						0	22	121	0			
AC-FT						3,000	6,220	8,070	9,380			
YEAR 1993	MAX	257	MIN	0	AC-FT	26,680						

PLATTE RIVER BASIN
(LOUP RIVER)

BURWELL-SUMTER CANAL from North Loup River - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	34	31	26	59			
2					0	35	29	28	59			
3					46	35	29	28	59			
4					76	36	29	30	59			
5					44	35	30	32	60			
6					36	35	31	37	58			
7					39	35	39	40	52			
8					36	33	56	47	44			
9					34	31	44	54	40			
10					28	32	33	66	42			
11					10	34	28	81	40			
12					18	34	30	82	39			
13					30	36	41	81	39			
14					31	34	33	80	34			
15					31	33	34	78	29			
16					30	32	33	73	29			
17					30	30	34	68	29			
18					29	30	26	66	30			
19					28	28	30	68	31			
20					27	28	32	68	23			
21					26	28	29	68	11			
22					25	30	28	71	.02			
23					23	32	28	66	0			
24					22	35	26	64	0			
25					26	32	25	65	0			
26					31	32	26	63	0			
27					30	30	33	60	0			
28					30	30	29	54	0			
29		-----			30	31	30	61	0			
30		-----			32	33	29	59	0			
31		-----		-----	34	-----	27	57	-----		-----	
TOTAL					912	973	982	1,821	866.02			
MEAN					29.4	32.4	31.7	58.7	28.9			
MAX					76	36	56	82	60			
MIN					0	28	25	26	0			
AC-FT					1,810	1,930	1,950	3,610	1,720			
YEAR 1993	MAX	82	MIN	0	AC-FT	11,020						

PLATTE RIVER BASIN
(LOUP RIVER)

ORD-NORTH LOUP CANAL from North Loup River - 1993

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 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1					0	20	15	15	10			
2					0	19	20	15	11			
3					40	23	21	17	12			
4					30	20	43	22	12			
5					16	19	21	24	13			
6					18	27	18	33	13			
7					20	18	17	37	13			
8					18	22	22	36	12			
9					16	19	18	37	12			
10					16	20	15	45	5.2			
11					14	20	20	58	0			
12					20	18	17	67	0			
13					20	18	22	70	0			
14					16	16	17	68	0			
15					9.5	12	17	67	0			
16					9.3	18	16	65	0			
17					9.1	23	21	65	0			
18					8.6	21	17	67	0			
19					9.4	20	21	68	0			
20					8.5	19	16	76	0			
21					15	12	17	77	0			
22					19	18	17	78	0			
23					22	27	16	78	0			
24					19	18	16	78	0			
25					28	20	15	79	0			
26					16	21	15	73	0			
27					18	18	17	63	0			
28					18	18	15	63	0			
29		-----			17	19	15	62	0			
30		-----			18	21	15	29	0			
31		-----		-----	21	-----	15	10	-----		-----	
TOTAL					509.4	584	567	1,642	113.2			
MEAN					16.4	19.5	18.3	53.0	3.77			
MAX					40	27	43	79	13			
MIN					0	12	15	10	0			
AC-FT					1,010	1,160	1,120	3,260	225			
YEAR 1993	MAX	79	MIN	0	AC-FT	6,770						

PLATTE RIVER BASIN
(LOUP RIVER)

MIRA CREEK near North Loup - 1993

LOCATION.--NW1/4SE1/4 Sec. 7-18-13 W., Valley County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1979 - present

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										5.8	1.7	2.2
2										5.8	1.8	2.1
3										5.0	1.8	2.1
4										4.0	1.9	2.0
5										3.3	1.7	2.0
6										2.8	1.5	1.4
7										2.9	2.0	1.7
8										6.2	2.1	1.7
9										6.5	2.1	2.1
10										4.2	2.0	2.1
11										3.6	1.9	1.9
12										3.4	2.6	2.3
13										3.2	3.6	2.7
14										2.8	2.3	1.6
15										2.7	2.0	2.1
16										2.5	2.0	2.1
17										2.3	2.1	2.1
18										2.3	2.1	1.9
19										2.2	2.1	2.2
20										1.9	2.2	1.8
21										1.7	2.1	1.8
22										1.7	2.0	1.5
23										1.9	1.6	1.4
24										2.0	1.6	1.3
25										2.0	2.1	1.4
26										1.9	2.9	1.4
27										1.9	2.3	1.3
28										2.3	2.1	1.3
29		-----								1.8	2.1	1.3
30		-----								1.4	2.1	1.3
31		-----		-----		-----			-----	1.5	-----	1.4
TOTAL										93.5	62.4	55.5
MEAN										3.02	2.08	1.79
MAX										6.5	3.6	2.7
MIN										1.4	1.5	1.3
AC-FT										185	124	110
YEAR 1993	TOTAL	6924.61	MEAN	19.0	MAX	1160	MIN	0.60	AC-FT	13730		

334 PLATTE RIVER BASIN
(LOUP RIVER)

LOUP RIVER POWER CANAL from the Loup River near Genoa - 1993

LOCATION.--NE1/4NE1/4 Sec. 32-17-4 W., Nance County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1936 - present

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										2,220	2,520	419
2										2,250	2,540	599
3										2,310	2,520	324
4										2,240	2,530	159
5										2,220	2,640	787
6										2,130	1,220	861
7										2,060	1,640	817
8										2,370	2,500	624
9										2,550	2,500	1,080
10										2,480	2,510	1,890
11										2,510	2,440	1,510
12										2,500	2,410	2,540
13										2,570	2,390	2,200
14										2,550	2,510	191
15										2,520	2,530	808
16										2,520	2,600	2,510
17										2,560	2,590	2,670
18										2,530	2,640	2,660
19										2,490	2,610	1,390
20										2,490	2,590	396
21										2,460	2,630	171
22										2,530	2,630	102
23										2,570	2,230	99
24										2,580	93	94
25										2,580	40	87
26										2,580	6.0	240
27										2,540	5.0e	166
28										2,520	288	139
29		-----								2,530	234	126
30		-----								2,580	194	148
31		-----		-----		-----			-----	2,530	-----	176
TOTAL										76,070	56,780.0	25,983
MEAN										2,454	1,893	838
MAX										2,580	2,640	2,670
MIN										2,060	5.0	87
AC-FT										150,900	112,600	51,540
YEAR 1993	TOTAL	686,920	MEAN	1,882	MAX	2,670	MIN	5.0	AC-FT	1,362,000		

PLATTE RIVER BASIN
(LOUP RIVER)

BEAVER CREEK at Loretto - 1993

LOCATION.--NE1/4SE1/4 Sec. 26-21-7 W.

GAGE.--Continuous stage recorder

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

REMARKS.--Record published by U. S. Geological Survey through Sep. 1991
e = estimated discharge

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 5,600 cubic feet per second on August 29 at gage height 11.88 ft.
Minimum daily discharge 45 cubic feet per second estimated on January 1.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	45e	72	90e	143	109	154	102	106	116	74	70	82e
2	47e	72	87e	137	111	158	90	91	77	72	70	90e
3	50e	71	85	122	107	156	84	82	59	71	71	95e
4	50e	74	92	111	101	157	191	76	54	70	70	93e
5	48e	92	120	104	96	163	246	72	55	70	69	91e
6	46e	140	322	99	95	163	162	69	91	70	67	90e
7	47e	204	822	113	111	162	124	65	82	70	70	89e
8	47e	263	1,360	213	181	150	148	63	79	72	70	85
9	48e	173	996	243	272	130	235	62	76	135	70	84
10	50e	127	679	201	361	113	236	59	72	147	70	84
11	52e	104	395	166	408	103	229	57	70	121	70	85
12	52e	75	270	137	441	96	197	56	70	106	72	85
13	50e	66e	205	126	393	92	265	55	65	100	103	82
14	52e	68e	167	176	368	98	263	55	62	91	121	82
15	53e	66e	151	227	275	95	220	57	63	89	121	82
16	53e	68e	143	226	216	90	180	64	64	87	115	80
17	56e	60e	136	204	189	84	219	60	64	84	117	79
18	55e	73e	127	182	163	86	259	109	74	83	124	82
19	54e	78e	117	174	141	90	264	315	217	82	120	83
20	55e	83e	130	327	125	88	253	184	179	80	111	82
21	60e	80e	135	457	117	81	221	103	121	79	102	79
22	65e	83e	134	356	110	74	232	86	101	76	96	64
23	63e	85e	135	249	105	72	267	81	91	76	91	56
24	60e	87e	136	200	100	202	249	72	86	77	66	74
25	56e	90e	135	166	95	224	215	65	83	75	60e	70e
26	63e	93e	134	143	93	162	180	60	82	71	55e	65e
27	61e	97e	130	129	91	123	187	63	81	70	58e	63e
28	58e	100e	124	120	90	105	197	63	78	70	64e	57e
29	55e	-----	143	114	98	93	162	630	76	70	70e	55e
30	60e	-----	158	110	116	93	137	2,830	74	70	80e	60e
31	68e	-----	149	-----	139	-----	121	246	-----	70	-----	70e
TOTAL	1,679	2,744	8,007	5,475	5,417	3,657	6,135	6,056	2,562	2,578	2,513	2,418
MEAN	54.2	98.0	258	183	175	122	198	195	85.4	83.2	83.8	78.0
MAX	68	263	1,360	457	441	224	267	2,830	217	147	124	95
MIN	45	60	85	99	90	72	84	55	54	70	55	55
AC-FT	3,330	5,440	15,880	10,860	10,740	7,250	12,170	12,010	5,080	5,110	4,980	4,800
YEAR 1993	TOTAL	49,241	MEAN	135	MAX	2,830	MIN	45	AC-FT	97,670		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

ELKHORN RIVER near Atkinson - 1993

LOCATION.--SW1/4NW1/4 Sec. 13-29-14 W., Holt County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1982 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1991.
e = estimate discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,990 cubic feet per second on July 14 at gage height 8.46 feet.
Minimum daily discharge 22 cubic feet per second on January 28.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	23e	30e	56e	169	357	113	122	621	76	75	87	85e
2	29e	33e	60e	171	581	109	145	513	74	73	86	98
3	34e	37e	66e	168	602	106	242	413	70	72	86	96
4	33e	38e	72e	159	531	116	421	347	69	70	86	105
5	32e	42e	78	147	462	120	554	298	78	68	83	116
6	30e	41e	143	141	415	120	500	258	81	68	82	113
7	29e	42e	398	184	465	117	407	226	82	66	82	114
8	30e	40e	644	295	861	105	397	201	82	81	80	107
9	29e	41e	662	352	1,310	100	423	186	80	166	80	108
10	28e	40e	585	331	1,420	94	421	167	76	257	81	117
11	28e	38e	511	296	1,120	88	872	151	75	284	82	118
12	28e	37e	445	258	852	82	1,220	137	73	255	84e	121
13	29e	34e	357	255	647	82	1,690	127	77	225	86e	123
14	29e	32e	308	320	509	79	1,920	119	74	202	86e	110
15	30e	31e	286	421	396	75	1,770	112	71	187	88e	100e
16	28e	29e	277	546	328	71	1,520	134	71	173	91e	94e
17	29e	31e	241	583	271	67	1,600	121	70	163	94e	90e
18	29e	36e	184	528	220	73	1,830	118	75	156	98e	86e
19	30e	42e	193	580	190	82	1,780	113	90	148	98e	85e
20	30e	40e	199	1,130	168	92	1,640	109	109	141	100e	84e
21	31e	37e	207	1,190	152	97	1,570	106	122	135	98e	83e
22	29e	34e	205	894	140	93	1,490	113	121	132	98e	75e
23	25e	34e	201	693	142	93	1,380	110	115	126	100e	71e
24	24e	33e	202	568	156	115	1,290	104	109	121	82e	72e
25	26e	32e	198	456	164	129	1,210	99	105	114	75e	72e
26	28e	35e	194	385	147	144	1,110	94	99	106	70e	68e
27	25e	40e	187	326	140	134	1,080	94	91	101	68e	66e
28	22e	50e	176	269	126	130	1,070	88	86	98	70e	66e
29	24e	-----	168	232	125	123	993	88	82	93	70e	65e
30	27e	-----	164	241	125	125	853	83	80	89	73e	64e
31	29e	-----	161	-----	122	-----	730	79	-----	88	-----	66e
TOTAL	877	1,029	7,828	12,288	13,244	3,074	32,250	5,529	2,563	4,133	2,544	2,838
MEAN	28.3	36.8	253	410	427	102	1,040	178	85.4	133	84.8	91.5
MAX	34	50	662	1,190	1,420	144	1,920	621	122	284	100	123
MIN	22	29	56	141	122	67	122	79	69	66	68	64
AC-FT	1,740	2,040	15,530	24,370	26,270	6,100	63,970	10,970	5,080	8,200	5,050	5,630
YEAR 1993	TOTAL	88,197	MEAN	242	MAX	1,920	MIN	22	AC-FT	174,900		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

SOUTH FORK ELKHORN RIVER near Ewing - 1993

LOCATION.--SE1/4NE1/4 Sec. 7-26-9 W.

GAGE.--Continuous Stage Recorder

PERIOD OF RECORD.--Oct. 1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. See USGS reports for period of record before 1977.
e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 1530 cubic feet per second on May 11 at gage height 3.77 feet.
Maximum gage height of 3.80 feet on March 9. Less discharge than peak due to channel conditions.
Minimum daily discharge 30 cubic feet per second on January 9, 10, 13.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	32e	59	80e	160	137	177	122	220	61	53	60	70e
2	35e	59	64e	163	164	149	128	196	61	51	59	77
3	35e	58	66e	162	204	123	138	164	60	51	57	76
4	34e	59	68e	155	220	137	222	136	59	49	57	80
5	33e	66	70e	141	201	148	299	119	67	49	55	86
6	32e	72	81	135	211	156	337	105	65	49	59	84
7	32e	85	137	150	270	164	323	100	65	49	55	80
8	31e	104	645	302	468	152	332	94	65	54	54	84
9	30e	128	1,230	534	823	139	646	89	64	65	54	86
10	30e	151	871	486	1,250	127	718	83	64	86	55	84
11	33e	124	616	304	1,280	119	755	76	64	106	56	80
12	32e	95	410	240	906	108	737	70	63	107	62	83
13	30e	83	251	268	577	107	758	67	63	97	72	84
14	35e	72	197	499	358	99	670	64	61	91	82	79
15	34e	60e	169	760	244	96	690	66	60	85	98	65
16	34e	57e	152	794	179	94	703	91	58	80	103	77
17	34e	56e	132	663	147	89	727	77	59	75	99	74
18	32e	54e	108	458	126	90	704	107	58	71	97	69
19	33e	58e	96	374	107	89	635	97	66	71	99	68
20	33e	57e	101	605	96	93	646	86	63	70	105	67
21	35e	55e	115	782	94	96	653	80	65	67	103	64
22	40e	51e	128	664	99	92	596	78	71	67	90	54
23	42e	55e	141	416	93	95	521	75	67	68	80	50e
24	40e	56e	145	265	81	119	479	74	66	67	70e	45e
25	38e	56e	151	185	78	133	417	72	64	64	55e	48e
26	45e	62e	151	153	76	166	373	66	60	59	55e	52e
27	44e	64e	152	148	77	180	354	64	60	61	58e	54e
28	42e	70e	145	136	80	171	337	60	59	61	62e	50e
29	40e	-----	137	136	92	146	305	61	56	58	58e	45e
30	50e	-----	144	136	131	131	273	63	54	59	60e	60e
31	58	-----	163	-----	165	-----	254	61	-----	60	-----	66
TOTAL	1,128	2,026	7,116	10,374	9,034	3,785	14,852	2,861	1,868	2,100	2,129	2,141
MEAN	36.4	72.4	230	346	291	126	479	92.3	62.3	67.7	71.0	69.1
MAX	58	151	1,230	794	1,280	180	758	220	71	107	105	86
MIN	30	51	64	135	76	89	122	60	54	49	54	45
AC-FT	2,240	4,020	14,110	20,580	17,920	7,510	29,460	5,670	3,710	4,170	4,220	4,250

YEAR 1993 TOTAL 59,414 MEAN 163 MAX 1,280 MIN 30 AC-FT 117,800

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

CLEARWATER CREEK near Clearwater - 1993

LOCATION.--SW1/4NW1/4 Sec. 13-25-8 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--July 1961 - Sep. 1964, Oct. 1977 - present

REMARKS.--Record published by U. S. Geological Survey up to Oct. 1, 1991.
e = estimated dischargeEXTREMES FOR CURRENT YEAR.--Peak discharge 700 cubic feet per second on March 7 at gage height 6.62 feet.
Minimum daily discharge 24 cubic feet per second on January 8.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	25e	33e	52e	105	77	140	38	88	34	30	35	43e
2	26e	36e	50	106	75	107	38	75	33	30	35	45
3	27e	40e	50	95	69	94	41	65	32	30	35	49
4	28e	45	50	83	65	101	65	59	32	30	35	53
5	28e	67	76	74	61	120	53	52	44	29	35	56
6	27e	96	248	68	58	126	48	51	46	29	36	55
7	26e	130	515	95	67	114	42	49	39	29	36	51
8	24e	163	585	173	103	92	243	46	38	33	37	50
9	24e	134	509	165	211	78	326	45	36	48	37	50
10	25e	100	396	104	388	69	315	41	34	49	36	50
11	26e	74	282	77	285	62	256	38	33	49	36	50
12	27e	60	203	72	218	57	182	36	34	50	41	51
13	25e	55	142	76	193	57	306	35	34	47	59	52
14	26e	51	122	147	166	56	340	34	34	45	59	50
15	27e	49	111	200	134	49	286	35	32	44	59	48
16	30e	45e	103	147	108	47	247	43	31	42	59	48
17	28e	40e	94	112	99	43	238	42	31	41	60	48
18	26e	37e	80	90	87	44	234	153	31	39	62	50
19	26e	40e	71	110	76	44	232	181	50	36	62	51
20	27e	45e	81	294	66	43	228	95	46	35	60	49
21	28e	43e	92	352	61	40	213	62	42	34	59	46
22	30e	40e	89	269	58	36	224	55	41	35	55	38e
23	30e	37e	88	197	56	37	232	52	37	36	51	35e
24	28e	39e	91	153	49	72	214	47	36	35	40e	34e
25	27e	41e	89	124	46	62	187	44	35	35	33e	33e
26	30e	45e	86	107	44	57	160	40	34	33	36e	43
27	29e	50e	79	95	42	51	157	37	33	32	34e	40
28	28e	55e	77	85	46	42	151	37	32	32	37e	30e
29	25e	-----	86	78	72	40	140	37	31	32	39e	31e
30	24e	-----	105	76	118	38	122	37	31	33	41e	32e
31	30e	-----	105	-----	153	-----	105	36	-----	34	-----	42
TOTAL	837	1,690	4,807	3,929	3,351	2,018	5,663	1,747	1,076	1,136	1,339	1,403
MEAN	27.0	60.4	155	131	108	67.3	183	56.4	35.9	36.6	44.6	45.3
MAX	30	163	585	352	388	140	340	181	50	50	62	56
MIN	24	33	50	68	42	36	38	34	31	29	33	30
AC-FT	1,660	3,350	9,530	7,790	6,650	4,000	11,230	3,470	2,130	2,250	2,660	2,780
YEAR 1993	TOTAL	28,996	MEAN	79.4	MAX	585	MIN	24	AC-FT	57,510		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

ELKHORN RIVER at Neligh - 1993

LOCATION.--SE1/4NE1/4 Sec. 20-25-6 W., Antelope County

GAGE.--Continuous stage recorder

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

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993.
Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.
e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										300	315	425e
2										280	326	400e
3										281	322	450e
4										276	324	500e
5										267	311	550e
6										266	288	490e
7										266	285	472e
8										295	315	470e
9										404	334	460e
10										520	328	470e
11										738	323	400e
12										811	340	450e
13										836	466	400e
14										812	576	350e
15										751	689	300e
16										701	686	300e
17										646	673	350e
18										597	692	400e
19										552	713	350e
20										527	692	300e
21										493	679	250e
22										465	642	220e
23										443	597	190e
24										427	357	180e
25										412	200e	200e
26										378	250e	250e
27										354	300e	300e
28										352	350e	350e
29		-----								336	400e	400e
30		-----								311	450e	350e
31		-----		-----		-----			-----	307	-----	380e
TOTAL										14,404	13,223	11,357
MEAN										465	441	366
MAX										836	713	550
MIN										266	200	180
AC-FT										28,570	26,230	22,530
YEAR 1993	TOTAL	351,356	MEAN	963	MAX	6060	MIN	135	AC-FT	696,900		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

WILLOW CREEK near Foster - 1993

LOCATION.--NW1/4NE1/4 Section 4-25-3 W., Pierce County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1975 - present

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										14	12	18e
2										14	12	20e
3										13	12	22e
4										13	12	25e
5										12	11	28e
6										12	10e	32
7										11	13e	34
8										13	15e	31
9										21	15e	31
10										21	15	33
11										25	16	33
12										23	18	32
13										21	21	33
14										19	24	30
15										18	23e	26
16										17	24e	23e
17										16	32	20e
18										16	34	18e
19										15	35	15e
20										14	34	14e
21										13	32	12e
22										13	31	10e
23										13	29	12e
24										13	10e	11e
25										12	11e	10e
26										11	11e	11e
27										11	11e	10e
28										11	13e	11e
29		-----								10	15e	10e
30		-----								9.0e	17e	10e
31		-----		-----		-----		-----		10 e	-----	10e
TOTAL										454.0	568	635
MEAN										14.6	18.9	20.5
MAX										25	35	34
MIN										9.0	10	10
AC-FT										901	1,130	1,260
YEAR 1993	TOTAL	14,601.8	MEAN	40.0	MAX	345	MIN	7.0	AC-FT	28,960		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

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WILLOW CREEK RESERVOIR from Willow Creek - 1993

LOCATION.--NW1/4SE1/4 Sec. 33-26-2 W. near Pierce

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1983 - present

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

DAILY CONTENTS IN ACRE-FEET FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6,960	6,930	6,970	7,690	7,410	7,490	7,630	7,730	7,280	7,170	7,060	7,170
2	6,960	6,930	6,980	7,750	7,380	7,550	7,660	7,620	7,270	7,140	7,060	7,180
3	6,960	6,940	6,980	7,770	7,360	7,580	7,660	7,520	7,240	7,130	7,070	7,190
4	6,960	6,940	6,980	7,740	7,340	7,650	7,970	7,450	7,220	7,110	7,060	7,200
5	6,960	6,960	6,990	7,680	7,320	7,680	8,310	7,400	7,220	7,110	7,040	7,210
6	6,960	6,990	7,000	7,620	7,310	7,660	8,320	7,340	7,250	7,110	7,030	7,210
7	6,930	7,030	7,030	7,620	7,340	7,670	8,240	7,290	7,240	7,090	7,040	7,220
8	6,920	7,060	7,250	7,710	7,350	7,620	8,280	7,270	7,250	7,060	7,050	7,250
9	6,920	7,080	7,660	7,790	7,410	7,550	8,350	7,240	7,260	7,090	7,050	7,270
10	6,920	7,090	8,270	7,820	7,490	7,480	8,300	7,210	7,240	7,120	7,070	7,260
11	6,920	7,090	8,870	7,770	7,670	7,430	8,300	7,170	7,220	7,150	7,080	7,260
12	6,930	7,110	8,900	7,690	7,880	7,400	8,270	7,130	7,210	7,170	7,090	7,290
13	6,920	7,090	8,710	7,630	7,920	7,410	8,290	7,110	7,170	7,190	7,100	7,300
14	6,910	7,090	8,450	7,620	7,870	7,370	8,220	7,100	7,130	7,190	7,110	7,280
15	6,910	7,070	8,230	7,660	7,760	7,320	8,100	7,100	7,120	7,190	7,130	7,280
16	6,920	7,060	8,040	7,710	7,690	7,280	8,050	7,170	7,110	7,190	7,150	7,280
17	6,910	7,020	7,880	7,690	7,620	7,230	8,200	7,200	7,110	7,190	7,170	7,280
18	6,900	7,010	7,780	7,640	7,550	7,240	8,280	7,200	7,100	7,190	7,200	7,280
19	6,900	7,030	7,700	7,720	7,470	7,280	8,220	7,210	7,140	7,190	7,220	7,270
20	6,910	7,030	7,650	8,070	7,420	7,300	8,270	7,220	7,200	7,170	7,250	7,260
21	6,920	7,040	7,590	8,330	7,380	7,280	8,490	7,220	7,240	7,160	7,260	7,240
22	6,930	7,020	7,560	8,450	7,380	7,250	8,590	7,240	7,270	7,160	7,260	7,200
23	6,940	7,000	7,550	8,310	7,350	7,220	8,630	7,240	7,270	7,160	7,240	7,180
24	6,910	6,970	7,520	8,120	7,300	7,280	8,590	7,220	7,270	7,150	7,190	7,180
25	6,910	6,980	7,510	7,930	7,260	7,350	8,530	7,200	7,270	7,130	7,170	7,180
26	6,920	6,960	7,500	7,790	7,250	7,390	8,430	7,190	7,260	7,110	7,170	7,160
27	6,920	6,960	7,500	7,690	7,230	7,420	8,340	7,180	7,240	7,100	7,180	7,130
28	6,910	6,970	7,480	7,600	7,190	7,460	8,200	7,170	7,220	7,090	7,180	7,120
29	6,890	-----	7,530	7,520	7,300	7,540	8,060	7,170	7,190	7,050	7,170	7,110
30	6,920	-----	7,560	7,440	7,420	7,600	7,950	7,250	7,180	7,040	7,170	7,100
31	6,940	-----	7,620	-----	7,470	-----	7,850	7,280	-----	7,050	-----	7,110
MAX	6,960	7,110	8,900	8,450	7,920	7,680	8,630	7,730	7,280	7,190	7,260	7,300
MIN	6,890	6,930	6,970	7,440	7,190	7,220	7,630	7,100	7,100	7,040	7,030	7,100
CHANGE	-4.7	36	647	-179	26	134	252	-574	-99	-127	124	-67

YEAR 1993	MEAN	7,372	MAX	8,900	MIN	6,890
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PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

WILLOW CREEK near Pierce - 1993

LOCATION.--SE1/4SW1/4 Sec. 33-26-2 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1983 - present

REMARKS.--e = estimated discharge

EXTREMES FOR PERIOD OF RECORD.--Maximum 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 313 cubic feet per second on March 12, gage height 6.02 ft.

Minimum daily discharge 12 cubic feet per second, December 31.
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10 e	12 e	12	84	54	59	82	85	32	24	17	28
2	10 e	9.0e	13	89	51	70	84	72	31	22	18	29
3	10 e	10 e	13	90	48	75	84	61	30	21	18	29
4	10 e	10 e	13	86	44	81	122	53	28	20	19	29
5	10 e	11	13	80	41	83	176	46	29	20	17	31
6	11 e	13	14	73	41	82	179	41	32	20	16	31
7	11 e	15	17	75	42	82	166	36	33	19	16	33
8	10 e	18	35	86	47	77	174	33	33	18	16	34
9	10 e	20	82	96	54	69	187	31	32e	21	17	35
10	10 e	20	178	103	64	60	177	28	31e	24	17	36
11	10 e	21	290	95	82	55	176	25	29e	25	18	36
12	11 e	23	298	86	105	50	174	23	27e	26	18	37
13	10 e	22	254	81	111	52	175	20	25e	27	21	37
14	10 e	21	199	82	104	48	163	19	23	28	21	38
15	9.0e	21	153	85	93	43	145	19	21	28	23	37
16	11 e	19 e	121	88	85	39	140	25	20	28	25	36
17	10 e	18 e	100	85	76	36	164	27	19	28	26	37
18	9.0e	17 e	83	79	69	37	172	28	20	28	29	37
19	9.0e	15 e	74	92	61	41	162	29	24	27	31	36
20	10 e	16	66	138	55	40	178	30	29	27	32	35
21	11 e	17	61	180	49	38	220	31	30	25	33	34
22	12 e	16	60	199	48	36	239	32	32	25	33	31
23	13 e	15	58	170	46	34	243	32	34	24	33	29
24	11 e	14	57	140	41	41	231	29	34	23	30	28
25	11 e	14	56	115	35	48	218	27	34	23	24	28
26	12 e	12	56	95	33	51	197	25	33	22	21	26
27	12 e	12	55	82	31	54	175	26	32	21	24	25
28	11 e	12	55	72	29	58	152	25	30	20	28	23
29	9.0e	-----	60	63	40	70	129	24	27	19	28	22
30	11 e	-----	67	57	51	77	113	31	25	18	28	21
31	13 e	-----	76	-----	55	-----	99	32	-----	17	-----	21
TOTAL	327.0	443.0	2,689	2,946	1,785	1,686	5,096	1,045	859	718	697	969
MEAN	10.5	15.8	86.7	98.2	57.6	56.2	164	33.7	28.6	23.2	23.2	31.3
MAX	13	23	298	199	111	83	243	85	34	28	33	38
MIN	9.0	9.0	12	57	29	34	82	19	19	17	16	21
AC-FT	649	879	5,330	5,840	3,540	3,340	10,110	2,070	1,700	1,420	1,380	1,920
YEAR 1993	TOTAL	19,260.0	MEAN	52.8	MAX	298	MIN	9.0	AC-FT	38,200		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

UNION CREEK at Madison - 1993

LOCATION.--SW1/4SE1/4 Sec. 32-22-1 W., Madison County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1978 - present

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										26	28	28
2										26	28	29
3										26	28	30
4										27	28	30
5										28	26	31
6										29	26	28
7										29	27	26
8										30	27	26
9										32	27	26
10										34	26	26
11										35	26	25
12										32	31	24
13										30	34	24
14										30	31	23
15										30	27	24
16										31	27	23
17										31	29	25
18										31	29	27
19										30	29	29
20										30	28	27
21										30	28	25
22										31	28	24
23										31	28	23
24										31	26	24
25										30	26	24
26										29	26	24
27										30	26	24
28										29	27	23
29		-----								27	27	24
30		-----								28	28	24
31		-----		-----		-----		-----		28	-----	26
TOTAL										921	832	796
MEAN										29.7	27.7	25.7
MAX										35	34	31
MIN										26	26	23
AC-FT										1,830	1,650	1,580
YEAR 1993	TOTAL	43,436	MEAN	119	MAX	5600	MIN	14	AC-FT	86,150		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

BUTTERFLY CREEK near Stanton - 1993

LOCATION.--SW1/4NE1/4 Sec. 21-22-2 E.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1990

REMARKS.--Station established Oct. 1, 1990
e = estimated discharge

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,270 cubic feet per second on July 9 at gage height 16.21 feet.
Minimum daily discharge 1.8 cubic feet per second on January 2.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.0e	3.8	7.5	11	7.4	4.6	22	8.8	9.3	3.9	4.6	4.7
2	1.8e	6.6	8.2	8.9	6.6	5.0	19	8.0	8.3	3.8	4.1	4.9
3	2.0e	29	7.1	7.9	6.1	5.1	16	7.4	7.5	3.8	3.4	4.8
4	2.5e	37	7.4	7.0	5.9	9.4	45	7.1	6.9	3.7	3.4	5.1
5	2.7	45	17	6.5	5.2	6.0	14	7.5	11	3.7	3.3	5.2
6	2.6	36	33	6.5	5.8	5.3	12	8.7	8.1	3.6	3.4	5.0
7	2.6	33	202	21	11	5.5	11	9.1	6.7	3.5	3.6	4.9
8	2.5	25	216	13	30	4.4	221	8.6	6.3	4.8	3.6	4.7
9	2.5	6.2	140	9.4	12	3.4	361	7.7	5.7	6.1	3.6	5.1
10	2.5	5.3	27	7.9	10	2.7	27	5.7	5.1	4.7	3.6	4.9
11	2.5	4.4	9.1	6.9	57	10	30	5.8	5.0	4.7	3.7	4.4
12	2.5	5.5	6.1	6.5	35	9.9	18	5.8	4.4	4.5	5.1	4.8
13	2.5	5.2	6.3	7.7	13	31	121	5.8	4.8e	4.3	4.6	4.4
14	2.4	4.5	5.7	8.3	11	5.5	21	6.8	4.4e	4.3	4.0	3.3
15	2.4	5.4	7.5	7.0	9.4	4.0	17	6.7	4.4e	4.7	4.1	4.4
16	2.5	8.2	9.1	6.0	8.9	3.2	112	6.7	4.4e	4.5	4.2	5.0
17	2.4	5.2	5.3	5.8	8.3	3.2	115	6.3	5.2e	4.3	4.3	5.1
18	2.4	6.4	4.9	6.6	8.0	7.7	25	13	5.4	4.3	4.3	5.0
19	2.4	6.9	5.1	45	7.0	4.9	17	7.4	12	4.3	4.3	4.8
20	2.6	6.4	17	28	6.6	3.7	73	6.2	5.9	4.5	4.2	4.3
21	3.2	11	10	13	6.1	3.1	25	6.2	5.2	4.5	4.3	4.1
22	2.8	8.9	11	11	6.3	2.6	35	6.9	5.1	4.4	4.3	4.4
23	2.8	7.8	9.4	9.9	6.2	4.5	139	6.3	4.8	4.3	4.3	3.8
24	3.5	8.2	8.9	8.6	5.6	175	37	6.0	4.7	4.3	4.1	3.6
25	3.0	7.0	9.9	7.5	5.2	12	16	5.9	4.7	4.2	4.1	3.6
26	3.0	5.6	9.8	7.1	5.0	6.9	14	5.9	4.7	4.1	4.3	3.6
27	3.1	5.5	8.0	7.0	4.9	5.2	69	5.9	4.4	4.4	4.4	3.2
28	3.1	6.4	8.5	6.7	6.0	312	15	6.1	4.2	4.4	4.5	3.2
29	3.2e	-----	30	6.3	5.2	32	12	7.3	4.1	4.3	4.1	3.0
30	3.3	-----	13	6.4	5.5	29	10	47	4.0	4.4	4.2	3.1
31	3.4	-----	13	-----	4.7	-----	9.6	11	-----	4.4	-----	3.1
TOTAL	82.7	345.4	872.8	310.4	324.9	716.8	1,678.6	263.6	176.7	133.7	122.0	133.5
MEAN	2.67	12.3	28.2	10.3	10.5	23.9	54.1	8.50	5.89	4.31	4.07	4.31
MAX	3.5	45	216	45	57	312	361	47	12	6.1	5.1	5.2
MIN	1.8	3.8	4.9	5.8	4.7	2.6	9.6	5.7	4.0	3.5	3.3	3.0
AC-FT	164	685	1,730	616	644	1,420	3,330	523	350	265	242	265
YEAR 1993	TOTAL	5,161.1	MEAN	14.1	MAX	361	MIN	1.8	AC-FT	10,240		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

345

PEBBLE CREEK at Scribner - 1993

LOCATION.--NW1/4SE1/4 Sec. 36-20-6E., Dodge County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1978 - present

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

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1994

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										51	45	33e
2										47	47	35e
3										47	45	40e
4										48	45	44e
5										47	44	45e
6										47	40	47
7										47	44	46
8										48	47	45
9										67	43	47
10										59	43	47
11										55	44	43
12										53	46	44
13										53	69	50
14										57	51	39
15										78	45	38
16										63	45	47
17										54	46	50
18										51	45	52
19										51	45	50
20										50	44	40e
21										49	44	42e
22										49	44	35e
23										48	44	30e
24										49	35e	31e
25										49	25e	30e
26										46	30e	32e
27										44	32e	31e
28										46	35e	32e
29		-----								45	36e	33e
30		-----								43	34e	34e
31		-----		-----		-----			-----	44	-----	35e
TOTAL										1,585	1,282	1,247
MEAN										51.1	42.7	40.2
MAX										78	69	52
MIN										43	25	30
AC-FT										3,140	2,540	2,470
YEAR 1993	TOTAL	58,942	MEAN	161	MAX	6,780	MIN	17	AC-FT	116,900		

PLATTE RIVER BASIN
(ELKHORN RIVER BASIN)

LOGAN CREEK at Pender - 1993

LOCATION.--NW1/4 Section 26-25-6 E., Thurston County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1965 - present

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

Year 1993 values are for calendar year 1993 and include data published by The U. S. Geological Survey for WY 1993.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										226	198	80e
2										216	203	100e
3										211	204	150e
4										211	204	206
5										209	197	209
6										209	187	205
7										212	193	198
8										224	197	195
9										379	199	198
10										324	199	196
11										263	196	196
12										252	202	196
13										238	247	195
14										233	259	194
15										249	217	160e
16										249	206	100e
17										237	210	75e
18										230	213	80e
19										226	213	84e
20										223	205	84e
21										219	200	82e
22										213	201	82e
23										214	198	83e
24										218	164	85e
25										218	141	86e
26										211	70e	84e
27										204	80e	82e
28										206	100e	90e
29		-----								205	95e	100e
30		-----								196	100e	90e
31		-----		-----		-----			-----	194	-----	82e
TOTAL										7,119	5,498	4,047
MEAN										230	183	131
MAX										379	259	209
MIN										194	70	75
AC-FT										14,120	10,910	8,030
YEAR 1993	TOTAL	156,532	MEAN	429	MAX	6800	MIN	17.6	AC-FT	310,500		

PLATTE RIVER BASIN
(SALT CREEK BASIN)

OAK CREEK at Lincoln - 1993

LOCATION.--NE1/4NE1/4 Sec. 7-10-6 E.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1987 - present

REMARKS.--e = Estimated discharge due to backwater from ice.
a = Estimated discharge due to missing gage height record.

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 8,730 cubic feet per second July 24, gage height 22.66 feet.
Minimum daily discharge 8.0 cubic feet per second on February 25.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16	12	10	83	80	57a	74	427	180	115	59	37
2	16	11	282	73	60	70a	72	306	158	106	74	35
3	18	11	386	61	46	58a	69	254	135	99	75	37
4	16	13	485	56	36	90a	66	225	133	94	73	47
5	21	25	527	64	29	70a	94	206	131	89	74	49
6	22	66	525	60	27	80a	79	202	89	86	71	50
7	24	84	548	58	30	70a	113	180	70	84	68	49
8	25	101	893	76	33	60a	92	168	104	87	67	48
9	27	80	708	69	31	56a	134	158	100	93	71	47
10	32	42	525	67	61	50a	118	147	94	91	72	50
11	35	88	341	54	119	67a	108	131	92	86	70	51
12	38	86	229	39	282	70a	90	125	93	85	77	48
13	38	53	170	58	102	160a	296	119	82	83	95	53
14	29	26	146	66	80	150a	3,150	113	73	82	88	60
15	20	22	141	69	68	80a	786	105	66	111	82	58
16	20	17	122	67	58	71	454	99	73	115	80	55
17	21	8.2	108	66	48	64	371	94	63	94	50	56
18	19	8.8	105	67	44	198	424	88	143	90	43	57
19	19	8.6	100	79	45	223	345	87	518	92	43	55
20	20	8.9	94	99	38	108	474	80	255	83	44	53
21	24	9.2	94	110	34	86	426	77	163	81	43	49
22	22	8.8	93	89	37	75	1,970	77	249	76	42	33
23	22	8.1	81	83	65	95	5,540	75	182	73	42	32
24	19	8.1	75	81	40	579	6,070	68	145	71	43	31
25	18	8.0	71	66	35a	242	2,670	63	409	71	40	30
26	16	9.0	69	69	28a	121	1,560	60	456	69	39	34e
27	16	9.1	69	71	25a	98	1,000	54	230	68	39	31e
28	14	8.8	57	51	23a	90	723	51	176	66	39	29e
29	12	-----	54	49	50a	86	593	966	138	66	39	36e
30	12	-----	59	48	70a	82	477	434	122	64	38	40e
31	13	-----	76	-----	60a	-----	615	254	-----	62	-----	46e
TOTAL	664	840.6	7,243	2,048	1,784	3,406	29,053	5,493	4,922	2,632	1,780	1,386
MEAN	21.4	30.0	234	68.3	57.5	114	937	177	164	84.9	59.3	44.7
MAX	38	101	893	110	282	579	6,070	966	518	115	95	60
MIN	12	8.0	10	39	23	50	66	51	63	62	38	29
AC-FT	1,320	1,670	14,370	4,060	3,540	6,760	57,630	10,900	9,760	5,220	3,530	2,750
YEAR 1993	TOTAL	61,251.6	MEAN	168	MAX	6,070	MIN	8.0	AC-FT	121,500		

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River - 1993

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
e = Estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	18	0	17	24	15	6.4	3.6e	
2				0	17	0	20	22	14	6.0	0	
3				0	17	0	13	24	14	7.5	0	
4				0	16	0	10	28	14	11	0	
5				0	17	0	14	28	14	14	0	
6				0	21	0	19	24	14	16	0	
7				0	21	0	20	9.2	14	16	0	
8				0	18	0	20	13	11	20	0	
9				0	17	4.1	19	15	9.1	17	0	
10				0	17	16	19	12	8.4	11	0	
11				0	17	17	20	12	7.7	19	0	
12				0	18	17	21	12	5.6	20	0	
13				0	18	16	22	11	5.2	21	0	
14				0	17	18	23	13	6.2	21	0	
15				0	17	18	24	16	7.1	21	0	
16				0	16	19	26	12	7.3	22	0	
17				0	18	20	25	18	7.3	22	0	
18				0	18	25	24	24	7.3	20	0	
19				0	18	25	26	25	7.7	11	0	
20				0	17	18	21	27	7.7	9.8	0	
21				0	17	19	15	25	7.5	9.8	0	
22				0	18	16	15	15	7.5	9.8	0	
23				0	22	16	16	16	7.5	9.8	0	
24				9.0	19	16	16	16	7.5	9.8	0	
25				17	18	16	16	15	7.5	9.8	0	
26				18	17	16	13	15	7.1	10	0	
27				17	16	16	11	15	6.9	10	0	
28				19	19	16	14	15	6.9	10	0	
29		-----		19	22	16	15	14	7.1	10	0	
30		-----		19	13	11	21	13	6.9	9.8	0	
31		-----		-----	.30	-----	26	14	-----	7.2	-----	
TOTAL				118.0	534.30	371.1	581	542.2	269.0	417.7	3.6	
MEAN				3.93	17.2	12.4	18.7	17.5	8.97	13.5	.12	
MAX				19	22	25	26	28	15	22	3.6	
MIN				0	.30	0	10	9.2	5.2	6.0	0	
AC-FT				234	1,060	736	1,150	1,080	534	829	7.1	
YEAR 1993	MAX	28	MIN	0	AC-FT	5,630						

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River - 1993

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
e = Estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	16	.19	11	12	14	4.9	5.0e	
2				0	15	0	12	12	14	5.2	0	
3				0	14	0	11	17	13	4.5	0	
4				0	12	0	12	22	14	8.0	0	
5				0	13	0	12	23	12	11	0	
6				0	19	0	19	24	12	12	0	
7				0	19	0	19	8.6	12	14	0	
8				0	16	0	20	7.9	11	18	0	
9				0	14	0	17	11	8.3	21	0	
10				0	14	14	15	10	7.9	8.1	0	
11				0	14	14	12	10	7.9	7.9	0	
12				0	13	14	11	9.5	6.2	13	0	
13				0	11	12	8.9	7.5	5.2	15	0	
14				0	10	11	8.5	6.8	5.9	17	0	
15				0	10	11	10	12	7.0	19	0	
16				0	8.7	12	14	8.7	7.0	20	0	
17				0	12	14	15	7.2	7.3	22	0	
18				0	11	19	17	11	7.3	21	0	
19				0	10	20	18	12	7.7	12	0	
20				0	9.1	18	15	14	7.7	10	0	
21				0	10	16	9.3	15	7.7	9.7	0	
22				0	14	13	12	14	6.6	10	0	
23				0	17	13	13	14	7.0	10	0	
24				7.6	14	14	15	14	7.0	9.7	0	
25				15	13	13	15	14	7.0	9.7	0	
26				15	13	13	12	14	7.0	10	0	
27				13	13	13	8.5	14	6.2	10	0	
28				14	19	13	9.5	13	7.3	11	0	
29		-----		15	21	13	8.1	9.7	6.2	11	0	
30		-----		16	20	12	9.3	7.9	5.2	10	0	
31		-----		-----	3.5	-----	13	12	-----	10	-----	
TOTAL				95.6	418.3	292.19	402.1	387.8	254.6	374.7	5.0	
MEAN				3.19	13.5	9.74	13.0	12.5	8.49	12.1	.17	
MAX				16	21	20	20	24	14	22	5.0	
MIN				0	3.5	0	8.1	6.8	5.2	4.5	0	
AC-FT				190	830	580	798	769	505	743	9.9	
YEAR 1993	MAX	24	MIN	0	AC-FT	4,420						

REPUBLICAN RIVER BASIN

HAIGLER CANAL SPILLBACK to Arikaree River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	10	0	0	0	10	3.1	5.3	
2				0	8.9	0	1.3	0	9.0	2.0	0	
3				0	8.9	0	2.6	0	8.7	2.3	0	
4				0	8.3	0	2.3	0	6.7	3.3	0	
5				0	7.9	0	0	0	6.7	4.8	0	
6				0	13	0	1.1	5.3	8.8	5.5	0	
7				0	15	0	2.0	7.5	9.7	4.7	0	
8				0	14	0	2.5	4.1	9.4	6.1	0	
9				0	13	0	3.0	8.7	8.1	8.6	0	
10				0	12	5.4	3.9	9.0	6.8	7.1	0	
11				0	11	12	2.7	8.6	6.6	0	0	
12				0	13	11	2.0	8.4	5.5	0	0	
13				0	12	9.5	1.3	5.2	3.8	0	0	
14				0	7.8	7.1	.79	2.0	3.9	0	0	
15				0	7.6	5.6	.84	6.5	4.6	0	0	
16				0	6.6	5.6	1.9	4.7	5.1	0	0	
17				0	6.6	6.4	3.1	2.2	5.5	0	0	
18				0	8.7	8.6	5.3	0	7.2	0	0	
19				0	9.9	12	7.3	0	6.0	0	0	
20				0	8.3	11	9.2	0	6.1	0	0	
21				0	7.3	9.6	9.5	0	6.2	2.1	0	
22				0	12	8.9	11	6.6	5.4	1.8	0	
23				0	14	7.0	11	10	5.2	2.9	0	
24				12	13	8.0	12	11	5.4	4.0	0	
25				11	12	9.4	12	8.1	5.4	4.3	0	
26				11	12	9.0	11	11	5.2	4.5	0	
27				8.5	11	7.6	9.1	11	4.9	5.5	0	
28				8.8	13	4.2	9.0	13	5.0	5.6	0	
29		-----		9.4	14	0	7.4	13	5.4	6.7	0	
30		-----		9.3	15	0	2.6	8.9	4.1	7.5	0	
31		-----		-----	6.3	-----	1.6	6.9	-----	7.4	-----	
TOTAL				70.0	332.1	157.9	149.33	171.7	190.4	99.8	5.3	
MEAN				2.33	10.7	5.26	4.82	5.54	6.35	3.22	.18	
MAX				12	15	12	12	13	10	8.6	5.3	
MIN				0	6.3	0	0	0	3.8	0	0	
AC-FT				139	659	313	296	341	378	198	11	
YEAR 1993	TOTAL	MAX	15	MIN	0	AC-FT	2,330					

REPUBLICAN RIVER BASIN

MEEKER-DRIFTWOOD CANAL from Republican River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	134	220	93			
2						0	117	246	91			
3						0	104	244	91			
4						0	104	217	91			
5						0	111	183	91			
6						0	138	155	95			
7						0	166	144	102			
8						0	188	144	90			
9						0	175	152	79			
10						0	165	196	27			
11						0	165	242	0			
12						0	172	266	0			
13						0	187	190	0			
14						69	219	148	0			
15						60	232	148	0			
16						60	243	153	0			
17						75	250	161	0			
18						82	250	186	0			
19						82	250	204	0			
20						82	241	202	0			
21						82	222	198	0			
22						82	204	198	0			
23						83	141	130	0			
24						83	110	86	0			
25						84	110	82	0			
26						85	96	82	0			
27						83	82	83	0			
28						95	85	83	0			
29		-----				108	100	83	0			
30		-----				118	182	91	0			
31		-----		-----		-----	222	96	-----		-----	
TOTAL						1,413	5,165	5,013	850			
MEAN						47.1	167	162	28.3			
MAX						118	250	266	102			
MIN						0	82	82	0			
AC-FT						2,800	10,240	9,940	1,690			
YEAR 1993	MAX	266	MIN	0	AC-FT	24,680						

REPUBLICAN RIVER BASIN

REPUBLICAN RIVER at Trenton - 1993

LOCATION.--SE1/4 Sec. 4-2-33 W., Hitchcock County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1946 - present, see U.S.G.S. publication WSP 1310 for periods of monthly discharge record.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

e = estimated values

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										1.4e	1.0	.91
2										1.4e	1.0	.91
3										1.4e	1.0	.91
4										1.4e	.91	.91
5										1.4e	.99	.97
6										1.4e	1.2	.92
7										1.4e	1.2	.91
8										1.4e	1.2	.91
9										1.4e	1.1	.91
10										1.4e	1.1	.91
11										1.4e	1.0	.91
12										1.4e	.91	.91
13										1.4e	.93	.91
14										1.4e	.91	.91
15										1.4e	.91	.91
16										1.4e	.91	.91
17										1.4e	.91	.92
18										1.4e	.91	.91
19										1.4e	.94	.91
20										1.4e	.93	.91
21										1.8	.91	.91
22										1.6	.91	.91
23										1.5	.91	.91
24										1.5	.91	.91
25										1.3	.91	.91
26										1.2	.91	.91
27										1.2	.91	.91
28										1.2	.91	.91
29		-----								1.0	.91	.91
30		-----								1.0	.91	.91
31		-----		-----		-----			-----	1.0	-----	.91
TOTAL										42.3	29.06	28.29
MEAN										1.36	.97	.91
MAX										1.8	1.2	.97
MIN										1.0	.91	.91
AC-FT										84	58	56
YEAR 1993	TOTAL	2,251.54	MEAN	6.17	MAX	111	MIN	.07	AC-FT	4,470		

REPUBLICAN RIVER BASIN

FRENCHMAN CREEK near Enders - 1993

LOCATION.--NW1/4NW1/4 Sec. 10-5-37 W., Chase County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1946 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993. September, 1993 reworked due to revised shift correction.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1									7.2	.56	.66	6.0
2									3.1	.26	.54	5.8
3									1.8	.21	.54	5.8
4									.63	.19	.56	5.9
5									.50	.18	.60	6.1
6									.36	.25	.58	6.0
7									.39	.37	.65	6.1
8									.39	.44	.70	6.2
9									.36	.34	.66	6.2
10									.42	.34	.75	6.0
11									.38	.34	.68	6.3
12									.48	.37	.76	6.2
13									.56	.68	.68	2.4
14									.40	.80	.75	.45
15									.53	1.4	.69	.45
16									.67	2.2	.66	.45
17									.53	6.6	.55	.45
18									.66	3.6	.46	.45
19									.45	.71	.51	.45
20									.47	.77	.61	.45
21									.46	.72	.66	.44
22									.47	.89	.61	.45
23									.39	.83	.57	.45
24									.38	.86	.47	.45
25									.44	.95	.40	.51
26									.42	.88	.40	.51
27									.43	.75	.46	.46
28									.47	.88	.46	.48
29		-----							.50	.75	.45	.55
30		-----							.40	.69	4.2	.51
31		-----		-----		-----			-----	.64	-----	.51
TOTAL									24.64	29.45	21.27	83.47
MEAN									.82	.95	.71	2.69
MAX									7.2	6.6	4.2	6.3
MIN									.36	.18	.40	.44
AC-FT									49	58	42	166
YEAR 1993	TOTAL	6,412.37	MEAN	17.6	MAX	185	MIN	.18	AC-FT	12,720		

REPUBLICAN RIVER BASIN

CULBERTSON CANAL from Frenchman River - 1993

LOCATION.--SW1/4NW1/4 Sec. 32-5-33 W. near Palisade

GAGE.--Continuous stage recorder and Parshall Recorder

PERIOD OF RECORD.--1920 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	20	51	101	95				
2				0	20	51	100	128				
3				0	41	55	100	148				
4				0	52	56	101	146				
5				0	52	55	104	144				
6				0	54	55	108	132				
7				0	55	56	115	115				
8				0	55	56	137	109				
9				0	54	54	149	112				
10				0	54	54	161	116				
11				0	53	54	167	137				
12				0	53	56	172	164				
13				0	53	56	178	177				
14				0	46	55	179	181				
15				0	39	54	182	183				
16				0	50	55	179	169				
17				0	46	53	178	153				
18				0	46	52	177	144				
19				0	49	53	173	142				
20				0	51	53	160	149				
21				0	51	52	152	161				
22				0	51	53	141	165				
23				0	51	53	132	179				
24				0	51	53	110	168				
25				0	51	59	102	144				
26				0	51	62	94	98				
27				.64	51	89	79	87				
28				37	51	100	72	82				
29		-----		46	53	101	72	77				
30		-----		30	51	99	84	23				
31		-----		-----	51	-----	94	0	-----		-----	
TOTAL				113.64	1,506	1,805	4,053	4,028				
MEAN				3.79	48.6	60.2	131	130				
MAX				46	55	101	182	183				
MIN				0	20	51	72	0				
AC-FT				225	2,990	3,580	8,040	7,990				
YEAR 1993	MAX	183	MIN	0	AC-FT	22,820						

REPUBLICAN RIVER BASIN

RIVERSIDE CANAL from Frenchman River - 1993

LOCATION.--NE#SE# 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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	13	15	12			
2						0	13	14	12			
3						0	13	14	12			
4						.52	14	12	12			
5						5.2	13	12	11			
6						8.0	12	12	11			
7						8.7	12	13	11			
8						8.6	13	13	11			
9						8.3	13	13	11			
10						8.6	12	13	11			
11						9.2	12	13	11			
12						9.1	12	13	11			
13						9.1	13	14	11			
14						9.0	12	13	10			
15						9.3	10	12	10			
16						10	9.7	12	10			
17						10	9.2	11	10			
18						10	9.9	12	11			
19						11	8.3	11	5.8			
20						11	9.2	10	1.2			
21						11	10	11	.72			
22						10	12	13	0			
23						11	4.3	14	0			
24						11	0	13	0			
25						12	0	13	0			
26						13	0	11	0			
27						13	0	10	0			
28						13	0	9.2	0			
29		-----				12	3.6	8.3	0			
30		-----				13	13	10	0			
31		-----		-----		-----	13	12	-----		-----	
TOTAL						264.62	289.2	376.5	205.72			
MEAN						8.82	9.33	12.1	6.86			
MAX						13	14	15	12			
MIN						0	0	8.3	0			
AC-FT						525	574	747	408			
YEAR 1993	TOTAL	MAX	15	MIN	0	AC-FT	2,250					

REPUBLICAN RIVER BASIN

RED WILLOW CREEK near McCook - 1993

LOCATION.--SW1/4NW1/4 Sec. 6-4-29 W., Red Willow County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1940 - 1947, Annual peaks 1958 - 1960, 1960 - present, see U.S.G.S. publication WSP 1310 for other periods.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										4.5	4.7	5.1
2										4.4	4.3	5.0
3										4.4	4.3	5.0
4										4.5	4.3	5.1
5										4.3	4.0	4.5
6										4.4	4.1	4.8
7										4.5	4.2	4.8
8										6.6	4.0	4.9
9										4.6	4.1	4.8
10										4.6	4.1	5.1
11										4.5	4.2	5.2
12										4.4	5.2	4.9
13										4.1	4.8	5.0
14										4.6	4.9	5.0
15										4.4	5.0	4.6
16										4.2	4.7	4.7
17										4.4	4.7	4.7
18										4.2	5.4	4.9
19										4.4	5.4	4.8
20										4.3	5.3	4.8
21										4.5	5.0	4.8
22										4.4	5.0	4.5
23										4.6	5.0	5.1
24										4.8	4.9	5.1
25										4.6	4.7	5.2
26										4.6	5.0	4.9
27										4.8	4.8	4.7
28										4.9	4.7	4.9
29		-----								4.5	5.2	4.9
30		-----								4.6	4.9	4.7
31		-----		-----		-----			-----	4.5	-----	4.6
TOTAL										141.1	140.9	151.1
MEAN										4.55	4.70	4.87
MAX										6.6	5.4	5.2
MIN										4.1	4.0	4.5
AC-FT										280	279	300
YEAR 1993	TOTAL	4,323.3	MEAN	11.8	MAX	96	MIN	3.6	AC-FT	8,580		

REPUBLICAN RIVER BASIN

RED WILLOW CANAL from Red Willow Creek - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	21	19	9.3			
2						0	31	30	8.9			
3						0	33	30	8.9			
4						0	32	30	8.9			
5						0	36	31	8.9			
6						0	42	31	8.9			
7						0	59	32	14			
8						0	64	33	18			
9						0	42	34	20			
10						0	31	40	6.7			
11						0	29	51	0			
12						0	28	65	0			
13						0	27	37	0			
14						0	29	17	0			
15						0	30	15	0			
16						0	34	18	0			
17						0	36	23	0			
18						0	37	24	0			
19						0	38	25	0			
20						0	43	34	0			
21						0	43	38	0			
22						17	34	38	0			
23						25	24	24	0			
24						25	12	21	0			
25						25	4.5	25	0			
26						25	4.5	24	0			
27						25	7.3	24	0			
28						25	8.7	24	0			
29		-----				25	9.7	24	0			
30		-----				25	21	18	0			
31		-----		-----		-----	22	12	-----		-----	
TOTAL						217	912.7	891	112.5			
MEAN						7.23	29.4	28.7	3.75			
MAX						25	64	65	20			
MIN						0	4.5	12	0			
AC-FT						430	1,810	1,770	223			
YEAR 1993	MAX	65	MIN	0	AC-FT	4,230						

REPUBLICAN RIVER BASIN

BARTLEY CANAL from Republican River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	30	14	9.4			
2						0	37	40	9.4			
3						0	39	46	9.3			
4						0	38	39	9.3			
5						0	43	26	9.6			
6						0	58	15	9.7			
7						0	65	13	10			
8						0	55	13	11			
9						0	31	24	10			
10						0	22	30	3.4			
11						0	22	35	0			
12						0	22	38	0			
13						0	20	24	0			
14						0	20	15	0			
15						0	20	15	0			
16						37	20	24	0			
17						45	20	28	0			
18						19	20	45	0			
19						13	48	41	0			
20						12	49	21	0			
21						18	40	15	0			
22						31	34	15	0			
23						31	25	13	0			
24						27	18	14	0			
25						28	6.9	14	0			
26						28	6.7	15	0			
27						28	14	14	0			
28						28	17	13	0			
29		-----				28	17	13	0			
30		-----				28	16	11	0			
31		-----		-----		-----	15	9.4	-----		-----	
TOTAL						401	888.6	692.4	91.1			
MEAN						13.4	28.7	22.3	3.04			
MAX						45	65	46	11			
MIN						0	6.7	9.4	0			
AC-FT						795	1,760	1,370	181			
YEAR 1993	MAX	65	MIN	0	AC-FT	4,110						

REPUBLICAN RIVER BASIN

FOX CREEK at Curtis - 1993

LOCATION.--SE1/4NW1/4 Sec. 27-8-28 W.

GAGE.--Continuous recorder

PERIOD OF RECORD.--1951 - 1958, 1978 - present

REMARKS.--Published by U. S. Geological Survey 1951 - 1958, 1958 - 1991, peak flows published 1960 - 1970.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.5	8.6	6.2	6.3	7.0	6.2	6.0	6.2	5.7	5.8	4.6	6.7
2	5.6	10	7.9	6.2	6.9	6.4	6.1	6.3	5.6	5.7	4.6	6.7
3	5.6	7.7	22	6.2	6.9	6.9	6.4	7.0	5.6	5.7	4.6	6.6
4	5.3	6.4	63	6.3	6.6	7.9	8.5	6.8	5.6	5.5	4.5	6.6
5	4.2	7.0	96	6.3	6.5	7.1	6.7	6.5	5.8	5.4	4.3	6.9
6	4.6	14	140	6.3	6.7	6.7	6.2	6.4	6.0	5.7	4.2	7.1
7	5.5	13	80	6.9	7.6	6.7	6.3	6.7	6.3	5.8	4.2	7.4
8	6.0	14	39	6.8	7.3	6.2	6.6	6.5	7.0	6.3	4.2	7.2
9	3.9	9.5	13	6.3	7.0	5.9	7.3	6.4	6.8	6.7	3.7	7.1
10	4.8	9.9	11	6.4	6.6	5.5	8.0	5.9	6.3	6.6	3.7	7.3
11	6.1	11	8.4	6.3	6.5	5.5	842	5.6	6.2	6.2	3.9	7.3
12	5.4	7.4	7.6	6.4	6.5	5.6	122	5.6	6.2	6.2	5.7	7.3
13	4.6	7.8	7.1	6.4	6.5	5.6	36	17	6.2	5.7	6.9	7.4
14	4.7	6.7	7.0	6.5	6.3	5.4	12	5.9	6.4	5.9	4.9	7.6
15	5.7	5.8	6.8	6.6	6.3	5.3	10	6.1	6.5	5.8	4.8	7.8
16	5.5	5.2	6.9	6.5	13	5.0	9.4	6.1	6.6	5.9	4.7	7.6
17	5.4	5.0	6.7	6.5	7.0	5.1	9.9	6.0	6.5	5.9	4.7	7.6
18	5.5	6.0	6.5	6.8	6.3	7.4	50	6.0	46	5.9	4.8	7.7
19	5.5	6.0	6.4	6.9	6.3	7.1	10	6.1	16	5.8	5.0	7.7
20	5.5	6.1	6.5	7.1	6.2	5.3	7.3	5.5	7.5	5.6	5.2	7.6
21	5.6	5.4	6.7	7.0	6.2	5.0	6.8	5.4	6.7	5.4	5.2	7.5
22	5.7	4.7	6.6	6.8	6.1	4.7	15	9.7	6.3	5.4	5.4	7.4
23	5.7	5.2	6.4	6.7	6.2	5.6	102	8.3	6.6	5.3	5.5	7.0
24	5.6	5.8	6.4	6.7	6.3	227	31	6.1	6.8	5.2	5.0	7.0
25	5.7	5.2	6.4	6.6	6.2	18	11	5.7	6.4	5.2	5.5	7.3
26	5.9	4.9	6.5	6.7	6.1	7.5	99	5.5	6.1	4.8	5.6	7.4
27	6.2	5.4	6.5	6.6	6.6	7.0	27	5.2	6.1	4.5	5.7	7.4
28	7.6	5.8	6.5	6.6	84	6.6	8.5	5.1	5.9	4.6	5.9	7.3
29	6.4	-----	6.5	7.0	9.6	6.4	7.2	5.7	6.0	4.6	6.4	7.1
30	6.0	-----	6.5	7.1	7.0	6.2	6.9	5.9	6.0	4.5	6.7	6.9
31	6.4	-----	6.4	-----	6.6	-----	6.5	5.8	-----	4.5	-----	7.0
TOTAL	170.7	209.5	619.4	197.8	290.9	416.8	1,497.6	203.0	237.7	172.1	150.1	224.5
MEAN	5.51	7.48	20.0	6.59	9.38	13.9	48.3	6.55	7.92	5.55	5.00	7.24
MAX	7.6	14	140	7.1	84	227	842	17	46	6.7	6.9	7.8
MIN	3.9	4.7	6.2	6.2	6.1	4.7	6.0	5.1	5.6	4.5	3.7	6.6
AC-FT	339	416	1,230	392	577	827	2,970	403	471	341	298	445
YEAR 1993	TOTAL	MAX	842	MIN	3.7	AC-FT	8,710					

REPUBLICAN RIVER BASIN

CAMBRIDGE CANAL from Republican River - 1993

LOCATION.--SE1/4NE1/4 Sec. 26-4-25 W. near Cambridge

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

PERIOD OF RECORD.--1951 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	111	60	50			
2						0	131	84	50			
3						0	137	83	50			
4						0	139	75	50			
5						0	158	73	50			
6						0	178	61	50			
7						0	201	55	50			
8						0	133	54	50			
9						0	78	111	50			
10						0	71	190	16			
11						0	87	244	0			
12						0	77	279	0			
13						0	66	148	0			
14						0	64	73	0			
15						0	62	74	0			
16						0	74	86	0			
17						29	78	98	0			
18						30	78	102	0			
19						30	119	91	0			
20						30	133	76	0			
21						82	130	71	0			
22						73	106	72	0			
23						90	65	73	0			
24						93	28	71	0			
25						92	0	71	0			
26						92	0	73	0			
27						92	9.9	72	0			
28						92	18	73	0			
29		-----				92	80	73	0			
30		-----				99	89	56	0			
31		-----		-----		-----	60	49	-----		-----	
TOTAL						1,016	2,760.9	2,871	466			
MEAN						33.9	89.1	92.6	15.5			
MAX						99	201	279	50			
MIN						0	0	49	0			
AC-FT						2,020	5,480	5,690	924			
YEAR 1993	MAX	279	MIN	0	AC-FT	14,110						

REPUBLICAN RIVER BASIN

MUDDY CREEK at Arapahoe - 1993

LOCATION.--NW1/4NW1/4 Sec. 22-4-23 W., Furnas County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1950 - 1972, 1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										8.2	9.1	9.1
2										8.2	9.1	8.9
3										8.0	9.1	8.5
4										7.9	8.8	8.6
5										7.9	8.6	8.6
6										7.9	8.3	8.3
7										7.9	8.4	8.2
8										7.8	9.0	8.9
9										7.7	9.0	8.6
10										8.8	9.2	8.8
11										8.8	8.8	8.8
12										9.1	10	8.8
13										9.1	13	8.6
14										9.2	13	8.6
15										9.4	11	8.6
16										9.8	10	8.6
17										13	10	8.6
18										11	9.4	9.8
19										9.7	9.3	13
20										9.0	9.2	8.9
21										9.1	9.4	13
22										9.1	9.3	14
23										9.2	9.4	14
24										9.4	13	14
25										9.4	9.0	8.4
26										9.4	9.1	8.3
27										9.4	9.1	8.2
28										9.4	9.1	11
29		-----								9.4	8.9	9.3
30		-----								9.4	8.8	8.3
31		-----		-----		-----			-----	9.4	-----	8.3
TOTAL										281.0	287.4	295.6
MEAN										9.06	9.58	9.54
MAX										13	13	14
MIN										7.7	8.3	8.2
AC-FT										557	570	586
YEAR 1993	TOTAL	11,242.7	MEAN	30.8	MAX	1,220	MIN	6.2	AC-FT	22,230		

REPUBLICAN RIVER BASIN

TURKEY CREEK at Edison - 1993

LOCATION.--ME1/4SW1/4 Sec. 31-4-21 W., Furnas County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										13	14	15
2										12	16	15
3										12	14	15
4										12	14	15
5										11	14	16
6										11	14	15
7										15	14	15
8										14	14	15
9										14	14	15
10										14	14	15
11										14	14	15
12										14	16	16
13										14	20	15
14										15	15	16
15										15	14	16
16										19	14	16
17										28	14	15
18										15	15	16
19										16	15	18
20										16	15	19
21										16	16	22
22										15	15	20
23										15	15	17
24										15	17	22
25										16	18	20
26										15	15	19
27										15	15	20
28										14	14	18
29		-----								14	14	14
30		-----								14	15	18
31		-----		-----		-----			-----	14	-----	18
TOTAL										457	448	521
MEAN										14.7	14.9	16.8
MAX										28	20	22
MIN										11	14	14
AC-FT										906	889	1,030
YEAR 1993	TOTAL	8,988.1	MEAN	24.6	MAX	634	MIN	3.5	AC-FT	17,830		

REPUBLICAN RIVER BASIN

NAPONEE CANAL from Republican River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	0	0				
2						0	0	0				
3						0	0	12				
4						0	0	19				
5						0	0	21				
6						0	0	19				
7						0	0	15				
8						0	0	13				
9						0	0	13				
10						0	0	19				
11						0	0	20				
12						0	0	22				
13						0	0	9.5				
14						0	0	0				
15						0	0	0				
16						0	0	0				
17						0	0	0				
18						0	0	10				
19						0	0	16				
20						0	0	16				
21						0	0	5.7				
22						0	0	0				
23						0	0	0				
24						0	0	0				
25						6.4	0	11				
26						0	0	16				
27						0	0	14				
28						0	0	5.0				
29		-----				0	0	0				
30		-----				0	0	0				
31		-----		-----		-----	0	0	-----		-----	
TOTAL						6.4	0	276.2				
MEAN						.21	0	8.91				
MAX						6.4	0	22				
MIN						0	0	0				
AC-FT						13	0	548				
YEAR 1993	MAX	22	MIN	0	AC-FT	561						

REPUBLICAN RIVER BASIN

FRANKLIN CANAL from Republican River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1							0	0				
2							0	0				
3							0	36				
4							0	97				
5							12	96				
6							0	97				
7							69	97				
8							38	97				
9							0	118				
10							0	164				
11							0	189				
12							0	227				
13							0	204				
14							0	149				
15							0	143				
16							0	143				
17							0	143				
18							0	143				
19							0	149				
20							0	152				
21							0	138				
22							0	131				
23							0	129				
24							0	128				
25							0	128				
26							0	128				
27							0	128				
28							0	128				
29		-----					0	109				
30		-----					0	50				
31		-----		-----		-----	0	0	-----		-----	
TOTAL							119	3,641				
MEAN							3.84	117				
MAX							69	227				
MIN							0	0				
AC-FT							236	7,220				
YEAR 1993	MAX	227	MIN	0	AC-FT	7,460						

REPUBLICAN RIVER BASIN

CENTER CREEK at Franklin - 1993

LOCATION.--NW1/4NE1/4 Sec. 35-2-15 W., Franklin County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1948 - 1956, Annual peaks and occasional low flow measurements 1961 - 1968, 1968 - 1975, 1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										8.8	8.1	10
2										8.6	8.1	9.8
3										8.6	8.4	9.3
4										7.7	8.8	9.4
5										7.8	8.7	9.0
6										7.8	9.2	9.0
7										8.3	9.6	9.7
8										9.6	9.6	9.2
9										15	9.8	9.3
10										6.7	10	9.2
11										7.0	9.2	9.2
12										7.3	9.8	9.1
13										7.8	9.2	9.3
14										8.2	9.0	9.4
15										16	9.3	8.9
16										7.2	8.9	8.7
17										6.4	8.6	8.8
18										7.2	8.5	8.8
19										8.1	8.9	8.7
20										7.1	8.2	8.8
21										7.5	8.7	8.5
22										7.9	8.1	8.5
23										8.2	8.5	8.5
24										8.4	11	8.6
25										8.4	28	8.8
26										8.2	29	8.2
27										7.8	11	9.2
28										8.0	9.7	8.9
29		-----								7.6	10	8.6
30		-----								8.3	11	8.4
31		-----		-----		-----			-----	8.0	-----	8.4
TOTAL										259.5	314.9	278.2
MEAN										8.37	10.5	8.97
MAX										16	29	10
MIN										6.4	8.1	8.2
AC-FT										515	625	552
YEAR 1993	TOTAL	7,934	MEAN	21.7	MAX	552	MIN	5.8	AC-FT	15,740		

REPUBLICAN RIVER BASIN

FRANKLIN PUMP CANAL from Republican River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1								0				
2								0				
3								0				
4								0				
5								0				
6								0				
7								0				
8								0				
9								0				
10								0				
11								14				
12								14				
13								15				
14								12				
15								11				
16								15				
17								17				
18								14				
19								19				
20								19				
21								17				
22								17				
23								15				
24								9.8				
25								11				
26								11				
27								12				
28								13				
29		-----						6.3				
30		-----						0				
31		-----		-----		-----		0	-----		-----	
TOTAL								262.1				
MEAN								8.45				
MAX								19				
MIN								0				
AC-FT								520				
YEAR 1993	MAX	19	MIN	0	AC-FT	520						

REPUBLICAN RIVER BASIN

ELM CREEK at Amboy - 1993

LOCATION.--NE1/4NW1/4 Sec. 3-1-10 W., Webster County

GAGE.--Continuous stage recorder

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.

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										15	16	17
2										15	17	17
3										15	17	17
4										15	18	16
5										16	17	16
6										17	17	16
7										17	17	17
8										17e	17	16
9										17e	17	16
10										17e	17	16
11										17e	18	16
12										17e	20	17
13										17e	19	18
14										17e	18	18
15										17e	18	17
16										17e	18	17
17										17e	18	17
18										17e	18	17
19										17e	18	17
20										16	18	16
21										16	18	16
22										16	18	16
23										17	17	15
24										17	17	14
25										17	15e	15
26										16	14e	16
27										16	15e	16
28										17	17	14e
29		-----								16	17	14e
30		-----								16	17	14e
31		-----		-----		-----		-----		16	-----	15
TOTAL										510	518	499
MEAN										16.5	17.3	16.1
MAX										17	20	18
MIN										15	14	14
AC-FT										1,010	1,030	990
YEAR 1993	TOTAL	19,319	MEAN	52.9	MAX	2490	MIN	11	AC-FT	38,320		

REPUBLICAN RIVER BASIN

COURTLAND CANAL from Republican River - 1993

LOCATION.--SE1/4SE1/4 Sec. 7-1-9 W. near Guide Rock

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1952 -present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	99	57	132	62	57			
2				0	99	55	132	74	54			
3				0	99	51	132	86	22			
4				0	98	52	138	95	0			
5				0	74	53	148	104	0			
6				0	50	54	140	87	0			
7				0	26	55	137	74	0			
8				0	7.0	56	134	73	0			
9				0	7.5	55	133	105	0			
10				0	7.7	54	127	150	0			
11				0	7.6	54	122	196	0			
12				0	7.4	54	122	252	0			
13				0	7.1	55	119	250	0			
14				0	35	80	116	232	0			
15				25	53	94	111	232	0			
16				55	52	93	109	222	0			
17				55	80	93	113	247	0			
18				41	97	97	99	257	0			
19				10	97	100	91	174	0			
20				55	97	99	65	107	0			
21				55	71	111	70	107	0			
22				56	51	121	69	109	0			
23				45	48	120	68	107	0			
24				36	56	122	70	102	0			
25				36	58	143	93	93	0			
26				36	58	151	80	88	0			
27				47	58	150	85	88	0			
28				83	57	143	68	87	0			
29		-----		106	57	131	65	86	0			
30		-----		79	57	131	63	86	0			
31		-----		-----	57	-----	62	76	-----		-----	
TOTAL				820	1,727.3	2,684	3,213	4,108	133			
MEAN				27.3	55.7	89.5	104	133	4.43			
MAX				106	99	151	148	257	57			
MIN				0	7.0	51	62	62	0			
AC-FT				1,630	3,430	5,320	6,370	8,150	264			
YEAR 1993	MAX	257	MIN	0	AC-FT	25,160						

REPUBLICAN RIVER BASIN

SUPERIOR CANAL from Republican River - 1993

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 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	41	41	40	55				
2				0	41	41	40	55				
3				0	41	42	40	54				
4				0	41	42	43	54				
5				0	41	41	43	54				
6				0	41	41	41	54				
7				0	42	41	40	54				
8				0	40	41	39	53				
9				0	36	42	41	65				
10				0	39	42	40	74				
11				0	44	41	39	74				
12				0	43	41	40	74				
13				0	38	41	40	78				
14				0	39	41	40	80				
15				0	41	40	40	81				
16				0	43	40	40	78				
17				0	41	41	40	78				
18				0	40	42	8.9	77				
19				0	40	44	0	71				
20				0	40	43	0	58				
21				0	40	40	0	21				
22				0	40	31	0	0				
23				0	43	32	0	0				
24				0	43	41	0	0				
25				0	41	42	0	0				
26				0	41	41	0	0				
27				0	41	41	0	0				
28				0	41	40	0	0				
29		-----		0	41	40	0	0				
30		-----		21	41	41	26	0				
31		-----		-----	41	-----	55	0	-----		-----	
TOTAL				21	1,265	1,217	775.9	1,342				
MEAN				.70	40.8	40.6	25.0	43.3				
MAX				21	44	44	55	81				
MIN				0	36	31	0	0				
AC-FT				42	2,510	2,410	1,540	2,660				
YEAR 1993	MAX	81	MIN	0	AC-FT	9,170						

BIG BLUE RIVER BASIN

BIG BLUE RIVER at Surprise - 1993

LOCATION.--NW1/4NW1/4 Sec. 15-13-1 E., Butler County

GAGE.--Continuous stage recorder

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.

Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.

e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										10	6.6	8.7
2										8.9	6.0e	8.9
3										9.4	5.8e	8.9
4										12	5.6e	8.9
5										12	6.0e	8.9
6										6.1	6.4	7.5
7										4.1	7.2	8.2
8										7.0	7.1	7.8
9										6.0	6.8	7.8
10										5.9	6.5	8.5
11										7.9	6.2	7.8
12										9.2	6.2	8.5
13										6.7	6.2	8.9
14										6.7	6.6	11
15										12	7.1	15
16										9.0	7.4	12
17										8.5	7.5	11
18										7.8	7.5	10
19										7.1	7.7	8.6
20										6.4	7.8	7.4e
21										5.4	7.8	7.0e
22										5.4	7.8	6.2e
23										5.4	7.8	6.0e
24										5.8	7.8	6.8e
25										7.4	7.6e	7.2e
26										8.1	6.0e	7.0e
27										7.8	5.4e	6.4e
28										8.0	6.0e	6.0e
29		-----								8.2	6.8e	5.8e
30		-----								8.2	8.0e	6.0e
31		-----		-----		-----			-----	7.7	-----	7.0e
TOTAL										240.1	205.2	255.7
MEAN										7.75	6.84	8.25
MAX										12	8.0	15
MIN										4.1	5.4	5.8
AC-FT										476	407	507
YEAR 1993	TOTAL	21,166.6	MEAN	58.0	MAX	2190	MIN	2.6	AC-FT	41,980		

LITTLE BLUE RIVER BASIN

BIG SANDY CREEK at Alexandria - 1993

LOCATION.--SE1/4SE1/4 Sec. 11-3-1 W., Thayer County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1979 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993.
 Year 1993 values are for calendar year 1993 and include data published by the U. S. Geological Survey for WY 1993.
 e = estimated discharge

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1993

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										71	39	26e
2										66	38	27
3										61	38	27
4										58	38	27
5										56	37	27
6										54	37	27
7										51	37	27
8										50	37	27
9										49	36	27
10										47	35	27
11										45	34	27
12										43	34	27
13										42	34	27
14										41	34	27
15										63	34	27
16										149	33	27
17										120	32	27
18										99	32	27
19										99	32	27
20										101	32	27
21										76	31	28
22										67	30	28
23										61	30	27e
24										58	29e	26e
25										55	27e	26e
26										51	25e	27
27										48	23e	27
28										44	22e	25e
29		-----								43	21e	24e
30		-----								41	23e	24e
31		-----		-----		-----			-----	39	-----	25e
TOTAL										1,948	964	826
MEAN										62.8	32.1	26.6
MAX										149	39	28
MIN										39	21	24
AC-FT										3,860	1,910	1,640
YEAR 1993	TOTAL	101,026	MEAN	277	MAX	5,160	MIN	19	AC-FT	200,400		

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