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**STATE OF NEBRASKA**  
**DEPARTMENT OF WATER RESOURCES**  
**HYDROGRAPHIC REPORT**  
**1985**

**STATE OF NEBRASKA  
DEPARTMENT OF WATER RESOURCES**

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

**1985**

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

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## HYDROGRAPHIC REPORT 1985

### INTRODUCTION

The Hydrographic Report provides a record of stream flow, diversions for irrigation, reservoir storage and related data pertaining to water use in Nebraska. All measurement sites are referenced to the legal coordinates of the United States Bureau of Land Management. The records are listed in downstream order according to river basin and subbasin.

The basic stream gaging program in Nebraska is carried out under a cooperative agreement between the Water Resources Division, United States Geological Survey and the Nebraska Department of Water Resources. These records are published annually by the U.S. Geological Survey in the report titled Water Resources Data for Nebraska. Additional stream flow records are collected in the State by the Department of Water Resources in cooperation with irrigation districts, power companies and local governing bodies. Storage data for reservoirs in the Papillion and Salt Creek Basins was provided by the U.S. Army Corps of Engineers, Missouri River Division. These records are published in the Hydrographic Report.

Data from both the gaging stations operated under the cooperative agreement and those operated by the Department are available from the Nebraska Natural Resources Commission's computerized Data Bank. Stream flow, canal diversion and reservoir storage records for years preceding the current year's data published in this report, may be retrieved by contacting the Data Bank Administrator, Nebraska Natural Resources Commission, P.O. Box 94876, Lincoln, Nebraska 68509-4876.

Copies of the Hydrographic Report may be obtained by addressing the Department of Water Resources, P.O. Box 94676, Lincoln, Nebraska 68509-4676. Copies of the publication Water Resources Data for Nebraska may be obtained by addressing the District Chief, U.S. Geological Survey, Room 406, Federal Building and U.S. Courthouse, Lincoln, Nebraska 68508, or the Department of Water Resources.

## EXPLANATION OF DATA

The hydrologic data presented in this report was obtained during calendar year 1985. All instantaneous and daily discharge values are expressed in cubic feet per second. Monthly and annual discharge values and reservoir storage totals are expressed in acre-feet. The data may be converted to other common units of measurement using the table of equivalents listed below:

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

The data presented in the first section of the report includes mean daily discharges for streams and canals, and both daily and monthly reservoir storage values. The mean daily discharge values were obtained from water stage recorders, or readings taken by an observer.

The water diverted from streams into canals is measured at gages located as near as possible to the canal headgates. The legal description of the land on which the measuring device is situated is provided in the heading for each record. The length of time that the station has been operated is also listed in the heading.

The acres to be irrigated, by virtue of the listed appropriations, are noted at the foot of each diversion record. Section 46-261, R.R.S., Nebraska, 1943, provides that canal owners or operators must submit a verified list of lands to be irrigated to the Department by April 1 of each year, if required by the Director. The actual amount of land irrigated is sometimes different than that reported because of unpredictable circumstances, such as the weather.

Many discharge measurements are made on streams, canals and pumps in the course of regulating diversions to water users. In addition to measurements taken during times of water shortage, numerous sites on streams and canals are measured several times per year on a regular basis. Those measurements are listed in the second and third sections of the report. The measurements define the quantity of flow at the time the reading was obtained. A number of the miscellaneous stream flow measurements were taken under base flow conditions. Base flow conditions occur when stream flow consists entirely of ground water seepage, no water is being withdrawn for irrigation, and vegetative growth is at a minimum.

DAILY DISCHARGE OF RIVERS, STREAMS, CANALS  
AND STORAGE IN RESERVOIRS

1985



# WHITE RIVER BASIN

## WHITNEY RESERVOIR STORAGE IN ACRE-FEET

From White River--NW1/4SE1/4, Sec. 34-33-51W. near Whitney

Year Ending December 31, 1985

Period of Record:

June 1925-December 1929, April 1933-September 1942

October 1944-December 1985

Date	Contents (acre-feet)
December 27, 1984	6330
February 20, 1985	8240
March 14, 1985	9260
April 24, 1985	10160
May 13, 1985	9800
June 7, 1985	7070
June 20, 1985	6520
July 12, 1985	5000
August 6, 1985	3850
August 15, 1985	3550
September 4, 1985	2640
September 16, 1985	2260
October 7, 1985	2500
October 21, 1985	3030
November 6, 1985	3060
November 14, 1985	3200

A-1603

# NIOBRARA RIVER BASIN

**BIGELOW-SHYMOUR CANAL** from Niobrara River  
Measured through concrete flume  
NE1/4SE1/4 Sec. 19-31-57 W. near Harrison  
Period of Record: May 1956 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
0	0	0	0	0	0

**HOOVER PUMP** from Niobrara River  
Reported Pump Diversion  
NW1/4SW1/4 Sec. 21-31-57 W. near Harrison  
Period of Record:  
May 1955 - September 1956, May 1970 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
0	20	6	0	0	26

D-510R

NIOBRARA RIVER BASIN

JOHNSON CANAL from Niobrara River  
Measured through concrete flume  
SE1/4SE1/4 Sec. 35-31-57 W. near Harrison  
Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0.2	0	0	0
3	0	0.2	0	0	0
4	0	0.3	0	0	0
5	0	0.3	0	0	0
6	0.1	0.3	0	0	0
7	0.1	0.2	0	0	0
8	0.1	0.1	0	0	0
9	1	0.1	0	0	0
10	1	0	0	0	0
11	1	0	0	0	0
12	1	0	0	0	0
13	1	0	0	0	0
14	1	0	0	0	0
15	1	0	0	0	0
16	0.4	0	0	0	0
17	1	0	0	0	0
18	1	0	0	0	0
19	0.4	0	0	0	0
20	0.4	0	0	0	0
21	0.4	0	0	0	0
22	0.4	0	0	0	0
23	0.3	0	0	0	0
24	0.2	0	0	0	0
25	0.1	0	0	0	0
26	0.2	0	0	0	0
27	0.3	0	0	0	0
28	0.3	0	0	0	0
29	0.2	0	0	0	0
30	0.1	0	0	0	0
31	0	---	0	0	---
S.F.	13	1.7	0	0	0
Mean	0.4	0.1	0	0	0
Max.	1	0.3	0	0	0
Min.	0	0	0	0	0
A.F.	26	3	0	0	0
Total 5 Months -			29	A.F.	
D-511R					

LAKOTAH CANAL from Niobrara River  
Measured through 2-foot Parshall flume  
NW1/4NE1/4 Sec. 1-30-57 W. near Harrison  
Period of Record: April 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	1.8	1.3	1.6	1.6
2	0	1.8	1	1.9	1.4
3	0	1.8	0.9	2	1.5
4	0	1.8	0.8	1.8	1.7
5	0	1.8	0.7	1.5	1.7
6	0	1.9	0.6	1.4	1.6
7	2.2	2.1	0.5	1.4	1.4
8	2.8	2.2	0.5	1.4	1.9
9	2.7	2.3	0.5	1.4	1.9
10	2.6	2.2	0.6	1.4	1.8
11	3.2	2.2	0.7	1.3	1.8
12	4	2.1	0.7	1.3	1.8
13	3.9	2.2	0.7	1.3	1.6
14	3.6	2.2	0.5	1.4	1.4
15	3.4	2.2	0.5	1.4	1.2
16	3.4	2	0.5	1.6	1
17	3.2	2	0.5	1.7	1
18	3.3	1.5	0.5	1.7	1
19	3.2	1.2	0.7	1.8	0
20	3.1	1.2	0.7	2	0
21	2.7	1.2	0.7	2	0
22	2.6	1.2	0.8	1.9	0
23	2.5	1.2	1.1	1.9	0
24	2.4	1.1	1.2	1.8	0
25	2.4	1.1	0.9	1.7	0
26	2.4	1	1.2	1.6	0
27	2.3	1.2	1.1	1.6	0
28	2.3	1.3	0.9	1.6	0
29	2.4	1.4	0.9	1.6	0
30	2.2	1.4	0.9	1.6	0
31	1.9	---	1.2	1.6	---
S.F.	70.7	50.6	24.3	50.2	27.3
Mean	2.3	1.6	0.8	1.6	0.9
Max.	4	2.3	1.3	2	1.9
Min.	0	1	0.5	1.3	0
A.F.	140	100	48	100	54
Total 5 Months -			442	A.F.	
D-554					

EARNEST CANAL (South) from Niobrara River  
Measured through concrete flume  
SW1/4SE1/4 Sec. 9-29-56 W. near Harrison  
Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	4	0.6	0	1.3
2	0	4.2	2.7	0	0.2
3	0	4.6	2.8	0	0
4	0	5.1	2.7	0	0
5	0	5.2	2.7	0	0
6	0	5.2	2.7	0	0
7	0	4.7	2.7	0	0
8	0	4.1	2.6	0	0
9	0	3.5	2.1	0	0
10	0	3.5	1.6	0	0
11	0	3.4	2.8	0	0
12	0	3.5	2	0	0
13	1	2.9	1.8	0	0
14	3.1	0	1.6	0	0
15	2.9	0	1.4	1	0
16	2.7	0	1.3	2.1	0
17	2.6	0	1.3	2.1	0
18	2.6	0	1.2	2.2	0
19	2.5	0	1.2	2.2	0
20	2.6	0	1.1	2.4	0
21	2.6	0	1.1	2.5	0
22	2.6	0	1.1	2.7	0
23	2.6	0	1.4	2.6	0
24	2.5	0	2.4	2.4	0
25	3.5	0	1.1	2.1	0
26	3.9	0	1	2	0
27	4.4	0	0	1.8	0
28	4.6	0	0	1.7	0
29	4.7	0	0	1.7	0
30	4.4	0	0	1.1	0
31	4	---	0	0.8	---
S.F.	59.8	53.9	47	33.4	1.5
Mean	1.9	1.7	1.5	1.1	0
Max.	4.7	5.2	2.8	2.7	1.3
Min.	0	0	0	0	0
A.F.	119	107	93	66	3
Total 5 Months -			388	A.F.	
D-514a					

EARNEST CANAL (North) from Niobrara River  
Measured through concrete flume  
NE1/4SE1/4 Sec. 9-29-56 W. near Harrison  
Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	2.8	4.7	0
2	0	0	0	3.8	0
3	0	0	0	3.3	0
4	0	0	0	3.1	0
5	0	0	0	3.2	0
6	0	0	0	2.9	0
7	2.2	0	0	2.5	0
8	2	0	0	1.8	0
9	1	0	0	2.7	0
10	1	0	0	2.8	0
11	1	0	0	2.6	0
12	0	0	0	2.5	0
13	0	0	0	2.5	0
14	0	3.7	0	2.3	0
15	0	6.6	0	1	0
16	0	5.7	0	0	0
17	0	5.3	0	0	0
18	0	4.4	0	0	0
19	0	3	0	0	0
20	0	3.1	0	0	0
21	0	3.1	0	0	0
22	0	3.2	0	0	0
23	0	3.2	7.1	0	0
24	0	3.3	4.6	0	0
25	0	3.3	3.9	0	0
26	0	3.9	1.2	0	0
27	0	4.2	0	0	0
28	0	4.2	0	0	0
29	0	3.9	3.4	0	0
30	0	3.6	7.2	0	0
31	0	---	6	0	---
S.F.	7.2	67.7	36.2	41.7	0
Mean	0.2	2.2	1.2	1.3	0
Max.	2.2	6.6	7.2	4.7	0
Min.	0	0	0	0	0
A.F.	14	134	72	83	0
Total 5 Months -			303	A.F.	
D-514b, A-1362					

McGINLEY-STOVER CANAL from Niobrara River  
 Measured through concrete flume  
 SW1/4SE1/4 Sec. 25-29-56 W. near Agate  
 Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	4.5	0	0	0
2	0	4.5	0	0	0
3	0	5.2	0	0	0
4	0	4.8	0	0	0
5	0	4.5	0	0	0
6	0	4.5	0	0	0
7	0	4.5	0	0	0
8	0	4.4	0	0	0
9	0	4.3	0	0	0
10	0	4.3	0	0	0
11	0	4.2	0	0	0
12	0	4	0	0	0
13	0	3.6	0	0	0
14	0	3.2	0	0	0
15	0	3.1	0	0	0
16	0	2.9	0	0	0
17	2	2.9	1.3	0	0
18	3.6	3.2	3.1	0	0
19	5	2	3.2	0	0
20	5.8	1.7	3.3	0	0
21	6	5.2	3.8	0	0
22	6	4.8	3.6	0	0
23	5.8	4.8	3.7	0	0
24	5.5	4.5	5.3	0	0
25	5.8	5.2	4.4	0	0
26	4.7	0.8	4.3	0	0
27	4.2	0	3.9	0	0
28	4.3	0	2.8	0	0
29	4.3	0	0	0	0
30	4	0	0	0	0
31	4.5	---	0	---	0
S.F.	71.5	101.6	42.7	0	0
Mean	2.3	3.3	1.4	0	0
Max.	6	5.2	5.3	0	0
Min.	0	0	0	0	0
A.F.	142	202	85	0	0
Total 5 Months -	429		A.F.		
D-513aR, D-513b					

COOK CANAL NO. 1 from Niobrara River  
 Measured through concrete flume  
 SE1/4NE1/4 Sec. 2-28-56 W. near Agate  
 Period of Record:  
 May 1956 - September 1982, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
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	1.3	0	0	0
8	0	1.3	0	0	0
9	0	1.3	0	0	0
10	0	1.5	0	0	0
11	0	1.5	0	0	0
12	0	1.5	0	0	0
13	0	1.5	0	0	0
14	0	1.5	0	0	0
15	0	1.5	0	0	0
16	0	1.5	0	0	0
17	0	1.4	0	0	0
18	0	0.8	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
S.F.	0	16.6	0	0	0
Mean	0	0.5	0	0	0
Max.	0	1.5	0	0	0
Min.	0	0	0	0	0
A.F.	0	33	0	0	0
Total 5 Months -	33		A.F.		
D-980					

COOK CANAL PUMP from Niobrara River  
 Reported Pump Diversion  
 SE1/4NW1/4 & NW1/4SE1/4 Sec. 1-28-56 W. near Agate  
 Period of Record: May 1981 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
41	1	28	26	0	96

D-980

HOPPMAN PUMP from Niobrara River  
 Reported Pump Diversion  
 SW1/4SE1/4 Sec. 3-28-55 W. near Agate  
 Period of Record:  
 May 1956 - September 1956, May 1970 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
1	0	0	0	0	1

A-5772

NIOBRARA RIVER BASIN

**HARRIS-NEECE CANAL from Niobrara River**  
 Measured through concrete flume  
 SE1/4NE1/4 Sec. 3-28-55 W. near Agate  
 Period of Record: October 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	6.9	7.6	0	0
2	0	6.9	7.6	0	0
3	0	7	7.5	0	0
4	0	7.6	7.5	0	0
5	0	7.7	7.2	5.5	0
6	5	7.2	7	7.8	0
7	10	7.1	6.5	7.6	0
8	12	7.2	6	7	0
9	12	6.8	6	6.7	0
10	12	6.5	6	7.2	0
11	12	6.4	5.7	7.3	0
12	12	3.3	5.7	7.3	0
13	6.5	0	5.7	7.2	0
14	4.3	0	5.7	7.2	0
15	12	0	5.7	7.1	0
16	12	0	5.6	7	0
17	11	0	5.4	7	0
18	10	0	4.8	6.8	0
19	9.2	0	4.9	6.9	0
20	8.8	0	4.4	7.6	0
21	8.8	0	4.5	7.8	0
22	8.4	0	4.5	7.8	0
23	8.1	0	2.8	7.6	0
24	8.5	0	0	7.6	0
25	8.1	0	0	1.9	0
26	7.7	7.2	0	0	0
27	7.5	8.8	0	-0	0
28	7.6	8.8	0	0	0
29	7.4	8.5	0	0	0
30	7.2	8.1	0	0	0
31	7.1	---	0	0	---
S.F.	235.2	122	134.3	145.9	0
Mean	7.6	3.9	4.3	4.7	0
Max.	12	8.8	7.6	7.8	0
Min.	0	0	0	0	0
A.F.	467	242	266	289	0
Total 5 Months -		1260		A.F.	
D-517, A-2275					

**LABELLE CANAL from Niobrara River**  
 Measured through concrete flume  
 NW1/4NW1/4 Sec. 6-28-54 W. near Harrison  
 Period of Record: April 1956 - September 1985

Date	May	June	July	Aug.	Sept.
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	0.7	0	0	0	0
12	0.9	0	0	0	0
13	2	0	0	0	0
14	2.4	0	0	0	0
15	0.5	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	2.1	0	0	0
22	0	2.2	0	0	0
23	0	2	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	---
S.F.	6.5	6.3	0	0	0
Mean	0.2	0.2	0	0	0
Max.	2.4	2.2	0	0	0
Min.	0	0	0	0	0
A.F.	13	12	0	0	0
Total 5 Months -		25		A.F.	
D-518, A-60					

**METTLEN CANAL from Niobrara River**  
 Measured through concrete flume  
 NE1/4NW1/4 Sec. 4-28-54 W. near Agate  
 Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	1.2	1.3	0	2
2	0	1.3	1.2	0	0.7
3	0	1.3	1	0	1.7
4	0	1.9	1	0	2.1
5	0	2	1	0.9	1.8
6	1	2.1	0	0.6	0.4
7	3	1.6	0	0.7	0
8	3.1	0.6	0	0.1	5.6
9	2.4	0	0	0	4.9
10	2.2	0	0	0.6	0.8
11	3.1	0	0	0.7	0
12	3.8	0	0	0.6	0
13	5.3	0	0	0.6	0
14	10	0	0	0.6	0
15	8.8	0	0	1	0
16	3.1	0	0	0.6	0
17	0	0	0	0.2	0
18	0	0	0	0.1	0
19	0	0.9	0	0.5	0
20	0	2.5	0	0.8	0
21	0	4.6	0	1.6	0
22	0	3.9	0	1	0
23	0	2.7	0	0.1	0
24	0	3.9	0	0.8	0
25	0	4.7	0	0	0
26	0	5.4	0	2.5	0
27	0	3.9	0	4.6	0
28	0.1	2.3	0	4.1	0
29	1.4	1.7	0	4.1	0
30	1.1	1.6	0	4.1	0
31	1	---	0	4.1	---
S.F.	49.4	50.1	5.5	35.6	20
Mean	1.6	1.6	0.2	1.1	0.6
Max.	10	5.4	1.3	4.6	5.6
Min.	0	0	0	0	0
A.F.	98	99	11	71	40
Total 5 Months -			319		A.F.
A-292, A-1248, A-2244					

**BENNETT-KAY CANAL from Niobrara River**  
 Measured through concrete flume  
 SE1/4NE1/4 Sec. 1-28-54 W. near Agate  
 Period of Record: May 1958 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0.9	2.7	0	1.1
2	0	0	2.2	0	0
3	0	0	2.6	0	0
4	0	0	2	0	0
5	0	0	2	0	0
6	0	0	1	0	0
7	0	0	1	0	0
8	0	2.2	0	0	0
9	1.2	3.7	0	0	0
10	4.4	3.6	0	0	0
11	4.5	4	0	0	0
12	4.4	3.5	0	0	0
13	4.3	2.5	0	0	0
14	4.3	2.6	0	0	0
15	4.5	2.6	0	0	0
16	4.1	2.6	0	0	0
17	4.6	2.6	0	0.3	0
18	4.9	2.6	0	1.2	0
19	4.8	2.6	0	1.5	0
20	5	2.7	0	0.5	0
21	4.4	2.4	0	0	0
22	1.3	2.1	0	1.6	0
23	0	2.2	0	2.2	0
24	2.1	0.7	0	0.7	0
25	3.7	0	0	0	0
26	3.7	0	0	0	0
27	2.2	0.4	0	0.8	0
28	3.6	2.4	0	1.5	0
29	3.3	1.2	0	1.8	0
30	2.6	2.9	0	1.9	0
31	2.6	---	0	2	---
S.F.	80.5	53	13.5	16	1.1
Mean	2.6	1.7	0.4	0.5	0
Max.	5	4	2.7	2.2	1.1
Min.	0	0	0	0	0
A.F.	160	105	27	32	2
Total 5 Months -			326		A.F.
A-1249					

MOORE-KAY CANAL from Niobrara River  
Measured through concrete flume  
SE1/4NE1/4 Sec. 9-28-53 W. near Marsland  
Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	3.7	2.7	0	0
2	0	3.9	2.8	0	0
3	0	4.1	2.3	0	0
4	0	3.2	2.4	0	0
5	0	1.2	2.5	0	0
6	0	0.5	2.6	0	0
7	0	0.6	2.7	0	0
8	0	0.8	2.8	0	0
9	0	1	0	0	0
10	0	1.2	0	0	0
11	0	1.4	0	0	0
12	0	1.6	0	0	0
13	0	1.6	0	0	0
14	0	1.4	0	0	0
15	0	1.4	0	0	0
16	0	1.2	0	0	0
17	0	1.2	0	0	0
18	0	1	0	0	0
19	0	1	0	0	0
20	0	1	0	0	0
21	0	1	0	0	0
22	0	1	0	0	0
23	0	1	0	0	0
24	0	1	0	0	0
25	0	1	0	0	0
26	0	1	0	0	0
27	2	4.6	0	0	0
28	5.1	3.6	0	0	0
29	4.9	2.8	0	0	0
30	4.5	3.3	0	0	0
31	4.1	---	0	0	---
S.F.	20.6	55.3	20.8	0	0
Mean	0.7	1.8	0.7	0	0
Max.	5.1	4.6	2.8	0	0
Min.	0	0.5	0	0	0
A.F.	41	110	41	0	0
Total 5 Months -	192	A.F.			
A-88					

ARMSTRONG PUMP from Niobrara River  
Reported Pump Diversion  
SW1/4NW1/4 Sec. 9-28-53 W. near Marsland  
Period of Record: May 1970 - September 1985

May	June	July	Aug.	Sept.	Total (Acra-Fest)
2	19	0	0	0	21

A-10870

GEO HITSHEW CANAL from Niobrara River  
Measured through concrete flume  
SE1/4SE1/4 Sec. 6-28-52 W. near Marsland  
Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	1.3	0	2.9	0.3
2	0	1.6	0	2.9	0.3
3	0	1.8	0	2.8	1.2
4	0	2.3	0	2.8	1.6
5	0	2.4	0	2.7	1.6
6	0	2.3	0	2.4	1.5
7	0	2.2	0	2	1.8
8	0	2.2	0	1.8	3
9	0	2.4	0	1.6	3
10	0	1.6	0	1.8	2.4
11	0	1.4	0	1.6	2.4
12	0	1.4	0	1.6	2.4
13	0	1.2	0	1.6	2.4
14	0	0.5	0	1.6	2.4
15	0	0.5	0	1.6	2.4
16	0	0.5	0	1.6	2.4
17	0	0.7	0	1.6	2.7
18	0	1.7	0	1.6	0
19	0	1.8	0	1.6	0
20	0	1.8	0	1.6	0
21	0	1.6	0	1.6	0
22	0	0.5	0	1.5	0
23	0.5	0	0	1.4	0
24	1.6	0	0	1	0
25	1.2	0	0	1.1	0
26	0.6	0	0	1.2	0
27	1.4	0	0.6	1.4	0
28	1.8	0	3	1.4	0
29	2	0	3.2	1.2	0
30	1.8	0	3.5	1	0
31	1.6	---	3.1	0.6	---
S.F.	12.5	33.7	13.4	53.1	33.8
Mean	0.4	1.1	0.4	1.7	1.1
Max.	2	2.4	3.5	2.9	3
Min.	0	0	0	0.6	0
A.F.	25	67	27	105	67
Total 5 Months -	291	A.F.			
A-1260					

HITSHEW PUMP NO. 2 from Niobrara River  
Reported Pump Diversion  
SE1/4SE1/4 Sec. 6-28-52 W. near Marsland  
Period of Record:  
May 1956 - September 1956, May 1970 - September 1985

May	June	July	Aug.	Sept.	Total (Acra-Fest)
12	11	0	0	11	34

A-4862

NIOBRARA RIVER BASIN

MCLAUGHLIN CANAL from Niobrara River  
 Measured through concrete flume  
 SW1/4SE1/4 Sec. 9-28-52 W. near Marsland  
 Period of Record: April 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	5	2.5	0	0.8
2	0	8	2	0	1.5
3	0	8	1.7	0	3.8
4	0	8	1.6	0	3.3
5	0	9	1.4	0	2.1
6	0	9.1	1.4	0	2.1
7	0	7.7	1.3	0	2.4
8	0	4.4	1.2	0	3.4
9	0	2.5	1.5	0	3.9
10	0	2.9	2.7	0	3.9
11	0	4	3.1	0	3.6
12	0	4.1	2.7	0	3.8
13	1	3.3	3.5	0	3.8
14	5	4.2	3.6	0	3.8
15	8	4.2	3	0	3.4
16	10	4.6	3.3	0	3
17	10	4.6	3.1	0	2
18	10	1.9	2.8	0	0
19	11	1.6	3	0.1	0
20	11	0.8	3.9	1.8	0
21	11	0.5	4	1.5	0
22	12	1.6	3.9	2.5	0
23	12	2.3	3.6	2.5	0
24	10	2.1	3.6	1.2	0
25	10	2.3	3.1	1.5	0
26	10	3.6	2.1	1.8	0
27	8	4.8	0	2.7	0
28	8	4.5	0	2.1	0
29	6	3.7	0	1.7	0
30	5	3	0	1.6	0
31	5	---	0	0.9	---
S.F.	163	126.3	69.6	21.9	50.6
Mean	5.3	4.1	2.2	0.7	1.6
Max.	12	9.1	4	2.7	3.9
Min.	0	0.5	0	0	0
A.F.	323	251	138	43	100
Total 5 Months -	855 A.F.				
D-566					

EXCELSIOR CANAL from Niobrara River  
 Measured through concrete flume  
 NE1/4NE1/4 Sec. 10-28-52 W. near Marsland  
 Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	0.3	0	0
2	0	0	0.2	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0.4	0
7	0	0	0	2.3	0
8	0	0	0	1.8	0
9	0	0	0	1.6	0
10	0	0	0	1.6	0
11	0	0.1	0	2.2	0
12	0	0.2	0	2.2	0
13	0	0.2	0	1.4	0
14	0	0.4	0	1.4	0
15	0	0.4	0.3	1.5	0
16	0	0.5	0.4	1.4	0
17	0	0.5	0.2	1.4	0
18	0	0.6	0	1.4	0
19	0	0.6	0	1.4	0
20	0	0.6	0	0.8	0
21	0	0.5	0	0.2	0
22	0	0.5	0	0	0
23	0	0.8	0	0	0
24	0	0.7	0	0	0
25	0	0.6	0	0	0
26	0	0.9	0	0	0
27	0	1.2	0	0	0
28	0	0.7	0	0	0
29	0	0.5	0	0	0
30	0	0.4	0	0	0
31	0	---	0	0	---
S.F.	0	10.9	1.4	23	0
Mean	0	0.4	0	0.7	0
Max.	0	1.2	0.4	2.3	0
Min.	0	0	0	0	0
A.F.	0	22	3	46	0
Total 5 Months -	71 A.F.				
D-568, A-2264					

HUGHES CANAL from Niobrara River  
 Measured through concrete flume  
 SE1/4SE1/4 Sec. 1-28-52 W. near Marsland  
 Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	1	0	0	0
2	0	1	0	0	0
3	0	1	0	0	0
4	0	1.2	0	0	0
5	0	1.3	0	0	0
6	0	1.4	0	0	0
7	0	1.6	0	0	0
8	0	1.5	0	0	0
9	0	1.3	0	0	0
10	0	1	0	0	0
11	0	0.2	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	0.5	0	0	0	0
30	0.3	0	0	0	0
31	0.6	---	0	0	---
S.F.	1.4	12.5	0	0	0
Mean	0	0.4	0	0	0
Max.	0.6	1.6	0	0	0
Min.	0	0	0	0	0
A.F.	3	25	0	0	0
Total 5 Months -	28 A.F.				
D-987a, D-987b					

DAVISON PUMP from Niobrara River  
 Reported Pump Diversion  
 NW1/4NE1/4 Sec. 12-28-54 W. near Marsland  
 Period of Record:  
 May 1956 - September 1956, May 1970 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
1	0	0	0	0	1

A-1662

NIORARA RIVER BASIN

CIRCLE PUMP from Niobrara River  
 Reported Pump Diversion  
 NE1/4SW1/4 Sec. 5-28-51 W. near Marsland  
 Period of Record: May 1970 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
32	12	0	0	0	44

A-4758

PIONEER PUMP from Niobrara River  
 (Sprinkler Irrigation)  
 SE1/4SW1/4 Sec. 30-29-50 W. near Marsland  
 Period of Record: May 1981 - September 1985

Apr.	May	June	July	Aug.	Sept.	Total (Acre-Feet)
10	52	37	36	27	0	164

D-442a, A-3812, A-4599, A-5010

FURMAN CANAL (North) from Niobrara River  
 Measured through concrete flume  
 SW1/4SW1/4 Sec. 29-29-50 W. near Marsland  
 Period of Record: May 1956 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
0	0	0	0	0	0

D-462

ENTERPRISE CANAL PUMP from Niobrara River  
 (Sprinkler Irrigation)  
 NW1/4SE1/4 Sec. 27-29-50 W. near Marsland  
 Period of Record: May 1977 - September 1985

Apr.	May	June	July	Aug.	Sept.	Total (Acre-Feet)
39	42	62	16	25	0	184

D-461, A-5181

NIOBRARA RIVER BASIN

BOX BUTTE RESERVOIR

From Niobrara River--SW1/4NE1/4 Sec. 28-29-49 W. near Dunlap

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acres-feet)
Top of conservation pool	4007.00	31060
Top of dead storage pool	3969.00	640

Year Ending December 31, 1985  
 Period of Record: December 1946 - December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1												
2							10385	4079				
3												
4												
5							9291	3740		2371	3988	
6												
7								3071			4064	
8							8188	2881				
9												
10							7652					
11			12406					2448		2626		
12									1594			
13								2032				
14							6705	1832				
15							6329	1589				
16												
17						15244	5771	1465				
18						15222						
19							5349	838				
20						14339						
21							5435	766				
22							5231					
23						13048				3348		
24						12512	4759		1896			
25						11940		640				
26						11865	4576					
27						11996						
28		11696				11761						
29						11575	3962					
30				14914		11287	3823		2018		4764	
31	10482		13969				3907	729		3803		6168

Application Nos. A-2709A & A-3456, Plan No. 5314

DELSING PUMP from Niobrara River  
 (Sprinkler Irrigation)  
 S1/2NE1/4 Sec. 35-29-49 W. near Dunlap  
 Period of Record: May 1983 - September 1985

Apr.	May	June	July	Aug.	Sept.	Total (Acres-Feet)
2	0	20	6	0	0	28

A-16048

MONTAGUE PUMP from Niobrara River  
 (Sprinkler Irrigation)  
 SE1/4NE1/4 Sec. 28-29-48 W. near Dunlap  
 Period of Record:  
 May 1956 - September 1956, May 1970 - September 1985

Apr.	May	June	July	Aug.	Sept.	Total (Acres-Feet)
1	0	36	94	88	6	225

A-2266, A-10716



**MONTAGUE CANAL from Niobrara River**  
 Measured through concrete flume  
 SW1/4NW1/4 Sec. 27-29-48 W. near Dunlap  
 Period of Record:  
 May 1956 - September 1957, May 1959 - September 1985

Date	May	June	July	Aug.	Sept.
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	0.2	0	0
10	0	0	0.6	0	0
11	0	0	0.7	0	0
12	0	1.4	0.7	0	0
13	0	1.5	0.8	0	0
14	0	0	0.7	0	0
15	0	0	0.6	0	0
16	0	0.2	0.6	0	0
17	0	0.9	0.7	0	0
18	0	1	0.7	0.4	0
19	0	1	0.8	0.8	0
20	0	0.9	0.7	0.5	0
21	0	0.9	0.6	0.5	0
22	0	0.9	0.5	0.5	0
23	0	0.9	0.9	0.3	0
24	0	0.9	1	0.4	0
25	0	0.9	1.1	0.9	0
26	0	0.9	1.1	0.9	0
27	0	0.9	0.9	0.7	0
28	0	0.9	0.6	0	0
29	0	0.9	0.6	0	0
30	0	0.3	0.9	0	0
31	0	---	0.4	0	---
S.F.	0	15.3	16.4	5.9	0
Mean	0	0.5	0.5	0.2	0
Max.	0	1.5	1.1	0.9	0
Min.	0	0	0	0	0
A.F.	0	30	33	12	0
Total 5 Months -			75	A.F.	
A-575, A-2754					

**LICHTE CANAL from Niobrara River**  
 Measured through 3-foot Parshall flume  
 SW1/4NW1/4 Sec. 26-29-48 W. near Dunlap  
 Period of Record: April 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	2.2	4.6	0	0
2	0	1.9	3.4	0	0
3	0	1.9	2.1	0	0
4	0	2.4	1.5	0	0
5	0	2.4	2.9	0	0
6	0	2.5	3.1	0	0
7	0	2.5	3.1	0	0
8	0	2.6	3.1	0	0
9	0	1.6	3.1	1.7	0
10	0	1.1	3.3	3.4	0
11	0	1.6	3.4	3.3	0
12	0	2.5	3.3	3.4	0
13	0	2.4	3	3	0
14	0	2	2.8	3.4	0
15	0	1.9	2.8	3.4	0
16	0	1.2	2.8	3.4	0
17	0	1.7	2.8	3.4	0
18	0	0.4	2.8	3.4	0
19	0	4	3	3	0
20	1	6.6	2.9	2.4	0
21	1	6	2.9	2.4	0
22	2	5.7	2.8	1.9	0
23	2.4	5.4	2.8	1.8	0
24	2.4	5.1	2.3	1.3	0
25	2.2	3.3	0	0.9	0
26	1.3	2.9	0	1.7	0
27	0.9	3	0	1.3	0
28	1.9	3.7	0	0.6	0
29	1.1	4.2	0	0	0
30	2.8	4.3	0	0	0
31	2.8	---	0	0	---
S.F.	21.8	89	70.6	49.1	0
Mean	0.7	2.9	2.3	1.6	0
Max.	2.8	6.6	4.6	3.4	0
Min.	0	0.4	0	0	0
A.F.	43	177	140	97	0
Total 5 Months -			457	A.F.	
D-479R, A-1086R, A-1088, A-1152R					
A-2523R, A-2837R, A-3592R					

**MIRAGE PLATS CANAL from Niobrara River**  
 Measured through 10-foot Parshall flume  
 SE1/4NW1/4 Sec. 26-29-48 W. near Dunlap  
 Period of Record: May 1948 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	154	62	0
2	0	0	154	59	0
3	0	0	162	51	0
4	0	0	163	53	0
5	0	0	160	85	0
6	0	0	163	135	0
7	0	0	162	129	0
8	0	0	171	129	0
9	0	0	155	118	0
10	0	0	157	105	0
11	0	0	144	104	0
12	0	0	143	105	0
13	0	0	142	108	0
14	0	0	142	108	0
15	0	0	147	104	0
16	0	0	154	94	0
17	0	0	153	89	0
18	0	29	149	89	0
19	0	79	130	80	0
20	0	82	90	62	0
21	0	108	88	73	0
22	0	147	92	55	0
23	0	129	102	43	0
24	0	150	107	43	0
25	0	173	102	44	0
26	0	161	87	26	0
27	0	126	77	0	0
28	0	110	87	0	0
29	0	119	111	0	0
30	0	128	100	0	0
31	0	---	72	0	---
S.F.	0	1541	4020	2153	0
Mean	0	51	130	69	0
Max.	0	173	171	135	0
Min.	0	0	72	0	0
A.F.	0	3060	7970	4270	0
Total 5 Months -			15300	A.F.	
A-2683, A-3729					

**POTMESIL CANAL from Niobrara River**  
 Measured through 3-foot Parshall flume  
 SE1/4NW1/4 Sec. 26-29-48 W. near Dunlap  
 Period of Record: May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	6	0	4.7	0
2	0	6	1.3	5.5	0
3	0	4.1	4.6	5.5	0
4	0	0	4.6	5.5	0
5	0	6.4	4.6	8.1	0
6	0	8.1	4.6	7.6	0
7	0	7.5	4.7	7.6	0
8	0	6.7	4.6	6.6	0
9	0	4.8	4	4.7	0
10	0	3.6	3.7	3.4	0
11	0	5.2	3.3	3.3	0
12	0	5.7	3.6	4	0
13	0	5.8	3.6	4.2	0
14	0	5.1	3.7	4.2	0
15	0	6	4.3	4.2	0
16	0	6.6	4	3	0
17	0	7.2	4.3	2.5	0
18	0	10	4.6	2.5	0
19	0	10	4.6	3.7	0
20	0	9.3	4.6	2	0
21	2	9.1	4.7	1.7	0
22	4	9.5	4.8	1.2	0
23	6	8.8	5.5	0	0
24	5.7	10	5.8	0	0
25	6.4	6.2	6	0	0
26	6.1	0	4.7	0	0
27	6	0	4.6	0	0
28	6	0	5.7	0	0
29	1.2	0	7	0	0
30	0	0	3.9	0	0
31	3.4	---	3	0	---
S.F.	46.8	167.7	133	95.7	0
Mean	1.5	5.4	4.2	3.1	0
Max.	6.4	10	7	8.1	0
Min.	0	0	0	0	0
A.F.	93	333	264	190	0
Total 5 Months -			880	A.F.	
A-2566, A-10686					

NIOBRARA RIVER BASIN

MERRITT RESERVOIR STORAGE IN ACRE-FEET

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

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

Year Ending December 31, 1985

Period of Record: October 1965 - December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	68831	68831	69389	69389	76549	72766	69110	49281	50359	56970	68831	68560
2	71341	68831	69110	69389	76549	72766	68831	49712	50575	57452	68831	68560
3	68560	68560	69110	69389	76549	72766	68560	49928	50359	58176	68831	68560
4	68831	68560	69110	69389	76254	72766	67745	50143	50143	58666	68831	68560
5	68831	68560	68831	69947	76254	72766	67203	50359	49928	59165	68831	68560
6	68831	68288	68831	70504	75960	72766	66388	50143	49497	59663	68831	68560
7	68831	68288	68831	70783	75665	72766	65325	49712	49497	60161	68831	68831
8	68831	68288	68831	71341	75370	72766	64797	49074	49281	60660	68831	68831
9	69110	68288	68831	71907	75370	72766	63740	48245	49074	60909	68831	68831
10	69110	68288	68831	72480	75075	72766	62963	47416	49074	61422	68831	69110
11	69110	68288	68831	72766	74781	72766	61936	46811	49074	61936	68831	69110
12	68831	68288	68831	73340	74486	72480	61166	46412	49281	62449	68831	68831
13	68831	68288	68831	73626	74486	72480	60411	46014	49712	63219	68831	68831
14	68831	68288	68831	73053	74199	72480	59414	46213	50143	63740	68831	68831
15	69110	68288	68831	74486	74199	72766	58411	46611	50359	64268	68831	68831
16	69110	68560	68831	74781	73913	72766	57452	47010	50790	64797	68831	68831
17	69110	68560	68831	75370	73626	72766	56729	47416	51221	65325	68831	68831
18	69110	68560	68560	75370	73340	72766	56005	47623	51437	65853	68831	68831
19	69110	68831	68560	75665	73340	72480	55307	47831	51885	66117	68831	68831
20	68831	69110	68560	75960	73053	72480	54842	48245	52109	66388	68831	68831
21	68560	69110	68560	75960	73053	72193	54376	48452	52333	66660	68831	68831
22	68560	69110	68560	76254	73053	71907	53911	48867	52558	66931	68831	68831
23	68560	69110	68560	76254	73053	71620	53230	49281	53006	67203	68831	68831
24	68560	69110	68560	76254	73053	71062	52558	49497	53454	67474	68831	68831
25	68560	69389	68288	76254	72766	70783	51661	49928	53911	67745	68831	68831
26	68560	69389	68560	76254	72766	70226	50790	50143	54376	68017	68831	68831
27	68560	69389	69389	76254	72766	69947	50143	50359	54842	68288	68831	68831
28	68831	69389	69389	76254	72766	69668	49281	50790	55307	68288	68831	68831
29	68831	-----	69389	76549	72766	69389	48659	50790	56005	68560	68831	68831
30	68831	-----	69389	76549	72766	69389	48659	50790	56487	68560	68560	68831
31	68831	-----	69389	-----	72766	-----	49074	50790	-----	68831	-----	68831

Application No. 9660, Plan No. 8746

AINSWORTH CANAL from Snake River and Merritt Reservoir--Measured through 15-foot Parshall Flume NW1/4NE1/4 Sec. 29-31-30 W. near Ainsworth  
Period of Record: May 1965 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	97	342	105	310
2	0	106	437	125	325
3	0	107	500	140	378
4	0	91	529	173	369
5	18	86	557	264	353
6	99	86	580	386	305
7	50	93	582	509	265
8	66	101	594	573	268
9	73	109	603	578	278
10	63	118	615	557	264
11	62	118	615	555	204
12	61	118	617	463	89
13	61	118	617	96	71
14	53	122	622	96	65
15	49	125	622	96	65
16	49	129	622	96	59
17	49	149	605	97	55
18	49	187	548	111	55
19	50	219	459	128	56
20	50	244	439	115	56
21	53	300	448	91	56
22	67	335	500	86	29
23	75	342	562	86	0
24	75	378	587	86	0
25	76	448	596	86	0
26	76	430	594	88	0
27	76	310	571	119	0
28	75	293	573	170	0
29	79	280	555	222	0
30	86	289	163	283	0
31	92	---	101	310	---
S.F.	1732	5928	16355	6890	3975
Mean	56	198	528	222	133
Max.	99	448	622	578	378
Min.	0	86	101	86	0
A.P.	3440	11760	32440	13670	7880
Total 5 Months	-69190	A.P.			
A-5218, A-10620-Supp., A-13853, A-15122, A-15557, A-15730					

MISSOURI RIVER TRIBUTARIES  
( NIOBRARA TO THE PLATTE )

**STANDING BEAR LAKE (NO. 16) STORAGE IN ACRE-FEET**

On Big Papillion Creek--Sec. 36-16-11E. near Omaha

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1121.0	5280
Top of conservation pool	1109.0	2380
Top of dead storage pool	1080.0	140

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	1520
January 31, 1985	1500
February 28, 1985	1530
March 31, 1985	1500
April 30, 1985	1510
May 31, 1985	1510
June 30, 1985	1470
July 31, 1985	1460
August 31, 1985	1400
September 30, 1985	1360
October 31, 1985	1350
November 30, 1985	1320
December 31, 1985	1300

Application No. 12644, Plan No. 11119

**CUNNINGHAM LAKE (NO. 11) STORAGE IN ACRE-FEET**

On Knight Creek, tributary to Little Papillion Creek  
Sec. 22-16-12E. in Omaha.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1142.0	74560
Top of conservation pool	1121.0	15640
Top of dead storage pool	1099.0	280

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	4030
January 31, 1985	3910
February 28, 1985	3980
March 31, 1985	3930
April 30, 1985	4060
May 31, 1985	3970
June 30, 1985	3940
July 31, 1985	3970
August 31, 1985	3950
September 30, 1985	3540
October 31, 1985	3990
November 30, 1985	3970
December 31, 1985	4020

Application No. 12909, Plan No. 11436

**PAPILLION CREEK RESERVOIR (NO. 20) STORAGE IN ACRE-FEET**

On the South Fork of the West Branch of Big Papillion  
Creek--Sec. 23-14-11E. near Chalco.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (Acre-Feet)
Top of flood pool	1120.0	12780
Top of conservation pool	1096.0	2710
Top of dead storage pool	1077.0	220

Year ending December 31, 1985

Period of Published Record: February 1985 to December 1985

Date	Contents (acre-feet)
December 31, 1984	---
January 31, 1985	---
February 28, 1985	229
March 31, 1985	335
April 30, 1985	415
May 31, 1985	599
June 30, 1985	593
July 31, 1985	571
August 31, 1985	547
September 30, 1985	529
October 31, 1985	526
November 30, 1985	518
December 31, 1985	504

Application No. 16141, Plan No. 14072

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River  
Measured through Parshall flume  
SW1/4NW1/4 Sec. 10-26-65 W.

Period of Record:  
April 1918 - October 1928, October 1933 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	1018	1509	1519	1509
2	0	1016	1509	1519	1487
3	0	1018	1509	1519	1478
4	0	866	1512	1525	1475
5	589	831	1512	1522	1413
6	656	740	1512	1522	1407
7	656	740	1512	1522	1410
8	709	752	1509	1525	1362
9	745	786	1509	1531	1296
10	794	784	1509	1525	1235
11	814	791	1525	1525	1163
12	811	843	1537	1525	1078
13	818	889	1537	1528	1026
14	874	975	1537	1528	1010
15	910	1067	1537	1528	978
16	936	1160	1537	1528	973
17	983	1305	1541	1531	938
18	1013	1371	1541	1528	905
19	1013	1374	1541	1525	900
20	1013	1416	1528	1525	905
21	1016	1506	1525	1528	905
22	1016	1509	1528	1525	889
23	1016	1512	1531	1503	806
24	1016	1512	1534	1503	629
25	1016	1509	1534	1503	0
26	1016	1509	1537	1506	0
27	1016	1506	1541	1506	0
28	1016	1509	1541	1506	0
29	1016	1509	1537	1509	0
30	1016	1509	1534	1512	0
31	1016	-----	1522	1506	-----
S.F.	24510	34832	47327	47107	27177
Mean	791	1161	1527	1520	906
Max.	1016	1512	1541	1531	1509
Min.	0	740	1509	1503	0
A.F.	48610	69090	93870	93440	53900
Total 5 months	-358910	A.F.			
Acreage reported A-768 (Nebr.)	-55243,				
A-768(Wyo.)	-50210,	Total-105453			

FORT LARAMIE CANAL from North Platte River--at Mile  
Post 85.3 for Nebraska lands--Measured through  
Parshall flume--NW1/4NE1/4 Sec. 9-21-58 W.

Period of Record: May 1981 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	352	612	632	617
2	0	353	608	632	628
3	0	357	596	639	619
4	0	344	605	630	623
5	0	316	608	632	617
6	0	278	601	639	601
7	0	267	603	637	612
8	195	278	608	637	612
9	272	265	608	632	579
10	282	280	603	635	555
11	295	272	596	635	540
12	307	265	596	639	546
13	328	278	612	626	540
14	314	280	608	621	483
15	328	277	605	621	453
16	344	292	619	630	449
17	359	309	619	619	461
18	374	374	623	619	447
19	392	441	619	621	461
20	374	451	623	628	441
21	379	459	619	619	423
22	383	475	626	619	414
23	363	531	639	619	429
24	361	557	617	619	416
25	348	508	619	619	387
26	353	601	619	619	265
27	346	605	623	619	105
28	353	605	626	619	0
29	348	596	632	619	0
30	346	608	641	612	0
31	332	-----	637	617	-----
S.F.	8076	11954	19070	19404	13323
Mean	261	398	615	626	444
Max.	392	608	641	639	628
Min.	0	265	596	612	0
A.F.	16020	23710	37820	38490	26430
Total 5 months	-142470	A.F.			
Acreage reported A-768 (Nebr.)	-55243				

INTERSTATE CANAL from North Platte River--Measured  
through rating flume--NE1/4NW1/4 Sec. 11-26-65 W., Wyo.  
Period of Record: October 1915 - October 1985

Date	April	May	June	July	Aug.	Sept.	Oct.
1	0	891	1229	2022	1893	2018	918
2	0	894	840	2015	1896	2008	921
3	0	1050	608	2018	1920	1967	918
4	0	1169	243	2025	1937	1933	918
5	0	1291	0	2032	1944	1930	915
6	0	1358	0	2032	1978	1930	900
7	0	1412	0	2036	1998	1930	921
8	0	1496	0	2036	2005	1927	924
9	0	1587	0	2025	2012	1842	918
10	0	1722	0	2029	2008	1762	854
11	0	1729	0	1995	2015	1709	570
12	0	1679	0	1971	2012	1663	156
13	0	1633	0	1971	2008	1616	0
14	0	1571	0	1995	2005	1610	0
15	0	1541	268	1988	2005	1610	0
16	46	1535	257	1991	2005	1590	0
17	498	1541	953	1995	2005	1541	0
18	785	1541	1282	1988	2022	1535	0
19	883	1548	1473	1961	2025	1528	0
20	889	1525	1789	1957	2029	1535	0
21	886	1483	1961	1954	2032	1538	0
22	883	1444	1974	1950	2032	1535	0
23	889	1451	1988	1927	2032	1499	0
24	898	1499	2001	1920	2036	1493	0
25	898	1499	2032	1930	2036	1567	0
26	881	1499	2056	1930	2039	1301	0
27	878	1496	2029	1927	2039	1266	0
28	878	1496	2022	1930	2042	1135	0
29	883	1496	2022	1950	2042	835	0
30	886	1496	2022	1950	2049	918	0
31	-----	1499	-----	1944	2025	-----	0
S.F.	11961	45071	29049	61394	62126	48071	9833
Mean	386	1454	937	1980	2004	1602	317
Max.	898	1729	2056	2036	2049	2018	924
Min.	0	891	0	1920	1893	835	0
A.F.	23720	89400	57620	121770	123230	95350	19500
Total 7 months	-530590	A.F.					
Acreage reported A-768 (Nebr.)	-100949,	A-768 (Wyo.)					
A-768 (Wyo.)	-11500,	Total-112449					

NORTH PLATTE RIVER BASIN

INTERSTATE CANAL

Summary in Acre-feet

1985

Diverted for:	Apr.	May	June	July	Aug.	Sept.	Oct.	Totals
Nebr. Lands.....	23730	84330	52150	105880	108210	84290	19500	479090*
Wyo. Lands.....	0	5070	5470	15890	15020	7860	0	49310
Totals.....	23730	89400	57620	121770	123230	92150	19500	527400

\*Includes 52959 A.F. transferred to Inland Lakes

Total water diverted 527400 A.F.

Acreage reported = A-768 (Nebr) - 100950  
(Wyo) - 11500

ALICE RESERVOIR STORAGE IN ACRE-FEET

From North Platte River--Sec. 8-23-54W and Sec. 15-23-54W.  
Regulating reservoir for irrigation on the Interstate Canal near Scottsbluff.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4182.0	11,020
Top of dead storage pool	4159.0	0

Year Ending December 31, 1985  
Period of published record: October 1977-December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1261	959	0	0	4786	9283	10708	7049	2697	4610	-----	-----
2	-----	-----	-----	-----	4904	9501	10708	6849	2596	4727	-----	-----
3	-----	-----	-----	-----	4844	9576	10632	6716	2546	4965	-----	-----
4	-----	-----	-----	-----	4904	9650	10555	6523	2546	5206	-----	-----
5	-----	-----	-----	-----	4904	9576	10478	6394	2497	5573	-----	-----
6	-----	-----	-----	-----	5025	9501	10325	6330	2397	5822	-----	-----
7	-----	-----	-----	-----	5267	-----	10248	6201	2300	6136	-----	-----
8	-----	-----	-----	-----	5388	-----	10099	6072	2201	6458	1874	-----
9	-----	-----	-----	-----	5510	-----	9949	5947	1920	6716	-----	-----
10	-----	-----	-----	-----	5698	-----	9800	5760	1645	6982	-----	-----
11	-----	-----	-----	-----	5822	-----	9501	5635	1645	7248	-----	-----
12	-----	-----	-----	-----	6072	-----	9328	5388	1645	7587	-----	-----
13	-----	-----	-----	-----	6330	-----	8992	5267	1734	7655	-----	1432
14	-----	-----	-----	-----	6652	8847	8703	5025	1920	7381	1781	-----
15	-----	-----	-----	-----	6982	-----	8421	4844	2152	6716	-----	-----
16	-----	-----	-----	-----	7115	-----	8308	4669	2399	5822	-----	-----
17	-----	-----	-----	-----	7248	8703	8067	4494	2596	4965	-----	-----
18	-----	-----	-----	-----	7381	8350	7930	4318	2851	4148	-----	-----
19	-----	-----	-----	-----	7518	8919	7861	4148	2954	3429	-----	-----
20	-----	-----	-----	-----	7587	9501	7793	3979	3109	2697	-----	1346
21	-----	-----	-----	820	7793	9949	7793	3867	3160	2013	-----	-----
22	-----	-----	-----	1399	7998	10555	7724	3698	3268	1781	-----	-----
23	-----	-----	-----	1874	8138	11015	7655	3590	3375	-----	-----	-----
24	-----	-----	-----	2349	8208	11015	7587	3483	3484	-----	1781	-----
25	-----	-----	-----	2851	8279	11015	7518	3321	3590	-----	-----	-----
26	-----	-----	-----	3321	8421	11015	7450	3214	3698	-----	-----	-----
27	-----	-----	-----	3810	8633	10938	7381	3109	3923	-----	-----	1261
28	-----	-----	-----	4035	8703	10862	7315	3057	4148	-----	-----	-----
29	-----	-----	-----	4318	8774	10785	7248	2954	4435	-----	-----	-----
30	-----	-----	-----	4552	8847	10785	7182	2851	4494	-----	1645	-----
31	-----	-----	-----	-----	8992	-----	7182	2748	-----	1920	-----	1185

A-768

NORTH PLATTE RIVER BASIN

MINATARE RESERVOIR STORAGE IN ACRE-FEET

From North Platte River--Sec. 32-23-53W. Regulating reservoir for irrigation on the Interstate Canal near Scottsbluff

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

Year Ending December 31, 1985  
 Period of published record: October 1977-December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	37778	37602	37248	36902	41932	53422	49795	27348	12586	21864	-----	-----
2	-----	-----	-----	-----	42487	54443	49202	26758	12107	23074	-----	-----
3	-----	-----	-----	-----	43235	54858	48410	26169	11723	24144	-----	-----
4	-----	-----	-----	-----	43800	55065	47827	25593	11264	25164	-----	-----
5	-----	-----	-----	-----	44364	55273	47243	25164	10897	26169	-----	-----
6	-----	-----	-----	-----	44553	55065	46465	24735	10454	27200	-----	-----
7	-----	-----	-----	-----	44744	-----	45700	24315	10279	28101	-----	-----
8	-----	-----	-----	-----	45318	-----	44935	23762	10104	29009	40643	-----
9	-----	-----	-----	-----	45700	-----	44176	23208	10104	30100	-----	-----
10	-----	-----	-----	-----	45891	-----	43323	22136	10191	31212	-----	-----
11	-----	-----	-----	-----	46082	-----	42671	21609	10367	32177	-----	-----
12	-----	-----	-----	-----	46274	-----	41748	21090	10805	33003	-----	-----
13	-----	-----	-----	-----	46465	-----	40824	20571	10989	34506	-----	39740
14	-----	-----	-----	-----	46660	54443	40101	20195	11264	35182	40282	-----
15	-----	-----	-----	-----	46854	-----	39378	19693	11641	35866	-----	-----
16	-----	-----	-----	-----	47049	-----	38662	19317	12107	36730	-----	-----
17	-----	-----	-----	-----	47438	54239	37955	18954	12586	37248	-----	-----
18	-----	-----	-----	-----	47632	54239	37248	18469	12683	38132	-----	-----
19	-----	-----	-----	-----	48021	53830	36557	18106	13382	39016	-----	-----
20	-----	-----	-----	-----	48410	53626	35866	17639	13995	39554	-----	39921
21	-----	-----	-----	-----	36211	-----	53422	35013	17288	14516	40101	-----
22	-----	-----	-----	-----	36384	49202	53218	34337	16939	14941	40643	-----
23	-----	-----	-----	-----	36730	49597	53014	33500	16487	15701	-----	-----
24	-----	-----	-----	-----	37248	50191	53014	32838	16148	16261	-----	40282
25	-----	-----	-----	-----	37955	50389	52604	32017	15701	16824	-----	-----
26	-----	-----	-----	-----	38132	50791	52198	31373	15376	17639	-----	-----
27	-----	-----	-----	-----	39016	51193	51797	30729	14941	18469	-----	39740
28	-----	-----	-----	-----	39740	51593	51394	30100	14516	19317	-----	-----
29	-----	-----	-----	-----	40463	51998	50992	29477	14099	20069	-----	-----
30	-----	-----	-----	-----	41194	52400	50389	28707	13382	20831	-----	39921
31	-----	-----	-----	-----	53014	-----	27949	13082	-----	40884	-----	39740

A-768

CORRECTED RECORD

MITCHELL & GERING CANAL from North Platte River  
 Measured through 15-foot Farshall flume  
 Sec. 10-23-60 W. near Henry  
 Period of Record: May 1916 - September 1985

Date	May	June	July	Aug.	Sept.
1	106	166	359	350	285
2	144	166	359	346	283
3	145	168	359	337	285
4	144	168	355	337	285
5	144	164	361	339	285
6	144	172	361	339	283
7	145	168	361	339	287
8	166	168	361	341	283
9	175	168	363	341	283
10	172	168	364	339	249
11	172	168	364	339	235
12	172	168	364	337	221
13	172	168	364	337	191
14	174	167	364	305	185
15	172	164	359	300	185
16	172	166	364	302	182
17	172	170	364	300	181
18	172	177	363	300	178
19	172	232	363	282	175
20	172	255	364	273	168
21	172	282	364	273	187
22	172	295	363	273	195
23	172	299	359	278	195
24	171	309	361	283	194
25	170	348	363	283	194
26	168	363	363	283	152
27	168	359	363	283	101
28	168	359	363	285	90
29	167	363	364	283	90
30	167	359	364	287	30
31	168	---	357	285	---
S.F.	5070	6847	11220	9579	6137
Mean	164	228	362	309	205
Max.	175	363	364	350	287
Min.	106	164	355	273	30
A.F.	10060	13580	22250	19000	12170

Total 5 Months -77060 A.F.  
 Acreage reported A-365R-12281--Gering  
 Acreage reported D-1050-13608--Mitchell  
 Total headgate diversions for both Mitchell and Gering District lands.  
 Note: Published values prior to 1985 were minus deliveries to Gering Canal and carriage losses.

GERING CANAL from North Platte River  
 via Mitchell and Gering Canals  
 Measured through 15-foot Farshall flume  
 NE1/4SE1/4 Sec. 29-22-55 W. near Gering  
 Period of Record: May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	95	201	187	175
2	21	98	178	194	178
3	68	112	172	195	175
4	71	93	172	197	182
5	73	87	177	191	184
6	70	85	185	179	181
7	76	86	181	175	182
8	75	88	179	177	197
9	81	89	175	175	187
10	78	89	179	174	188
11	86	88	187	177	170
12	70	92	184	181	170
13	75	90	187	181	153
14	80	95	182	185	138
15	80	95	181	171	134
16	77	92	177	179	139
17	81	91	175	187	135
18	81	92	188	189	136
19	86	107	197	181	131
20	86	120	203	161	115
21	83	123	204	159	109
22	87	112	189	153	122
23	82	119	181	153	122
24	87	149	175	155	120
25	81	157	177	160	104
26	81	177	170	164	99
27	87	171	171	159	77
28	89	175	174	155	55
29	89	175	185	155	54
30	104	185	215	163	48
31	101	---	239	168	---
S.F.	2386	3427	5740	5380	4160
Mean	77	114	185	174	139
Max.	104	185	239	197	197
Min.	0	85	170	153	48
A.F.	4730	6800	11390	10670	8250
Total 5 Months	-41840	A.F.			
Acreage reported A-365R-12281					
Note: Published values prior to 1985 were adjusted by carriage losses.					

TRI-STATE CANAL from North Platte River for Farmers and Northport Irrigation Districts--Measured through section of canal--NE1/4NE1/4 Sec. 10-23-58 w. near Henry  
 Period of Record: May 1916 - September 1916, May 1919 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	230	590	1278	1204	1172
2	0	184	590	1264	1190	1218
3	0	192	588	1256	1179	1176
4	0	192	598	1256	1179	1111
5	0	203	598	1256	1162	1108
6	0	207	601	1256	1155	1084
7	0	219	598	1242	1176	1081
8	0	292	596	1242	1207	1061
9	0	483	601	1242	1207	995
10	0	588	601	1256	1193	921
11	0	588	601	1264	1193	859
12	0	593	606	1264	1193	811
13	0	585	614	1274	1186	709
14	0	588	590	1281	1190	680
15	0	585	546	1292	1200	672
16	0	588	528	1285	1204	636
17	0	588	575	1274	1211	564
18	0	585	734	1271	1221	564
19	0	580	950	1264	1228	564
20	0	582	1037	1242	1207	559
21	0	588	1037	1232	1197	554
22	62	590	1077	1232	1183	554
23	294	590	1159	1232	1141	551
24	342	590	1232	1225	1135	549
25	338	590	1260	1225	1152	538
26	345	590	1274	1228	1193	153
27	338	593	1271	1228	1193	0
28	326	585	1267	1228	1207	0
29	298	590	1271	1228	1200	0
30	311	590	1281	1218	1162	0
31	---	590	---	1218	1169	---
S.F.	2654	15138	24871	38753	36817	20444
Mean	86	488	829	1250	1188	681
Max.	345	593	1281	1292	1228	1218
Min.	0	184	528	1218	1135	0
A.F.	5260	30030	49330	76870	73030	40550

Total 6 Months -275070 A.F.  
 Acreage reported D-918 -59563, A-660-2913,  
 O.D.'S-523, Total-62999 for Farmers District only.

Total diversion from North Platte River for both Farmers and Northport Irrigation Districts. Deliveries to Northport District shown following.  
 Note: Published values prior to 1985 were minus Northport Canal uses.

Note: Published values prior to 1985 were minus Northport Canal uses.

NORTHPORT CANAL from North Platte River via Tri-State Canal  
 Measured through 10 Foot Parshall Flume SW1/4SW1/4 Sec. 14-21-51 W. near Bayard  
 Period of Record:  
 June 1920 - September 1920, May 1922 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	152	256	278	268
2	62	146	255	272	283
3	85	150	248	272	283
4	71	122	245	277	272
5	80	130	242	274	271
6	86	129	248	263	272
7	100	134	251	242	271
8	108	130	261	245	275
9	112	129	261	255	251
10	139	150	249	269	216
11	141	147	253	277	207
12	105	145	255	275	183
13	133	151	242	269	164
14	114	146	249	268	158
15	115	151	253	269	158
16	123	153	255	269	145
17	124	147	253	277	148
18	136	128	253	277	147
19	151	153	268	275	150
20	146	241	269	269	157
21	152	241	269	269	159
22	153	246	271	262	157
23	147	252	268	258	155
24	152	259	266	244	152
25	152	256	265	244	139
26	153	253	265	251	106
27	152	258	262	262	33
28	154	256	263	258	0
29	153	253	266	253	0
30	152	258	278	255	0
31	150	---	284	259	---
S.F.	3801	5466	8023	8187	5180
Mean	123	182	259	264	173
Max.	154	259	284	278	283
Min.	0	122	242	242	0
A.F.	7540	10840	15910	16240	10270

Total 5 months -60800 A.F.  
 Acreage reported A-768-16137  
 Note: Published values prior to 1985 were adjusted by Tri-State Canal losses and contributions from drains.

DAILY DIVERSIONS OF CANALS--1985

TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS Summary in Acre-feet--1985

	Apr.	May	June	July	Aug.	Sept.	Totals
Diverted from:							
North Platte River.....	5260	25990	41670	64450	62290	36130	235790
*Optional diversions.....	0	185	230	1090	1320	732	3557
**Drains.....	0	212	0	0	0	498	710
Totals.....	5260	26387	41900	65540	63610	37360	240057

Total water diverted 240057 A.F.  
 Acreage reported D-918-59563, A-660-2913,  
 O.D.'s-423, Total-62899

\*Alliance Drain onto Farmers Irrigation District Lands  
 \*\*Diverted by Farmers Irrigation District in excess of delivery to Northport Irrigation District

DAILY DIVERSIONS OF CANALS--1985

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT Summary in Acre-feet--1985

Section Township Range	May	June	July	Aug.	Sept.	Totals	
							Diverted from:
North Platte River....	10-23-58	4040	7660	12410	10730	4420	39260
*Sheep Creek.....	17-23-57	3730	3920	4530	6080	4970	23230
*Akers Draw.....	12-23-57	631	811	855	823	843	3963
*Tub Springs.....	27-33-55	940	1630	2680	2780	1780	9810
*Dry Spottedtail Cr....	9-23-56	738	718	1380	1600	1180	5616
*Wet Spottedtail Cr....	10-23-56	684	744	887	1200	1490	5005
*Moffat Drain.....	25-22-53	0	0	0	0	0	0
Totals.....		10763	15483	22742	23213	14683	86884

Total water diverted 86884 A.F.  
 Acreage reported A-768-16137

\*Water from drains includes runoff and return flow from the North Platte Project, Interstate diversion. This water is intercepted by the Tri-State Canal and delivered to Northport Irrigation District lands in compliance with a 1941 decree from the U. S. Eighth Circuit Court of Appeals.





NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from North Platte River  
Measured through concrete rating flume  
NE1/4NW1/4 Sec. 27-23-57 W. near Morrill  
Period of Record:

June 1916 - September 1916, May 1919 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	96	98	89	94
2	41	94	99	82	103
3	69	90	99	78	109
4	65	93	93	77	97
5	59	94	90	83	92
6	58	90	94	94	88
7	64	88	93	96	85
8	67	84	92	102	101
9	76	80	96	106	89
10	76	85	106	102	85
11	77	89	110	98	89
12	77	82	114	99	87
13	78	77	114	99	83
14	79	72	110	99	83
15	76	68	103	105	80
16	80	65	105	103	79
17	83	79	110	99	77
18	80	94	94	98	78
19	82	98	92	102	79
20	82	119	103	102	78
21	83	121	105	97	76
22	87	109	102	94	77
23	89	107	109	94	76
24	90	105	109	93	69
25	90	105	94	94	70
26	93	103	85	94	85
27	97	93	88	94	54
28	97	94	88	96	0
29	96	96	90	98	0
30	94	96	94	94	0
31	93	---	101	93	---
S.F.	2378	2766	3080	2954	2263
Mean	77	92	99	95	75
Max.	97	121	114	106	109
Min.	0	65	85	77	0
A.F.	4720	5490	6110	5860	4490
Total 5 Months	-26670 A.F.				
Acreage reported	D-920-7631				

ENTERPRISE CANAL from Morrill Drain  
measured in channel of drain

NE1/4SE1/4 Sec. 14-23-57 W. near Morrill  
Period of Record: July 1921 - September 1923

May 1931 - September 1946, May 1948 - September 1985

Date	May	June	July	Aug.	Sept.
1	0.8	1	1.1	6.9	8.2
2	0.9	1.1	1.2	6.7	8.3
3	0.9	1.2	1.4	6.5	8.4
4	0.9	1.3	1.6	6.3	8.2
5	1	1.2	1.8	6.2	7.9
6	1	1.1	2.1	6	7.6
7	1	1	2.3	6.1	7.4
8	1	0.9	2.5	6.2	7.2
9	1	0.8	2.7	6.3	6.9
10	1	0.7	2.9	6.4	6.6
11	1	0.6	3.1	6.5	6.4
12	1	0.6	3.3	6.6	6.2
13	1	0.5	3.6	6.7	5.9
14	1	0.4	3.8	6.8	5.6
15	0	0.3	4	6.8	5.4
16	0	0.2	4.2	6.9	5.2
17	0	0	4.4	7	4.9
18	0	0	4.6	7.1	4.7
19	0	0	4.8	7.1	4.6
20	0	0.2	5.1	7.2	4.4
21	0	0.3	5.3	7.2	4.2
22	0.1	0.3	5.5	7.3	4.1
23	0.2	0.4	5.7	7.5	3.9
24	0.3	0.5	5.9	7.5	3.7
25	0.4	0.6	6.1	7.6	3.6
26	0.5	0.7	6.3	7.7	3.4
27	0.6	0.8	6.6	7.8	3.3
28	0.6	0.9	6.8	7.9	3.1
29	0.7	0.9	7	8	2.9
30	0.8	1	7.2	8.1	2.8
31	0.9	---	7	8.1	---
S.F.	18.6	19.5	129.9	217	165
Mean	0.6	0.6	4.2	7	5.3
Max.	1	1.3	7.2	8.1	8.4
Min.	0	0	1.1	6	2.8
A.F.	37	39	258	430	327
Total 5 Months	- 1090 A.F.				

ENTERPRISE CANAL from Winters Creek  
Measured in section of canal  
NW1/4NE1/4 Sec. 17-22-54 W. near Scottsbluff  
Period of Record:

May 1937 - September 1943, May 1969 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	1.5	2	2.4
2	0	0	1.8	2.1	2.4
3	0	0	2.1	2.2	2.5
4	0	0	2.1	2.3	2.6
5	0	0	2	2.4	2.6
6	0	1	2	2.5	2.5
7	0	1	1.9	2.6	2.4
8	0	1.1	1.8	2.7	2.3
9	0	1.2	1.7	2.8	2.2
10	0	1.3	1.7	2.8	2.1
11	0	1.4	1.6	2.8	2
12	0	1.5	1.5	2.8	2
13	0	1.5	1.5	2.7	1.9
14	0	1.5	1.4	2.7	1.9
15	0	1.5	1.3	2.7	1.8
16	0	1.6	1.3	2.7	1.8
17	0	1.6	1.2	2.7	1.7
18	0	1.6	1.1	2.7	1.7
19	0	1.6	1.1	2.7	1.7
20	0	1.5	1.2	2.7	1.6
21	0	1.4	1.2	2.7	1.6
22	0	1.3	1.3	2.7	1.5
23	0	1.2	1.3	2.6	1.5
24	0	1.1	1.4	2.4	1.4
25	0	1	1.4	2.3	1.3
26	0	0	1.4	2.1	1.3
27	0	0	1.5	2.1	1.3
28	0	1	1.6	2.1	1.3
29	0	1	1.7	2.3	1.3
30	0	1.2	1.8	2.3	1.3
31	0	---	1.9	2.3	---
S.F.	0	30.1	48.3	77.5	55.9
Mean	0	1	1.6	2.5	1.8
Max.	0	1.6	2.1	2.8	2.6
Min.	0	0	1.1	2	1.3
A.F.	0	60	96	154	111
Total 5 Months	- 421 A.F.				

ENTERPRISE CANAL from Dry Spottedtail Creek  
Measured in section of canal

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

Period of Record:  
May 1960 - September 1969; May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	0	21	0
2	0	0	0	22	0
3	0	0	0	18	0
4	0	0	0	18	0
5	0	0	0	18	0
6	0	0	0	9	0
7	0	0	10	0	0
8	0	0	18	0	0
9	0	0	22	0	0
10	0	0	22	0	0
11	0	0	21	0	0
12	0	0	21	0	0
13	0	0	20	0	0
14	0	0	20	0	0
15	0	0	19	0	0
16	0	0	19	0	0
17	0	0	18	0	0
18	0	0	18	0	0
19	0	0	19	0	0
20	0	0	20	0	0
21	0	0	20	0	0
22	0	0	21	0	0
23	0	0	22	0	0
24	0	0	21	0	0
25	0	0	21	0	0
26	0	0	20	0	0
27	0	0	20	0	0
28	0	0	19	0	0
29	0	0	19	0	0
30	0	0	18	0	0
31	0	---	18	0	---
S.F.	0	0	486	106	0
Mean	0	0	16	3	0
Max.	0	0	22	22	0
Min.	0	0	0	0	0
A.F.	0	0	960	210	0
Total 5 Months	- 1170 A.F.				

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1985

ENTERPRISE CANAL  
Summary in Acre-feet--1985

	May	June	July	Aug.	Sept.	Totals
Diverted from:						
North Platte River....	4720	5490	6110	5860	4490	26670
Morrill Drain.....	37	39	258	430	327	1091
Winter Creek.....	0	60	96	154	111	421
Dry Spottedtail Creek.	0	0	964	210	0	1174
Storage.....	0	0	0	0	0	0
Totals.....	4757	5589	7429	6654	4929	29356

Total water diverted - 29356 A.F.

DRY SPOTTEDTAIL CREEK AT MITCHELL  
SE1/4SE1/4 Sec. 20-23-56 W.

Period of Record: October 1948 - December 1985

EXTREMES FOR CURRENT YEAR--Peak discharges above base of 160 cfs, and maximum (\*):  
 DISCH GBT DISCH GBT  
 DATE TIME (CFS) (FT) DATE TIME (CFS) (FT)  
 Sep 25 1730 173 2.46 Sep 27 1130 \*182 2.52  
 Minimum Daily Discharge, 16 Cubic feet per Second on April 22, 23, 1985.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	27	30	31	27	23	43	67	55	63	60	29	24
2	27	30	31	26	52	42	58	52	68	50	28	24
3	27	30	29	24	93	39	46	60	74	44	28	24
4	27	29	30	27	90	39	45	55	73	44	27	24
5	26	29	31	20	97	34	46	51	74	44	27	24
6	28	29	30	20	105	30	43	55	70	44	27	24
7	29	29	30	20	70	29	39	62	76	38	27	22
8	27	30	30	20	40	27	38	60	91	36	27	22
9	36	31	30	20	44	25	36	60	87	36	27	22
10	28	30	30	20	49	28	37	74	87	34	27	22
11	34	30	30	19	60	30	43	74	93	38	28	22
12	34	30	30	19	63	27	52	77	108	36	27	22
13	26	30	30	19	66	25	55	74	108	33	27	22
14	26	28	30	19	42	24	49	76	111	33	27	22
15	28	28	29	19	36	23	58	76	108	32	29	22
16	27	28	29	19	32	19	76	72	100	32	28	22
17	27	29	28	17	37	19	76	65	90	33	29	22
18	27	30	28	19	38	18	69	72	82	33	29	22
19	25	30	27	18	37	32	69	69	80	32	27	22
20	26	30	27	18	39	41	77	60	83	32	27	22
21	26	30	27	17	40	52	69	59	80	32	27	22
22	26	30	25	16	37	55	66	59	88	32	26	21
23	26	30	28	16	34	49	65	59	110	33	26	21
24	28	30	28	33	33	45	59	60	125	34	25	21
25	28	31	27	21	31	50	56	60	143	35	26	21
26	26	31	25	22	31	75	49	59	142	35	25	21
27	27	31	25	22	36	77	50	59	138	32	24	21
28	29	31	25	22	39	69	49	60	115	29	24	21
29	34	---	26	22	39	65	52	60	116	29	24	21
30	30	---	26	22	43	63	60	62	100	29	24	21
31	30	---	25	---	44	---	59	62	---	29	---	21
S.F.	872	834	877	623	1520	1194	1713	1958	2883	1113	803	684
Mean	28	30	28	21	49	40	55	63	96	36	27	22
Max.	36	31	31	33	105	77	77	77	143	60	29	24
Min.	25	28	25	16	23	18	36	51	63	29	24	21
A.F.	1730	1650	1740	1240	3010	2370	3400	3880	5720	2210	1590	1360
Total 12 Months	-29900 A.F.											

NORTH PLATTE RIVER BASIN

TUB SPRINGS NEAR SCOTTGBLUFF

SW1/4SW1/4 Sec. 33-23-56 W.

Period of Record: October 1948 - December 1985

EXTREMES FOR CURRENT YEAR--Peak discharges above base of 130 cfs, and maximum

(*) DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)
Sep 27	1030	*151	4.44				

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	38	32	30	27	15	51	32	48	39	76	53	42
2	38	32	30	27	14	48	32	47	39	74	53	41
3	38	32	30	25	14	54	32	45	38	68	51	40
4	38	32	30	24	14	56	31	42	38	68	51	47
5	38	32	29	24	13	51	33	40	40	73	51	55
6	38	32	29	26	13	52	31	39	45	73	53	46
7	39	33	29	26	27	48	29	41	50	71	55	43
8	39	33	29	25	59	49	29	43	55	71	51	43
9	39	33	30	24	64	47	31	41	65	70	51	43
10	38	32	29	24	59	50	30	44	59	70	51	42
11	38	32	29	23	58	55	32	40	66	74	51	42
12	38	32	29	23	59	55	34	40	65	73	51	42
13	38	32	28	23	39	54	36	36	70	72	51	42
14	38	32	28	23	47	52	36	36	70	71	51	41
15	37	31	28	22	48	40	37	37	65	70	52	40
16	37	31	28	22	49	26	38	37	65	69	51	38
17	37	31	28	22	50	18	36	38	62	68	51	42
18	37	31	27	18	47	17	37	38	62	67	51	41
19	36	31	27	17	46	24	41	39	61	66	51	41
20	35	31	27	15	50	19	43	39	56	66	50	42
21	35	31	28	14	53	22	38	40	60	66	50	40
22	34	31	28	14	49	24	40	35	62	66	50	40
23	34	31	28	14	53	21	41	38	86	64	48	39
24	34	30	28	13	49	24	41	40	104	62	47	40
25	34	30	28	14	48	27	42	39	111	60	46	40
26	34	30	28	16	45	36	42	38	118	58	46	40
27	34	30	28	15	46	36	43	38	118	58	45	41
28	34	30	27	15	47	36	42	36	82	57	45	41
29	34	---	28	16	47	33	42	36	81	55	44	41
30	34	---	28	16	50	32	44	37	80	55	43	41
31	32	---	29	---	61	---	46	38	---	55	---	40
S.F.	1127	880	882	607	1333	1157	1141	1225	2012	2066	1494	1296
Mean	36	31	28	20	43	39	37	40	67	67	50	42
Max.	39	33	30	27	64	56	46	48	118	76	55	55
Min.	32	30	27	13	13	17	29	35	38	55	43	38
A.F.	2240	1750	1750	1200	2640	2290	2260	2430	3990	4100	2960	2570
Total 12 Months	-30180 A.F.											

WINTERS CREEK CANAL from North Platte River  
Measured through 8-foot Parshall flume

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

Period of Record:  
May 1916 - June 1916, June 1918 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	16	29	33	27
2	0	17	30	33	30
3	0	18	29	32	31
4	0	18	30	28	28
5	0	18	27	26	28
6	0	17	30	25	25
7	0	18	33	27	26
8	0	18	32	27	30
9	5.9	16	30	28	32
10	12	16	29	32	25
11	12	15	30	33	25
12	14	13	33	30	24
13	14	14	37	28	24
14	14	13	36	28	24
15	13	12	34	29	23
16	12	18	34	29	23
17	12	20	33	28	22
18	12	16	33	29	20
19	13	30	33	30	23
20	14	36	34	30	24
21	14	32	32	27	22
22	13	30	30	25	24
23	13	30	30	28	25
24	15	30	31	28	26
25	14	29	31	28	28
26	15	32	30	27	30
27	16	35	30	27	14
28	15	31	28	27	0
29	15	30	30	28	0
30	16	28	32	28	0
31	16	---	34	27	---
S.F.	309.9	666	974	885	683
Mean	10	22	31	29	23
Max.	16	36	37	33	32
Min.	0	12	27	25	0
A.F.	610	1320	1930	1760	1350
Total 5 Months	- 6970 A.F.				
Acresage reported	D-952-5745				

CENTRAL CANAL from North Platte River  
Measured through concrete flume

NW1/4NW1/4 Sec. 36-22-55 W. near Gering  
Period of Record: May 1919 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	22	27	42	33
2	0	26	28	40	33
3	0	21	29	40	32
4	0	5.1	30	39	32
5	0	14	31	36	32
6	0	27	36	31	31
7	0	22	36	34	30
8	0	16	36	38	29
9	0	14	37	40	28
10	0	12	38	41	25
11	0	15	38	40	24
12	0	17	38	41	24
13	0	18	38	38	20
14	0	17	38	36	19
15	0	16	38	36	19
16	0	18	38	36	18
17	0	20	38	35	18
18	0	18	37	34	16
19	0	20	38	34	16
20	0	26	38	36	16
21	0	28	38	35	15
22	0	24	38	35	15
23	0	24	38	33	16
24	0	23	38	30	6.8
25	10	25	38	30	0
26	9	28	38	30	0
27	12	25	38	31	0
28	13	23	39	34	0
29	13	23	39	34	0
30	4.3	26	41	33	0
31	5.5	---	40	32	---
S.F.	66.8	613.1	1132	1104	547.8
Mean	2	20	37	36	18
Max.	13	28	41	42	33
Min.	0	5.1	27	30	0
A.F.	130	1220	2250	2190	1090
Total 5 Months	- 6880 A.F.				
Acresage reported	D-926-1984				

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1985

CENTRAL CANAL  
Summary in Acre-feet--1985

Diverted	May	June	July	Aug.	Sept.	Totals
Natural.....	132	1220	1875	1726	1044	5997
Storage.....	0	0	375	464	46	885
Totals.....	132	1220	2250	2190	1090	6882

Total water diverted 5997 NATURAL  
885 STORAGE

STORAGE ORDERS July 13 - July 25 = 11 cfs  
July 26 - Aug. 1 = 10 cfs  
Aug. 2 - Aug. 8 = 11 cfs  
Aug. 9 - Aug. 15 = 10 cfs  
Aug. 16 - Aug. 22 = 11 cfs  
Aug. 23 - Aug. 29 = 8 cfs  
Aug. 30 - Sept. 5 = 5 cfs  
Sept. 6 - Sept. 12 = 3 cfs

WINTERS CREEK NEAR SCOTTSBLUFF  
NM1/4SE1/4 Sec. 30-22-54 W.  
Period of Record: October 1931 - December 1985

EXTREMES FOR CURRENT YEAR--Peak discharges above base of 210 cfs, and maximum  
(\*) DISCH GHT DISCH GHT  
DATE TIME (CFS) DATE TIME (CFS) (FT)  
Sep 16 0945 254 3.63 Sep 27 0730 \*315 4.02  
Minimum Daily Discharge, 23 Cubic Feet per Second on July 11, 1985.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	45	42	45	43	40	46	41	73	67	102	70	58
2	44	46	43	43	40	57	31	80	77	98	68	62
3	44	50	43	42	31	70	28	79	92	97	67	68
4	44	50	42	43	29	80	27	74	110	95	66	66
5	44	50	43	41	28	70	29	60	120	96	67	64
6	44	50	43	42	27	70	28	56	118	94	66	62
7	44	50	43	42	26	65	28	46	118	89	66	58
8	45	50	43	42	26	61	26	45	144	84	68	56
9	45	50	44	42	26	60	24	48	146	84	68	57
10	44	50	44	42	27	65	24	51	132	84	68	56
11	43	50	45	41	28	63	23	52	142	89	68	54
12	43	50	46	40	28	62	28	55	159	86	65	54
13	43	50	43	40	35	54	37	56	156	85	66	54
14	43	48	43	40	79	50	42	56	159	83	66	54
15	43	48	43	40	73	48	44	58	166	80	66	54
16	44	48	42	40	41	51	37	55	188	78	66	54
17	43	48	42	40	33	48	35	51	172	78	66	53
18	43	48	43	40	33	50	38	56	145	78	66	53
19	43	46	43	41	33	50	47	66	139	77	62	53
20	43	46	43	40	34	39	62	67	134	77	62	53
21	43	46	43	40	34	30	74	65	107	77	62	54
22	43	46	43	41	34	31	61	63	102	77	62	54
23	43	45	43	40	34	31	53	63	100	78	62	51
24	42	45	43	43	36	28	56	67	100	77	62	51
25	41	45	43	43	40	28	53	68	115	77	62	50
26	40	45	43	44	41	42	50	67	154	77	61	50
27	40	45	43	41	50	48	50	66	200	73	60	50
28	40	45	43	41	52	47	50	66	120	73	58	50
29	40	---	43	41	50	47	52	67	119	73	60	50
30	41	---	44	41	50	54	70	67	114	72	60	50
31	41	---	43	---	49	---	72	67	---	72	---	47
S.F.	1328	1332	1340	1239	1187	1545	1320	1910	3915	2560	1936	1700
Mean	43	48	43	41	38	52	43	62	131	83	65	55
Max.	45	50	46	44	79	80	74	80	200	102	70	68
Min.	40	42	42	40	26	28	23	45	67	72	58	47
A.F.	2630	2640	2660	2460	2350	3060	2620	3790	7770	5080	3840	3370
Total 12 Months	-42270 A.F.											

**WINTERS CREEK CANAL from Winters Creek**  
 Measured through 8-foot Parshall flume  
 SW1/4NE1/4 Sec. 19-22-54 W. near Scottsbluff  
 Period of Record: May 1919 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	21	42	48	49
2	0	20	44	45	50
3	4.6	14	45	45	52
4	8.9	15	45	42	51
5	10	22	44	44	47
6	9.2	21	42	45	45
7	7	18	42	46	46
8	6.7	17	41	50	46
9	7	18	42	49	39
10	8.6	13	45	48	36
11	10	14	44	48	36
12	9.5	12	45	46	31
13	22	13	45	50	25
14	32	16	40	52	22
15	9.2	14	37	52	20
16	17	12	41	48	7.6
17	30	16	42	48	3.1
18	30	22	48	51	18
19	28	20	48	50	24
20	28	26	47	48	14
21	28	26	37	46	17
22	28	26	41	48	28
23	27	25	43	51	24
24	27	28	44	51	22
25	29	41	52	51	31
26	30	43	53	47	34
27	25	37	52	41	16
28	24	38	50	43	0
29	25	42	53	45	0
30	23	35	41	44	0
31	16	---	52	46	---
S.F.	559.7	685	1387	1468	833.7
Mean	18	23	45	47	28
Max.	32	43	53	52	52
Min.	0	12	37	41	0
A.F.	1110	1360	2750	2910	1650
Total 5 Months	- 9780 A.F.				

**WINTERS CREEK FACTORY LATERAL from Winters Creek**  
 Measured through 2-foot Parshall flume  
 SE1/4NW1/4 Sec. 19-22-54 W. near Scottsbluff  
 Period of Record: May 1937 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
0	0	0	0	0	0

**MINATARE CANAL from North Platte River**  
 Measured through concrete flume  
 NW1/4SE1/4 Sec. 32-22-54 W. near Scottsbluff  
 Period of Record: June 1919 - October 1985

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	51	66	86	102	90	32
2	0	48	71	88	96	89	31
3	0	44	75	87	94	88	30
4	0	42	66	87	93	90	30
5	0	45	61	86	97	89	28
6	0	53	51	84	97	89	27
7	0	59	51	93	93	89	26
8	0	74	45	104	91	95	25
9	0	89	40	101	94	87	25
10	0	96	37	96	99	75	24
11	0	91	35	102	99	75	25
12	0	87	33	111	98	66	26
13	0	76	44	112	92	63	26
14	0	72	44	116	89	59	27
15	0	69	43	112	89	58	26
16	0	68	41	108	88	58	21
17	0	67	42	108	87	57	6.3
18	0	68	53	110	89	54	4.5
19	0	68	57	111	89	53	3.3
20	0	70	65	110	89	52	0
21	0	70	72	108	87	52	0
22	0	70	72	108	86	54	0
23	0	70	72	106	88	53	0
24	0	70	73	105	89	49	0
25	0	70	73	103	90	49	0
26	0	69	74	100	91	46	0
27	0	70	78	102	89	41	0
28	0	69	80	103	89	37	0
29	33	68	80	105	92	36	0
30	51	66	83	107	91	34	0
31	---	65	---	105	92	---	0
S.F.	84	2094	1777	3164	2849	1927	443.1
Mean	3	68	57	102	92	64	15
Max.	51	96	83	116	102	95	32
Min.	0	42	33	84	86	34	0
A.F.	170	4150	3520	6280	5650	3820	880
Total 7 Months	- 24470 A.F.						
Acreage reported D-919-9212							

**DAILY DIVERSIONS OF CANALS--1985**

**WINTERS CREEK CANAL DIVERSIONS**  
 Summary in Acre-feet--1985

	Apr.	May	June	July	Aug.	Sept.	Totals
Diverted from:							
North Platte River...	0	615	1320	1930	1760	1350	6975
Winters Creek.....	0	1110	1360	2750	2910	1650	9780
Factory Lateral.....	0	0	0	0	0	0	0
Totals.....	0	1725	2680	4680	4670	3000	16755
Total water diverted 16755 A.F.							

NORTH PLATTE RIVER BASIN

CASTLE ROCK-STEAMBOAT CANAL from North Platte River  
 Measured through concrete flume  
 NW1/4SW1/4 Sec. 13-21-54 W. near Melbeta  
 Period of Record:  
 July 1916 - August 1916, July 1918 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	77	96	85	88
2	0	83	94	85	85
3	0	81	93	83	79
4	0	14	92	88	84
5	0	64	92	90	84
6	1.9	83	93	90	83
7	20	84	93	93	88
8	22	81	91	92	86
9	17	81	86	92	84
10	20	82	86	92	77
11	53	78	85	93	69
12	63	74	85	93	58
13	63	75	90	94	63
14	64	71	88	96	56
15	64	73	82	95	55
16	66	67	81	93	55
17	68	64	82	92	54
18	74	79	84	94	53
19	81	86	83	98	59
20	85	91	82	96	63
21	87	95	83	96	63
22	94	96	84	94	62
23	94	102	83	90	60
24	94	106	83	87	60
25	92	108	84	87	59
26	90	104	85	84	58
27	90	103	86	82	60
28	91	99	86	83	25
29	89	96	87	88	0
30	74	96	88	90	0
31	56	---	85	90	---
S.F. 1712.	2493	2692	2805	1870	
Mean	55	83	87	90	62
Max.	94	108	96	98	88
Min.	0	14	81	82	0
A.F. 3400	4940	5340	5560	3710	
Total 5 Months	-22950	A.F.			
Acreage reported D-921-5987, A-186R-420, A-350R-34, Total-6441					

MELBETA DRAIN  
 near Melbeta--SE1/4SW1/4 Sec. 13-21-54 W.  
 Period of Record: January 1922 - September 1985

Date	May	June	July	Aug.	Sept.
1	1.2	4.2	18	24	4.8
2	1.2	5.2	20	24	8.4
3	0.8	6.2	22	22	12
4	0.4	86	23	20	8
5	0.4	34	23	19	9
6	0.4	27	10	14	13
7	18	22	9.9	7.4	12
8	18	13	9.8	8	18
9	17	19	6.6	5.6	23
10	18	25	8.3	5.8	22
11	15	19	4.8	9.4	30
12	18	19	5.4	13	25
13	21	16	24	7.4	24
14	17	20	20	7	13
15	10	18	15	13	16
16	9.8	14	9.8	7.8	20
17	10	9.8	7.2	13	20
18	26	18	6	13	20
19	23	18	7.4	13	17
20	21	21	9	14	12
21	13	19	13	2.2	19
22	18	25	15	9.8	16
23	23	27	9	6.6	12
24	8.3	28	9.5	7.4	12
25	11	28	7.2	9.7	14
26	14	30	9	12	18
27	11	22	9.5	7	17
28	8.5	17	9.5	5	7.4
29	9.8	17	9.5	3.2	4.6
30	9.3	18	18	2.4	1.8
31	10	---	21	3.6	---
S.F. 382.1	645.4	389.4	329.3	449	
Mean	12.3	20.8	12.6	10.6	14.5
Max.	26	86	24	24	30
Min.	0.4	4.2	4.8	2.2	1.8
A.F. 758	1280	772	653	891	
Total 5 Months - 4350	A.F.				

NINE MILE CANAL from North Platte River  
 Measured through concrete flume  
 NE1/4SW1/4 Sec. 16-21-53 W. near Minatare  
 Period of Record:  
 June 1918 - September 1919, June 1921 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	8.3	54	48	78	59
2	0	17	54	48	68	64
3	0	24	73	43	65	77
4	0	24	82	38	56	91
5	0	16	22	31	54	74
6	0	14	7.7	22	52	72
7	0	14	35	23	52	66
8	0	12	50	24	61	68
9	0	9.6	45	19	73	66
10	0	20	41	33	77	64
11	0	44	39	65	74	72
12	0	66	42	37	68	70
13	0	69	50	44	54	41
14	0	52	44	63	58	44
15	0	50	38	68	64	38
16	0	44	38	58	62	35
17	0	48	38	56	56	31
18	0	54	28	56	58	27
19	0	54	26	56	61	20
20	0	60	38	73	62	36
21	0	52	46	72	61	45
22	0	48	52	63	59	45
23	0	48	52	64	58	46
24	0	48	50	60	58	50
25	4.2	48	50	52	56	54
26	11	48	66	52	56	54
27	6.3	48	62	63	56	56
28	2.8	52	48	71	56	52
29	6.3	52	48	68	59	46
30	9.6	46	46	87	59	17
31	---	50	---	87	59	---
S.P. 40.2	1239.	1364.	1644	1890	1580	
Mean	1	40	45	53	61	53
Max.	11	69	82	87	78	91
Min.	0	8.3	7.7	19	52	17
A.F. 80	2460	2710	3260	3750	3130	
Total 6 Months -15390	A.F.					
Acreage reported D-925(A-1431 O.D.)-6078, P-262 fr Red Willow Cr-72, Total-6150						

NINE MILE DRAIN NEAR MCGREW  
SE1/4SE1/4 Sec. 23-21-53 W.  
Period of Record: January 1932 - December 1985

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1985, 610 Cubic Feet per Second at 2000 hours on June 3, 1985 at a Gage Height of 3.92 Feet. Minimum Daily Discharge, 27 Cubic Feet per Second on May 9, 1985.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	86	76	69	68	90	148	128	221	200	194	118	106
2	86	74	70	67	56	162	112	247	211	188	115	106
3	85	74	70	69	52	240	107	272	214	186	113	104
4	85	74	66	72	52	262	98	262	218	178	112	104
5	84	72	69	72	44	234	98	234	217	175	121	106
6	83	73	68	72	37	205	98	186	218	174	108	106
7	83	74	67	71	33	164	94	193	218	173	108	104
8	83	74	67	71	30	140	100	209	276	168	108	104
9	83	74	68	72	27	126	97	211	323	168	108	106
10	83	73	69	70	34	131	97	221	312	168	108	103
11	82	72	68	70	95	144	125	224	344	173	109	103
12	82	72	70	69	171	175	121	226	344	166	108	102
13	82	72	69	68	205	179	132	211	310	168	106	102
14	82	72	69	68	187	171	138	211	308	162	104	102
15	82	72	68	68	182	161	138	217	300	152	106	100
16	81	71	68	67	123	124	126	208	300	149	106	99
17	82	71	68	66	100	93	122	205	286	145	104	98
18	82	71	66	65	116	76	126	214	269	145	111	99
19	82	71	66	68	104	76	140	224	247	143	109	96
20	80	71	66	68	109	78	156	214	227	143	114	94
21	81	71	67	67	101	82	157	204	217	140	115	93
22	81	71	68	66	98	89	154	205	227	139	112	92
23	81	71	69	74	102	94	153	199	241	136	111	92
24	81	71	69	76	101	101	157	193	252	134	111	92
25	80	71	69	48	98	100	157	192	294	132	111	92
26	80	72	69	70	103	130	164	196	301	128	110	92
27	78	72	70	102	115	161	166	193	267	127	108	92
28	78	71	69	106	120	162	170	188	224	125	107	91
29	78	---	69	110	114	156	179	187	221	122	106	91
30	76	---	69	111	113	139	193	188	212	121	106	91
31	76	---	68	---	116	---	209	192	---	121	---	91
S.F.	2528	2023	2117	2211	3028	4303	4212	6547	7798	4743	3293	3053
Mean	82	72	68	74	98	143	136	211	260	153	110	98
Max.	86	76	70	111	205	262	209	272	344	194	121	106
Min.	76	71	66	48	27	76	94	186	200	121	104	91
A.F.	5010	4010	4200	4390	6010	8530	8350	12990	15470	9410	6530	6060
Total 12 Months	-90960 A.F.											

SHORT LINE CANAL from North Platte River  
Measured in section of canal  
NW1/4SE1/4 Sec. 25-21-53 W. near McGrew  
Period of Record:  
June 1916 - July 1916, June 1920 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	44	46	34	34
2	0	40	37	32	34
3	0	35	33	26	33
4	0	19	33	17	33
5	0	22	35	8.3	33
6	9.3	21	38	11	34
7	20	13	38	23	36
8	19	24	30	31	43
9	14	26	32	26	38
10	23	28	20	25	30
11	36	29	30	27	35
12	38	36	28	24	32
13	31	38	36	23	17
14	30	40	29	27	28
15	23	36	31	28	30
16	13	36	29	24	25
17	29	36	30	24	24
18	30	22	33	26	23
19	26	25	38	28	23
20	27	33	35	21	21
21	25	57	37	24	20
22	26	66	40	29	24
23	32	35	38	23	18
24	40	35	38	25	18
25	46	41	36	31	30
26	48	39	40	28	28
27	55	48	39	24	22
28	51	47	38	28	13
29	38	46	36	31	13
30	37	47	36	30	12
31	38	---	35	29	---
S.F.	804.3	1064	1074	787.3	804
Mean	26	35	35	25	27
Max.	55	66	46	34	43
Min.	0	13	20	8.3	12
A.F.	1600	2110	2130	1560	1590
Total 5 Months	- 8990 A.F.				
Acreeage reported	D-946-2778				

CHIMNEY ROCK CANAL from North Platte River  
Measured through concrete flume  
SE1/4NE1/4 Sec. 1-20-53 W. near Bayard  
Period of Record: June 1916 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	72	65	71	53
2	0	61	65	72	52
3	0	53	65	68	58
4	0	59	63	75	60
5	0	52	66	71	60
6	0	60	76	76	62
7	0	69	79	83	63
8	0	74	87	82	64
9	0	70	89	82	62
10	0	65	88	86	62
11	0	63	89	82	47
12	0	63	83	70	40
13	0	56	79	62	40
14	0	49	73	62	34
15	0	50	73	62	34
16	0	46	78	62	34
17	0	32	79	62	34
18	8.1	20	82	62	32
19	26	24	84	64	32
20	48	52	83	65	30
21	47	51	81	64	28
22	43	51	79	62	28
23	38	53	78	60	28
24	43	53	79	57	30
25	42	53	78	56	32
26	46	52	73	54	34
27	48	51	76	59	35
28	49	74	76	65	36
29	62	94	80	60	14
30	63	78	76	55	0
31	79	---	68	54	---
S.F.	642.1	1700	2390	2065	1218
Mean	21	57	77	67	41
Max.	79	94	89	86	64
Min.	0	20	63	54	0
A.F.	1270	3370	4740	4100	2420
Total 5 Months	-15900 A.F.				
Acreeage reported	D-844, 1031-5222, A-2190-47, Total-5269				

NORTH PLATTE RIVER BASIN

CLEVELAND DRAIN  
 near Bayard--SW1/4SW1/4 Sec. 6-20-52 W.  
 Period of Record: April 1930 - September 1985

Date	May	June	July	Aug.	Sept.
1	1.2	21	9.2	16	15
2	1.2	19	12	19	16
3	1.1	17	23	19	17
4	0.8	24	22	18	20
5	0.6	4.7	22	17	17
6	0.5	15	6	13	16
7	0.5	43	6.3	10	19
8	0.5	51	6.5	9.4	20
9	0.5	44	1.8	10	21
10	11	36	2.7	22	21
11	15	52	6.1	18	22
12	15	20	5.7	15	24
13	15	18	5.2	8.1	21
14	12	19	8.6	7.7	20
15	36	20	12	11	18
16	38	16	9.8	11	16
17	35	12	8.1	9.1	15
18	30	16	5.1	12	14
19	23	15	5.7	14	12
20	16	12	11	13	14
21	21	10	9.3	13	16
22	17	10	7.6	12	16
23	16	17	6.6	7.4	16
24	14	24	11	5.1	19
25	16	26	8.9	7.4	20
26	18	30	12	9.8	20
27	17	30	8.4	5.8	20
28	16	22	8.4	5.8	22
29	18	8.9	8.4	9.8	15
30	19	9	9.1	12	8.9
31	5.2	---	11	14	---
S.P.	430.1	661.6	289.5	374.4	530.9
Mean	13.9	21.3	9.3	12.1	17.1
Max.	38	52	23	22	24
Min.	0.5	4.7	1.8	5.1	8.9
A.F.	853	1312	574	743	1053
Total 5 Months	- 4540 A.F.				

DAILY DIVERSIONS OF CANALS--1985

CHIMNEY ROCK CANAL  
 Summary in Acre-feet--1985

	May	June	July	Aug.	Sept.	Total
Diverted:						
Natural.....	1270	3370	3788	3707	2420	14555
Storage.....	0	0	952	393	0	1345
Total.....	1270	3370	4740	4100	2420	15900

Water diverted 15900 A.F.  
 Natural 14555 A.F.  
 Storage 1345 A.F.

Storage orders - July 6 Aug. 20 = 20 cfs

BAYARD SUGAR FACTORY DRAIN NEAR BAYARD  
 SE1/4NE1/4 Sec. 5-20-52 W.

Period of Record: October 1931 - December 1985

EXTREMES FOR CURRENT YEAR: Peak discharges above base of 90 cfs, and maximum

DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)
Jun 3	2030	187	2.82	Sep 23	1130	98	1.86
Sep 30	0945	99	1.90				

Minimum daily discharge, 0.84 cubic feet per second, April 21, 22

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17	18	20	16	12	17	21	58	54	51	28	24
2	17	18	19	16	9	15	28	53	58	44	27	24
3	17	18	19	15	9.8	37	29	49	56	42	27	24
4	17	18	18	16	3.3	98	27	44	56	39	26	23
5	17	18	19	16	3.5	58	28	41	51	39	26	23
6	17	19	20	14	3.7	30	29	32	49	39	25	23
7	18	19	20	13	4.4	22	20	37	49	32	25	23
8	18	19	20	6	7.1	20	12	44	66	30	25	23
9	18	19	20	3.7	6.8	9.7	18	43	65	32	24	22
10	18	20	20	2.9	7	13	23	44	58	36	24	22
11	18	20	20	2.1	18	17	23	47	72	41	24	22
12	18	20	20	1.9	15	22	24	56	76	39	25	22
13	18	20	20	1.8	26	21	28	60	72	42	25	22
14	18	20	20	1.6	22	22	28	64	74	37	25	21
15	18	20	19	1.6	23	21	23	66	68	35	25	21
16	19	20	19	2.7	19	18	20	59	75	34	26	21
17	19	20	19	2.3	21	21	21	58	72	32	26	21
18	19	19	19	1.4	20	21	24	60	64	31	28	21
19	18	20	19	1	20	22	31	58	59	32	26	21
20	18	20	19	0.98	24	12	38	56	56	31	26	21
21	18	19	19	0.84	23	17	40	56	65	30	26	21
22	18	19	18	0.84	23	20	42	57	61	31	26	21
23	18	19	18	1	18	17	45	56	74	29	26	21
24	18	19	17	5.7	13	22	47	56	76	29	25	21
25	18	19	17	6.4	11	24	43	56	79	29	25	21
26	18	19	17	14	13	35	39	51	68	28	25	21
27	18	19	17	16	17	28	36	48	57	28	25	21
28	18	19	16	16	21	23	36	50	63	28	25	20
29	18	---	17	14	21	22	34	51	74	28	24	20
30	18	---	17	12	15	23	45	53	78	27	24	20
31	18	---	16	---	10	---	56	53	---	28	---	20
S.P.	555	537	578	222.7	459.6	747.7	958	1616	1945	1053	764	671
Mean	18	19	19	7	15	25	31	52	65	34	25	22
Max.	19	20	20	16	26	98	56	66	79	51	28	24
Min.	17	18	16	0.84	3.3	9.7	12	32	49	27	24	20
A.F.	1100	1070	1150	440	910	1480	1900	3210	3860	2090	1520	1330
Total 12 Months	-20060 A.F.											



NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Bayard Sugar Factory Drain  
 Measured through metal flume  
 SW1/4SW1/4 Sec. 4-20-52 W. near Bayard  
 Period of Record:  
 June 1924 - August 1926, May 1928 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	26	27	25	26	7.7
2	0	23	26	29	23	12
3	0	22	22	30	20	10
4	0	16	1.3	30	17	10
5	0	15	8	30	15	11
6	0	14	20	32	12	9.8
7	0	15	18	26	12	7.9
8	0	17	21	22	16	8.2
9	8.8	16	19	26	14	8.2
10	15	16	22	29	13	7.9
11	14	22	24	31	14	13
12	14	21	27	32	10	12
13	14	26	26	23	6.4	8.2
14	14	25	29	16	4.2	11
15	14	25	28	18	5.2	11
16	13	23	26	22	11	15
17	12	24	29	23	19	14
18	11	24	31	27	21	9.4
19	9.9	23	28	24	20	15
20	9.7	26	22	24	18	15
21	10	26	25	26	9.9	20
22	11	26	26	23	2.1	21
23	11	23	25	20	1.2	14
24	20	21	27	20	0.8	7.8
25	22	21	26	19	2.1	8.7
26	27	23	29	19	4.2	5.2
27	29	26	27	20	1.9	2.4
28	28	28	24	20	3.3	3.9
29	26	28	25	20	3.9	6.8
30	26	25	26	24	4.9	4
31	---	23	---	26	5.8	---
S.F.	359.4	689	714.3	756	336.9	310.1
Mean	12	22	24	24	11	10
Max.	29	28	31	32	26	21
Min.	0	14	1.3	16	0.8	2.4
A.F.	710	1370	1420	1500	670	620
Total 6 Months	- 6290 A.F.					
Acceage reported D-874, 1035(A-1776 O.D.)-	2121					

RED WILLOW CREEK NEAR BAYARD  
 NE1/4NE1/4 Sec. 13-20-52 W.

Period of Record: October 1931 - December 1985

EXTREMES FOR CURRENT YEAR:--Peak discharges above base of 320 cfs, and maximum (\*): DISCH GHT DISCH GHT  
 DATE TIME (CFS) (FT) DATE TIME (CFS) (FT)  
 Jun 3 2045 \*611 4.53 Sep 11 0730 454 3.58  
 Sep 24 2230 400 3.43  
 Minimum daily discharge, 30 Cubic Feet per second, April 22, 23, 1985.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	67	57	58	48	168	242	86	122	124	143	102	79
2	67	57	58	47	138	211	86	134	141	144	98	79
3	67	56	58	47	96	273	72	130	147	144	98	81
4	67	55	55	50	82	305	67	125	210	140	97	82
5	67	55	58	47	74	273	56	115	205	142	95	82
6	65	56	58	48	64	214	54	97	186	142	94	82
7	64	58	58	50	50	147	59	99	192	142	95	81
8	65	58	58	48	46	129	65	96	225	127	95	81
9	65	56	58	48	47	129	69	92	270	127	91	81
10	65	58	59	50	60	133	67	101	316	127	91	81
11	65	56	58	48	151	176	64	104	380	131	90	81
12	67	56	59	47	189	172	62	114	396	130	90	81
13	67	56	59	48	222	165	69	120	386	130	90	79
14	69	55	58	48	214	164	81	120	392	127	86	79
15	67	55	56	48	155	151	75	132	356	125	88	79
16	67	55	56	48	103	124	72	124	361	121	84	79
17	67	55	56	48	124	98	74	119	334	118	84	79
18	67	55	56	48	123	72	72	129	283	116	84	79
19	67	55	56	41	129	69	82	141	246	113	74	79
20	67	55	56	36	122	96	90	145	248	113	74	81
21	67	56	58	32	93	151	93	132	263	112	74	81
22	65	56	58	30	65	135	94	123	302	109	72	79
23	64	56	55	30	84	95	91	121	332	106	72	77
24	61	56	51	32	86	65	92	119	380	106	72	77
25	61	56	51	36	92	88	94	121	384	107	74	77
26	61	56	52	120	105	144	90	115	343	105	74	77
27	59	56	52	198	124	173	81	100	225	106	75	75
28	59	56	54	208	139	173	79	103	209	106	75	75
29	59	---	54	212	150	131	91	105	169	101	77	75
30	59	---	51	189	164	94	108	109	143	101	77	75
31	59	---	50	---	239	---	113	111	---	102	---	75
S.F.	2003	1567	1734	2030	3698	4592	2448	3618	8148	3763	2542	2448
Mean	65	56	56	68	119	153	79	117	272	121	85	79
Max.	69	58	59	212	239	305	113	145	396	144	102	82
Min.	59	55	50	30	46	65	54	92	124	101	72	75
A.F.	3970	3110	3440	4030	7330	9110	4860	7180	16160	7460	5040	4860
Total 12 Months	-76550 A.F.											

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Red Willow Creek  
Measured through concrete flume  
NW1/4SW1/4 Sec. 6-20-51 W. near Bayard  
Period of Record:

June 1918 - September 1926, May 1928 - October 1985

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	14	14	64	57	54	8.7
2	0	16	24	64	56	52	0
3	0	12	15	59	55	59	0
4	0	14	0	56	50	17	0
5	0	11	0	58	49	0	0
6	0	13	5.1	54	55	29	0
7	0	14	7.9	58	56	54	0
8	0	24	15	50	59	52	0
9	0	25	26	47	61	52	0
10	0	35	27	47	60	48	0
11	0	40	32	50	59	37	0
12	0	39	30	52	58	39	0
13	0	30	30	51	58	38	0
14	0	28	28	49	61	32	0
15	0	29	28	51	58	39	0
16	0	35	28	48	60	34	0
17	0	39	33	48	58	31	0
18	0	37	38	52	60	25	0
19	0	31	41	52	57	33	0
20	0	41	52	52	58	30	0
21	0	46	60	52	53	38	0
22	0	52	54	54	59	39	0
23	0	50	48	55	58	36	0
24	0	52	48	60	58	32	0
25	12	49	60	60	58	30	0
26	13	47	51	55	56	15	0
27	7	45	51	55	55	13	0
28	7	46	54	61	58	22	0
29	7	46	52	59	52	17	0
30	10	30	54	57	53	16	0
31	---	0	---	56	52	---	0
S.F.	56	990	1006	1686	1757	1013	8.7
Mean	2	32	32	54	57	34	0
Max.	13	52	60	64	61	59	8.7
Min.	0	0	0	47	49	0	0
A.F.	110	1960	2000	3340	3480	2010	20
Total 7 Months	- 12920 A.F.						
Acresage reported D-874,1035(A-1429 O.D.)-4022, A-1436-17, Total-4039.							

DAILY DIVERSIONS OF CANAL--1985

ALLIANCE IRRIGATION DISTRICT  
Summary in Acre-feet--1985

	Apr.	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:								
Bayard Drain.....	710	1370	1420	1500	670	620	0	6290
Red Willow Creek....	110	1960	2000	3340	3480	2010	20	12920
Total.....	820	3330	3420	4840	4150	2630	20	19210

Total water diverted 19210 A.F.

BELMONT CANAL from North Platte River  
Measured through 15-foot Parshall flume  
SW1/4SE1/4 Sec. 18-20-51 W. near Bridgeport  
Period of Record: May 1916 - September 1950  
October 1950 - September 1961 (Published as Belmont-Empire Canal), October 1961 - October 1985

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	26	97	114	133	115	32
2	0	37	100	114	135	117	0
3	0	53	104	112	133	117	0
4	0	104	75	111	130	115	0
5	0	104	47	123	130	113	0
6	0	99	52	133	131	113	0
7	0	96	86	126	135	114	0
8	0	93	80	135	133	114	0
9	0	90	86	134	133	114	0
10	0	91	88	131	136	112	0
11	0	86	85	131	139	109	0
12	0	89	93	139	139	101	0
13	0	96	92	139	139	99	0
14	0	97	97	139	138	99	0
15	0	93	98	138	128	96	0
16	0	85	97	136	114	102	0
17	0	87	99	138	114	112	0
18	0	89	102	139	119	105	0
19	0	76	102	136	117	99	0
20	41	90	112	139	114	98	0
21	19	89	119	139	115	96	0
22	18	86	128	136	115	96	0
23	17	82	119	138	115	96	0
24	16	85	118	138	115	91	0
25	14	85	121	138	121	89	0
26	18	86	134	136	120	86	0
27	25	85	145	136	115	83	0
28	24	89	125	138	114	77	0
29	24	90	114	138	115	75	0
30	24	91	114	143	114	74	0
31	---	96	---	138	114	---	0
S.F.	240	2645	3029	4125	3863	3027	32
Mean	8	85	98	133	125	101	1
Max.	41	104	145	143	139	117	32
Min.	0	26	47	111	114	74	0
A.F.	480	5250	6010	8180	7660	6000	60
Total 7 Months	- 33640 A.F.						
Acresage reported D-828-8886							

EMPIRE CANAL from North Platte River via Belmont  
Canal--Measured through 4-foot Parshall flume  
SW1/4NW1/4 Sec. 20-20-51 W. near Bridgeport  
Period of Record: July 1916  
June 1918 - September 1919, May 1921 - August 1926  
June 1929 - September 1945, May 1948 - September 1950  
October 1950 - September 1961 (Published as Belmont-Empire Canal) October 1961 - October 1985

Date	May	June	July	Aug.	Sept.	Oct.
1	0	20	26	26	23	3.5
2	0	31	27	26	23	0
3	0	31	25	25	23	0
4	0	11	25	26	24	0
5	0	0	29	26	21	0
6	0	0	30	24	21	0
7	0	2.8	29	25	23	0
8	0	16	31	26	23	0
9	0	32	31	26	23	0
10	0	30	29	26	22	0
11	15	30	26	26	22	0
12	29	34	28	26	20	0
13	35	28	31	26	20	0
14	36	29	32	25	20	0
15	36	29	31	23	20	0
16	34	29	31	23	20	0
17	26	29	29	24	22	0
18	22	31	27	24	21	0
19	25	31	29	24	19	0
20	31	31	28	23	19	0
21	27	37	27	23	19	0
22	24	32	26	24	19	0
23	25	30	27	22	18	0
24	28	28	27	24	18	0
25	28	28	27	25	16	0
26	28	30	27	24	18	0
27	28	32	26	24	18	0
28	28	28	26	24	16	0
29	28	27	26	23	15	0
30	27	27	27	23	14	0
31	23	---	26	23	---	0
S.F.	583	773.8	866	759	600	3.5
Mean	19	26	28	24	20	0
Max.	36	37	32	26	24	3.5
Min.	0	0	25	22	14	0
A.F.	1160	1530	1720	1510	1190	10
Total 6 Months	- 7120 A.F.					
Acresage reported D-858-2116, A-866-75, Total-2191						

NORTH PLATTE RIVER BASIN

INDIAN CREEK  
near Northport--NE1/4SE1/4 Sec. 19-20-50 W.  
Period of Record: September 1922 - September 1985

Date	May	June	July	Aug.	Sept.
1	7.6	20	33	20	28
2	7.4	23	31	20	29
3	7.4	24	28	19	30
4	7.4	28	22	18	28
5	7.2	16	15	23	28
6	7.2	16	14	27	37
7	7.2	21	13	26	33
8	7.2	21	11	30	35
9	7.2	21	17	28	37
10	15	26	17	25	38
11	17	28	18	21	43
12	25	27	20	23	41
13	33	28	18	20	40
14	27	23	17	31	40
15	28	24	15	32	39
16	32	24	15	31	41
17	34	25	14	34	39
18	28	31	21	32	40
19	22	30	24	29	37
20	22	26	26	22	38
21	23	27	27	20	39
22	22	26	27	19	40
23	28	25	20	27	42
24	25	24	19	27	42
25	24	35	14	28	40
26	24	39	14	30	35
27	26	39	19	30	31
28	28	38	24	22	30
29	26	35	25	20	28
30	27	33	28	21	28
31	18	---	28	24	---
S.F.	619.8	803	634	779	1076
Mean	20	27	20	25	36
Max.	34	39	33	34	43
Min.	7.2	16	11	18	28
A.F.	1230	1590	1260	1550	2130
Total 5 Months	- 7760 A.F.				

UPPER DUGOUT CREEK NEAR BRIDGEPORT  
SE1/4SE1/4 Sec. 20-20-50 W. Period of Record: October 1931 - December 1985

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1985, 1300 Cubic Feet per Second at 2100 hours on June 3, 1985 at a Gage Height of 7.25 feet. Minimum Daily Discharge, 1.8 Cubic Feet per Second on April 23, 24, 1985.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.2	3.2	3.3	2.6	2	52	24	27	13	12	6.6	5.6
2	4.2	3.2	3.3	2.6	2	53	20	28	13	11	6.6	5.4
3	4.7	3.2	3.1	2.4	65	177	16	26	16	9.8	6.6	5.4
4	4.7	3.1	3	2.6	37	56	14	19	19	8.8	6.6	5.4
5	4.4	3.2	3.2	2.6	43	35	17	10	20	8.5	6.3	5.4
6	4.4	3.3	3.2	2.6	49	37	17	9.8	22	8.2	6.6	5.4
7	4.4	3.4	3.3	2.6	36	35	16	13	26	7.6	6.7	5.4
8	4.2	3.5	3.3	2.6	21	31	12	17	31	7.6	6.8	5.4
9	4.4	3.3	3.3	2.6	28	28	6.8	20	40	7.6	6.8	5.4
10	4.2	3.1	3.1	2.6	42	38	6.6	21	38	7.6	6.8	5.2
11	4.2	2.9	3.1	2.4	56	42	9.4	23	48	8.2	6.8	5
12	4	3.3	3.3	2.2	43	46	14	23	72	7.9	6.8	4.8
13	4.7	3.5	3.1	2.2	42	55	12	17	49	7.6	7.1	5.2
14	4.7	3.4	3.1	2.4	40	51	14	10	35	7.6	7.1	5.6
15	4.4	3.5	2.9	2.2	21	47	15	11	35	7.5	6.8	5.6
16	4.2	3.5	2.9	2.1	12	48	12	16	31	7.4	6.8	5.4
17	4.4	3.5	2.9	2.1	18	46	9	24	29	7.1	6.8	5.4
18	4.4	3.5	2.7	2.1	18	20	4.6	26	29	6.8	6.3	5.4
19	4.4	3.5	2.9	2.1	28	10	4.8	27	34	6.8	6.3	5.4
20	4.5	3.5	2.9	2.2	26	67	11	27	32	6.8	6.3	5.6
21	4.7	3.5	2.9	2.2	25	92	15	27	36	6.6	6.3	5.6
22	4.7	3.5	2.9	2	29	82	14	18	35	6.6	6.1	5.6
23	4.7	3.5	2.9	1.8	21	69	16	8.9	33	6.6	6.3	5.4
24	4.7	3.5	2.9	1.8	14	38	20	7.9	38	6.6	6.1	5.4
25	4.7	3.5	2.9	2	11	31	16	13	57	6.6	6.1	5.4
26	4.4	3.5	2.9	2.6	9.7	32	11	18	55	6.6	6.1	5.4
27	4.2	3.3	2.9	2.6	10	39	7.1	17	47	6.6	6.1	5.4
28	4.2	3.3	2.9	2.2	11	38	6.6	20	18	6.5	6.1	5.2
29	3.9	---	2.9	2.1	14	27	13	25	14	6.3	5.6	5
30	3.7	---	2.9	2.1	20	25	22	25	12	6.6	5.6	5
31	3.3	---	2.9	---	43	---	23	18	---	6.6	---	4.8
S.F.	134.9	94.2	93.8	69.2	836.7	1447	418.9	592.6	977	234.6	193.9	165.6
Mean	4	3	3	2	27	48	14	19	33	8	6	5
Max.	4.7	3.5	3.3	2.6	65	177	24	28	72	12	7.1	5.6
Min.	3.3	2.9	2.7	1.8	2	10	4.6	7.9	12	6.3	5.6	4.8
A.F.	270	190	190	140	1660	2870	830	1180	1940	470	380	330
Total 12 Months	-10450 A.F.											

NORTH PLATTE RIVER BASIN

**BROWNS CREEK CANAL** from North Platte River  
 Measured through 8-foot Parshall flume  
 NW1/4SW1/4 Sec. 28-20-50 W. near Bridgeport  
 Period of Record: May 1916 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	12	44	69	45	70
2	0	13	46	75	46	67
3	0	18	40	76	51	62
4	0	20	12	76	51	54
5	0	22	19	83	52	48
6	0	25	17	84	56	41
7	0	23	14	81	60	36
8	0	28	12	84	71	30
9	0	30	12	85	77	28
10	0	32	17	87	78	25
11	0	29	19	85	79	21
12	0	26	20	86	74	18
13	0	25	20	89	69	19
14	0	21	14	92	72	21
15	0	21	9.8	94	68	22
16	0	26	14	94	70	21
17	0	30	16	95	69	19
18	0	29	19	95	69	19
19	0	28	24	96	72	16
20	0	27	37	99	72	14
21	0	27	38	101	69	14
22	0	30	41	98	62	13
23	0	30	51	70	61	14
24	0	30	62	0	58	12
25	0	30	77	35	57	8.6
26	0	30	87	58	61	6.8
27	0.3	30	87	50	68	7
28	3.8	30	81	48	70	4.5
29	8.9	33	83	48	72	0
30	10	35	84	48	71	0
31	---	35	---	48	69	---
S.P.	23	825	1116.	2329	2019	730.9
Mean	1	27	37	75	65	24
Max.	10	35	87	101	79	70
Min.	0	12	9.8	0	45	0
A.P.	50	1640	2220	4620	4000	1450
Total 6 Months -13980 A.P.						
Acreage reported D-857, 1033-6126						

DAILY DIVERSIONS OF CANALS--1985

BROWNS CREEK CANAL  
 Summary in Acre-feet--1985

Diverted	Apr.	May	June	July	Aug.	Sept.	Totals
Natural.....	46	1640	2220	4455	4000	1450	13811
Storage.....	0	0	0	165	0	0	165
Total.....	46	1640	2220	4620	4000	1450	13976

Total water diverted 13811 - NATURAL  
 165 - STORAGE

STORAGE ORDERS - June 24 - July 26 = 18 cfs  
 July 27 - August 1 = 10 cfs

**COURT HOUSE ROCK CANAL** from Pumpkin Creek  
 Measured through concrete box  
 SE1/4SW1/4 Sec. 30-19-50 W. near Bridgeport  
 Period of Record:  
 May 1917 - August 1927, April 1930 - October 1985

Date	May	June	July	Aug.	Sept.	Oct.
1	0	7.4	5	5	5	5.7
2	0	7.7	5	4.9	5	6
3	0	8.8	5.2	4.9	5	5.6
4	0	9.2	5.4	5.1	5.3	5.3
5	0	9.4	5.4	5.2	5.2	4.9
6	0	9	5.6	5	5.4	4.9
7	0	8.7	5.9	5	5.5	4.4
8	0	8.2	5.1	5.1	5.5	2.6
9	0	7.8	0	4.9	5.3	0
10	0	7.4	0	4.9	5.5	0
11	0	7.3	0	4.4	5.4	0
12	0	6.8	0	4.8	5.2	0
13	0	6.6	2	4.8	4.9	0
14	0	6.5	4.5	4.5	4.9	0
15	0	6.3	4.4	4.8	5.1	0
16	0	6.2	4.6	4.8	5.1	0
17	5.9	6.1	4.7	4.9	4.7	0
18	9.2	5.8	4.6	4.9	4.9	0
19	9.1	5.4	4.7	5	4.9	0
20	9	5.4	4.9	4.9	4.9	0
21	8.9	5.2	4.9	5	4.9	0
22	8.9	5.1	5	5	5.1	0
23	8.6	4.9	4.9	4.9	5.3	0
24	8.6	3.9	4.9	4.6	5.3	0
25	8	3.7	5.1	4.5	5.3	0
26	8.2	3.6	4.9	4.5	4.9	0
27	7.8	4.2	4.9	4.8	4.7	0
28	7.6	5.3	4.9	4.9	5.6	0
29	7.3	5.2	5	4.8	6.3	0
30	7.3	5.1	5.1	4.9	6.2	0
31	7.3	---	4.9	4.9	---	0
S.P.	121.7	192.2	131.5	150.6	156.3	39.4
Mean	3.9	6.2	4.2	4.9	5	1.3
Max.	9.2	9.4	5.9	5.2	6.3	6
Min.	0	3.6	0	4.4	4.7	0
A.P.	241	381	261	299	310	78
Total 6 Months - 1570 A.P.						
Acreage reported D-840, 1028-1382, A-851-0, A-2315-0, Total-1382						

LAST CHANCE CANAL from Pumpkin Creek

Measured in section of canal  
 SE1/4NW1/4 Sec. 27-19-50 W. near Bridgeport  
 Period of Record: July 1921 - September 1921  
 July 1922 - August 1922, June 1931 - September 1985

May	June	July	Aug.	Sept.	Total (Acre-Feet)
0	0	0	0	0	0

Acreage D-883-404

**BELMONT SPILL into Pumpkin Creek**  
 Measured through 12-foot weir  
 SW1/4NE1/4 Sec. 23-19-50 W. near Bridgeport  
 Period of Record: April 1965 - October 1985

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	0	0	0	0	0	20
2	0	5.7	0	0	0	0	1
3	0	11	0	0	0	0	0
4	0	2.3	14	0	0	0	0
5	0	16	29	0	0	0	0
6	0	26	30	0	0	0	0
7	0	26	19	0	0	0	0
8	0	25	25	0	0	0	0
9	0	19	5.4	0	0	0	0
10	0	16	12	0	0	0	0
11	0	12	17	0	0	0	0
12	0	22	17	0	0	0	0
13	0	29	16	0	0	0	0
14	0	24	14	0	0	0	0
15	0	22	13	0	0	0	0
16	0	20	14	0	0	0	0
17	0	21	13	0	0	0	0
18	0	24	13	0	0	0	0
19	0	20	7.7	0	0	0	0
20	0	19	0	0	0	0	0
21	0	18	0	0	0	0	0
22	0	16	3.1	0	0	0	0
23	0	10	7.1	0	0	0	0
24	0	0	6.7	0	0	0	0
25	0	0	5.1	0	0	0	0
26	0	0	3.5	0	0	9.2	0
27	29	0	2.8	0	0	17	0
28	11	0	3.9	0	0	19	0
29	0	0	1.6	0	0	19	0
30	0	0	0	0	0	18	0
31	0	0	0	0	0	---	---
S.F.	40	404	292.9	0	0	82.2	21
Mean	1	13	9	0	0	3	1
Max.	29	29	30	0	0	19	20
Min.	0	0	1	0	0	0	0
A.F.	80	800	580	0	0	160	40
Total 7 Months -		1660		A.F.			

**MEREDITH-AMMER CANAL from Pumpkin Creek**  
 Measured through 30-inch Parshall flume  
 NE1/4NE1/4 Sec. 23-19-50 W. near Bridgeport  
 Period of Record: June 1931 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	3.8	1.3	0.4
2	0	0	3.2	1.5	0.6
3	2	0	2.9	1.3	0.7
4	3.4	0	2.8	1	0.9
5	3.8	0	2.7	0.8	1.3
6	5.2	0	2.5	0.9	1
7	5.2	0	2.1	0.8	1
8	5.2	0	2	0.2	1.2
9	5.2	1.3	1.9	0	1.2
10	5.2	2.1	2.2	0.3	1.4
11	5.2	2.1	3.2	0.5	1.8
12	5.2	2.1	3.2	0.6	1.9
13	4.3	1.6	3.3	0.6	1.8
14	2.8	0.3	3.4	0.7	0.5
15	3.4	0.1	2.4	1.3	0
16	1.3	0	1.4	1.3	0
17	0	0	1.3	0.9	0
18	0	0.9	1.5	1	0
19	0	3.7	1.9	1.1	0
20	0	5	2	1.2	0
21	0	4.4	1.9	1.2	0
22	0	4.6	1.8	1.9	0
23	0	5.5	1.9	2	0
24	0	5	1.9	1.5	0
25	0	4.6	1.8	1.4	0
26	0	4.8	1.6	1.2	0
27	0	5.1	1.2	1	0
28	0	4.9	0.8	0.8	0
29	0	5.6	0.9	0.7	0
30	0	4.9	1.4	0.9	0
31	0	---	1.2	0.5	---
S.F.	57.4	68.6	66.1	30.4	15.7
Mean	1.9	2.2	2.1	1	0.5
Max.	5.2	5.6	3.8	2	1.9
Min.	0	0	0.8	0	0
A.F.	114	136	131	60	31
Total 5 Months -		472		A.F.	
Acreage reported				D-876-336	

**SILVERNAIL DRAIN near**  
 Bridgeport--SE1/4SW1/4 Sec. 6-19-49 W.  
 Period of Record:  
 February 1925 - September 1949, May 1956 - September 1985

Date	May	June	July	Aug.	Sept.
1	4.7	26	22	18	18
2	5.4	28	17	24	25
3	6.1	32	15	27	32
4	6.6	34	14	29	19
5	12	36	16	24	18
6	15	37	16	21	17
7	15	40	18	17	20
8	37	37	19	12	23
9	35	34	18	10	26
10	31	35	18	18	20
11	24	39	19	26	18
12	27	30	16	26	20
13	30	30	13	21	18
14	24	29	11	19	18
15	24	25	23	19	17
16	29	25	25	22	18
17	24	25	26	14	14
18	31	16	19	15	18
19	38	16	21	17	15
20	38	22	21	22	17
21	36	23	22	21	19
22	40	18	21	20	21
23	26	12	18	19	29
24	24	29	27	18	34
25	26	30	22	17	28
26	27	33	28	13	25
27	27	33	13	12	21
28	28	33	19	13	15
29	32	29	18	22	9.4
30	26	25	15	20	9.4
31	24	---	15	19	---
S.F.	772.8	861	585	595	601.8
Mean	25	29	19	19	20
Max.	40	40	28	29	34
Min.	4.7	12	11	10	9.4
A.F.	1530	1710	1160	1180	1190
Total 5 Months -		6770		A.F.	

**BEERLINE CANAL from North Platte River**  
 Measured through concrete flume  
 NW1/4NW1/4 Sec. 24-19-49 W. near Broadwater  
 Period of Record:  
 June 1919 - September 1922, July 1924 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	12	10	11
2	0	10	12	5.6	13
3	0	18	11	2.2	13
4	0	26	10	0.8	14
5	0	24	9.7	0.8	20
6	0	18	9.7	0.8	14
7	0	18	13	6.1	8.6
8	0	14	15	11	8.5
9	0	12	12	14	8.7
10	0	6.5	11	13	8.7
11	0	3.4	10	13	8.3
12	0	2.9	8.6	14	7.7
13	0	2.4	8.8	15	7.7
14	0	1.9	14	15	7.7
15	0	1.7	22	17	7.5
16	0	1.5	21	17	5.5
17	0	1.2	18	17	5.6
18	0	3.7	18	16	5.5
19	0	11	19	17	4.7
20	0	12	21	18	4
21	0	16	23	18	3.8
22	0	20	24	17	4
23	0	20	21	16	4.4
24	0	19	16	15	4.2
25	0	19	13	11	3.5
26	0	20	8.3	7.5	3
27	0	20	8.1	6.7	1.5
28	8.2	12	10	7.4	0
29	18	13	9.7	7.7	0
30	7.3	12	9.3	8.7	0
31	0	---	9.8	10	---
S.F.	33.5	359.2	428	348.3	208.1
Mean	1.1	11.6	13.8	11.2	6.7
Max.	18	26	24	18	20
Min.	0	0	8.1	0.8	0
A.F.	66	712	849	691	413
Total 5 Months -		2730		A.F.	
Acreage reported				D-887-2080	

NORTH PLATTE RIVER BASIN

**BELMONT CANAL from Cedar Creek**  
 Measured through concrete box  
 NE1/4SW1/4 Sec. 23-18-48 W. near Broadwater  
 Period of Record: May 1919 - July 1919  
 May 1922 - September 1923, May 1926 - September 1927  
 May 1929 - September 1943, May 1948 - September 1952  
 October 1955 - September 1964, May 1966 - September 1985

DAILY DIVERSIONS OF CANALS--1985

**BEERLINE CANAL**  
 Summary in Acre-feet--1985

	May	June	July	Aug.	Sept.	Totals
Diverted:						
Natural.....	66	712	582	691	413	2464
Storage.....	0	0	267	0	0	267
Totals.....	66	712	849	691	413	2731
Water diverted:						
Natural				2464	A.F.	
Storage				267	A.F.	
Storage orders - July 20-27 = 16 cfs						

Date	May	June	July	Aug.	Sept.
1	0	10	8.3	6.9	2.9
2	0	10	7.9	6.9	3.4
3	0	10	7.8	5.3	5.5
4	0	11	7.3	3.6	7.8
5	0	10	7.6	3.6	7.8
6	0	10	7.7	3.5	7.8
7	0	9.8	7	4	7.3
8	0	9.8	5.8	3.4	5.1
9	0	9.9	4	3.7	5.3
10	3.9	10	3.5	5.9	6
11	9.5	10	4	6.7	6.5
12	10	9.6	4	5.4	6.5
13	12	9.4	3.9	4.7	6.7
14	10	9.1	3.9	5.2	6.6
15	10	9.1	3.9	3.7	6.7
16	10	9.1	3.9	3.6	6.5
17	10	9.1	3.5	4.6	6.7
18	10	9.3	4	5.9	5.2
19	10	9.1	4.2	5.8	3.7
20	10	9	5.1	4.6	3.9
21	10	8.9	7	3.4	4.6
22	10	9	6.4	3.9	5.4
23	10	9	11	3.6	5.8
24	10	7.7	2.7	3.7	5.3
25	10	7	2.6	3.9	1.7
26	10	7.5	8.8	4.9	0
27	11	8.2	8.7	5.7	0
28	10	8.2	8.8	3.5	0
29	10	6	8.7	3.5	0
30	10	4.9	8.9	3.1	0
31	10	---	7.9	3	---
S.F.	216.4	269.7	188.8	139.2	140.7
Mean	7	8.7	6.1	4.5	4.5
Max.	12	11	11	6.9	7.8
Min.	0	4.9	2.6	3	0
A.F.	429	535	374	276	279
Total 5 Months - 1890					A.P.

**CEDAR CREEK NEAR BROADWATER**  
 SE1/4NE1/4 SEC. 11-18-48 W.  
 Period of Record:  
 January 1922 - September 1962, May 1965 - September 1985

DAILY DIVERSIONS OF CANALS--1985

**BELMONT CANAL**  
 Summary in Acre-feet--1985

	Apr.	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:								
North Platte River...	476	5250	6010	8180	7660	6000	63	33639
Cedar Creek.....	0	429	535	374	276	279	0	1893
Natural flow.....	476	5679	6545	7534	7359	6279	63	33935
Storage.....	0	0	0	1020	577	0	0	1597
Totals.....	476	5679	6545	8554	7936	6279	63	35532
Total water diverted				33935	- NATURAL			
				1597	- STORAGE			
STORAGE ORDERS - July 6-August 14 - 20 cfs daily								

Date	May	June	July	Aug.	Sept.
1	9.7	15	1.3	7.9	0.8
2	9.3	17	0.2	7.9	1.7
3	8.8	19	0.2	5.1	2.6
4	23	22	0.1	2.3	2.6
5	37	15	0.1	2.3	2.6
6	37	8.1	0.4	1.3	3.1
7	35	7.9	0.6	0.4	2.3
8	33	10	0.7	0.3	3.4
9	29	13	0.1	0.7	4.4
10	31	19	0.6	1.2	7.2
11	29	20	0.4	1.8	8.6
12	24	18	0.2	1.6	7.3
13	20	20	0.2	2.6	6.4
14	19	17	0.1	2.1	6.7
15	19	17	0.2	1.5	7
16	16	16	0.2	1	6.4
17	13	16	0.4	0.5	4.6
18	13	9.7	0.4	1.4	10
19	12	11	0.5	2.2	9.7
20	7.9	9	0.8	2.2	12
21	11	6.1	1.1	1	13
22	11	6.4	1.4	1.1	14
23	7.2	6.8	1.2	0.8	14
24	6.1	0.6	1.2	0.7	20
25	6.4	0.2	9.3	0.6	24
26	6.8	0.3	7.3	0.5	25
27	7.8	0.2	6	1	22
28	8.8	3.7	4.7	0.4	23
29	9.5	1.7	5.2	1	24
30	9.1	0.3	7.9	1.1	24
31	13	---	7.5	1	---
S.F.	522.4	326	71.3	55.5	312.4
Mean	16.9	10.5	2.3	1.8	10.1
Max.	37	22	12	7.9	25
Min.	6.1	0.2	0.1	0.3	0.8
A.F.	1036	647	141	110	620
Total 5 Months - 2550					A.P.

LISCO CANAL from North Platte River  
 Measured over weir  
 NW1/4NW1/4 Sec. 24-18-47 W. near Lisco  
 Period of Record:  
 July 1918 - October 1927, June 1929 - October 1985

Date	May	June	July	Aug.	Sept.	Oct.
1	0	20	55	46	36	22
2	0	22	58	59	42	21
3	0	26	57	55	45	19
4	0	36	62	40	47	16
5	0	28	58	39	58	15
6	0	24	58	49	47	14
7	0	30	59	41	49	13
8	0	30	59	46	51	5.1
9	0	31	50	41	47	0
10	0	36	53	52	51	0
11	0	48	54	52	52	0
12	0	50	52	60	52	0
13	0	47	42	50	43	0
14	0	44	39	46	43	0
15	0	51	43	49	44	0
16	0	52	42	47	42	0
17	0	53	42	44	39	0
18	0	52	39	48	38	0
19	0	59	39	50	39	0
20	0	54	37	50	35	0
21	0	52	38	43	33	0
22	0	58	36	38	34	0
23	0	64	31	34	39	0
24	0	59	8.6	34	41	0
25	0	58	34	36	45	0
26	0	62	34	42	50	0
27	0	64	33	45	35	0
28	11	56	32	38	29	0
29	20	54	33	38	28	0
30	21	51	41	37	24	0
31	19	---	46	37	---	0
S.F.	71	1371	1364.	1386	1258	125.1
Mean	2	46	44	45	42	4
Max.	21	64	62	60	58	22
Min.	0	20	8.6	34	24	0
A.F.	140	2720	2710	2750	2500	250

Total 6 Months -11070 A.F.  
 Acreage reported D-787R-1308, D-856-1395,  
 A-243R-756, A-991-216, A-4658-112, A-5572-90,  
 Total-3885

LISCO CANAL from Cold Water Creek  
 Measured in section of canal  
 NW1/4SW1/4 Sec. 26-18-46 W. near Lisco  
 Period of Record:  
 October 1937 - September 1944, May 1947 - September 1950  
 May 1981 - September 1981, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
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	1.3	0	0
11	0	0	1.3	0	0
12	0	0	1.3	0	0
13	0	0	1.3	0	0
14	0	0	1.3	0	0
15	0	0	1.3	0	0
16	0	0	1.3	0	0
17	0	0	1.3	0	0
18	0	0	1.3	0	0
19	0	0	0.4	0	0
20	0	0	0.4	0	0
21	0	0	0.4	0	0
22	0	0	0.4	0	0
23	0	0	0.4	0	0
24	0	0	0.4	0	0
25	0	0	0.4	0	0
26	0	0	0.4	0	0
27	0	0	0.4	0	0
28	0	0	0.4	0	0
29	0	0	0.4	0	0
30	0	0	0	0	0
31	0	---	0	0	---
S.F.	0	0	16.1	0	0
Mean	0	0	0.5	0	0
Max.	0	0	1.3	0	0
Min.	0	0	0	0	0
A.F.	0	0	32	0	0

Total 5 Months - 32 A.F.  
 Acreage reported D-796-300

COLD WATER CREEK  
 near Lisco--NE1/4NE1/4 Sec. 34-18-46 W.  
 Period of Record: January 1922 - September 1942  
 May 1953 - September 1957, May 1960 - September 1985

Date	May	June	July	Aug.	Sept.
1	4.4	4.2	4	3.9	3.8
2	4.4	4	4	3.9	3.8
3	4.4	4	4	3.8	3.8
4	4.4	4.1	4.1	3.7	3.8
5	4.4	4	4.1	3.6	3.8
6	4.3	4	4.2	3.6	3.8
7	4.3	3.9	4.3	3.6	3.8
8	4.3	3.9	3.9	3.6	3.8
9	4.3	3.8	3.8	3.6	3.8
10	4.3	3.8	3.8	3.6	4
11	4.3	3.8	2.5	3.6	4.2
12	4.9	3.8	2.3	3.6	4
13	5.5	3.7	2.2	3.6	3.9
14	4.6	3.7	2.2	3.5	3.9
15	4.6	3.7	2.2	3.6	3.9
16	4.5	3.5	2.1	3.6	3.9
17	4.5	3.5	2.1	3.6	3.9
18	4.5	3.4	2.1	3.5	3.9
19	4.5	3.6	3	3.3	3.8
20	4.5	3.5	3.1	3.4	3.8
21	4.5	3.7	3.3	3.5	3.8
22	4.5	3.6	3.1	3.5	3.8
23	4.3	3.6	3.1	3.6	4
24	4.3	3.7	3.5	3.7	4
25	4.3	3.7	3.6	3.8	3.9
26	4.3	4.2	3.5	3.8	3.9
27	4.2	3.8	3.5	3.8	3.9
28	4.2	3.8	3.6	3.8	4.1
29	4.2	4	3.8	3.8	4.2
30	4.1	4	4.3	3.8	4
31	4.5	---	4.3	3.8	---
S.F.	137.3	114	103.6	113.1	117
Mean	4.4	3.7	3.3	3.6	3.8
Max.	5.5	4.2	4.3	3.9	4.2
Min.	4.1	3.4	2.1	3.3	3.8
A.F.	272	226	205	224	232

Total 5 Months - 1160 A.F.

DAILY DIVERSIONS OF CANALS--1985

LISCO CANAL  
 Summary in Acre-feet--1985

	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:							
North Platte River...	141	2720	2710	2750	2500	248	11069
Cold Water Creek.....	0	0	32	0	0	0	32
Totals.....	141	2720	2742	2750	2500	248	11101

Total water diverted 11101 A.F.

NORTH PLATTE RIVER BASIN

MIDLAND-OVERLAND CANAL from North Platte River  
Measured through 4-foot Parshall flume  
NE1/4SE1/4 Sec. 2-16-44 W. near Oshkosh  
Period of Record: July 1924 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	5.4	10	0
2	0	0	4.4	13	1.6
3	0	0	3.8	10	1.7
4	0	4.7	3.5	8.3	1.9
5	0	7.7	1.9	7.7	2.3
6	0	8.9	1.9	6	2.9
7	0	16	6.4	3.3	2.9
8	0	22	21	0.7	3.6
9	0	22	17	0	4.4
10	0	21	16	0	7
11	0	21	20	0	6.4
12	0	15	19	1.5	4.7
13	0	19	20	4.7	5
14	0	18	20	6	5.5
15	0	16	21	4.9	5.5
16	0	14	22	3.2	5.7
17	0	12	23	2	5.4
18	0	8.3	23	0	4.9
19	0	7	22	1.3	4.1
20	0	13	5.7	1.7	2.5
21	0	8.7	5.5	16	5.4
22	0	11	7.5	15	4.1
23	0	13	13	11	0
24	0	2.8	5.7	10	0
25	0	10	5.7	7.3	0
26	0	12	7.3	8.1	0
27	0	11	6.6	7.2	0
28	0	14	5	4.2	0
29	0	16	5	2.8	0
30	0	16	5.9	2.4	0
31	0	---	10	1.1	---
S.F.	0	360.1	354.2	184.7	87.5
Mean	0	11.6	11.4	6	2.8
Max.	0	22	23	17	7
Min.	0	0	1.9	0	0
A.F.	0	714	703	366	174
Total 5 Months - 1960	A.F.				
Acreage reported D-789-1000, D-791-1104, D-800(A-1742 O.D.)-2258					

PAISLEY CANAL from Blue Creek  
Measured through 4-foot Parshall flume  
SE1/4NW1/4 Sec. 6-16-42 W. near Lovellen  
Period of Record: July 1917 - August 1919  
June 1921 - August 1921, July 1923 - September 1923  
May 1925 - September 1927, May 1931 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	16	2.6	13	15
2	0	17	8.9	12	17
3	0	17	14	6.6	18
4	0	19	14	4.3	16
5	0	19	15	6.3	16
6	0	18	15	13	15
7	0	18	8.9	15	15
8	0	15	0	14	15
9	0	17	0	15	18
10	0	17	0	15	18
11	0	17	0	7.7	16
12	0	17	0	7	16
13	0	13	0	7.1	15
14	0	9.2	0	7.7	15
15	0	9	0	8	13
16	0	10	0	8.2	0.6
17	0	4.7	0	7.9	3.5
18	0	0	0	5.6	15
19	0	0	0	9.8	16
20	8.2	0	0	16	16
21	14	0	0	16	18
22	15	0	1.6	16	11
23	16	0	6.1	16	0
24	17	0	5.5	14	0
25	17	0	8	13	0
26	17	0	13	13	0
27	18	1.2	15	13	0
28	19	4.6	14	14	0
29	20	4.2	18	15	0
30	20	7.1	19	15	0
31	17	---	17	14	---
S.F.	198.2	270	195.6	358.2	318.1
Mean	6.4	8.7	6.3	11.6	10.3
Max.	20	19	19	16	18
Min.	0	0	0	4.3	0
A.F.	393	536	388	710	631
Total 5 Months - 1960	A.F.				
Acreage reported D-800-815, A-515-95, A-1738-176, Total-1086					

BLUE CREEK CANAL from Blue Creek and Crescent Lake  
Measured through 8-foot Parshall flume  
SW1/4NE1/4 Sec. 6-16-42 W. near Lovellen  
Period of Record:  
July 1917 - September 1919, June 1921 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	9.8	18	0	32
2	0	16	35	0	18
3	0	16	40	0	4.8
4	0	19	40	1.9	3.9
5	3.3	19	41	9.2	3.2
6	0	16	42	10	2.4
7	6.1	15	42	21	5.4
8	7.6	13	44	26	8.2
9	7.9	16	39	24	11
10	6.8	21	37	22	13
11	0.7	22	37	18	16
12	1.4	29	36	21	10
13	2.4	36	36	20	8.2
14	0	40	36	20	6.8
15	1.4	42	36	23	8.2
16	7.9	42	35	20	0
17	9.2	42	35	17	0
18	11	42	35	20	0
19	5.4	43	37	29	0
20	8.6	38	41	30	0
21	10	37	36	22	0
22	5.9	37	35	20	0
23	4.9	36	6.4	13	0
24	11	36	35	13	0
25	10	38	39	12	0
26	9.5	38	38	15	0
27	8.9	37	40	26	0
28	3.8	36	36	29	0
29	7.6	25	13	25	0
30	8.9	36	0.5	22	0
31	6.8	---	0.2	32	---
S.F.	167	892.8	1021.	561.1	151.1
Mean	5.4	28.8	32.9	18.1	4.9
Max.	11	43	44	32	32
Min.	0	9.8	0.2	0	0
A.F.	331	1771	2025	1113	300
Total 5 Months - 1960	A.F.				
Acreage reported D-785-2449, D-795-355, A-1154-30, Total-2834					

HOOPER CANAL from Blue Creek  
Measured through 3-foot Parshall flume  
NE1/4SW1/4 Sec. 6-16-42 W. near Lovellen  
Period of Record:  
July 1917 - September 1919, June 1921 - September 1923  
May 1925 - September 1927, May 1931 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	9.5	3.3	0	8.8
2	0	9.6	1.1	0	9
3	0	10	0	0	1.8
4	0	11	0	0	0
5	0	11	4.3	0	0
6	0	10	11	0	0
7	0	10	13	5.8	0
8	0	12	14	8.5	0
9	0	11	12	9	0
10	0	10	12	6.3	0
11	0	10	12	9	0
12	0	3.6	12	4	0
13	0	9.5	12	0	0
14	0	11	13	4.2	0
15	0	11	13	9.5	0
16	0	13	11	8.1	0
17	0	11	12	9.3	0
18	0	12	13	9.6	0
19	0	12	13	6.8	0
20	0	13	13	8	0
21	0	12	12	11	0
22	8	13	12	13	0
23	9	12	13	12	0
24	5.2	13	4.6	12	0
25	6	13	7	12	0
26	4.6	13	11	10	0
27	4	13	10	8.8	0
28	5.7	12	11	8.6	0
29	7.8	12	2.6	10	0
30	9.1	13	0	9.8	0
31	9.5	---	0	8.5	---
S.F.	68.9	336.2	277.9	213.8	19.6
Mean	2.2	10.8	9	6.9	0.6
Max.	9.5	13	14	13	9
Min.	0	3.6	0	0	0
A.F.	137	667	551	424	39
Total 5 Months - 1960	A.F.				
Acreage reported D-781R (Pat. 410)-842					



NORTH PLATTE RIVER BASIN

UNION CANAL from Blue Creek  
Measured through 3-foot Parshall flume  
NW1/4SW1/4 Sec. 18-16-42 W. near Lewellen  
Period of Record: July 1917 - October 1919  
July 1921 - September 1927, June 1930 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	1.7	0	3.6
2	0	0	0.4	0	1.2
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	2.8	0	0
6	0	0	7.5	0	0
7	0	0	11	0	0
8	0	0	14	6.5	0
9	0	0	16	11	0
10	0	0	16	11	0
11	0	4.9	16	7.6	0
12	0	15	15	4.6	0
13	0	13	16	6.9	0
14	0	13	17	12	0
15	0	7.6	16	7.2	0
16	0	8.1	14	5.4	0
17	0	11	16	5.4	0
18	0	13	15	5.4	0
19	0	13	15	11	0
20	0	14	2.7	9	0
21	0	14	0	11	0
22	0	15	0	16	0
23	0	15	0	15	0
24	0	15	0	14	0
25	0	17	0	15	0
26	0	17	0	13	0
27	0	14	3.1	9.3	0
28	0	14	5	11	0
29	0	12	4.2	5.1	0
30	0	6.6	0	8.5	0
31	0	---	0	11	---
S.F.	0	252.2	224.4	231.9	4.8
Mean	0	8.1	7.2	7.5	0.2
Max.	0	17	17	16	3.6
Min.	0	0	0	0	0
A.F.	0	500	445	460	10
Total 5 Months - 1420 A.F.					
Acreage reported D-763-1067					

GRAF CANAL from Blue Creek  
Measured through 3-foot Parshall flume  
SW1/4SE1/4 Sec. 19-16-42 W. near Lewellen  
Period of Record:  
July 1917 - September 1919, June 1921 - September 1925  
May 1927 - September 1927, May 1930 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	16	1.3	11
2	0	0	17	1	5
3	0	0	14	0.9	0
4	0	0	13	0.7	0
5	0	0	9.8	0	0
6	0	0	3.2	0	0
7	0	0	1	0	0
8	0	0	4.2	0	0
9	0	0	6.9	0	0
10	0	1.1	10	0	0
11	0	8.6	10	0	0
12	0	7.3	10	0	0
13	0	6.3	9.3	13	0
14	0	5	8.6	14	0
15	0	2	9.6	12	0
16	0	1	13	13	0
17	0	2.3	12	13	0
18	0	5.2	14	13	0
19	0	5.1	15	5	0
20	0	8.1	19	1.4	0
21	0	9	20	12	0
22	0	9.1	17	13	0
23	0	8.8	12	13	0
24	0	8.1	6	14	0
25	0	9.3	0.2	14	0
26	0	11	0	14	0
27	0	12	0	14	0
28	0	11	1.5	13	0
29	0	14	13	4.2	0
30	0	15	3.1	3.7	0
31	0	---	2	10	---
S.F.	0	159.3	290.4	213.2	16
Mean	0	5.1	9.4	6.9	0.5
Max.	0	15	20	14	11
Min.	0	0	0	0	0
A.F.	0	316	576	423	32
Total 5 Months - 1350 A.F.					
Acreage reported D-763R-50, D-788-756, Total-806					

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET  
SW1/4 Sec. 3-14-38 W.  
8.8 miles northeast of Hiway 30 in Ogallala on State Hiway 62  
Calendar Year Ending December 31, 1985

Date	ELEVATION (Feet)										CONTENT (Acre-feet)	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Top of Flood Pool	3277.5										2,197,800	
Top of Conservation Pool	3270.0										1,948,000	
Ooad Storage	3130.0										Negligible	
1	1589800	1584200	1575800	1587000	1612600	1649800	1624000	1450500	1367000	1416200	1485100	1506700
2	1589800	1584200	1573000	1589800	1612600	1649800	1618400	1447800	1364500	1418800	1485100	1506700
3	1587000	1584200	1573000	1589800	1615500	1649800	1612600	1445200	1362000	1424000	1487800	1506700
4	1584200	1587000	1570200	1589800	1615500	1652700	1607000	1445200	1362000	1429300	1487800	1509400
5	1581400	1587000	1567400	1589800	1618400	1652700	1601200	1442600	1359500	1429300	1490500	1509400
6	1581400	1587000	1561800	1589800	1618400	1655600	1595600	1442600	1359500	1432000	1493200	1509400
7	1578600	1587000	1559000	1589800	1621200	1658500	1587000	1439900	1357000	1432000	1495900	1512100
8	1575800	1584200	1559000	1589800	1621200	1658500	1581400	1442600	1357000	1434600	1495900	1512100
9	1573000	1584200	1561800	1589800	1621200	1661400	1573000	1442600	1354500	1434600	1498600	1514800
10	1570200	1584200	1561800	1589800	1621200	1664300	1564600	1439900	1354500	1437200	1501300	1517500
11	1570200	1581400	1564600	1589800	1624000	1667200	1556200	1437200	1354500	1437200	1501300	1517500
12	1567400	1581400	1564600	1589800	1624000	1667200	1550600	1434600	1357000	1439900	1504000	1520200
13	1567400	1578600	1567400	1589800	1626900	1667200	1539400	1434600	1359500	1442600	1504000	1522900
14	1564600	1578600	1567400	1589800	1629800	1670100	1531000	1432000	1362000	1445200	1506700	1522900
15	1564600	1575800	1564600	1592700	1632600	1670100	1522900	1429300	1364500	1447800	1506700	1522900
16	1564600	1575800	1564600	1592700	1632600	1670100	1514800	1426600	1367000	1450500	1509400	1525600
17	1561800	1575800	1567400	1595600	1635400	1670100	1509400	1424000	1372000	1453200	1509400	1525600
18	1561800	1578600	1567400	1598400	1638300	1670100	1501300	1421400	1377200	1458400	1512100	1525600
19	1561800	1581400	1570200	1598400	1638300	1670100	1495900	1416200	1382400	1458400	1512100	1528300
20	1561800	1581400	1570200	1601200	1638300	1667200	1490500	1411000	1385000	1461100	1512100	1531000
21	1561800	1581400	1573000	1601200	1638300	1667200	1485100	1408400	1385000	1463800	1512100	1533900
22	1561800	1578600	1573000	1604100	1641200	1661400	1479700	1405800	1387600	1466400	1509400	1536600
23	1564600	1578600	1575800	1604100	1644000	1658500	1474400	1400600	1390200	1466400	1509400	1539400
24	1567400	1578600	1575800	1607000	1644000	1652700	1474400	1395400	1395400	1469000	1509400	1539400
25	1570200	1578600	1578600	1607000	1644000	1649800	1471700	1392800	1398000	1469000	1506700	1542200
26	1573000	1578600	1578600	1607000	1646900	1646900	1466400	1387600	1400600	1471700	1506700	1542200
27	1575800	1578600	1581400	1609800	1646900	1641200	1463800	1385000	1403200	1471700	1509400	1545000
28	1578600	1578600	1581400	1609800	1646900	1635400	1461100	1379800	1405800	1474400	1509400	1545000
29	1581400	-----	1584200	1609800	1649800	1629800	1458400	1377200	1408400	1477000	1509400	1547900
30	1581400	-----	1584200	1612600	1649800	1626900	1455800	1372000	1413600	1479700	1509400	1547900
31	1581400	-----	1587000	-----	1649800	-----	1453200	1369500	-----	1482400	-----	1547900

NORTH PLATTE RIVER BASIN

SUTHERLAND CANAL from North Platte River for Storage and Power  
 Measured through concrete lined section of canal--NW1/4NW1/4 Sec. 7-14-17 W.  
 near Keystone. Period of Record: October 1936 - December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1280	820	1030	1700	498	380	1710	1480	1620	536	532	852
2	1220	793	1040	1700	443	386	1700	1480	1620	525	532	678
3	1210	773	1050	1700	446	449	1710	1380	1620	754	532	667
4	1210	811	1060	1720	429	504	1720	1300	1530	836	536	646
5	1210	820	1060	1590	420	434	1720	1230	1370	915	536	674
6	1210	818	1090	1470	402	381	1720	1110	1240	926	537	737
7	1220	804	1140	1440	402	380	1710	1030	1170	935	537	762
8	1220	789	1200	1390	400	377	1700	988	1070	949	539	766
9	1180	805	1310	1340	393	378	1710	946	964	955	544	777
10	1120	847	1420	1290	385	377	1710	924	901	912	630	778
11	1130	845	1520	1160	390	381	1710	921	845	831	744	656
12	1080	841	1550	1020	389	384	1710	926	738	740	863	659
13	962	841	1570	910	391	381	1700	1070	645	732	823	662
14	825	836	1560	847	378	384	1700	1190	642	728	924	658
15	825	829	1560	816	378	385	1700	1300	643	727	935	659
16	822	827	1560	784	376	387	1710	1360	613	723	930	662
17	845	829	1550	713	373	462	1710	1360	578	720	951	667
18	872	832	1530	682	371	643	1730	1420	578	718	980	693
19	881	888	1470	680	371	735	1730	1480	578	715	986	715
20	982	982	1480	669	363	885	1730	1450	585	708	973	711
21	969	1020	1520	677	367	1030	1730	1490	591	711	973	713
22	885	1030	1540	672	371	1160	1730	1520	592	716	976	713
23	868	1020	1540	667	375	1300	1740	1570	594	698	973	718
24	856	1020	1540	669	380	1430	1690	1600	594	674	969	730
25	856	1020	1600	677	382	1540	1650	1600	592	677	966	732
26	854	1030	1620	680	387	1630	1560	1610	594	685	969	728
27	850	1030	1630	674	393	1660	1500	1610	598	688	973	737
28	843	1030	1640	669	396	1660	1500	1600	600	651	966	742
29	850	---	1680	677	398	1700	1500	1620	598	605	966	742
30	854	---	1710	584	391	1710	1510	1620	685	536	928	744
31	840	---	1700	---	399	---	1500	1610	---	518	---	749
S.F.	30829	24830	44470	30267	12237	23893	51850	41795	25588	22744	24223	22127
Mean	994	856	1435	1009	395	796	1673	1348	853	734	807	714
Max.	1280	1030	1710	1720	498	1710	1740	1620	1620	955	986	852
Min.	822	773	1030	584	363	377	1500	921	578	518	532	646
A.F.	61150	49250	88200	60030	24270	47390	102840	82900	50750	45110	48050	43890
Total 12 Months	---	---	---	---	---	---	---	---	---	---	---	---

KEITH-LINCOLN COUNTY CANAL from North Platte River  
 Measured through 10-foot Farshall flume  
 NE1/4SE1/4 Sec. 18-14-36 W. near Paxton  
 Period of Record: June 1918 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	28	53	7.6	84	65
2	0	28	53	94	79	66
3	0	27	51	91	70	66
4	0	28	51	87	73	65
5	0	43	53	86	85	62
6	0	52	53	86	86	62
7	0	50	52	99	85	63
8	0	44	51	105	84	61
9	0	40	51	105	75	62
10	0	39	27	117	71	63
11	0	38	0	110	74	63
12	0	38	0	108	88	64
13	0	39	0	105	86	61
14	0	38	19	96	90	32
15	0	38	73	96	90	58
16	0	38	78	96	88	61
17	0	38	78	96	82	34
18	19	40	78	94	82	42
19	26	40	80	92	88	54
20	26	38	79	92	88	53
21	26	38	86	92	85	53
22	28	37	80	92	81	41
23	32	37	97	77	81	45
24	32	36	83	91	78	43
25	32	36	58	56	73	31
26	30	36	80	66	73	30
27	30	39	96	90	67	29
28	30	46	96	90	45	7.2
29	30	47	101	90	65	0
30	30	30	43	90	66	0
31	---	53	---	85	65	---
S.F.	371	1199	1800	2781.	2427	1436.
Mean	12	39	60	90	78	48
Max.	32	53	101	117	90	66
Min.	0	27	0	7.6	45	0
A.F.	740	2380	3570	5520	4810	2850
Total 6 Months	---	---	---	---	---	---
Acreeage Reported	D-722R-5541					

SHERIDAN-WILSON CANAL from Sarben Slough  
 Measured in section of canal  
 SW1/4NE1/4 Sec. 20-14-35 W. near Paxton  
 Period of Record:  
 October 1937 - September 1943, May 1945 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	6.7	5.2
2	0	0	0	0	6.7	5.2
3	0	0	0	1.1	6.7	5.2
4	0	0	0	2.2	5.5	5.2
5	0	0	0	3.3	5.5	5.2
6	0	0	0	4.4	5.5	5.2
7	0	0	0	5.5	4.8	5.2
8	0	0	0	6.6	4.8	5.2
9	0	0	0	7.7	5	5.2
10	0	0	0	8.8	4.5	5.5
11	0	0	0	8.7	4.6	5.2
12	0	0	0	7.6	4.6	5.5
13	0	0	0	7.2	5.2	6.9
14	0	0	0	6.6	5.5	7
15	0	0	0	6.1	6.1	7.2
16	0	0	0	5.5	6.9	7.2
17	0	0	0	5	7.2	7.2
18	0	0	0	5.2	6.9	7.2
19	0	0	0	5.2	7.5	7.2
20	0	0	0	6.7	8.8	7.2
21	0	0	0	6.1	8.8	7.2
22	0	0	0	5	8.8	7.2
23	0	0	0	6.7	8.8	6.1
24	0	0	0	4.3	8.8	6.1
25	0	0	0	4.3	8.8	6.1
26	0	0	0	4.5	7.2	6.1
27	0	0	0	6.7	5.8	6.1
28	0	0	0	7.2	5.8	5.8
29	0	0	0	6.7	5.8	5.5
30	0.34	0	0	6.7	5.8	5.5
31	---	0	---	7.2	5.8	---
S.F.	0.34	0	0	168.8	199.2	181.8
Mean	0	0	0	5.4	6.4	5.9
Max.	0.34	0	0	8.8	8.8	7.2
Min.	0	0	0	0	4.5	0
A.F.	1	0	0	335	395	361
Total 6 Months	---	---	---	---	---	---
Acreeage reported	D-710R-216					

**NORTH PLATTE CANAL** from North Platte River  
Measured through 15-foot Parshall flume  
NE1/4SE1/4 Sec. 13-14-35 W. near Sutherland  
Period of Record: June 1918 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	142	118	311	162	157
2	0	133	119	282	140	171
3	0	128	50	273	126	171
4	0	129	0	278	148	185
5	0	130	0	265	178	197
6	11	124	28	292	223	194
7	2.8	125	113	304	252	182
8	78	123	126	311	175	153
9	78	122	128	320	191	140
10	74	120	133	318	182	147
11	80	128	175	321	194	143
12	100	134	181	314	235	133
13	103	136	178	309	265	107
14	103	140	181	304	283	82
15	109	135	185	287	302	78
16	131	125	183	297	287	80
17	138	107	163	285	262	47
18	144	106	163	300	255	0
19	155	106	177	304	243	0
20	164	107	192	288	225	0
21	164	107	210	268	230	0
22	163	107	230	257	222	0
23	163	104	287	243	195	0
24	152	103	311	155	175	0
25	153	115	318	156	171	0
26	155	128	314	173	175	0
27	151	126	318	173	185	0
28	144	125	313	182	166	0
29	144	124	316	177	148	0
30	149	122	316	168	142	0
31	---	118	---	177	145	---
S.F. 3008.	3779	5526	8092	6282	2367	
Mean	97	122	184	261	203	79
Max.	164	142	318	321	302	197
Min.	0	103	0	155	126	0
A.F. 5970	7500	10960	16050	12460	4690	
Total 6 Months	-57630	A.F.				
Acreage reported	D-635-13508					

**PAXTON-HERSHEY CANAL** from North Platte River  
Measured through 10-foot Parshall flume  
SW1/4NW1/4 Sec. 18-14-33 W. near Sutherland  
Period of Record:  
May 1916 - August 1916, June 1918 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	37	27	107	67	69
2	0	17	0	104	70	79
3	0	17	0	104	58	78
4	0	22	0	100	71	69
5	0	37	0	110	67	58
6	0	29	5.3	114	76	51
7	0	30	33	114	91	40
8	0	32	39	115	64	44
9	0	34	61	119	67	56
10	0	30	79	119	38	61
11	0	39	79	117	70	48
12	0	56	71	118	72	43
13	0	46	71	115	71	36
14	0	29	72	108	103	32
15	0	38	46	105	123	18
16	0	30	56	101	118	32
17	0	33	68	107	109	18
18	0	55	73	104	108	8.7
19	0	53	81	106	108	9.1
20	0	46	84	96	106	8.4
21	0	45	96	86	103	8.7
22	8	39	99	100	98	8.7
23	14	39	104	104	96	9.1
24	39	48	111	91	95	8.4
25	49	47	110	77	94	7.3
26	48	41	108	70	92	8
27	19	45	107	69	92	7.3
28	13	46	112	77	91	4.8
29	30	41	112	89	84	4.6
30	58	43	108	75	79	2.7
31	---	41	---	64	74	---
S.F. 278	1185	2012.	3085	2655	927.8	
Mean	9	38	67	100	86	31
Max.	58	56	112	119	123	79
Min.	0	17	0	64	38	2.7
A.F. 550	2350	3990	6120	5270	1840	
Total 6 Months	-20120	A.F.				
Acreage reported	D-653-7323					

**BIRDWOOD CANAL** from Birdwood Creek  
Measured through 8-foot metal flume  
SE1/4SW1/4 Sec. 35-15-33 W. near Hershey  
Period of Record: May 1921 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	32	11	14
2	0	0	30	10	13
3	0	0	30	9.8	13
4	0	0	30	8.6	12
5	0	0	32	21	17
6	0	0	33	27	15
7	0	0	34	30	16
8	0	0	34	31	17
9	0	0	35	32	19
10	0	0	36	33	17
11	0	8.4	33	35	14
12	0	25	34	34	5.7
13	0	29	34	34	6.7
14	0	30	35	36	3
15	0	0.9	37	37	1.5
16	0	3.8	38	38	12
17	0	14	38	39	4.6
18	0	21	40	39	1.5
19	0	21	40	39	0
20	0	27	38	40	0
21	0	29	38	38	0
22	0	24	38	22	0
23	0	28	35	13	0
24	0	36	17	5.9	0
25	0	36	20	4.2	0
26	0	33	18	3.7	0
27	0	31	20	3.9	0
28	0	33	22	7.9	0
29	0	34	24	9.8	0
30	0	37	22	11	0
31	0	---	14	12	---
S.F. 501.1	961	715.8	202		
Mean	0	17	31	23	7
Max.	0	37	40	40	19
Min.	0	0	14	3.7	0
A.F. 0	990	1910	1420	400	
Total 5 Months	-4720	A.F.			
Acreage reported	D-646-5351				

**SUBURBAN CANAL** from North Platte River  
Measured through 12-foot Parshall flume  
NE1/4SE1/4 Sec. 12-14-33 W. near Hershey  
Period of Record:  
August 1919 - September 1919, July 1921 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	42	52	104	70	69
2	0	49	52	102	70	68
3	0	50	54	102	67	66
4	0	49	52	112	72	67
5	0	49	47	113	77	68
6	0	48	49	107	71	67
7	0	48	52	101	79	66
8	0	48	63	100	99	64
9	0	48	72	102	65	64
10	0	52	73	102	51	68
11	0	58	74	103	41	67
12	0	53	73	104	58	40
13	0	51	72	104	72	4.6
14	0	55	73	109	73	0
15	0	49	72	116	78	0
16	0.2	42	70	117	74	0
17	7.6	28	66	108	76	0
18	8.3	3.3	67	99	78	0
19	6.1	15	69	100	77	0
20	5.4	54	69	86	78	0
21	0	55	71	72	76	0
22	0	55	70	72	76	0
23	0	55	83	74	78	0
24	0	56	97	86	72	0
25	0	57	104	74	72	0
26	3.4	55	97	82	71	0
27	0	56	94	70	70	0
28	1.9	57	104	82	74	0
29	7.6	57	104	79	71	0
30	33	57	105	84	71	0
31	---	55	---	70	69	---
S.F. 73.5	1506.	2200	2936	2226	778.6	
Mean	2	49	73	95	72	26
Max.	33	58	105	117	99	69
Min.	0	3.3	47	70	41	0
A.F. 150	2990	4360	5820	4420	1540	
Total 6 Months	-19280	A.F.				
Acreage reported	D-662-5423					

NORTH PLATTE RIVER BASIN

CODY-DILLON CANAL from North Platte River  
 Measured in section of canal  
 SE1/4NE1/4 Sec. 9-14-31 W. near North Platte  
 Period of Record:  
 August 1919 - September 1919, May 1921 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	3	4.5	30	18	20
2	0	3.5	4.2	22	16	20
3	0	3.7	3.5	16	15	18
4	0	4.2	0.4	20	10	13
5	0	4.7	0	34	11	11
6	0	4.7	0	44	7.9	8.7
7	0	4.2	2.6	45	7.1	22
8	0	5.2	6.8	43	12	20
9	0	2.8	6.3	41	9.6	15
10	0	0	7.6	42	8.7	12
11	0	0	12	42	7.1	13
12	0	2.8	21	43	9.6	17
13	0	2.4	22	41	6.3	13
14	0	3.7	20	37	7.3	8.2
15	0	4.7	15	36	7.6	6
16	0	4.7	20	35	8.2	6.3
17	0	4.7	23	43	16	6
18	0	4.7	37	44	29	4
19	0	4.5	51	46	42	2.6
20	0	4.5	43	55	33	2.8
21	0	4.2	35	45	34	5.2
22	0	3.7	26	34	36	6.5
23	0	3	6.3	26	51	2.2
24	0	3	11	37	48	0
25	0	2.8	22	27	43	0
26	0	2.1	44	19	32	0
27	0	2.1	30	21	19	0
28	1	2.7	25	20	25	0
29	2.8	4.2	24	21	11	0
30	2.6	6	26	19	7.9	0
31	2.6	6	---	22	9.6	---
S.F.	9	112.5	549.2	1050	597.9	252.5
Mean	0	4	18	34	19	8
Max.	2.8	6	51	55	51	22
Min.	0	0	0	16	6.3	0
A.F.	20	220	1090	2080	1190	500
Total 6 Months	- 5100 A.F.					
Acreage reported	D-649-4173					

LINCOLN COUNTY DRAIN NO. 1 NEAR NORTH PLATTE

NE1/4NE1/4 Sec. 30-14-30 W.  
 Period of Record: March 1931 - September 1932, April 1955 - December 1985

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1985, 205 Cubic Feet per Second at 2215 on July 30, 1985 at a Gage Height of 2.51 Feet.  
 Minimum Daily Discharge, 27 Cubic Feet per Second on April 6, 7, 1985.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	36	35	37	30	90	91	102	170	138	66	47	36
2	36	35	36	30	76	92	95	150	149	64	47	38
3	37	35	37	29	66	96	83	142	140	63	47	37
4	36	35	36	29	60	64	100	133	132	62	46	37
5	36	34	35	28	64	60	98	119	143	62	48	36
6	36	34	35	27	75	57	92	102	150	62	46	36
7	35	34	35	27	78	65	117	99	157	62	46	37
8	35	35	35	39	75	81	107	119	161	62	46	37
9	35	36	35	59	76	78	105	122	153	61	46	37
10	35	37	35	55	81	73	102	123	169	60	44	37
11	34	38	35	50	88	75	102	122	175	60	44	37
12	34	38	33	56	92	86	98	108	169	58	44	36
13	34	38	33	66	94	92	94	89	172	57	42	37
14	34	36	30	64	98	94	113	108	135	57	41	37
15	34	36	30	62	81	107	117	123	123	56	41	38
16	34	36	29	61	74	121	128	144	119	55	39	37
17	34	36	29	66	73	99	110	131	117	55	39	37
18	34	36	29	66	72	91	100	131	97	55	38	37
19	34	37	29	63	71	91	121	154	88	55	38	37
20	35	40	29	76	69	104	135	136	84	53	38	37
21	35	44	29	76	68	91	150	135	84	52	38	36
22	36	43	29	83	65	84	154	136	81	51	38	37
23	36	41	29	84	64	82	142	170	79	50	38	37
24	36	40	29	78	63	86	156	179	76	50	38	37
25	36	39	29	87	65	98	139	187	74	48	39	37
26	36	39	29	99	69	97	135	178	69	48	38	37
27	35	38	29	99	71	101	132	169	66	47	38	37
28	34	38	29	89	72	83	131	163	65	47	38	37
29	35	---	29	81	68	80	134	153	66	47	37	37
30	34	---	29	85	66	95	156	144	66	47	38	36
31	35	---	29	---	68	---	182	143	---	48	---	34
S.F.	1086	1043	981	1844	2292	2614	3730	4282	3497	1720	1247	1140
Mean	35	37	32	61	74	87	120	138	117	55	42	37
Max.	37	44	37	99	98	121	182	187	175	66	48	38
Min.	34	34	29	27	60	57	83	89	65	47	37	34
A.F.	2150	2070	1950	3660	4550	5180	7400	8490	6940	3410	2470	2260
Total 12 Months	-50530 A.F.											

OLIVER RESERVOIR STORAGE IN ACRE-FEET

From Lodgepole Creek--SE1/4SE1/4 Sec. 36-15-57 W.  
near Kimball.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	4810.0	4690
Top of conservation pool	4804.0	2680
Top of dead storage pool	4784.0	50

Year ending December 31, 1985  
Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 18, 1984	2734
January 7, 1985	2734
February 20, 1985	2751
March 5, 1985	2734
April 16, 1985	2751
May 24, 1985	2712
June 24, 1985	2591
July 22, 1985	2371
August 5, 1985	2249
October 29, 1985	1973
December 6, 1985	2086

Application No. 15524, Plan No. 13432

LODGEPOLE CREEK BELOW OLIVER RESERVOIR  
NEAR KIMBALL--NW1/4SE1/4 Sec. 36-15-57 W.  
Period of Record: May 1981 - December 1985

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1985, 26 Cubic Feet per Second at 1800 on April 19, 1985 at a Gage Height of 1.54 Feet.  
Minimum Daily Discharge, 0.42 Cubic Feet per Second on July 8-12, October 29 30, November 2, 3, 1985.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.1	8.8	16	15	19	1.2	0.54	1.3	1	0.54	0.48	0.54
2	7.5	8.5	17	15	17	1.8	0.54	1.4	1.1	0.48	0.42	0.54
3	7.6	8.4	18	13	15	1.8	0.48	1.5	1.2	0.48	0.42	0.54
4	7.6	8.4	15	11	14	2	0.48	1.6	1.2	0.48	0.48	0.54
5	7.8	8.1	14	11	12	2	0.48	1.4	1.2	0.48	0.48	0.54
6	8.1	7.9	15	12	11	2.4	0.48	1.3	1.2	0.67	0.54	0.54
7	7.9	8.4	17	12	11	2.2	0.48	1.2	1.2	0.92	0.54	0.6
8	8.7	8.2	18	12	10	1.8	0.42	1.2	1	0.92	0.54	0.6
9	9.2	8.4	18	13	9.6	1.2	0.42	1.2	1	0.92	0.54	0.6
10	8.7	8.4	18	13	9.5	1.5	0.42	1.2	1	0.92	0.54	0.6
11	8.7	8.4	18	14	9.2	0.92	0.42	1.3	1.2	1.1	0.54	0.71
12	8.1	8.2	18	14	7.4	0.68	0.42	1.3	1.1	1	0.54	0.66
13	8.2	8.4	18	14	11	0.68	0.83	1.2	1.1	1	0.54	0.54
14	8.2	8.5	17	14	9.8	0.6	1.4	1.2	1	1	0.54	0.54
15	8.5	8.7	17	14	9.5	0.6	1.4	1.1	1	0.91	0.54	0.54
16	8.7	10	16	14	8.7	0.6	1.2	1	1	0.68	0.54	0.54
17	8.5	10	16	14	8.4	0.54	1.2	1	1.1	0.6	0.54	0.54
18	9.2	11	16	14	8.5	0.54	1.2	1.1	1	0.6	0.54	0.54
19	9.5	11	16	18	8.8	0.54	1.3	1.1	1.1	0.54	0.54	0.54
20	8.2	12	16	21	8.4	0.54	1.2	1.1	1.1	0.54	0.54	0.54
21	8.2	14	15	20	8.1	0.72	1	1.1	0.84	0.48	0.54	0.54
22	8.8	15	17	18	7.2	0.54	0.93	1.2	0.84	0.54	0.54	0.54
23	8.8	15	14	18	6.7	0.54	1.2	1.2	0.84	0.6	0.54	0.54
24	8.8	15	14	16	6.1	0.54	1.2	1.2	0.84	0.54	0.54	0.54
25	8.8	14	14	15	5.7	0.54	1.3	1.2	0.84	0.54	0.54	0.54
26	9	14	15	17	4.9	0.6	1.3	1.1	0.84	0.48	0.54	0.54
27	9.2	15	14	18	4.5	0.6	1.5	1.1	0.84	0.48	0.54	0.54
28	9.6	15	14	18	4	0.54	1.6	1.1	0.84	0.42	0.54	0.54
29	10	---	13	18	3.6	0.54	1.6	0.92	0.68	0.42	0.54	0.54
30	9.3	---	14	21	6.3	0.54	1.6	0.92	0.68	0.42	0.54	0.54
31	8.8	---	15	---	1.4	---	1.6	0.92	---	0.48	---	0.54
S.F.	266.3	296.7	493	457	276.3	29.84	30.14	36.66	29.88	20.18	15.78	17.27
Mean	9	11	16	15	9	1	1	1	1	1	1	1
Max.	10	15	18	21	19	2.4	1.6	1.6	1.2	1.1	0.54	0.71
Min.	7.5	7.9	13	11	1.4	0.54	0.42	0.92	0.68	0.42	0.42	0.54
A.F.	530	590	980	910	550	60	60	70	60	40	30	30
Total 12 Months	- 3910 A.P.											

SOUTH PLATTE RIVER BASIN

WESTERN CANAL from South Platte River  
 Measured in section of canal  
 NE1/4SE1/4 Sec. 14-12-43 W. near Julesburg, CO  
 Period of Record: May 1918 - October 1985

Date	May	June	July	Aug.	Sept.	Oct.
1	0	139	61	61	66	208
2	0	103	56	63	82	234
3	0	96	54	88	99	272
4	0	96	54	159	109	307
5	0	112	50	177	122	290
6	0	109	47	200	132	215
7	112	93	41	272	227	173
8	264	142	43	234	234	138
9	255	277	50	196	208	0
10	238	290	47	185	149	0
11	234	298	45	116	129	0
12	185	334	41	61	129	0
13	219	339	40	56	122	0
14	230	230	38	52	119	0
15	264	142	40	54	126	0
16	285	109	40	52	126	0
17	311	103	38	47	136	0
18	320	34	40	50	136	0
19	324	4.1	41	50	129	0
20	285	65	63	52	103	0
21	294	139	63	50	93	0
22	311	119	116	52	93	0
23	311	103	234	52	99	0
24	311	88	384	54	116	0
25	290	79	234	52	149	0
26	260	71	215	54	155	0
27	230	68	211	50	162	0
28	230	63	208	45	170	0
29	219	63	74	41	185	0
30	211	61	38	41	192	0
31	189	---	61	47	---	0
S.F.	6382	3969.	2767	2763	4097	1837
Mean	206	132	89	89	137	59
Max.	324	339	384	272	234	307
Min.	0	4.1	38	41	66	0
A.F.	12660	7870	5490	5480	8130	3640
Total 6 Months	-43270 A.F.					
Acresage reported	A-393-11145, A-1804-800, A-4739-498, Total-12443					

SUTHERLAND (KORTY) CANAL for Power from South Platte River  
 Measured through 25-foot Parshall flume--SE1/4 Sec. 8-13-36 W.  
 Near Paxton. Period of Record: October 1947 - December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	301	160	453	181	415	1130	0	256	0	600	475	315
2	329	146	514	177	354	1140	0	240	0	628	472	232
3	339	144	459	164	532	1150	0	230	0	683	464	260
4	332	139	426	172	703	1130	0	317	0	761	483	220
5	332	130	327	177	784	1040	0	559	0	784	472	199
6	324	148	379	166	877	1060	0	579	0	835	459	230
7	329	157	464	216	966	1100	0	445	0	808	469	285
8	327	162	506	272	1030	1110	0	315	0	716	442	332
9	339	203	506	276	1110	1130	0	203	0	664	397	349
10	334	201	456	251	1120	1110	0	130	0	670	260	362
11	329	258	354	294	1070	1040	0	92	154	661	372	364
12	222	337	267	294	988	1130	0	58	346	673	426	369
13	201	281	267	247	981	1130	0	50	415	637	424	365
14	162	344	263	212	936	1110	0	36	437	609	469	364
15	207	378	315	177	916	1170	0	17	415	603	498	365
16	265	391	359	158	947	1160	0	4	488	612	550	392
17	308	365	359	137	999	1130	0	0	526	624	585	418
18	334	442	369	124	1080	947	0	0	526	597	559	418
19	298	478	372	136	1110	667	0	0	567	618	359	410
20	127	500	354	110	1120	456	0	0	526	628	142	434
21	158	498	334	94	1150	305	0	0	480	670	181	429
22	157	480	324	92	1130	183	0	0	492	655	236	478
23	141	492	301	90	1120	108	0	0	582	624	242	517
24	127	464	265	84	1110	69	0	0	544	624	265	541
25	173	346	254	77	1140	45	77	0	579	634	272	570
26	258	512	234	106	1160	12	384	0	529	600	364	585
27	320	512	228	117	1150	0	486	0	544	591	492	612
28	322	478	212	110	1150	0	346	0	517	579	483	570
29	322	----	199	148	1140	0	263	0	562	541	500	418
30	216	----	181	315	1130	0	320	0	585	512	418	415
31	137	----	181	-----	1060	-----	260	0	-----	495	-----	450
S.F.	8070	9146	10482	5174	30478	21762	2136	3531	9814	19936	12230	12268
Mean	260	315	338	172	983	725	69	114	327	643	408	396
Max.	339	512	514	315	1160	1170	486	579	585	835	585	612
Min.	127	130	181	77	354	0	0	0	0	495	142	199
A.F.	16010	18140	20790	10260	60450	43160	4240	7000	19470	39540	24260	24330
Total 12 Months	-287650 A.F.											







PLATTE RIVER BASIN

CONFLUENCE OF THE NORTH AND SOUTH PLATTE RIVERS NEAR NORTH PLATTE  
 Period of Record: October 1949 - December 1985

The values listed are the sum of the discharges of the North and South Platte Rivers, the Sutherland Power Return and Fremont Slough measured at the North Platte, Nebraska gaging stations.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3845	2902	4721	2464	1307	2674	2668	2630	2103	1678	1873	1732
2	3885	2902	4757	2443	1261	2552	2792	2441	1992	1835	1703	1772
3	3645	2707	4872	2352	1606	2323	2494	2351	1926	1929	1708	1962
4	3675	2662	4452	2322	1851	2280	2608	2004	1691	2002	1540	2002
5	3630	2313	4507	2390	1724	2139	2981	1718	1467	1991	1686	2092
6	3751	2408	4817	2236	1722	1964	3331	1653	1476	2006	1691	2182
7	3740	2388	5027	2077	1900	1865	3522	1630	1458	2002	1702	2142
8	3760	2218	5132	1992	1973	1825	3580	1886	1345	2227	1678	2232
9	3775	2278	4978	1953	1964	1846	3711	1889	1326	2170	1678	2272
10	3796	2373	4956	2039	1851	2125	3891	1819	1456	2196	1667	2352
11	3818	2369	4952	1969	2017	2520	4021	1786	1522	2241	1670	2433
12	3383	2414	4901	1829	2253	2687	4091	1893	1638	2295	1707	2228
13	3486	2569	4875	1712	2300	2728	3961	1828	1713	2290	1759	2023
14	3606	2844	4664	1639	2697	2910	3861	1969	1555	1813	1832	2073
15	3636	3119	4297	1513	2710	2938	3850	2182	1515	1535	1856	1808
16	3490	3519	3997	1373	2443	2569	3882	2404	1448	1547	1840	1868
17	3225	3814	3477	1331	2498	2158	3854	2514	1495	1524	1841	1913
18	3000	4115	2945	1341	2374	1860	3707	2577	1435	1649	1851	1953
19	2776	4415	2699	1325	2663	1710	3588	2616	1347	1774	1798	1978
20	2526	4410	2688	1239	2537	1666	3419	2603	1305	1767	1782	1963
21	3191	4515	2633	1202	2536	1584	3416	2709	1346	1818	1629	2008
22	3311	4635	2703	1202	2445	1606	3123	2620	1364	1793	1544	1998
23	3411	4985	2739	1175	2589	1853	2962	2843	1367	1760	1583	2063
24	3361	4536	2717	1082	2764	2258	3039	2962	1361	1610	1598	2083
25	3517	4521	2744	1141	2713	2770	2790	2929	1364	1583	1533	2079
26	3377	4406	2962	1275	2578	3128	2795	2858	1602	1653	1503	2089
27	3222	4306	2566	1299	2468	2843	2443	2914	1621	1754	1413	2099
28	3152	4406	2566	1232	2422	2636	2258	3013	1386	1713	1338	2074
29	3102	-----	2486	1236	2418	2549	2234	2921	1463	1702	1358	2074
30	3152	-----	2404	1293	2527	2553	2511	2573	1611	1675	1527	2069
31	3027	-----	2403	-----	2568	-----	2618	2267	-----	1666	-----	2094
S.F.	106271	95049	116637	49676	69879	69119	99801	73002	45698	56998	49888	63710
Mean	3428	3278	3762	1656	2254	2304	3219	2355	1523	1839	1663	2055
Max.	3885	4585	5132	2464	2764	3128	4091	3013	2103	2295	1873	2433
Min.	2526	2218	2403	1082	1261	1584	2234	1630	1305	1524	1338	1732
A.F.	210790	188530	231350	98530	138600	137100	197950	144800	90640	113050	98950	126370
Total 12 Months	- 1776660 A.F.											

WHITE HORSE CREEK  
 near North Platte--SW1/4 Sec. 5-13-29 W.  
 Period of Record: January 1922 - September 1942  
 May 1960 - September 1961, May 1963 - September 1985

Date	May	June	July	Aug.	Sept.
1	45	15	6.2	10	8.2
2	35	15	5.3	8.2	9
3	27	14	6.2	8.2	9.7
4	61	10	6.2	8.2	10
5	95	8.2	3.6	8.2	12
6	72	14	2.8	8.2	12
7	42	10	2.8	8.2	11
8	27	9.6	1.9	9.2	11
9	23	9.2	4	8.7	11
10	23	8.7	2.3	8.7	16
11	30	7.2	2.3	7.7	20
12	37	8.7	3.2	7.7	21
13	38	7.2	3.2	6.7	21
14	76	7.7	3.2	7.7	22
15	67	7.7	3.2	6.7	23
16	58	7.7	3.2	6.7	18
17	42	7.7	4	6.7	18
18	32	7.7	4	6.7	15
19	21	7.7	3.2	6.7	14
20	19	6.7	3.2	6.7	14
21	19	6.7	5.8	4.7	16
22	19	5.8	5.8	6.7	18
23	19	4.9	5.8	8.7	20
24	103	4.9	9.2	9.7	19
25	17	5.8	9.2	9.7	17
26	17	6.2	8.2	9.2	17
27	17	6.2	8.2	8.7	15
28	17	6.2	7.2	8.7	15
29	17	6.2	8.2	8.7	16
30	16	6.2	11	8.7	14
31	15	---	10	8.7	---
S.F.	1146	248.8	162.6	250	462.9
Mean	37	8	5.2	8.1	14.9
Max.	103	15	11	10	23
Min.	15	4.9	1.9	6.7	8.2
A.F.	2273	493	323	496	918
Total 5 Months	- 4500 A.P.				

PLATTE RIVER BASIN

TRI-COUNTY CANAL from Platte River for Power and Irrigation  
 Measured through 30-foot Parshall flume-MW1/4 Sec. 28-13-29 W.  
 near North Platte. Period of Record: October 1941 - December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	268	1377	2085	2066	1276	2154	2190	2091	1727	1678	1664	1140
2	206	1090	2085	2084	1190	2168	2162	2049	1719	1725	1854	1198
3	982	1030	2096	2077	1428	2161	1905	2092	1689	1830	1687	1303
4	1557	654	1346	2062	1644	2114	1863	1928	1549	1864	1487	1359
5	1837	709	702	2069	1689	2062	2067	1588	1325	1891	1578	1410
6	1892	743	1855	2046	1599	1880	2184	1474	1343	1902	1538	1590
7	1956	808	1931	1994	1743	1745	2174	1436	1305	1913	1524	1599
8	1882	800	1652	1920	1810	1657	2185	1634	1236	2204	1538	1681
9	1024	904	2091	1861	1833	1706	2183	1734	1204	2204	1588	1810
10	1029	1329	2093	1903	1771	1850	2200	1644	1338	2166	1572	1743
11	848	1544	1721	1876	1753	2139	2212	1579	1427	2119	1593	1618
12	332	1372	1525	1753	2074	2170	2210	1670	1562	2241	1615	1658
13	562	1496	1482	1632	2066	2179	2185	1560	1642	2226	1655	1607
14	659	1708	1464	1558	2174	2195	2175	1531	1486	1954	1770	1405
15	662	1847	1558	1467	2142	2189	2187	1547	1379	1468	1824	1145
16	760	1885	2064	1290	2094	2163	2191	1699	1352	1488	1828	1196
17	986	1791	2113	1233	2133	2162	2206	1920	1416	1469	1836	1426
18	1527	1888	1934	1229	2153	1948	2203	1937	1328	1554	1875	1254
19	1584	1936	1816	1242	2174	1657	2193	1978	1281	1704	1870	1656
20	545	1994	1882	1241	2163	1586	2199	2057	1278	1692	1778	1778
21	740	2071	1887	1177	2175	1534	2193	2114	1240	1632	1897	1839
22	910	2084	1867	1176	2158	1496	2191	2155	1275	1651	1414	1711
23	1027	2084	1834	1175	2178	1693	2194	2204	1304	1803	1237	1834
24	1231	2078	1886	1029	2180	1978	2197	2142	1288	1538	1176	1830
25	1760	2087	1866	1008	2178	2171	2179	2166	1241	1500	1118	1770
26	1848	2082	1902	1256	2162	2167	2201	2158	1395	1541	1175	1770
27	1824	2100	1920	1360	2178	2161	2003	2197	1495	1596	1114	1868
28	1795	2090	1948	1206	2169	2172	1782	2178	1316	1588	1047	1910
29	1914	-----	2096	1166	2159	2170	1638	2167	1384	1621	1086	1801
30	1700	-----	2079	1267	2164	2186	1970	2160	1506	1610	1141	1837
31	1090	-----	2064	-----	2171	-----	2121	1833	-----	1604	-----	1840
S.F.36937	43581	56844	46423	60781	59613	65743	58622	42030	54976	46079	49586	
Max	1192	1556	1834	1547	1961	1987	2121	1891	1401	1773	1536	1600
Max	1956	2100	2113	2084	2180	2195	2212	2204	1727	2241	1897	1910
Min	206	654	702	1008	1190	1496	1638	1436	1204	1468	1047	1140
A.F.73260	86440	112750	92800	120560	118240	130400	116280	83370	109040	91400	98350	
Total 12 Months--	1232170	A.F.										
Acreeage Reported	A-2355-89642,	A-1853R-5251,	A-1976R-1320,	A-2077R-26,	(Storage							
only)-A-3620-952,	A-3823-804,	A-4656-1496,	A-52778-5048,	A-7716-800,	A-9673-14230.							
Total-119569												

PLATTE RIVER  
 PASSING TRI-COUNTY DIVERSION DAM  
 near North Platte--Sec. 10-13-29 W.  
 Period of Record:  
 May 1958 - September 1966, May 1969 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	463	450	644	386
2	83	399	490	484	314
3	166	298	514	370	335
4	174	227	514	273	346
5	185	218	788	259	335
6	210	210	1030	254	278
7	263	197	1320	249	278
8	263	185	1390	231	245
9	254	182	1490	210	236
10	240	185	1640	218	249
11	300	258	1700	231	227
12	402	381	1690	236	240
13	495	444	1610	308	240
14	826	644	1480	418	231
15	810	764	1470	578	231
16	484	412	1530	788	214
17	387	163	1510	717	201
18	370	136	1420	810	201
19	450	136	1250	788	205
20	424	136	1240	595	214
21	463	132	1250	687	214
22	437	129	1080	484	214
23	545	120	978	818	218
24	780	209	995	970	218
25	788	452	810	904	218
26	612	970	818	687	210
27	470	857	562	702	210
28	424	450	514	702	210
29	418	375	658	748	210
30	450	370	658	463	201
31	437	-----	630	450	-----
S.F.12610	10102	33479	16276	7329	
Mean	407	337	1080	525	244
Max.	826	970	1700	970	386
Min.	0	120	450	210	201
A.F.25010	20040	66400	32280	14540	
Total 5 Months--	158270	A.F.			



PLATTE RIVER BASIN

ELWOOD RESERVOIR STORAGE IN ACRE-FEET

NW1/4NW1/4 Sec. 32-8-22 W. near Elwood

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre--Feet)
Top of flood pool	2613.0	45037
Top of conservation pool	2607.0	37800
Minimum normal operating level	2578.0	13085
Top of dead storage pool	2568.8	8295

\*Note that prior to 1984, storage values published in the Hydrographic Report were for storage above the minimum normal operating level. Add 13085 acre-feet to values listed in pre-1984 reports before comparing to values in this report.

Year Ending December 31, 1985  
Period of Record: October 1978 - December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	19557	17465	15651	13819	19454	25023	26160	14089	7544	6425	15369	18151
2	19454	17367	15651	13729	19659	25136	26045	13909	7544	6646	15557	18151
3	19454	17367	15557	13729	19863	25248	25700	13729	7468	6867	15839	18053
4	19352	17269	15463	13639	20068	25474	25248	13729	7544	7090	16027	17955
5	19250	17173	15463	13549	20272	25587	24910	13639	7544	7468	16309	17955
6	19250	17173	15369	13549	20481	25700	24350	13549	7468	7770	16501	17857
7	19150	17077	15277	13461	20689	25930	23907	13639	7468	8079	16789	17857
8	19050	16981	15185	13549	20898	26045	23356	13549	7392	8465	16981	17759
9	19050	16981	15185	13819	21106	26160	22813	13461	7392	8779	17269	17661
10	18950	16885	15093	14089	21315	26276	22273	13373	7317	9094	17465	17661
11	18850	16885	15001	14359	21528	26391	21741	13373	7317	9412	17661	17563
12	18750	16789	15001	14633	21741	26506	21211	13285	7242	9734	17857	17563
13	18750	16693	14909	14909	21953	26621	20689	13108	7242	10057	18053	17465
14	18649	16597	14909	15185	22166	26736	20272	12756	7166	10386	18349	17367
15	18549	16597	14817	15463	22379	26851	19761	12409	7166	10633	18549	17367
16	18549	16501	14725	15745	22596	26968	19250	12065	7090	10963	18750	17269
17	18449	16405	14633	16027	22704	27086	18750	11637	7090	11300	18950	17173
18	18349	16405	14633	16215	22922	27203	18249	11300	7015	11637	19050	17173
19	18349	16309	14541	16501	23030	27320	17857	10880	6941	11892	18950	17077
20	18249	16215	14449	16789	23247	27438	17465	10468	6941	12237	18850	17077
21	18249	16215	14449	16981	23464	27320	17077	10057	6867	12496	18850	16981
22	18151	16121	14359	17269	23575	27203	16597	9734	6867	12756	18750	16981
23	18053	16027	14359	17465	23685	27086	16215	9412	6794	13020	18649	16885
24	18053	16027	14269	17661	23907	26968	16027	9015	6720	13285	18649	16789
25	17955	15933	14179	17955	24018	26851	15745	8700	6646	13549	18549	16789
26	17857	15839	14179	18249	24239	26736	15557	8310	6646	13819	18449	16693
27	17857	15839	14089	18449	24350	26621	15277	8002	6572	14089	18449	16597
28	17759	15745	13999	18750	24460	26506	15001	7694	6498	14359	18349	16597
29	17661	-----	13909	18950	24684	26391	14725	7694	6498	14633	18349	16501
30	17563	-----	13909	19250	24797	26276	14541	7694	6425	14817	18249	16405
31	17563	-----	13819	-----	24910	-----	14359	7619	-----	15093	-----	16405

Application No. 2374R, Plan No. 11921

JOHNSON RESERVOIR STORAGE IN ACRE-FEET

Combined storage in Johnson and Forebay Reservoirs.  
From Platte River--SW1/4NE1/4, Sec. 4-8-22 W. Near Lexington.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Normal operating level	2621.0	54,000
Low water level	2601.5	17,880

Year Ending December 31, 1985  
Period of published record: October 1977-December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	40760	40995	39350	42435	40760	42685	44935	45435	44435	39820	34595	40760
2	40760	40995	39585	42435	40055	42685	43935	45435	44435	39585	34815	40760
3	40055	40995	39820	41935	38645	42685	43685	45435	44435	39820	35035	40995
4	39350	40290	40055	42435	37705	42685	42935	45185	44935	40055	35255	40995
5	38880	39585	39820	42185	36575	42685	42185	45185	44685	39585	35255	40995
6	39350	39350	38410	41935	35255	42435	41465	44435	43935	38880	35915	40760
7	40290	39115	37470	41935	34595	42185	41230	43935	42685	38175	36135	40760
8	41935	39350	37940	41465	34595	41935	41230	43935	41700	37940	37235	40525
9	42185	39115	37235	40760	35035	41935	40995	43185	40525	37940	37940	40290
10	42185	39115	37235	40525	35255	41700	40290	42685	41465	37470	38410	40055
11	41465	39115	37705	40525	34815	42185	40525	43185	41465	37470	39115	39820
12	41230	39115	38410	40995	35475	41465	40995	43435	41700	37235	39820	40055
13	40995	39115	37705	41230	35695	41935	41230	42935	42185	37235	38645	40525
14	39585	39115	37470	41465	34815	41935	41230	42435	42185	36795	38175	40995
15	39350	39115	36795	41465	34155	42435	41465	41700	42185	36135	39585	41230
16	39115	39115	36575	41230	34595	42685	41935	40525	41935	35255	40760	41230
17	39350	39115	36795	40995	36355	42685	42685	40290	41700	35475	41935	40995
18	39115	39115	36795	41230	36355	43185	42935	40055	41230	36355	43435	40525
19	39115	38880	37470	41230	36135	43435	43435	40055	40995	36575	42935	40525
20	40290	38645	37470	41230	37235	43435	43935	40055	40995	36575	42935	40995
21	40290	38410	37470	41465	38410	43435	44185	39820	40995	36355	42685	41230
22	40290	38410	37470	41465	39820	42935	44935	39585	40995	35915	42435	41230
23	40055	38410	37705	41700	41230	42685	45185	39585	40760	35035	42185	41700
24	39820	39115	37940	41700	42185	42435	45185	39585	40760	34595	41700	41935
25	39585	39585	39350	41700	42935	43185	45185	39820	40760	33935	40290	42435
26	39820	39585	41230	41935	42685	44935	44935	40290	40995	34155	40290	42185
27	40055	39820	41935	42185	42685	45185	44935	40525	40760	34375	40290	42435
28	40995	39585	41700	42185	42685	45185	44435	40760	40760	34155	40525	42185
29	41230	-----	41700	42185	41935	45185	43685	42185	40760	33495	40760	41700
30	40525	-----	41935	41465	42935	45185	43935	43185	40290	33275	40760	41230
31	40525	-----	42185	-----	42685	-----	44935	43935	-----	33495	-----	40760

Application Nos. A-2351,A-2354,A-2355, Plan No. 4806



PLATTE RIVER BASIN

THIRTY MILE CANAL from Platte River  
Measured through 20-foot Parshall flume  
NW1/4NW1/4 Sec. 30-12-26 W. near Brady  
Period of Record: May 1928 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	97	183	170	194
2	0	97	211	146	183
3	0	98	254	140	172
4	0	94	262	140	162
5	0	95	295	167	149
6	0	97	305	140	131
7	0	97	305	116	123
8	0	98	332	113	123
9	0	99	343	123	122
10	0	100	345	123	119
11	0	100	347	125	50
12	0	102	341	126	0
13	44	105	343	151	0
14	87	103	238	182	0
15	93	102	227	201	0
16	76	102	248	217	0
17	69	100	244	213	0
18	71	106	244	238	0
19	78	109	244	244	0
20	79	135	248	246	0
21	84	160	254	246	0
22	84	185	257	233	0
23	87	209	257	217	0
24	87	242	257	215	0
25	87	147	252	217	0
26	86	40	254	224	0
27	93	49	254	222	0
28	93	53	246	217	0
29	84	119	250	213	0
30	80	152	222	202	0
31	90	---	199	195	---
S.F.	1552	3392	8261	5722	1528
Mean	50	113	266	185	51
Max.	93	242	347	246	194
Min.	0	40	183	113	0
A.F.	3080	6730	16390	11350	3030
Total 5 months	-40580 A.F.				
Acreeage reported	A-1853-19212; A-1976-3392; A-2077-320; Total-22924				

GOTHENBURG CANAL from Platte River  
Measured through 20-foot Parshall flume  
SW1/4SW1/4 Sec. 19-12-26 W. near Brady  
Period of Record:  
May 1916 - September 1916, June 1918 - October 1919  
July 1921 - September 1943, May 1945 - October 1985

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	105	106	297	250	237	57
2	0	102	106	318	220	222	57
3	0	102	106	330	215	206	57
4	0	100	105	332	211	195	52
5	0	75	105	332	218	180	53
6	0	86	103	332	226	149	53
7	0	84	99	332	235	128	53
8	0	84	103	332	241	126	51
9	18	79	102	330	238	123	40
10	57	80	102	332	238	119	37
11	57	84	100	326	244	110	32
12	82	86	100	315	277	97	31
13	87	76	100	307	275	82	29
14	94	91	99	303	307	78	29
15	105	97	99	301	305	79	28
16	102	93	99	301	305	79	28
17	94	95	99	299	303	79	27
18	100	98	102	307	303	78	25
19	100	105	109	311	303	76	7
20	97	109	123	315	305	76	0
21	93	102	120	315	303	76	0
22	95	109	120	311	293	67	0
23	87	113	120	318	283	61	0
24	86	112	143	326	279	56	0
25	103	105	163	320	271	57	0
26	113	106	172	315	263	57	0
27	108	108	167	320	259	58	0
28	106	105	187	315	257	58	0
29	99	106	206	322	256	58	0
30	102	106	238	303	250	58	0
31	---	109	---	279	246	---	0
S.F.	1985	3012	3703	9796	8179	3125	746
Mean	64	97	119	316	264	104	25
Max.	113	113	238	332	307	237	57
Min.	0	75	1	279	211	56	0
A.F.	3940	5970	7340	19430	16220	6200	1480
Total 7 Months	- 60580 A.F.						
Acreeage reported	D-645a-253, D-645bR-720, D-645b-16354, A-3716-996, A-11798-91, A-15580-56, A-15870-13, A-15992-13, Total-18496						

BUFFALO CREEK (B-1) RESERVOIR SUPPLY CANAL  
from Platte River via Gothenburg Canal near Darr  
NW1/4NE1/4 Sec. 8-11-22 W.  
Period of Record:  
May 1983 - September 1983, April 1985 - October 1985

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	24	26	18	0	20	30
2	0	24	27	5.3	0	21	30
3	0	25	27	1.2	0	30	29
4	0	26	28	0	0	30	24
5	0	27	28	0	0	26	27
6	0	25	29	0	0	25	27
7	0	26	29	0	0	25	28
8	0	25	28	0	0	24	26
9	0	26	26	0	0	26	13
10	0	26	26	0	0	29	0
11	0	26	28	0	0	30	0
12	0	26	28	0	0	30	0
13	0	27	24	0	0	30	0
14	0	28	27	0	0	30	0
15	0	26	27	0	0	29	0
16	0	24	26	0	0	28	0
17	0	21	26	0	0	27	0
18	6.9	24	25	0	0	25	0
19	15	26	22	0	0	25	0
20	15	25	15	0	5.1	25	0
21	15	26	21	0	19	30	0
22	18	23	24	0	23	30	0
23	22	19	26	0	24	30	0
24	21	20	26	0	22	30	0
25	19	26	21	0	23	29	0
26	21	23	22	0	26	28	0
27	18	23	27	0	28	29	0
28	23	25	26	0	28	29	0
29	23	28	26	0	27	30	0
30	24	28	25	0	25	30	0
31	---	26	---	0	25	---	0
S.F.	240.9	774	766	24.5	275.1	830	234
Mean	8	25	25	1	9	28	8
Max.	24	28	29	18	28	30	30
Min.	0	19	1	0	0	20	0
A.F.	480	1540	1520	50	550	1650	460
Total 7 Months	- 6250 A.F.						
Application	15883, Plan No. 13813						

SIX MILE CANAL from Platte River  
Measured through 3-foot Parshall flume  
NW1/4SE1/4 Sec. 11-11-26 W. near Gothenburg  
Period of Record:  
June 1919 - August 1919, August 1922 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	2.4	0.5	26
2	0	0	0.3	1.5	23
3	0	0.7	8.1	0	22
4	0	3.6	24	0	11
5	0	2.3	30	0	8.8
6	0	1.9	33	0	1.9
7	0	0.6	37	0	0
8	0	0	39	0	0
9	0	0	38	0	0
10	0	0	38	0	0
11	0	0	37	0	0
12	0	1.8	37	0	0
13	0	8.5	36	0	0
14	0	0	33	7.5	0
15	0	1	36	19	0
16	0	2.1	33	24	0
17	0	0.8	31	22	0
18	0	0.3	29	22	0
19	0	1.8	29	24	0
20	0	1.7	22	25	0
21	0	2	22	23	0
22	0	2.5	20	11	0
23	0	3.2	19	11	0
24	0	8.6	22	18	0
25	0	14	20	24	0
26	0	28	12	27	0
27	0	22	16	28	0
28	0	2	18	18	0
29	0	0	20	0	0
30	1.4	2	8.4	15	0
31	1.7	---	0	25	---
S.F.	3.1	111.4	750.2	345.5	92.7
Mean	0.1	3.6	24.2	11.1	3
Max.	1.7	28	39	28	26
Min.	0	0	0	0	0
A.F.	6	221	1488	685	184
Total 5 Months	- 2580 A.F.				
Acreeage reported	D-680R-1283				

**COZAD CANAL from Platte River**  
Measured through 20-foot Parshall flume  
SE1/4SE1/4 Sec. 15-11-25 W. near Gothenburg  
Period of Record: June 1918 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	43	90	192	173
2	0	43	140	192	65
3	0	47	170	194	0
4	0	49	187	195	0
5	0	49	202	195	0
6	0	49	231	192	0
7	0	49	248	192	0
8	1.5	49	250	190	0
9	36	49	256	188	0
10	51	50	262	188	0
11	52	53	235	188	0
12	47	56	227	188	0
13	43	56	229	197	0
14	39	56	239	202	0
15	38	57	222	201	0
16	38	57	209	202	0
17	38	66	209	201	0
18	39	70	209	195	0
19	39	76	209	187	0
20	43	76	209	180	0
21	45	76	215	178	0
22	42	78	220	178	0
23	35	79	220	180	0
24	43	108	218	178	0
25	43	154	217	182	0
26	43	95	217	175	0
27	43	69	217	173	0
28	43	69	217	172	0
29	43	69	213	173	0
30	43	67	201	173	0
31	43	---	194	173	---
S.F.	970.5	1964	6582	5794	238
Mean	31	65	212	187	8
Max.	52	154	262	202	173
Min.	0	43	90	172	0
A.F.	1920	3900	13060	11490	470
Total 5 Months	-30840	A.F.			
Acreage reported	D-626-16582				

**ORCHARD-ALFALFA CANAL from Platte River**  
Measured through 10-foot Parshall flume  
SW1/4SW1/4 Sec. 10-10-24 W. near Cozad  
Period of Record: June 1918 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	22	17	43	53	55
2	0	20	19	44	48	56
3	0	20	7.1	45	43	54
4	0	19	13	53	41	53
5	0	18	18	68	40	49
6	0	18	23	71	44	46
7	0	18	25	74	39	15
8	0	17	22	74	39	0
9	0	16	21	75	37	0
10	0	15	21	74	36	0
11	0	16	21	74	37	0
12	0	15	21	75	46	0
13	0	16	20	72	57	0
14	0	16	21	70	63	0
15	0	16	22	73	64	0
16	0	16	24	71	68	0
17	0	17	24	74	74	0
18	0	14	25	78	72	0
19	0	14	30	75	73	0
20	0	16	39	69	67	0
21	0	17	44	70	60	0
22	0	17	47	69	56	0
23	0	19	52	69	53	0
24	22	20	53	73	49	0
25	22	21	58	68	49	0
26	22	22	59	68	50	0
27	23	22	43	73	51	0
28	22	21	41	73	51	0
29	23	19	34	75	53	0
30	23	17	36	68	51	0
31	---	16	---	63	54	---
S.F.	157	550	900.1	2121	1618	328
Mean	5	18	30	68	52	11
Max.	23	22	59	78	74	56
Min.	0	14	7.1	43	36	0
A.F.	310	1090	1790	4210	3210	650
Total 6 Months	-11260	A.F.				
Acreage reported	D-627-5975					

**DAWSON COUNTY CANAL from Platte River**  
Measured through 25-foot Parshall flume  
NW1/4NW1/4 Sec. 7-10-23 W. near Cozad  
Period of Record: July 1918 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	125	228	339	365
2	0	125	222	327	374
3	0	115	296	298	365
4	0	112	289	292	349
5	0	112	329	292	336
6	0	110	352	294	310
7	0	107	400	276	283
8	0	117	448	272	272
9	0	108	492	260	256
10	0	106	506	263	240
11	0	112	509	267	234
12	0	118	506	274	122
13	0	124	506	276	0
14	0	120	475	303	0
15	11	120	475	315	0
16	31	112	459	334	0
17	25	106	453	344	0
18	22	112	440	346	0
19	29	110	437	372	0
20	79	117	442	369	0
21	108	124	437	372	0
22	112	162	440	374	0
23	107	172	434	365	0
24	117	197	437	356	0
25	124	232	424	369	0
26	120	238	405	372	0
27	118	238	415	364	0
28	120	230	415	374	0
29	120	228	407	372	0
30	124	232	379	352	0
31	124	---	349	362	---
S.F.	1491	4341	12806	10145	3506
Mean	48	145	413	327	117
Max.	124	238	509	374	374
Min.	0	106	222	260	0
A.F.	2960	8610	25400	20120	6950
Total 5 Months	-64040	A.F.			
Acreage reported	D-621-160; D-622-26560,				
	D-624-1600, A-2039-1640, A-2110-1272,				
	A-2145-0, A-2262-320, A-12968-0, A-14008-100,				
	A-15184-100, A-15507-120, Total-31872				

**DAWSON COUNTY DRAIN NO. 2**  
near Darr-SE1/4NE1/4 Sec. 25-10-23 W.  
Period of Record: October 1932 - September 1985

Date	May	June	July	Aug.	Sept.
1	4.6	5.4	5.7	19	16
2	4.8	5.4	7.4	16	15
3	5.6	5.4	8.5	17	15
4	5.7	5.4	11	16	15
5	5.9	5.4	12	14	16
6	6	5.3	12	14	13
7	4.1	5.3	15	13	12
8	4.6	5.2	15	15	11
9	4.7	5.2	11	14	11
10	4.6	5.1	8.5	14	11
11	4.7	5.1	11	15	11
12	5.3	5	10	14	11
13	5.9	5.6	10	17	11
14	14	6.2	11	20	11
15	18	6.4	18	20	11
16	7.4	6.7	11	23	10
17	7.4	6.7	10	30	10
18	7.4	7	12	26	9.6
19	7.4	6.8	16	24	9.6
20	7.4	6.5	14	23	6.8
21	7	7.6	13	20	6.8
22	7	7.2	13	18	6.8
23	6.2	6.7	15	17	6.8
24	6.2	6	17	17	6.8
25	6	5.7	16	18	6.8
26	5.9	22	20	18	6.8
27	5.9	6.8	21	17	6.8
28	5.9	5.9	22	17	6.8
29	5.6	5.6	18	17	6.8
30	5.6	5.6	34	16	6.8
31	5.4	---	23	16	---
S.F.	202.2	194.2	441.1	555	304
Mean	6.5	6.3	14.2	17.9	9.8
Max.	18	22	34	30	16
Min.	4.1	5	5.7	13	6.8
A.F.	401	385	875	1101	603
Total 5 Months	-3370	A.F.			

PLATTE RIVER BASIN

**PLUM CREEK NEAR SMITHFIELD**  
 SE1/4SW1/4 Sec. 21-8-21 W. Period of Record: October 1980 - December 1985  
 EXTREMES FOR CURRENT YEAR:--Peak discharges above base of 80 cfs, and maximum  
 (\*): DISCH GHT DATE TIME DISCH GHT  
 Jun 27 2230 486 8.02 Sep 6 0930 \*549 8.31  
 Sep 11 1600 181 6.06 Oct 19 0530 185 6.10  
 Minimum daily discharge, .40 Cubic Feet per Second, January 12, 24, 25, 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	0.6	6	7.2	6.1	5.2	8.3	8.8	5	8.2	6.4	1.9
2	1	0.5	7	8.3	5.9	5.2	7.8	8.1	4.6	7.8	6.4	1.7
3	1	0.5	6.8	8.3	5.7	5.1	6.9	11	4.9	6.8	6.2	2
4	1.6	0.5	7	7.6	5.7	5.1	6.3	17	5.6	6.4	6.1	3.5
5	5	0.45	6.4	7	5.7	5.1	6	7.6	37	5.8	5.8	4
6	3.3	0.5	5.4	7	5.7	6.3	5.6	5.6	384	5.5	5.8	4.2
7	4	0.5	6	6.6	5.7	6.1	5.1	4.8	38	5.5	6	4.1
8	4.1	0.5	6.8	6.1	5.7	6	5	4.9	11	5.7	5.8	4.1
9	3.9	0.6	8.8	5.7	5.6	5.8	4.9	19	6.8	6	5.8	4
10	2.2	0.6	8.5	6	5.6	5.5	4.9	7.3	9.8	5.8	5.5	3.8
11	0.65	0.6	8.8	6.6	5.5	5.1	5.2	5.8	123	5.6	4.8	3.7
12	0.4	0.6	8.5	6.8	5.5	5	6.2	4.5	57	5.7	5.8	3.7
13	0.6	0.6	7.2	6.4	6.3	5	5.6	4.6	18	7.5	5.6	3.5
14	1	0.7	7.2	6.3	22	5	5.1	4.8	19	6.7	5.6	5.1
15	0.8	0.9	6.8	6.2	24	5	5	5.2	10	6.1	5.7	5.7
16	1	2.3	6.7	6.6	11	5	6.9	6.3	7.2	6.1	6	5.4
17	1.1	4.8	6.8	6.6	7.8	5	7.2	6.5	7	6.1	6.1	5.3
18	1.3	11	6.3	6.2	7.2	5	6.6	7.3	6.6	13	6.2	5.4
19	1.4	19	6.6	6	7	4.8	6.4	7.6	5.6	113	6.1	5.3
20	1.3	34	6.6	6.2	6.8	4.6	8.5	6.6	4.8	38	6.3	5.3
21	0.45	27	6.4	6	6.7	4.6	8.3	6.6	4.7	11	5.3	5.3
22	0.5	33	6.2	6	6.3	4.6	8.5	6.6	5.1	8.8	5.5	5.5
23	0.5	20	6.4	5.7	5.6	4.6	7.6	7.8	7.5	8.5	5	7.4
24	0.4	11	7.4	5.7	5.5	4.6	9.4	7	7	8.3	4.5	8.5
25	0.4	8.5	6.3	6.1	5.4	6.3	12	6.2	6.1	7.2	4	7.8
26	0.45	7	5.8	11	5.4	87	8.1	5.8	6.4	6.8	3.3	7.2
27	1	7.2	5.7	7.6	5.4	400	7	6.7	6.3	6.8	2.6	6.6
28	1.2	6.3	6	6.8	5.4	304	6.3	7.2	6.1	6.6	2.8	6.6
29	1	---	5.8	6.4	5.4	21	7.5	10	6.2	6.4	2	6.3
30	0.9	---	5.8	6.2	5.4	11	8.1	7.4	6.4	6.4	2	6.9
31	0.7	---	5.3	---	5.3	---	15	6.6	---	6.3	---	6.6
S.P.	44.15	199.7	207.3	201.2	222.3	852.6	221.3	231.2	826.7	354.4	155	156.4
Mean	1	7	7	7	7	28	7	7	28	11	5	5
Max.	5	34	8.8	11	24	400	15	19	384	113	6.4	8.5
Min.	0.4	0.45	5.3	5.7	5.3	4.6	4.9	4.5	4.6	5.5	2	1.7
A.F.	90	400	410	400	440	1690	440	460	1640	700	310	310
Total 12 Months	7290 A.F.											

**STREWER (SPRING) CREEK**  
 near Overton--NE1/4NW1/4 Sec. 1-8-20 W.  
 Period of Record:  
 October 1932 - September 1934, October 1936 - September 1985

Date	May	June	July	Aug.	Sept.
1	27	40	70	114	60
2	20	42	54	99	68
3	18	43	48	110	77
4	17	40	41	149	64
5	130	42	47	136	92
6	130	41	39	120	101
7	37	42	40	151	90
8	30	38	41	126	85
9	23	36	35	112	81
10	20	34	33	114	93
11	18	33	56	110	102
12	20	34	46	109	84
13	22	36	47	107	80
14	101	38	47	100	43
15	168	38	62	87	36
16	68	37	73	73	29
17	49	35	55	73	26
18	43	31	56	81	23
19	39	31	52	82	22
20	35	31	74	73	22
21	33	30	74	80	22
22	40	30	69	88	23
23	49	30	71	76	25
24	49	30	78	80	23
25	49	27	76	77	22
26	49	82	65	84	22
27	49	288	81	66	21
28	49	146	72	69	20
29	48	83	92	66	22
30	43	76	102	64	24
31	42	---	120	71	---
S.P.	1515	1564	1916	2947	1502
Mean	49	52	62	95	50
Max.	168	288	120	151	102
Min.	17	27	33	64	20
A.F.	3000	3100	3800	5850	2980
Total 5 Months	-18730 A.F.				

**BUFFALO CREEK NEAR ELM CREEK**  
 NE1/4NE1/4 SEC. 5-8-18-W.  
 Period of Record: January 1925 - August 1925  
 January 1927 - November 1928, October 1933 - September 1985

Date	May	June	July	Aug.	Sept.
1	9.3	22	98	125	93
2	9.3	21	84	137	96
3	6.4	20	92	205	99
4	5.3	20	72	140	99
5	38	28	65	182	143
6	116	28	64	241	124
7	181	24	65	173	115
8	20	28	46	311	128
9	12	26	21	250	143
10	12	23	19	158	141
11	10	21	19	132	133
12	12	23	19	122	127
13	13	18	30	130	156
14	90	18	39	133	237
15	144	24	48	121	124
16	215	25	53	86	52
17	72	26	57	82	26
18	38	26	57	58	28
19	32	31	60	55	17
20	27	22	79	55	18
21	33	18	78	63	14
22	31	18	85	64	10
23	65	20	71	70	7.7
24	66	21	77	71	8.2
25	20	18	90	62	3.5
26	51	92	85	62	3.8
27	54	97	92	72	15
28	57	139	85	87	15
29	56	120	76	92	15
30	54	109	93	80	15
31	36	---	102	87	---
S.P.	1585.	1126	2021	3706	2206.
Mean	51	38	65	120	74
Max.	215	139	102	311	237
Min.	5.3	18	19	55	3.5
A.F.	3140	2230	4010	7350	4380
Total 5 Months	-21110 A.F.				



PLATTE RIVER BASIN

ELM CREEK  
near Elm Creek--SE1/4NW1/4 Sec. 33-9-18 W.  
Period of Record:  
October 1932 - September 1960, May 1962 - September 1985

Date	May	June	July	Aug.	Sept.
1	1.4	7.9	15	22	4.6
2	1.4	8.2	16	22	10
3	0	8.6	13	31	18
4	0	9.4	12	26	16
5	38	9.8	11	24	23
6	38	9.5	9.2	28	36
7	2.6	9.8	12	33	15
8	0.14	10	14	23	8.7
9	0	9.8	14	22	4.1
10	0	9.8	9.7	21	5.2
11	0	9.8	11	17	14
12	0.06	9.2	11	18	7.6
13	0.29	10	10	17	170
14	133	11	7.6	19	153
15	105	8.2	11	20	81
16	5.8	8.9	6	17	8.6
17	0.35	9.7	5	12	2.2
18	0.29	9.1	4.1	16	1.5
19	0.06	10	1.6	14	0.5
20	0	12	13	16	0.5
21	0	8.2	13	11	0.5
22	0	9.7	12	8.2	0.5
23	0	3.3	10	9.1	0.5
24	0	0.41	6.6	10	0.5
25	3.2	0.41	12	15	0.2
26	4.5	100	13	17	0.2
27	5.9	42	13	16	0.2
28	7.8	27	15	9.8	0.2
29	8.1	18	13	8.9	0.2
30	7.6	16	22	9.1	0.2
31	7.9	---	27	11	---
S.F.	371.3	415.7	362.8	543.1	582.7
Mean	12	13.4	11.7	17.5	18.8
Max.	133	100	27	33	170
Min.	0	0.41	1.6	8.2	0.2
A.F.	737	825	720	1077	1156
Total 5 Months	-	4520	A.F.		

KEARNEY CANAL for Power and Irrigation from Platte River  
Measured through 25-Parshall flume--NW1/4SW1/4 Sec. 3-8-18 W. near Elm Creek  
Period of Record:  
May 1919 - September 1919, May 1921 - December 1985

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	267	42	334	320	315	334	287	0
2	0	0	0	0	263	40	322	322	322	352	294	0
3	0	0	0	0	265	39	303	308	346	322	308	0
4	0	0	0	0	274	38	278	308	349	320	301	0
5	0	0	0	0	276	39	278	296	298	332	296	0
6	0	0	0	0	301	38	274	289	329	332	298	0
7	0	0	0	0	298	53	276	294	327	327	298	0
8	0	0	0	0	289	89	274	280	317	324	258	0
9	0	0	0	0	280	89	280	256	322	317	236	0
10	0	0	0	0	278	88	308	254	322	310	234	0
11	0	0	0	0	276	86	308	236	315	312	249	0
12	0	0	0	0	269	86	283	189	310	317	296	0
13	0	0	0	0	272	88	292	247	104	320	312	0
14	0	0	0	0	214	102	301	207	48	322	320	0
15	0	0	0	187	69	197	310	166	45	324	301	0
16	0	0	0	179	62	199	315	170	40	324	292	0
17	0	0	0	172	57	222	320	242	33	298	287	0
18	0	0	0	168	57	265	301	269	141	298	287	0
19	0	0	0	168	57	254	285	222	296	301	101	0
20	0	0	0	160	53	251	287	207	287	303	0	0
21	0	0	0	170	54	256	287	244	289	301	0	0
22	0	0	0	193	54	232	292	256	289	312	0	0
23	0	0	0	199	52	238	322	269	294	303	0	0
24	0	0	0	216	53	240	349	267	312	296	0	0
25	0	0	0	251	58	256	356	240	317	294	0	0
26	0	0	0	258	58	265	349	228	324	280	0	0
27	0	0	0	258	58	260	324	222	317	285	0	0
28	0	0	0	258	58	267	301	287	317	320	0	0
29	0	0	0	256	54	294	301	312	324	320	0	0
30	0	---	0	256	49	324	310	303	324	317	0	0
31	0	---	0	---	42	---	320	312	---	310	---	0
S.F.	0	0	0	3349	4767	4937	9440	8022	7973	9727	5255	0
Mean	0	0	0	112	154	165	305	259	266	314	175	0
Max.	0	0	0	258	301	324	356	322	349	352	320	0
Min.	0	0	0	0	42	38	274	166	33	280	0	0
A.F.	0	0	0	6640	9460	9790	18720	15910	15810	19290	10420	0
Total 12 Months	-	-	-	106040	A.F.							



**PLATTE RIVER BASIN  
( LOUP RIVER )**

**SARGENT CANAL from Middle Loup River**  
Measured through 10-foot Parshall flume  
NW1/4NE1/4 Sec. 32-21-21 W. near Milburn  
Period of Record: April 1957 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	84	50	96
2	0	0	104	49	89
3	0	0	163	48	77
4	0	0	187	46	64
5	0	0	209	58	70
6	0	0	237	62	69
7	0	0	278	84	69
8	0	0	262	125	74
9	0	0	262	144	98
10	0	0	269	168	99
11	0	0	269	173	72
12	0	0	269	193	56
13	0	0	258	216	47
14	0	0	252	221	43
15	0	0	249	208	34
16	0	18	249	192	0
17	0	60	251	162	0
18	0	65	249	152	0
19	0	70	244	152	0
20	0	75	224	154	0
21	0	84	222	148	0
22	0	80	219	147	0
23	0	79	202	126	0
24	0	89	180	112	0
25	0	118	149	109	0
26	0	86	139	115	0
27	0	64	143	145	0
28	0	69	151	175	0
29	0	78	176	150	0
30	0	80	98	124	0
31	0	---	50	113	---
S.F.	0	1115	6298	4121	1057
Mean	0	37	203	133	35
Max.	0	118	278	221	99
Min.	0	0	50	46	0
A.F.	0	2210	12490	8170	2100
Total 5 Months - 24970 A.F.					
Acreage reported A-4841a-13828, A-10260c- Supp, A-12433-67, A-12632-56, A-15029-70, Total-14021					

**MIDDLE LOUP CANAL NO. 1 from Middle Loup River**  
Measured through concrete flume  
SW1/4NW1/4 Sec. 14-19-18 W. near Sargent  
Period of Record:  
March 1938 - September 1943, May 1947 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	15	15	20	31
2	0	17	10	15	30
3	0	22	21	14	32
4	0	21	45	13	30
5	0	19	48	15	30
6	0	18	51	16	30
7	0	16	53	22	29
8	0	16	52	26	28
9	0	15	52	26	27
10	0	16	52	25	28
11	0	16	52	24	27
12	0	14	53	40	24
13	0	13	53	47	21
14	0	5	53	47	20
15	0	0	53	47	19
16	0	0	51	47	18
17	0	0	52	48	18
18	0	0	52	47	18
19	0	0	51	47	18
20	0	3	46	46	7
21	0	19	49	46	0
22	0	20	48	46	0
23	8	18	44	46	0
24	16	19	45	38	0
25	17	26	40	37	0
26	17	30	32	36	0
27	17	20	31	35	0
28	16	18	31	35	0
29	18	19	31	34	0
30	18	19	29	33	0
31	17	---	26	33	---
S.F.	144	434	1321	1051	485
Mean	5	14	43	34	16
Max.	18	30	53	48	32
Min.	0	0	10	13	0
A.F.	290	860	2620	2080	960
Total 5 Months - 6810 A.F.					
Acreage reported A-2293-2360, A-3979a- Supp, A-3979a-1162, A-3981a-185, A-8692-43, A-8930-63, Total-					

**MIDDLE LOUP SPILLWAY NO. 1 Returned to Middle Loup River**  
Measured over 5.8 foot weir  
NE1/4SE1/4 Sec. 27-18-17 W. near Comstock  
Period of Record:  
May 1956 - September 1978, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	8	5	12	3
2	0	8	4	5	8
3	0	7	4	5	10
4	0	5	5	5	10
5	0	8	3	5	6
6	0	9	0	6	9
7	0	10	0	7	9
8	0	9	0	10	6
9	0	8	0	10	9
10	0	6	0	12	10
11	0	5	0	15	12
12	0	5	0	12	10
13	0	2	0	5	11
14	0	1	0	3	12
15	0	2	0	0	14
16	0	8	0	0	8
17	0	9	0	0	6
18	0	9	0	0	0
19	0	10	0	3	0
20	0	9	0	8	0
21	0	8	3	9	0
22	0	8	5	6	0
23	2	8	2	6	0
24	8	4	10	7	0
25	10	0	15	7	0
26	5	15	10	7	0
27	4	4	12	6	0
28	4	5	12	10	0
29	5	7	12	10	0
30	4	6	12	10	0
31	6	---	12	5	---
S.F.	48	203	126	206	153
Mean	2	7	4	7	5
Max.	10	15	15	15	14
Min.	0	0	0	0	0
A.F.	100	400	250	410	300
Total 5 Months - 1460 A.F.					

**MIDDLE LOUP CANAL NO. 2 from Middle Loup River**  
Measured through concrete flume  
NE1/4NW1/4 Sec. 14-19-18 W. near Sargent  
Period of Record:  
May 1938 - September 1943, May 1947 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	16	16	10	39
2	0	16	16	8	36
3	0	16	22	7	28
4	0	16	27	6	26
5	0	14	36	4	25
6	0	15	41	3	24
7	0	16	54	6	23
8	0	15	61	8	21
9	0	15	60	4	21
10	0	15	62	15	20
11	0	14	62	30	20
12	0	13	63	41	16
13	0	13	65	44	13
14	8	12	66	45	13
15	21	13	67	44	12
16	19	14	61	45	12
17	18	18	60	50	12
18	17	16	62	51	12
19	16	16	55	50	12
20	18	16	49	51	6
21	18	16	51	50	0
22	18	16	48	39	0
23	18	16	48	33	0
24	18	17	32	32	0
25	19	18	13	30	0
26	18	20	20	30	0
27	18	20	22	30	0
28	18	16	22	37	0
29	18	15	22	41	0
30	18	16	21	39	0
31	17	---	12	38	---
S.F.	315	469	1316	921	391
Mean	10	16	42	30	13
Max.	21	20	67	51	39
Min.	0	12	12	3	0
A.F.	620	930	2610	1830	780
Total 5 Months - 6770 A.F.					
Acreage reported A-2293-2536, A-2678- 212, A-3979b-Supp, A-3979b-3348, A-3981b-Supp, A-3981b-370, A-4131-110, A-6623-40, A-12842-76, Total-6692					

PLATTE RIVER BASIN  
( LOUP RIVER )

MIDDLE LOUP SPILLWAY NO. 2 Returned to Middle Loup River  
Measured over 5.8 foot weir  
SW1/4SE1/4 Sec. 11-18-17 W. near Comstock  
Period of Record:  
May 1956 - September 1978, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	8	7	12	9
2	0	9	9	15	14
3	0	15	7	16	13
4	0	14	13	12	11
5	0	15	11	7	10
6	0	14	7	3	10
7	0	13	5	8	9
8	0	13	7	9	9
9	0	13	4	4	8
10	0	11	5	1	6
11	0	11	5	1	6
12	0	11	3	8	8
13	0	11	4	7	11
14	5	10	5	6	10
15	13	10	7	4	7
16	11	9	7	4	7
17	11	13	7	5	7
18	10	12	7	6	8
19	9	12	9	7	9
20	9	11	14	10	10
21	9	13	13	12	9
22	12	14	13	15	0
23	11	17	13	13	0
24	10	12	16	6	0
25	8	9	14	13	0
26	8	13	2	12	0
27	9	12	12	9	0
28	9	10	12	8	0
29	8	8	12	12	0
30	10	7	15	9	0
31	9	---	12	9	---
S.F.	171	350	277	263	191
Mean	6	12	9	8	6
Max.	13	17	16	16	14
Min.	0	7	2	1	0
A.F.	340	690	550	520	380
Total 5 Months -	2480 A.F.				

MIDDLE LOUP CANAL NO. 3 from Middle Loup River  
Measured through concrete flume  
SW1/4NW1/4 Sec. 6-17-16 W. near Comstock  
Period of Record:  
April 1938 - September 1943, May 1947 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	46	19	24	90
2	0	44	47	24	88
3	0	44	69	22	85
4	0	44	82	23	81
5	0	46	90	23	74
6	0	43	101	24	60
7	0	37	101	23	55
8	0	38	113	23	55
9	0	38	135	37	55
10	0	38	128	51	56
11	0	39	126	57	44
12	0	39	128	66	27
13	0	40	134	81	25
14	30	40	133	95	24
15	50	40	132	97	23
16	47	40	130	93	23
17	46	38	129	56	21
18	44	39	126	34	21
19	44	39	103	33	21
20	43	46	94	25	8
21	43	56	92	21	0
22	42	62	92	20	0
23	42	64	86	20	0
24	42	73	38	32	0
25	42	86	24	40	0
26	43	61	23	43	0
27	42	0	21	62	0
28	57	0	26	81	0
29	56	0	28	92	0
30	49	0	23	91	0
31	46	---	24	94	---
S.F.	808	1220	2597	1507	936
Mean	26	41	84	49	31
Max.	57	86	135	97	90
Min.	0	0	19	20	0
A.F.	1600	2420	5150	2990	1860
Total 5 Months -	14020 A.F.				
Acreeage reported A-2393-4277, A-2678R-110, A-3979R-Supp, A-3979R-7414, A-3981R-Supp, A-3981R-87, A-4360-117, A-12179-40, A-13682-56, Total-12101					

MIDDLE LOUP SPILLWAY NO. 3 Returned to Middle Loup River  
Measured over 5.8 foot weir  
SW1/4SW1/4 Sec. 5-14-14 W. near Loup City  
Period of Record:  
May 1956 - September 1978, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	12	13	7	17
2	0	12	5	7	18
3	0	15	13	6	16
4	0	15	14	7	16
5	0	15	7	6	14
6	0	15	4	8	10
7	0	13	3	6	11
8	0	14	2	7	11
9	0	14	8	4	11
10	0	15	8	8	12
11	0	13	5	7	12
12	0	14	2	7	7
13	0	16	3	4	2
14	0	14	4	8	1
15	0	14	9	8	1
16	0	15	8	7	0
17	8	15	8	17	0
18	5	16	10	16	0
19	4	15	17	13	0
20	9	14	21	14	0
21	6	15	20	12	0
22	2	13	22	14	0
23	6	10	14	11	0
24	1	11	15	12	0
25	7	3	9	16	0
26	8	10	4	14	0
27	2	4	4	10	0
28	8	2	4	3	0
29	8	6	6	8	0
30	8	15	7	15	0
31	10	---	7	16	---
S.F.	92	375	276	298	159
Mean	3	13	9	10	5
Max.	10	16	22	17	18
Min.	0	2	2	3	0
A.F.	180	740	550	590	320
Total 5 Months -	2380 A.F.				

MIDDLE LOUP CANAL NO. 4 from Middle Loup River  
Measured through concrete flume  
SW1/4SW1/4 Sec. 31-18-16 W. near Comstock  
Period of Record:  
May 1938 - September 1943, May 1947 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	50	34	39	87
2	0	50	39	40	68
3	0	50	40	39	58
4	0	51	39	36	57
5	0	51	65	31	55
6	0	52	96	31	44
7	0	47	116	32	37
8	0	41	133	32	36
9	0	40	150	33	37
10	0	40	155	40	34
11	0	41	141	52	30
12	0	40	141	58	26
13	0	41	137	76	24
14	0	44	135	97	23
15	0	43	140	110	21
16	0	40	147	114	21
17	0	36	142	64	20
18	0	37	129	45	19
19	0	45	108	44	19
20	0	50	88	37	7
21	0	52	80	28	0
22	0	56	78	24	0
23	0	55	88	28	0
24	0	62	82	30	0
25	0	77	39	37	0
26	0	70	29	48	0
27	0	54	31	61	0
28	32	39	31	76	0
29	59	36	36	89	0
30	54	36	39	91	0
31	50	---	40	83	---
S.F.	195	1426	2748	1645	723
Mean	6	48	89	53	24
Max.	59	77	155	114	87
Min.	0	36	29	24	0
A.F.	390	2830	5450	3260	1430
Total 5 Months -	13360 A.F.				
Acreeage reported A-2293R-5683, A-2678R-84, A-3979R-Supp, A-3979R-4234, A-3981R-Supp, A-3981R-657, A-5139-215, A-10161-317, A-10175-56, A-12197-60, A-12198-70, A-12673-59, A-13590-78, A-5284RP-43, Total-11654					

PLATTE RIVER BASIN

( LOUP RIVER )

MIDDLE LOUP SPILLWAY NO. 4 Returned to Middle Loup River  
 Measured over 7.8 foot weir  
 SW1/4SW1/4 Sec. 10-14-14 W. near Loup City  
 Period of Record:  
 May 1956 - September 1978, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	26	14	15	14
2	0	20	11	14	19
3	0	20	10	15	20
4	0	16	10	15	15
5	0	10	3	15	17
6	0	14	3	14	27
7	0	12	5	14	22
8	0	9	11	13	18
9	0	8	5	11	19
10	0	7	5	9	20
11	0	9	4	11	20
12	0	6	1	19	18
13	0	10	2	7	18
14	0	11	1	4	18
15	0	14	2	11	14
16	0	12	4	15	11
17	0	10	8	25	12
18	0	7	11	16	17
19	0	5	15	23	16
20	0	6	18	21	12
21	0	11	17	18	7
22	0	17	21	13	2
23	0	20	6	8	0
24	0	16	19	8	0
25	0	15	14	13	0
26	0	23	7	13	0
27	0	14	5	11	0
28	0	5	11	14	0
29	10	10	11	18	0
30	16	13	17	17	0
31	21	---	17	18	---
S.F.	47	376	288	438	356
Mean	2	13	9	14	12
Max.	21	26	21	25	27
Min.	0	5	1	4	0
A.F.	90	750	570	870	710
Total 5 Months -	2990				A.F.

DAILY DIVERSIONS OF CANALS--1985

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
 Summary in Acre-feet--1985

	May	June	July	Aug.	Sept.	Totals
Diversions:						
Canal No. 1.....	290	860	2620	2080	960	6810
Canal No. 2.....	620	930	2610	1830	780	6770
Canal No. 3.....	1600	2420	5150	2990	1860	14020
Canal No. 4.....	390	2830	5450	3260	1430	13360
Total diversions...	2900	7040	15830	10160	5030	40960
Returned through spillways:						
Canal No. 1.....	100	400	250	410	300	1460
Canal No. 2.....	340	690	550	520	380	2480
Canal No. 3.....	180	740	550	590	320	2380
Canal No. 4.....	90	750	570	870	710	2990
Total returned.....	710	2580	1920	2390	1710	9310

FARNELL (SHERMAN FEEDER) CANAL from Middle Loup River  
 Measured through 25-foot Parshall flume  
 NE1/4SE1/4 Sec. 35-18-17 W. near Comstock  
 Period of Record: November 1963 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	337	84	362	600	0
2	0	232	83	349	603	0
3	0	226	83	374	597	0
4	0	234	83	384	603	0
5	0	236	84	344	603	0
6	0	223	86	247	603	0
7	0	183	89	195	606	0
8	48	175	86	123	600	0
9	106	175	86	84	561	0
10	153	177	83	76	555	0
11	209	185	87	62	483	0
12	238	180	89	42	464	0
13	282	187	114	79	429	0
14	308	191	234	92	389	0
15	342	181	253	95	322	0
16	334	177	251	110	327	0
17	330	168	258	118	280	0
18	327	180	269	151	207	0
19	342	180	282	289	157	0
20	362	181	352	356	102	0
21	354	177	372	366	33	0
22	362	185	395	382	5	0
23	364	166	392	359	0	0
24	356	148	418	467	0	0
25	359	148	418	584	0	0
26	359	155	374	584	0	0
27	362	153	347	555	0	0
28	359	148	354	540	0	0
29	356	153	337	546	0	0
30	356	144	356	546	0	0
31	---	83	---	576	0	---
S.F.	6968	5668	6799	9437	9129	0
Mean	225	183	227	304	294	0
Max.	364	337	418	584	606	0
Min.	0	83	83	42	0	0
A.F.	13820	11240	13490	18720	18110	0
Total 6 Months -	75380					A.F.
For storage to Sherman Reservoir						

PLATTE RIVER BASIN

( LOUP RIVER )

SHERMAN RESERVOIR STORAGE IN ACRE-FEET

From Middle Loup River--SW1/4SW1/4 Sec. 36-16-14 W. near Loup City

Year Ending December 31, 1985  
Period of Record: October 1963 - December 1985

Date	STORAGE LEVEL			ELEVATION (Feet)			CONTENT (Acre-feet)					
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Top of conservation pool			2162.3			69,076					
	Top of dead storage pool			2118.5			3,839					
1	53210	52241	51294	50347	60278	68766	69076	57428	59495	52722	51768	50584
2	53210	52241	51294	50110	60810	68788	69076	57945	58720	52722	51768	50584
3	53210	52004	51294	50110	61076	68788	69076	58720	57686	52722	51531	50347
4	53210	52004	51057	50110	61342	68788	69076	59754	56926	52722	51531	50347
5	53210	52004	51057	50110	61607	68788	68788	60544	55921	52722	51531	50347
6	53210	52004	51057	50110	61873	68788	68499	61342	54917	52722	51531	50347
7	53210	52004	51057	50110	62139	68788	67930	61873	54673	52722	51294	50347
8	52996	52004	51057	50110	62404	68788	66808	62671	54185	52478	51294	50347
9	52996	52004	51057	50110	62671	69076	65085	63218	53698	52478	51294	50347
10	52996	51768	51057	50110	62944	69076	64311	63764	53554	52478	51057	50347
11	52996	51768	51057	50110	63218	69076	62671	64311	53554	52241	51057	50347
12	52996	51768	51057	50110	63491	69076	61342	64857	53554	52241	51057	50347
13	52722	51768	51057	50347	63764	69076	59764	65134	53554	52241	51057	50347
14	52722	51768	50820	50584	64311	69076	57942	65134	53554	52241	51057	50347
15	52722	51768	50820	50820	64584	69076	56675	64857	53554	52241	51057	50347
16	52722	51531	50820	51294	64857	69076	55168	64311	53554	52241	51057	50347
17	52722	51531	50820	52004	65134	69076	53698	63764	53554	52241	51057	50347
18	52722	51531	50820	52478	65404	69076	52478	63764	53554	52241	51057	50347
19	52722	51531	50584	52966	65685	69076	51294	63764	53554	52004	51057	50347
20	52478	51531	50584	53698	65685	69076	50820	63764	53554	52004	50820	50110
21	52478	51531	50584	54185	65965	69076	51057	63764	53210	52004	50820	50110
22	52478	51531	50584	54429	65965	69076	51294	63491	53210	52004	50820	50110
23	52478	51531	50584	55168	66246	69076	51531	63218	53210	52004	50820	49880
24	52478	51531	50347	55921	66527	69076	52004	62944	53210	52004	50820	49880
25	52478	51294	50347	56424	-----	69076	52478	62671	53210	52004	50820	49880
26	52478	51294	50347	57177	-----	69076	52966	62404	53210	52004	50820	49880
27	52241	51294	50347	57686	-----	69076	53698	62139	52966	52004	50820	49880
28	52241	51294	50347	58203	68211	69076	54429	61873	52966	52004	50820	49650
29	52241	-----	50347	58462	68479	69706	55168	61607	52966	52004	50584	49650
30	52241	-----	50347	59495	68788	69706	55921	61076	52966	51768	50584	49650
31	52241	-----	50347	-----	68788	-----	56675	60271	-----	51768	-----	49650

Application No. 4923a, Plan No. 8622

FARWELL "MAIN" CANAL from SHERMAN RESERVOIR  
Measured through six constant head orifice gates  
NW1/4SW1/4 Sec. 1-15-14 W. Below Sherman Reservoir  
Period of Record: October 1964 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	171	77	322
2	0	0	180	77	369
3	0	0	183	76	400
4	0	0	209	77	420
5	0	0	294	77	400
6	0	0	394	78	188
7	0	0	409	80	88
8	0	0	467	90	75
9	0	0	521	105	66
10	0	0	526	111	41
11	0	0	538	112	0
12	0	0	538	116	0
13	0	0	504	212	0
14	0	50	486	341	0
15	0	96	486	406	0
16	0	96	486	454	0
17	0	108	480	224	0
18	0	120	468	77	0
19	0	120	372	71	0
20	0	124	173	68	0
21	0	157	102	68	0
22	0	176	110	66	0
23	0	198	114	65	0
24	0	211	105	65	0
25	0	255	91	70	0
26	0	213	91	74	0
27	0	165	96	94	0
28	0	165	98	135	0
29	0	168	119	193	0
30	0	168	99	264	0
31	0	---	80	314	---
S.F.	0	2590	8990	4337	2369
Mean	0	86	290	140	79
Max.	0	255	538	454	420
Min.	0	0	80	65	0
A.P.	0	5140	17830	8600	4700
Total 5 Months			-36270	A.P.	

FARWELL "SOUTH" CANAL from Middle Loup River  
Measured through four constant head orifice gates  
NW1/4SW1/4 Sec. 1-15-14 W. Below Sherman Reservoir  
Period of Record: October 1965 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	100	35	83
2	0	0	99	35	110
3	0	0	100	36	129
4	0	0	112	36	161
5	0	0	138	36	157
6	0	0	169	36	81
7	0	0	177	37	47
8	0	0	222	38	47
9	0	0	284	38	43
10	0	0	302	38	24
11	0	0	305	38	0
12	0	0	316	38	0
13	0	0	322	70	0
14	0	29	322	117	0
15	0	51	324	154	0
16	0	52	313	212	0
17	0	52	296	86	0
18	0	55	282	38	0
19	0	61	210	38	0
20	0	77	98	38	0
21	0	94	71	38	0
22	0	99	60	34	0
23	0	102	53	32	0
24	0	106	51	32	0
25	0	131	48	32	0
26	0	117	47	32	0
27	0	102	56	32	0
28	0	100	59	33	0
29	0	100	59	47	0
30	0	100	46	58	0
31	0	---	36	77	---
S.F.	0	1428	5077	1641	882
Mean	0	48	164	53	29
Max.	0	131	324	212	161
Min.	0	0	36	32	0
A.P.	0	2830	10070	3250	1750
Total 5 Months			-17900	A.P.	

PLATTE RIVER BASIN  
( LOUP RIVER )

FARWELL MAIN and SOUTH CANALS Combined Flow Monthly Summary  
NW1/4SW1/4 Sec. 1-15-14 W. Below Sherman Reservoir  
Period of Record: October 1965 - September 1985

	May	June	July	Aug.	Sept.	Total (Acre-Feet)
Farwell Main Canal	0	5140	17830	8600	4700	36270
Farwell South Canal	0	2830	10070	3250	1750	17900
Total	0	7970	27900	11850	6450	54170

Acraage reported A-4423-48312, A-5710-1485,  
A-10470-320  
Total - 50117

TAYLOR-ORD CANAL from North Loup River  
Measured through concrete flume  
NE1/4NE1/4 Sec. 20-21-18 W. near Taylor  
Period of Record:

April 1939 - September 1943, May 1947 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	53	97	93	113
2	0	51	106	81	110
3	0	50	121	64	110
4	0	53	134	66	92
5	0	50	150	69	85
6	0	52	168	75	82
7	0	50	182	68	79
8	52	50	183	60	74
9	85	48	187	46	70
10	26	50	200	40	68
11	62	47	203	44	48
12	62	50	205	61	34
13	60	49	203	96	32
14	55	48	204	92	26
15	56	54	206	112	27
16	59	62	206	110	28
17	58	58	208	115	30
18	54	58	211	115	26
19	55	64	208	133	24
20	54	68	202	151	26
21	52	71	199	149	26
22	52	79	200	152	25
23	51	95	194	149	13
24	52	107	184	155	0
25	55	120	178	155	0
26	53	114	177	156	0
27	56	94	177	154	0
28	52	98	180	149	0
29	52	98	168	138	0
30	52	92	140	129	0
31	50	---	127	115	---
S.F.	1315	2033	5508	3300	1248
Mean	42	68	178	106	42
Max.	85	120	211	156	113
Min.	0	47	97	40	0
A.F.	2610	4030	10920	6550	2480
Total 5 Months	-26590 A.F.				

Acraage reported A-2155-135, A-2312-12413,  
A-2417R-92, A-2312a-848, A-3768R-32,  
A-3980a-Supp, A-3980a-1463, A-3982a-Supp,  
A-7600-8, A-7854-29, A-11447-24, A-11648-  
6, A-11706-35, A-11475-28, A-15442-6,  
A-15460-23, A-15569-16, A-15821-30,  
Total-15188

TAYLOR-ORD SPILLWAY at Mile 33.90 Returned to North Loup River  
via Dane Creek--Measured over 3-foot weir  
SW1/4SW1/4 Sec. 10-19-14 W. near Ord  
Period of Record:

Oct 1956 - September 1978, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	3	3	4	4
2	0	3	3	5	4
3	0	3	3	5	4
4	0	3	3	5	4
5	0	3	4	5	4
6	0	3	5	5	5
7	0	3	5	5	5
8	0	3	5	5	5
9	0	3	4	5	5
10	0	3	1	5	5
11	0	4	4	5	5
12	0	3	4	4	5
13	0	2	3	4	5
14	0	3	4	4	5
15	1	3	2	4	4
16	1	3	2	4	4
17	1	3	2	4	4
18	1	3	5	4	3
19	1	3	3	4	3
20	1	3	4	4	3
21	1	3	4	4	3
22	2	3	3	3	3
23	2	3	3	2	3
24	2	3	4	2	4
25	3	3	5	2	4
26	3	3	5	2	3
27	3	3	5	3	0
28	2	3	5	2	0
29	3	3	4	2	0
30	3	2	4	2	0
31	3	---	5	3	---
S.F.	33	89	116	117	106
Mean	1	3	4	4	4
Max.	3	4	5	5	5
Min.	0	2	1	2	0
A.F.	70	180	230	230	210
Total 5 Months	- 920 A.F.				

PLATTE RIVER BASIN  
( LOUP RIVER )

DAILY DIVERSIONS OF CANALS--1985  
TAYLOR-ORD SPILLWAY at Mile 34.06 Returned to North Loup River  
via Dane Creek--Measured over 6 foot weir  
NW1/4SW1/4 Sec. 17-19-14 W. near Ord  
Period of Record:  
October 1956 - September 1978, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	12	18	26	6
2	0	13	15	27	7
3	0	11	15	30	11
4	0	10	22	28	13
5	0	10	19	26	11
6	0	10	16	26	13
7	0	10	17	26	16
8	0	9	13	41	16
9	0	8	2	35	18
10	0	7	0	23	20
11	11	6	2	17	23
12	21	3	0	16	20
13	22	2	0	16	15
14	22	7	0	14	9
15	14	5	2	16	5
16	19	10	2	19	5
17	18	12	1	22	5
18	16	10	11	16	0
19	14	10	13	10	0
20	12	13	13	4	0
21	11	11	11	6	0
22	8	8	10	6	0
23	7	11	10	5	0
24	6	13	10	6	0
25	6	16	11	8	0
26	9	19	14	9	0
27	10	26	15	11	0
28	9	19	18	11	0
29	2	24	20	12	0
30	14	24	26	12	0
31	13	---	30	8	---
S.F.	264	349	356	532	213
Mean	9	12	11	17	7
Max.	22	26	30	41	23
Min.	0	2	0	4	0
A.F.	520	690	710	1060	420
Total 5 Months	- 3400 A.F.				

CALUMUS RESERVOIR STORAGE IN ACRE-FEET  
On Calumus River--NE1/4SW1/4 Sec. 31-22-16 W.

Date	STORAGE LEVEL												ELEVATION (Feet)		CONTENT (Acre-feet)		
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	None	2244.0	127400	2185.0	817
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2222	4432	7242
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2441	4432	7086
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2256	4432	7086
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2715	4488	7164
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2797	4544	7321
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2881	4544	7625
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2966	4601	7723
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3096	4658	7972
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3230	4716	8287
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3331	4716	8400
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3462	4774	8488
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3802	4774	8577
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3903	4833	8666
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4057	4893	8666
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4214	5014	8937
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4268	5075	9122
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4268	5075	9309
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4322	5136	9404
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	5136	9404
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	5225	9404
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4322	5716	9595
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4322	5783	9887
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	5919	10086
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	6128	10287
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	6341	10287
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	6559	10287
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	6632	10388
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	6781	10697
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	6933	10906
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	7086	10906
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4377	---	11225



PLATTE RIVER BASIN  
( LOUP RIVER )

**BURWELL-SUMTER CANAL from North Loup River**  
Measured through concrete flume  
NE1/4NW1/4 Sec. 19-21-15 W. near Burwell  
Period of Record:  
April 1939 - September 1943, May 1947 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	40	33	30	69
2	0	40	35	31	67
3	0	42	41	31	61
4	0	42	48	31	48
5	0	34	54	30	45
6	29	33	78	36	38
7	28	31	97	36	33
8	24	26	96	34	28
9	25	26	96	34	28
10	35	25	99	30	26
11	39	27	104	30	27
12	50	28	107	30	22
13	52	28	109	37	16
14	55	27	110	50	14
15	52	27	112	63	14
16	49	27	116	72	14
17	44	26	118	74	14
18	44	32	114	73	13
19	44	32	115	75	13
20	44	33	112	86	8
21	47	33	112	101	0
22	52	38	111	102	0
23	50	37	108	107	0
24	50	39	106	107	0
25	50	56	94	107	0
26	49	54	88	105	0
27	49	32	88	102	0
28	50	31	86	97	0
29	51	32	81	93	0
30	48	32	60	86	0
31	43	---	36	69	---
S.F.	1153	1010	2764	1989	598
Mean	37	34	89	64	20
Max.	55	56	118	107	69
Min.	0	25	33	30	0
A.F.	2290	2000	5480	3950	1190

Total 5 Months -14910 A.F.  
Acreage reported A-2312-5683, A-3215b-1121, A-3772-44, A-3828-38, A-3980b-Supp, A-3980b-1370, A-3982a-Supp, A-6578-38, A-6943-17, A-9809-20, A-10443-37, A-11856-40, A-12017-15, A-12355-105, A-13402-47, A-13474-64, A-14566-66, A-14777-55, A-15935-54, A-16273-15, Total-8829

**BURWELL-SUMTER SPILLWAY at Mile 24.90 Returned to North Loup River**  
Measured over 3-foot weir  
SE1/4NE1/4 Sec. 20-19-13 W. near Ord  
Period of Record:  
October 1956 - September 1978, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	6	8	9	11
2	0	6	8	6	11
3	0	7	8	8	10
4	0	8	7	8	8
5	0	8	4	6	4
6	0	6	1	4	9
7	3	6	2	7	7
8	0	4	2	7	6
9	0	3	0	7	5
10	0	3	1	7	7
11	2	4	0	6	8
12	4	3	0	5	10
13	3	4	0	3	8
14	6	4	0	4	5
15	6	5	0	5	4
16	4	5	0	5	4
17	2	5	0	6	4
18	2	6	1	5	2
19	1	7	5	3	3
20	1	7	4	1	5
21	0	6	4	0	1
22	1	8	3	2	0
23	3	8	2	1	0
24	3	7	6	1	0
25	4	7	11	2	0
26	5	10	11	2	0
27	5	10	11	4	0
28	6	8	12	6	0
29	8	8	11	10	0
30	8	8	11	11	0
31	7	---	11	11	---
S.F.	84	187	144	162	132
Mean	3	6	5	5	4
Max.	8	10	12	11	11
Min.	0	3	0	0	0
A.F.	170	370	290	320	260

Total 5 Months - 1410 A.F.

**ORD-NORTH LOUP CANAL from North Loup River**  
Measured through concrete flume  
NW1/4NE1/4 Sec. 36-19-14 W. near Ord  
Period of Record:  
April 1939 - September 1943, May 1947 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	25	42	24	67
2	34	24	43	24	67
3	32	24	54	24	65
4	22	23	61	24	66
5	21	22	69	25	63
6	22	21	78	26	52
7	23	20	91	22	42
8	27	21	104	20	42
9	28	20	111	20	40
10	31	20	110	18	29
11	31	20	111	18	22
12	31	20	112	18	20
13	30	20	115	24	19
14	32	20	114	26	19
15	30	21	111	25	10
16	31	20	109	26	10
17	30	20	111	27	6
18	30	22	115	26	0
19	30	24	107	31	0
20	30	32	104	33	0
21	30	37	103	40	0
22	30	40	105	41	0
23	30	48	101	44	0
24	30	59	90	56	0
25	30	72	60	58	0
26	30	55	57	62	0
27	30	39	55	70	0
28	29	40	60	69	0
29	29	43	54	67	0
30	30	42	42	66	0
31	26	---	29	67	---
S.F.	869	914	2628	1121	639
Mean	28	30	85	36	21
Max.	34	72	115	70	67
Min.	0	20	29	18	0
A.F.	1720	1810	5210	2220	1270

Total 5 Months -12230 A.F.  
Acreage reported A-2312R-5647, A-3215c-325, A-3672-58, A-3980c-Supp, A-3980c-1681, A-3982c-Supp, A-4231-28, A-10209-87, A-10583-74, A-10584-77, A-14120-48, A-14814-40, A-15031-75, A-15236-40, A-15898-12, A-16082-16, A-16278-60, Total-8268

**ORD-NORTH LOUP SPILLWAY at Mile 16.69 Returned to North Loup River**  
Measured over 3-foot weir  
SW1/4NE1/4 Sec. 8-8-12 W. near North Loup  
Period of Record:  
May 1956 - September 1978, May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	6	8	12	7
2	0	6	7	8	8
3	5	6	6	10	7
4	3	6	11	10	6
5	1	6	8	10	6
6	2	6	5	12	12
7	2	5	6	9	10
8	0	5	5	8	8
9	0	5	3	8	8
10	1	5	2	8	9
11	3	6	1	6	8
12	3	6	0	7	7
13	4	6	0	7	6
14	8	6	0	10	4
15	7	6	0	8	3
16	5	5	6	5	3
17	3	5	5	8	3
18	1	5	5	9	2
19	2	5	6	6	0
20	2	6	11	5	0
21	2	4	8	5	0
22	1	2	7	6	0
23	2	4	2	3	0
24	3	2	8	2	0
25	4	2	7	4	0
26	5	11	12	3	0
27	5	6	13	1	0
28	6	12	13	1	0
29	6	12	14	1	0
30	6	9	7	2	0
31	6	---	4	7	---
S.F.	98	176	190	201	117
Mean	3	6	6	6	4
Max.	8	12	14	12	12
Min.	0	2	0	1	0
A.F.	190	350	380	400	230

Total 5 Months - 1550 A.F.

PLATTE RIVER BASIN  
( LOUP RIVER )

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-Feet--1985

	May	June	July	Aug.	Sept.	Total
<b>Diversions:</b>						
Taylor-Ord Canal	2610	4030	10920	6550	2480	26590
Burwell-Sumter Canal	2290	2000	5480	3950	1190	14910
Ord-North Loup Canal	1720	1810	5210	2220	1270	12230
<b>Total diverted:</b>	<b>6620</b>	<b>7840</b>	<b>21610</b>	<b>12720</b>	<b>4940</b>	<b>53730</b>
<b>Returned through spillways:</b>						
Taylor-Ord Mi. 33.90	70	180	230	230	210	920
Taylor-Ord Mi. 34.06	520	690	710	1060	420	3400
Burwell-Sumter	170	370	290	320	260	1410
Ord-North Loup	190	350	380	400	230	1550
<b>Total returned:</b>	<b>880</b>	<b>1410</b>	<b>1380</b>	<b>1780</b>	<b>910</b>	<b>6360</b>

PLATTE RIVER BASIN  
(ELKHORN RIVER)

WILLOW CREEK RESERVOIR STORAGE IN ACRE-FEET

On Willow Creek--NW1/4SE1/4, Sec. 33-26-2W. Near Pierce.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1637.8	18780
Top of conservation pool	1625.5	6890
Top of dead storage pool	1602.0	100

Year Ending December 31, 1985  
Period of Record:  
September 1983 - December 1985

Instantaneous Maximum & Minimum Reservoir Contents												
Date	Elevation	Max. Contents	Date	Elevation	Min. Contents							
Apr. 28	1628.16 ft	8940 acre-ft	Sep. 11	1624.04 ft	5840 acre-ft							
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7010	6930	7090	7220	8550	7100	7160	6360	5950	6030	6320	6460
2	7020	6920	7080	7250	8690	7140	7130	6330	5950	6040	6310	6460
3	7010	6920	7100	7270	8800	7040	7140	6320	5940	6050	6330	6460
4	7020	6930	7180	7260	8630	7020	7080	6320	5940	6080	6340	6480
5	7020	6930	7170	7270	8360	7040	7050	6320	5940	6080	6360	6500
6	7010	6930	7170	7270	8120	7020	7030	6280	5940	6080	6340	6500
7	7010	6920	7180	7270	7930	7010	7010	6250	5930	6080	6350	6500
8	6990	6930	7190	7270	7780	7010	7000	6210	5890	6080	6310	6500
9	6990	6930	7190	7270	7660	6990	6980	6160	5860	6060	6300	6500
10	6990	6920	7180	7280	7550	6960	6930	6140	5860	6090	6300	6510
11	6980	6920	7180	7280	7490	6960	6910	6130	5860	6120	6300	6530
12	6980	6930	7150	7270	7410	6950	6890	6100	5870	6160	6330	6540
13	6970	6940	7170	7220	7340	6940	6860	6090	5900	6150	6330	6540
14	7010	6940	7150	7210	7410	6940	6820	6050	5920	6170	6340	6550
15	7010	6960	7150	7220	7520	6940	6790	6020	5940	6200	6360	6560
16	7010	6940	7130	7210	7550	6940	6760	6000	5940	6200	6390	6560
17	7010	6900	7140	7180	7570	6920	6740	6040	5940	6200	6420	6550
18	7010	6910	7140	7180	7560	6890	6730	6030	5960	6200	6440	6560
19	6990	6940	7130	7160	7520	6880	6710	6030	5930	6220	6420	6570
20	6990	6940	7130	7150	7460	6870	6690	6010	5880	6220	6400	6570
21	6980	6960	7130	7160	7410	6870	6680	6000	5880	6220	6400	6590
22	6970	6990	7130	7220	7380	6840	6660	6010	5890	6240	6420	6600
23	6970	7020	7150	7470	7320	6840	6620	6030	5950	6240	6430	6600
24	6960	7040	7150	8120	7290	6810	6610	6020	5970	6260	6450	6570
25	6950	7060	7160	8420	7250	6800	6590	6010	5970	6270	6450	6580
26	6960	7060	7180	8630	7210	6910	6560	6010	5980	6290	6450	6630
27	6960	7070	7180	8840	7180	7130	6520	6010	6000	6280	6460	6620
28	6950	7090	7200	8900	7160	7170	6500	5990	5960	6300	6460	6620
29	6940	----	7180	8800	7160	7170	6420	5990	5970	6300	6460	6620
30	6920	----	7180	8590	7150	7180	6380	5950	6000	6300	6460	6630
31	6930	----	7200	----	7130	----	6380	5960	----	6310	----	6630

Application No. 15989, Plan No. 13999

WILLOW CREEK NEAR PIERCE

SE1/4SW1/4 Sec. 33-26-2W. Period of Record: January 1984 - December 1985  
EXTREMES FOR CURRENT YEAR:--Maximum Discharge Calendar Year 1985, 296 Cubic Feet Per Second at 1530 hours on April 28, 1985 at a Gage Height of 5.70 Feet. Minimum Daily Discharge, 4.6 Cubic Feet Per Second on July 16, 1985.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	21	9.6	17	32	218	19	25	6.9	7.2	6.9	8	8.9
2	20	9.6	17	34	252	18	23	6.4	8	7.5	8.3	8.9
3	17	9.2	20	35	279	17	21	6.1	8	7.8	8.3	8.9
5	15	9.6	28	35	244	17	19	6.4	7.5	7.2	8.3	8.9
5	14	9.9	26	37	184	16	17	6.4	7.8	7.5	8.6	8.6
6	14	10	26	36	141	16	14	6.4	7.8	7.8	8.6	8.3
7	14	9.9	26	37	110	15	13	6.4	8	8	8.9	8
8	13	10	26	37	90	15	12	5.8	8	8	8.9	8
9	13	10	26	36	76	13	10	5.6	8	7.5	8.9	8
10	13	10	26	35	64	12	8.9	5.3	7.8	7.8	8.6	7.8
11	12	10	26	35	56	12	6.9	5.3	7.5	7.8	8.6	7.8
12	12	9.6	25	33	48	10	7.2	5.6	7.2	7.8	8.3	7.5
13	12	9.2	26	32	42	9.9	7.8	5.6	6.9	7.5	8	7.5
14	12	8.3	25	30	52	9.9	7.2	5.8	6.9	7.8	8	7.4
15	11	8	25	29	62	10	6.4	6.1	6.6	7.8	7.8	7.4
16	12	8.3	23	28	63	10	4.6	6.1	6.9	7.8	8	7.4
17	12	7.8	23	28	64	10	5	6.1	6.9	7.8	8	7.4
18	12	7.8	24	26	62	8.6	5	5.6	7.2	7.8	8	7.3
19	12	7.8	24	25	57	7.5	5.6	5.6	7.2	8	8	7.3
20	12	8.6	24	25	52	7.8	5.6	5.3	6.9	7.8	8.3	7.3
21	11	10	24	25	46	8.5	5.8	5.3	6.9	7.8	8.3	7.2
22	10	11	25	31	41	7.8	5.8	5.6	6.6	8	8.6	7.2
23	10	12	26	70	38	7.5	5.8	5.6	6.4	8	8.6	7.2
24	9.6	13	26	149	39	8	6.1	5.6	6.6	7.8	8.6	7.2
25	9.2	14	28	203	32	8.3	6.1	5.8	6.6	7.5	8.6	7.1
26	9.6	15	29	253	28	13	6.1	6.1	6.6	7.8	8.6	7.1
27	9.2	15	29	291	26	25	6.1	6.6	6.4	7.5	8.3	7.1
28	9.2	16	31	291	24	27	6.1	6.6	6.4	7.5	8.6	7
29	9.2	----	30	267	25	26	6.4	6.9	6.4	7.5	8.6	7
30	9.2	----	30	224	26	25	6.4	6.9	6.9	7.5	8.9	7
31	8.9	----	33	----	22	----	6.6	6.9	----	7.8	----	7
S.F.	378.1	289.2	794	2449	2563	409.8	291.5	186.7	214.1	238.6	252.1	236.7
Mean	12	10	26	82	83	14	9	6	7	8	8	8
Max.	21	16	33	291	279	27	25	6.9	8	8	8.9	8.9
Min.	8.9	7.8	17	25	22	7.5	4.6	5.3	6.4	6.9	7.8	7
A.F.	750	570	1570	4860	5080	810	580	370	420	470	500	470
Total 12 Months	-16450 A.F.											

PLATTE RIVER BASIN  
(SALT CREEK)

OLIVE BRANCH LAKE (NO. 2) STORAGE IN ACRE-FEET

On Olive Branch Creek, tributary to Salt Creek--  
Sec. 10-7-5E near Kramer.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1350.0	5450
Top of conservation pool	1335.0	1490
Top of dead storage pool	1330.0	870

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	1480
January 31, 1985	1450
February 28, 1985	1520
March 31, 1985	1470
April 30, 1985	1460
May 31, 1985	1480
June 30, 1985	1390
July 31, 1985	1290
August 31, 1985	1240
September 30, 1985	1290
October 31, 1985	1280
November 30, 1985	1250
December 31, 1985	1230

BLUE STEM LAKE (NO. 4) STORAGE IN ACRE-FEET

On Salt Creek Tributary--Sec. 30-8-6E. near Martell.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1322.5	10200
Top of conservation pool	1308.0	3200
Top of dead storage pool	1303.0	2660

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	3110
January 31, 1985	3070
February 28, 1985	3170
March 31, 1985	3080
April 30, 1985	3190
May 31, 1985	3150
June 30, 1985	2970
July 31, 1985	2770
August 31, 1985	2650
September 30, 1985	2630
October 31, 1985	2680
November 30, 1985	2630
December 31, 1985	2610

WAGON TRAIN LAKE (NO. 8) STORAGE IN ACRE-FEET

On Salt Creek Tributary--Sec. 36-8-7E. near Holland.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1302.0	9100
Top of conservation pool	1288.0	2600
Top of dead storage pool	1283.5	1660

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	2620
January 31, 1985	2520
February 28, 1985	2660
March 31, 1985	2520
April 30, 1985	2550
May 31, 1985	2510
June 30, 1985	2410
July 31, 1985	2280
August 31, 1985	2190
September 30, 1985	2200
October 31, 1985	2290
November 30, 1985	2270
December 31, 1985	2310

STAGE COACH LAKE (NO. 9) STORAGE IN ACRE-FEET

On the South Branch of Salt Creek--Sec. 4-7-7E. near  
Hickman.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1285.0	6700
Top of conservation pool	1271.0	1900
Top of dead storage pool	1261.0	460

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	1940
January 31, 1985	1910
February 28, 1985	1970
March 31, 1985	1950
April 30, 1985	1940
May 31, 1985	1930
June 30, 1985	1900
July 31, 1985	1830
August 31, 1985	1800
September 30, 1985	1800
October 31, 1985	1890
November 30, 1985	1890
December 31, 1985	1930

PLATTE RIVER BASIN  
( SALT CREEK )

**YANKEE HILL LAKE (NO. 10) STORAGE IN ACRE-FEET**

On Cardwell Branch of Salt Creek--Sec. 19-9-6E. near Denton.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1262.0	7500
Top of conservation pool	1245.0	2000
Top of dead storage pool	1237.0	720

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	2080
January 31, 1985	2040
February 28, 1985	2130
March 31, 1985	2130
April 30, 1985	2230
May 31, 1985	2200
June 30, 1985	2030
July 31, 1985	1930
August 31, 1985	1870
September 30, 1985	1860
October 31, 1985	1900
November 30, 1985	1880
December 31, 1985	1890

**CONESTOGA LAKE (NO. 12) STORAGE IN ACRE-FEET**

On Holmes Creek, tributary to Salt Creek--Sec. 10-9-5E near Denton.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1252.0	10600
Top of conservation pool	1233.0	2700
Top of dead storage pool	1228.0	1700

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	2720
January 31, 1985	2660
February 28, 1985	2730
March 31, 1985	2700
April 30, 1985	2720
May 31, 1985	2660
June 30, 1985	2610
July 31, 1985	2650
August 31, 1985	2620
September 30, 1985	2680
October 31, 1985	2660
November 30, 1985	2640
December 31, 1985	2650

**TWIN LAKES (NO. 13) STORAGE IN ACRE-FEET**

On the South Branch of Middle Creek--Sec. 22-10-4E. near Pleasant Dale.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1355.0	8000
Top of conservation pool	1341.0	2850
Top of dead storage pool	1333.0	1200

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	2890
January 31, 1985	2850
February 28, 1985	2880
March 31, 1985	2860
April 30, 1985	2900
May 31, 1985	2930
June 30, 1985	2800
July 31, 1985	2880
August 31, 1985	2940
September 30, 1985	2880
October 31, 1985	2860
November 30, 1985	2860
December 31, 1985	2870

**PANNEE LAKE (NO. 14) STORAGE IN ACRE-FEET**

On the North Branch of Middle Creek--Sec. 16-10-5E. near Emerald.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1263.5	29450
Top of conservation pool	1244.5	8600
Top of dead storage pool	1233.0	2460

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	8730
January 31, 1985	8600
February 28, 1985	8710
March 31, 1985	8700
April 30, 1985	8910
May 31, 1985	8710
June 30, 1985	8640
July 31, 1985	8780
August 31, 1985	8660
September 30, 1985	8750
October 31, 1985	8740
November 30, 1985	8660
December 31, 1985	8640

PLATTE RIVER BASIN  
( SALT CREEK )

**ANTELOPE LAKE (HOLMES PARK NO. 17) STORAGE IN ACRE-FEET**

On Antelope Creek, tributary to Salt Creek--Sec. 4-9-7E.  
in Lincoln.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1266.0	6750
Top of conservation pool	1242.5	1050
Top of dead storage pool	1239.0	720

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	790
January 31, 1985	772
February 28, 1985	807
March 31, 1985	802
April 30, 1985	828
May 31, 1985	788
June 30, 1985	811
July 31, 1985	798
August 31, 1985	768
September 30, 1985	795
October 31, 1985	787
November 30, 1985	756
December 31, 1985	747

**BRANCHED OAK LAKE (NO. 18) STORAGE IN ACRE-FEET**

On Oak Creek, tributary to Salt Creek--Sec. 34-12-5E.  
near Raymond.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1311.5	97000
Top of conservation pool	1284.0	26000
Top of dead storage pool	1276.3	14500

Year ending December 31, 1985

Period of Published Record: October 1977 to December 1985

Date	Contents (acre-feet)
December 31, 1984	27100
January 31, 1985	26570
February 28, 1985	26970
March 31, 1985	26700
April 30, 1985	27150
May 31, 1985	27240
June 30, 1985	26650
July 31, 1985	27350
August 31, 1985	27120
September 30, 1985	26830
October 31, 1985	27100
November 30, 1985	26720
December 31, 1985	26770

**HAIGLER CANAL from Republican River--Measured through 5-foot Parshall flume--Sec. 2-1-43 W. Record Supplied by the State of Colorado**

Period of Record:  
 May 1927 - October 1927, October 1940 - September 1941  
 July 1949 - September 1956, April 1962 - October 1985

Date	May	June	July	Aug.	Sept.	Oct.
1	0	14	31	16	23	18
2	0	13	30	9.4	23	18
3	0	19	27	10	24	18
4	0	20	25	12	21	0
5	0	16	24	23	19	0
6	0	15	22	26	20	0
7	0	24	23	27	19	0
8	0	29	23	26	18	0
9	0	31	24	26	18	0
10	0	30	24	25	18	0
11	0	30	23	24	18	0
12	0	29	21	20	18	0
13	0	26	22	18	17	0
14	0	27	24	18	17	0
15	0	26	27	18	17	0
16	0	26	26	18	17	0
17	0	26	24	18	19	0
18	0	26	24	18	21	0
19	0	27	28	18	22	0
20	0	27	35	18	23	0
21	0	27	33	18	18	0
22	0	27	34	18	15	0
23	0	26	34	30	18	0
24	0	28	34	33	18	0
25	18	28	33	32	18	0
26	18	29	28	33	18	0
27	18	27	28	31	18	0
28	18	25	31	30	18	0
29	18	26	34	27	18	0
30	16	27	28	25	18	0
31	16	---	31	24	---	0
S.F.	122	751	855	689.4	569	54
Mean	4	25	28	22	19	2
Max.	18	31	35	33	24	18
Min.	0	13	21	9.4	15	0
A.F.	240	1490	1700	1370	1130	110
Total 6 Months	- 6040 A.F.					

**HAIGLER CANAL from Republican River at the Colorado-Nebraska State Line Measured through a 4-foot Parshall flume--Sec. 15-1-42 W. Period of Record: May 1965 - October 1985**

Date	May	June	July	Aug.	Sept.	Oct.
1	0	13	23	17	13	14
2	0	11	21	8.7	16	14
3	0	14	18	8.8	17	14
4	0	20	16	10	18	0
5	0	15	15	16	14	0
6	0	13	14	21	16	0
7	0	17	15	20	14	0
8	0	23	15	19	14	0
9	0	24	17	16	13	0
10	0	25	16	16	10	0
11	0	25	14	18	11	0
12	0	25	14	18	10	0
13	0	22	14	13	10	0
14	0	21	14	14	10	0
15	0	23	17	16	10	0
16	0	21	19	12	9.7	0
17	0	20	17	10	10	0
18	0	21	15	10	13	0
19	0	21	18	13	13	0
20	0	21	24	9.7	14	0
21	0	17	26	8.5	14	0
22	0	19	25	11	14	0
23	0	20	28	23	14	0
24	0	21	29	21	13	0
25	17	20	27	24	13	0
26	17	22	22	24	13	0
27	17	20	18	21	12	0
28	9.6	17	20	18	13	0
29	18	19	26	16	13	0
30	16	21	20	16	13	0
31	14	---	27	14	---	0
S.F.	108.6	591	604	482.7	387.7	42
Mean	4	20	19	16	13	1
Max.	18	25	29	24	18	14
Min.	0	11	14	8.5	9.7	0
A.F.	220	1170	1200	960	770	80
Total 6 Months	- 4400 A.F.					

**HAIGLER CANAL SPILLBACK to Arikaree River Measured through 4-foot Parshall flume NW1/4NW1/4 Sec. 31-1-42 W. near Haigler Period of Record: May 1985 - October 1985**

Date	May	June	July	Aug.	Sept.	Oct.
1	0	8.3	0	15	0.6	8.5
2	0	6.2	0	8.7	2	7.5
3	0	6.9	0	5.4	1.6	8.7
4	0	8.6	0	6.2	2.4	0
5	0	6.1	0	7	5.7	0
6	0	2.8	0	13	4.7	0
7	0	1	0	10	11	0
8	0	4.2	0	6.3	10	0
9	0	3.6	0	1.3	9.6	0
10	0	2.5	0	0.8	7.1	0
11	0	0	0	0.6	9.5	0
12	0	0	0	3.9	9.3	0
13	0	0	0	1.7	6.6	0
14	0	0	0	1.6	6.4	0
15	0	0	0	7.6	5.2	0
16	0	0	0	7.7	5.4	0
17	0	0.1	0	7	5.4	0
18	0	0	0	5	3.5	0
19	0	0	0	5.5	9.3	0
20	0	0	4.7	6.6	9.5	0
21	0	0	5.6	3.7	10	0
22	0	0	1.9	0.7	8.3	0
23	0	0	2.3	2.2	7.7	0
24	0	0	4.6	3.1	9.1	0
25	14	0	3.8	0.6	9.1	0
26	14	0	1.3	4	9.5	0
27	14	0	0	3.1	10	0
28	8.5	0	0	1.7	10	0
29	13	0	3	0.8	11	0
30	10	0	4.2	2.1	8.9	0
31	9.1	---	12	2.6	---	0
S.F.	82.6	50.3	43.4	145.5	218.4	24.7
Mean	2.7	1.6	1.4	4.7	7	0.8
Max.	14	8.6	12	15	11	8.7
Min.	0	0	0	0.6	0.6	0
A.F.	164	100	86	289	433	49
Total 6 Months	- 1120 A.F.					

**MEEKER-DRIFTWOOD CANAL from Republican River Measured through 12-foot Parshall flume SW1/4NW1/4 Sec. 9-2-33 W. Below Trenton Dam Period of Record: May 1957 - September 1985**

Date	May	June	July	Aug.	Sept.
1	0	0	32	202	184
2	0	0	61	200	172
3	0	0	86	198	157
4	0	0	94	198	148
5	0	0	108	198	137
6	0	17	115	218	102
7	0	17	115	226	89
8	0	17	181	219	89
9	0	17	278	205	83
10	0	38	309	199	70
11	0	45	309	199	59
12	0	62	309	218	50
13	0	70	309	246	14
14	0	70	309	261	0
15	0	70	283	250	0
16	0	70	259	214	0
17	0	71	254	201	0
18	0	88	254	201	0
19	0	95	239	189	0
20	0	104	234	197	0
21	0	137	234	201	0
22	0	150	223	196	0
23	0	150	213	184	0
24	0	179	187	179	0
25	0	205	152	178	0
26	0	98	138	206	0
27	0	23	137	241	0
28	0	0	136	252	0
29	0	0	151	248	0
30	0	0	173	204	0
31	0	0	193	184	---
S.F.	0	1793	6075	6512	1354
Mean	0	60	196	210	45
Max.	0	205	309	261	184
Min.	0	0	32	178	0
A.F.	0	3560	12050	12920	2690
Total 5 Months	- 31220 A.F.				
D-4, A-3869BR, A-3887CR, A-6213, A-6225G, A-9690, A-9911, A-10590, A-11946, A-13227, A-14157, A-14180, A-15130, A-15138, A-15805, A-15811					

REPUBLICAN RIVER BASIN

CHAMPION CANAL from Frenchman River  
Measured in section of canal  
NE1/4SE1/4 Sec. 24-5-40 W. near Champion

Period of Record:  
April 1923 - October 1923, March 1925 - December 1925  
February 1927 - September 1928, April 1933 - September 1933  
October 1938 - September 1941, April 1963 - November 1985

Date	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
1	-	7.4	5.6	2	2.8	1.4	3.1	2.4
2	-	7.4	5.6	2	2.8	3.2	3	2.4
3	-	7.2	5.7	1.9	2.8	3.4	3	2.4
4	-	7.1	6.2	1.9	2.7	3.2	3	2.3
5	-	7.1	6.4	1.9	2.6	3.1	2.9	2.3
6	-	7.1	6.5	1.9	2.1	2.8	2.8	2.4
7	-	7	6.3	1.9	1.9	2.6	2.9	2.4
8	-	6.9	6.2	1.5	1.6	2.5	2.9	2.4
9	-	6.9	5.9	1.3	1.3	2.3	3	2.4
10	-	6.8	5.7	1.3	1	2.2	3	2.3
11	-	6.9	5.6	1.3	0.9	2.3	3	2.3
12	-	7	5.6	1.4	0.9	2.6	3	2.3
13	-	7.3	5.5	1.1	0.9	2.7	2.9	2.3
14	-	7.9	5.5	1.1	0.8	2.7	2.9	2.5
15	6.2	8	5.4	1.5	0.8	2.8	2.8	2.3
16	6.2	7.8	5.1	1.7	0.8	2.8	2.8	2.1
17	6.3	7.5	4.8	1.6	0.9	2.8	2.8	2.2
18	6.4	7.2	4.5	1.6	0.8	2.7	3	2.1
19	6.4	7.1	4.4	1.7	0.8	2.6	3	1.7
20	6.3	6.9	4.3	1.7	0.8	2.6	3.3	1.2
21	6.6	6.8	4.2	1.4	0.8	2.6	3	1.3
22	6.7	6.6	3.9	1.4	0.7	2.6	3	1
23	6.6	6.5	3.6	1.4	0.7	2.8	3	0.9
24	6.6	6.4	2.8	1.4	0.7	2.9	2.8	0.8
25	6.8	6.2	2.3	1.4	0.7	2.9	2.7	0.7
26	7.1	6.2	2.4	1.4	0.6	2.8	2.6	0.9
27	7.3	6.1	2.5	1.4	0.7	2.8	2.5	0.5
28	7.3	6.2	2.7	1.5	0.6	2.8	2.5	0.4
29	7.4	6.1	2.6	1.9	0.6	3.1	2.4	0.3
30	7.5	6	2.3	2.5	0.6	3.2	2.3	0.2
31	---	5.8	---	2.8	0.6	---	2.3	---
S.F.	107.7	213.4	140.1	50.8	37.3	81.8	88.2	51.7
Mean	3.5	6.9	4.5	1.6	1.2	2.6	2.8	1.7
Max.	7.5	8	6.5	2.8	2.8	3.4	3.3	2.5
Min.	0	5.8	0	1.1	0.6	1.4	2.3	0.2
A.F.	214	423	278	101	74	162	175	103
Total 8 months		1530	A.F.					

D-47

CULBERTSON CANAL from Frenchman River  
Measured through 18-foot Parshall flume  
SW1/4NE1/4 Sec. 32-5-33 W. near Fallsade  
Period of Record: June 1920 - September 1985

Date	Apr.	May	June	July	Aug.	Sept.
1	0	66	44	107	155	160
2	0	63	44	108	147	110
3	0	59	44	99	136	63
4	0	57	48	87	131	16
5	0	57	52	94	126	0
6	0	55	54	109	133	0
7	0	54	50	117	158	0
8	0	53	47	134	161	0
9	0	52	45	157	157	0
10	0	51	45	192	135	0
11	0	50	43	215	135	0
12	0	51	43	225	171	0
13	0	56	44	212	180	0
14	0	66	44	213	196	0
15	10	72	43	193	208	0
16	38	72	41	176	193	0
17	48	71	39	172	167	0
18	49	62	36	175	161	0
19	49	57	35	182	159	0
20	49	53	34	183	153	0
21	49	50	34	179	180	0
22	48	49	46	155	194	0
23	48	49	71	145	194	0
24	47	48	113	150	193	0
25	52	48	137	143	195	0
26	58	47	112	96	206	0
27	57	46	102	95	217	0
28	57	47	88	91	230	0
29	65	48	112	108	228	0
30	67	46	107	137	210	0
31	---	45	---	149	175	---
S.F.	791	1700	1797	4598	5384	349
Mean	26	55	60	148	174	12
Max.	67	72	137	225	230	160
Min.	0	45	34	87	126	0
A.F.	1570	3370	3560	9120	10680	690
Total 6 Months	-28990	A.F.				
D-24, A-3869AR, A-6214, A-6225H, A-9697, A-9782, A-9802, A-13016, A-14249, A-15678, A-15839						

RIVERSIDE CANAL from Frenchman River  
Measured in section of channel  
NE1/4SE1/4 Sec. 33-4-32 W. near Culbertson  
Period of Record: July 1920 - October 1925

April 1923 - October 1923, May 1925 - October 1925  
June 1927 - October 1927, May 1937 - September 1941  
April 1953 - September 1958, May 1963 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	11	10	11	0.1
2	0	11	10	8.1	6
3	0	10	9.1	5.1	12
4	0	11	8.1	4.5	12
5	0	10	7.7	4.1	10
6	0	11	7	3.3	3.2
7	0	9.7	6.7	2.9	4.5
8	0.7	9.3	8.2	3.4	4.5
9	6.4	9.3	12	3.3	3.9
10	1.9	9.2	12	2.3	3.9
11	11	9.3	12	2.8	3.8
12	13	9.2	7.4	2.1	1.7
13	14	8.8	5.2	4.6,	0.4
14	14	8.4	3.8	6.5	0
15	13	8	4.2	8.9	0
16	13	7.9	3.1	6.9	0
17	9.3	7.7	3.1	3.6	0
18	0	7.3	1.8	2.9	0
19	0	7.3	3.4	2.7	0
20	0	7.1	7.2	1.4	0
21	0	7.3	10	2.5	0
22	0	7.1	7.2	5.7	0
23	0	7.2	3.9	3	0
24	0	7.5	2.7	3.2	0
25	1.8	9.6	3.9	4.3	0
26	8.2	0	3.8	3.4	0
27	11	0	4.8	4.2	0
28	10	0	3.4	3.7	0
29	9.8	0	4.6	4.2	0
30	7.2	1	13	1.7	0
31	8.5	---	12	0.6	---
S.F.	152.8	222.2	211.2	126.9	66
Mean	4.9	7.2	6.8	4.1	2.1
Max.	14	11	13	11	12
Min.	0	0	1.8	0.6	0
A.F.	303	441	419	252	131
Total 5 Months	-1550	A.F.			
D-18, A-1674					

RED WILLOW CANAL from Red Willow Creek  
Measured through orifice check  
SW1/4SE1/4 Sec. 25-4-29 W. near Red Willow  
Period of Record: May 1963 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	26	56	42
2	0	0	16	60	39
3	0	0	15	61	40
4	0	0	15	61	40
5	0	0	26	58	34
6	0	0	31	56	28
7	0	0	31	52	28
8	0	0	55	49	28
9	0	0	81	47	9.2
10	0	27	91	47	0
11	0	26	96	47	0
12	0	22	88	52	0
13	0	18	88	63	0
14	0	18	86	51	0
15	0	18	89	43	0
16	0	18	88	35	0
17	0	18	85	31	0
18	0	23	85	31	0
19	0	25	64	38	0
20	0	31	49	50	0
21	0	39	49	54	0
22	0	42	47	55	0
23	0	42	42	59	0
24	0	49	30	60	0
25	0	62	22	58	0
26	0	33	20	63	0
27	0	18	20	71	0
28	0	17	20	74	0
29	0	17	34	67	0
30	0	17	41	48	0
31	0	---	48	40	---
S.F.	0	580	1578	1637	288.2
Mean	0	19	51	53	10
Max.	0	62	96	74	42
Min.	0	0	15	31	0
A.F.	0	1150	3130	3250	570
Total 5 Months	-8100	A.F.			
A-3869CR, A-6216, A-6225J, A-10195, A-11512, A-12068, A-12201, A-13230, A-14156, A-14178, A-15806, A-15813					



**BARTLEY CANAL from Republican River**  
Measured through 8-foot Parshall flume  
NW1/4SW1/4 Sec. 16-3-27 W. near Indianola  
Period of Record: May 1955 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	17	69	64
2	0	0	15	74	56
3	0	0	15	77	56
4	0	0	15	76	58
5	0	0	43	69	41
6	0	0	60	63	27
7	0	0	60	57	23
8	0	0	82	60	23
9	0	0	102	61	18
10	0	6.3	113	60	14
11	0	28	116	60	12
12	0	24	109	73	11
13	0	21	106	82	3.7
14	0	24	105	49	0
15	0	25	93	29	0
16	0	25	77	26	0
17	0	25	69	24	0
18	0	30	70	24	0
19	0	34	41	27	0
20	0	35	21	37	0
21	0	38	20	39	0
22	0	39	16	39	0
23	0	39	16	54	0
24	0	40	16	64	0
25	0	52	14	66	0
26	0	37	13	85	0
27	0	26	13	97	0
28	0	26	12	95	0
29	0	23	34	90	0
30	0	22	47	74	0
31	0	---	57	64	---
S.F.	0	619.3	1587	1864	406.7
Mean	0	21	51	60	14
Max.	0	52	116	97	64
Min.	0	0	12	24	0
A.F.	0	1230	3150	3700	810
Total 5 Months - 8890 A.F.					
A-3869DR, A-6217, A-6225K, A-10196, A-11042, A-11533, A-11920, A-13229, A-14158, A-14179, A-15803, A-15812					

**CAMBRIDGE CANAL from Republican River**  
Measured through 15-foot Parshall flume  
SE1/4NE1/4 Sec. 26-4-25 W. near Cambridge  
Period of Record: October 1951 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	48	64	157
2	0	0	68	66	130
3	0	43	108	68	118
4	0	34	115	68	122
5	0	67	173	84	109
6	0	64	194	110	79
7	0	43	194	143	70
8	0	27	254	165	70
9	0	30	309	188	70
10	0	36	313	192	65
11	0	46	303	192	51
12	0	50	263	220	46
13	0	50	245	252	16
14	0	50	243	259	0
15	0	50	165	254	0
16	0	50	127	225	0
17	0	49	138	208	0
18	0	49	152	208	0
19	0	49	111	192	0
20	0	92	86	173	0
21	0	104	86	160	0
22	0	100	73	160	0
23	0	104	57	164	0
24	0	120	54	164	0
25	0	147	52	163	0
26	0	101	49	184	0
27	0	49	49	200	0
28	0	50	48	209	0
29	0	49	69	212	0
30	0	50	78	170	0
31	0	---	80	156	---
S.F.	0	1753	4304	5273	1103
Mean	0	58	139	170	37
Max.	0	147	313	259	157
Min.	0	0	48	64	0
A.F.	0	3480	8540	10460	2190
Total 5 Months - 24670 A.F.					
A-3869E, A-6218, A-6225L, A-9479, A-9763, A-10591, A-11041, A-12067, A-12200, A-13228, A-14159, A-14181, A-15131, A-15137, A-15804					

**NAPONEE CANAL from Republican River**  
Measured through Sparling meter  
NE1/4NE1/4 Sec. 14-1-17 W. Below Harlan County Dam  
Period of Record: May 1955 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	22	16	18
2	0	0	25	16	15
3	0	0	29	16	13
4	0	0	33	16	12
5	0	0	34	16	11
6	0	0	31	16	9.7
7	0	0	29	16	9
8	0	0	32	16	9
9	0	0	34	16	9
10	0	0	34	16	4.5
11	0	0	30	16	0
12	0	0	27	16	0
13	0	0	27	16	0
14	0	0	28	23	0
15	0	0	34	31	0
16	0	0	37	34	0
17	0	0	37	34	0
18	0	0	37	34	0
19	0	0	34	34	0
20	0	0	29	34	0
21	0	11	24	27	0
22	0	16	19	19	0
23	0	18	17	15	0
24	0	26	8.6	14	0
25	0	30	0	14	0
26	0	30	0	14	0
27	0	27	0	17	0
28	0	27	7.2	19	0
29	0	24	19	19	0
30	0	22	24	19	0
31	0	---	21	19	---
S.F.	0	231	762.8	628	110.2
Mean	0	8	25	20	4
Max.	0	30	37	34	18
Min.	0	0	0	14	0
A.F.	0	460	1510	1250	220
Total 5 Months - 3440 A.F.					
A-4217, A-6220, A-6225M, A-9463, A-9722, A-10965, A-13269, A-16148, A-16156					

**FRANKLIN CANAL from Republican River**  
Measured through orifice  
NW1/4NE1/4 Sec. 11-1-17 W. Below Harlan County Dam  
Period of Record: May 1954 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	207	126	187
2	0	0	221	221	175
3	0	0	228	116	172
4	0	0	243	239	179
5	0	0	249	120	174
6	0	0	235	127	156
7	0	0	252	201	133
8	0	0	252	127	119
9	0	0	252	119	113
10	0	0	252	119	100
11	0	0	251	123	90
12	0	0	251	144	70
13	0	0	252	183	15
14	0	0	252	202	0
15	0	0	250	208	0
16	0	0	252	220	0
17	0	0	251	230	0
18	0	0	251	231	0
19	0	0	248	217	0
20	0	0	247	217	0
21	0	32	223	213	0
22	0	54	186	202	0
23	0	54	161	190	0
24	0	95	147	173	0
25	0	151	146	157	0
26	0	168	145	157	0
27	0	168	143	180	0
28	0	168	150	209	0
29	0	175	165	217	0
30	0	192	174	211	0
31	0	---	157	193	---
S.F.	0	1257	6693	5592	1683
Mean	0	42	216	180	56
Max.	0	192	252	239	187
Min.	0	0	143	116	0
A.F.	0	2490	13280	11090	3340
Total 5 Months - 30200 A.F.					
A-2691A, A-2691BR, A-4216, A-6221, A-6225O, A-8259, A-9623, A-9724, A-10964, A-12796, A-13268, A-14162, A-14163, A-15488, A-15518, A-16099, A-16108					

## REPUBLICAN RIVER BASIN

FRANKLIN PUMP CANAL from Republican River  
Measured through 4-foot Parshall flume  
NW1/4NE1/4 Sec. 10-1-14 W. near Franklin  
Period of Record: May 1954 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	20	0	18
2	0	0	27	0	13
3	0	0	31	0	11
4	0	0	33	0	4.3
5	0	0	37	0	0
6	0	0	41	0	0
7	0	0	40	0	0
8	0	0	40	0	0
9	0	0	43	0	0
10	0	0	44	0	0
11	0	0	43	0	0
12	0	0	42	7	0
13	0	0	42	23	0
14	0	0	40	31	0
15	0	0	38	31	0
16	0	0	35	34	0
17	0	0	36	34	0
18	0	0	35	34	0
19	0	0	35	35	0
20	0	0	35	36	0
21	0	0	10	34	0
22	0	0	0	30	0
23	0	0	0	29	0
24	0	0	0	29	0
25	0	0	0	28	0
26	0	0	0	28	0
27	0	0.14	0	28	0
28	0	9	0	27	0
29	0	14	0	27	0
30	0	14	5.9	26	0
31	0	---	4.7	21	---
S.F.	0	37.14	757.6	572	46.3
Mean	0	1	24	18	2
Max.	0	14	44	36	18
Min.	0	0	0	0	0
A.F.	0	70	1500	1130	90

Total 5 Months - 2790 A.F.  
A-4227, A-6222, A-6225P, A-10962,  
A-15268, A-16150, A-16158

COURTLAND CANAL from Republican River  
Measured through orifice  
NE1/4NE1/4 Sec. 18-1-9 W. near Guide Rock  
Period of Record: May 1952 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	91	380	258	152
2	0	90	396	153	152
3	0	90	377	154	152
4	0	90	374	151	140
5	0	90	375	80	116
6	0	90	375	50	107
7	0	91	376	51	105
8	0	93	377	67	104
9	0	92	373	75	90
10	0	117	381	79	70
11	0	129	388	79	50
12	0	129	410	98	14
13	0	129	438	118	0
14	0	116	499	130	0
15	0	112	514	131	0
16	0	111	561	132	0
17	0	133	584	162	0
18	0	144	589	175	0
19	0	126	588	209	0
20	0	153	596	242	0
21	0	178	549	264	0
22	0	204	458	277	0
23	0	211	347	260	0
24	0	222	314	239	0
25	0	226	319	235	0
26	0	263	317	233	0
27	0	333	317	226	0
28	0	364	319	225	0
29	0	376	336	214	0
30	0	382	348	207	0
31	0	---	286	167	---
S.F.	0	4975	12861	5141	1252
Mean	0	166	415	166	42
Max.	0	382	596	277	152
Min.	0	90	286	50	0
A.F.	0	9870	25510	10280	2480

Total 5 Months - 48060 A.F.  
A-4222, A-6224, A-6225S, A-10963,  
A-13210, A-13270, A-16149, A-16157

COURTLAND CANAL from Republican River  
Measured at Nebraska-Kansas State Line  
SW1/4SE1/4 Sec. 32-1-7 W.  
Period of Record: October 1954 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	62	338	174	126
2	0	64	332	126	126
3	0	61	334	160	128
4	0	62	330	136	122
5	0	60	328	71	101
6	0	60	326	39	91
7	0	59	326	38	88
8	0	63	328	49	84
9	0	62	328	58	73
10	0	83	330	60	58
11	0	100	332	60	44
12	0	102	352	77	29
13	0	103	376	100	16
14	0	89	388	106	11
15	0	85	452	100	7
16	0	84	508	98	9.2
17	0	101	520	121	11
18	0	114	522	149	9.2
19	0	121	522	171	13
20	0	125	534	211	1.9
21	0	142	529	240	0
22	87	168	456	254	0
23	104	180	352	242	0
24	96	190	294	222	0
25	88	195	296	209	0
26	88	229	294	209	0
27	88	296	290	203	0
28	70	326	294	195	0
29	72	330	308	188	0
30	74	342	326	182	0
31	60	---	280	149	---
S.F.	827	4058	11525	4397	1148.
Mean	27	135	372	142	38
Max.	104	342	534	254	128
Min.	0	59	280	38	0
A.F.	1640	8050	22860	8720	2280

Total 5 Months - 43550 A.F.

SUPERIOR CANAL from Republican River  
Measured through 12-foot Parshall flume  
NE1/4NW1/4 Sec. 8-1-9 W. near Guide Rock  
Period of Record: May 1951 - September 1985

Date	May	June	July	Aug.	Sept.
1	0	0	128	71	71
2	0	0	132	64	64
3	0	0	132	30	57
4	0	0	133	0	50
5	0	0	132	0	33
6	0	0	133	0	10
7	0	0	133	0	0
8	0	0	132	64	0
9	0	0	132	100	0
10	0	0	133	100	0
11	0	0	134	100	0
12	0	0	135	99	0
13	0	0	135	99	0
14	0	0	136	100	0
15	0	0	137	101	0
16	0	0	135	101	0
17	0	0	135	102	0
18	0	0	136	102	0
19	0	0	137	102	0
20	0	0	139	102	0
21	0	0	122	102	0
22	0	0	84	100	0
23	0	0	85	100	0
24	0	0	85	95	0
25	0	56	85	91	0
26	0	81	85	89	0
27	0	111	84	79	0
28	0	119	85	70	0
29	0	117	117	71	0
30	0	116	120	71	0
31	0	---	85	71	---
S.F.	0	600	3716	2376	285
Mean	0	20	120	77	10
Max.	0	119	139	102	71
Min.	0	0	84	0	0
A.F.	0	1190	7370	4710	570

Total 5 Months - 13840 A.F.  
A-2691CR, A-4221, A-6223, A-6225R,  
A-9723, A-9875, A-10966, A-13271,  
A-16100, A-16107

BIG BLUE RIVER BASIN

**SOAP CREEK**  
near DeWitt--NW1/4NE1/4 Sec. 34-5-5 E.  
Period of Record: May 1985 - September 1985

Date	May	June	July	Aug.	Sept.
1	-	0.1	0.05	2	0.05
2	-	0.1	0.1	0.95	0.03
3	-	0.1	0.42	0.76	0.03
4	-	0.17	0.32	0.64	0.03
5	-	0.23	0.3	0.37	0.03
6	-	0.17	0.14	1.5	0.03
7	-	0.17	0.35	4.2	0.03
8	-	0.17	0.03	0.76	0.03
9	-	0.44	0.01	0.17	0.03
10	-	0.39	0.03	0.1	0.05
11	-	0.32	0.02	0.03	0.05
12	-	0.14	0.28	0.03	0.05
13	-	0.14	0.1	0.01	47
14	-	0.17	0.02	0.03	12
15	-	0.2	0.01	0.3	1.1
16	-	0.12	0	0.1	0.23
17	1	0.12	0	4.4	0.23
18	0.7	0.03	0.03	2.7	0.2
19	2.7	0.1	0.66	0.64	0.16
20	1.1	0.27	0.07	0.23	0.17
21	0.82	0.43	0.01	0.14	-
22	0.7	0.27	0	0.1	-
23	0.59	0.79	0	0.1	-
24	0.43	2.3	0	0.1	-
25	0.32	0.53	0	0.05	-
26	0.27	1.1	0.13	0.1	-
27	0.23	1.6	0.14	0.05	-
28	2	0.14	1.1	0.03	-
29	0.37	0.05	1.2	0.03	-
30	0.32	0.05	9.5	0.03	-
31	0.14	-----	3.4	0.03	-----
S.F.	11.69	10.91	18.42	20.68	61.53
Mean	0.8	0.4	0.6	0.7	3.1
Max.	2.7	2.3	9.5	4.4	47
Min.	0.14	0.03	0	0.01	0.03
A.F.	23	22	37	41	122
Total 5 Months -	245 A.F.*				

\*Partial year's record

**TURKEY CREEK**  
near DeWitt--NE1/4SW1/4 Sec. 29-5-5 E.  
Period of Record: May 1985 - November 1985

Date	May	June	July	Aug.	Sept.	Oct.	Nov.
1	-	60	118	75	21	148	51
2	-	52	75	51	20	109	48
3	-	47	52	52	19	101	47
4	-	45	43	136	18	104	45
5	-	47	34	95	19	89	43
6	-	47	32	331	18	77	42
7	-	49	29	597	18	68	40
8	-	50	27	273	18	61	37
9	-	54	21	104	18	56	37
10	-	56	17	76	18	55	38
11	-	62	18	68	18	61	37
12	-	92	18	52	18	65	35
13	-	69	18	47	950	71	35
14	-	84	20	45	1260	69	34
15	-	101	19	20	999	61	33
16	-	96	16	36	842	50	33
17	824	177	18	46	657	43	32
18	411	146	16	62	330	190	32
19	476	108	14	25	135	572	31
20	363	149	12	16	75	438	50
21	142	120	11	52	34	337	50
22	110	93	10	50	75	210	42
23	96	79	8	50	114	117	34
24	96	112	18	49	59	81	34
25	84	179	36	43	59	75	42
26	82	101	29	39	56	65	-
27	86	112	25	31	50	127	-
28	72	104	21	28	48	74	-
29	68	63	18	28	46	62	-
30	58	59	30	29	115	56	-
31	58	---	80	24	---	55	-
S.F.	3026	2613	903	2632	6127	3747	982
Mean	202	87	29	85	204	121	39
Max.	824	179	118	597	1260	572	51
Min.	58	45	8	16	18	43	31
A.F.	6000	5180	1790	5220	12150	7430	1950
Total 7 Months -	39720 A.F.*						

\*Partial year's record

MISCELLANEOUS DISCHARGE MEASUREMENTS OF  
RIVERS AND STREAMS

1985

CHEYENNE RIVER BASIN  
( HAT CREEK )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge</u> <u>sec.-ft.</u>
<b>HAT CREEK</b>		
WARBONNET CREEK BELOW WARBONNET CANAL NE1/4NW1/4 SEC. 21-33-56 W.	09-27	0.00
JIM CREEK AT JUNCTION WITH WARBONNET CREEK NW1/4SW1/4 SEC. 10-33-56 W.	09-27	0.50
MONROE CREEK BELOW BIG MONROE CANAL SW1/4NE1/4 SEC. 33-33-56 W.	09-27	0.01

## WHITE RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>WHITE RIVER</u>			SPRING CREEK NEAR CRAWFORD NE1/4NE1/4 SEC. 13-32-52 W.	04-24	0.00
SPRING BRANCH CREEK, TRIB TO, WHITE RIVER SW1/4NW1/4 SEC. 34-31-54 W.	04-29	0.52	LITTLE COTTONWOOD CREEK NEAR CRAWFORD NE1/4NE1/4 SEC. 8-32-51 W.	04-24	0.00
DEEP CREEK NEAR GLEN SE1/4SE1/4 SEC. 32-31-53 W.	04-29	0.47	WHITE RIVER ABOVE CHASEK PUMP SEC. 2-32-51 W.	07-29	0.78
DEADMAN CREEK ABOVE DEADMAN CANAL SW1/4SW1/4 SEC. 26-31-53 W.	04-29	1.38	WHITE RIVER BELOW CHASEK PUMP SEC. 2-32-51 W.	07-29	0.53
SOLDIERS CREEK ABOVE FORT ROBINSON RESERVOIR NW1/4NW1/4 SEC. 4-31-53 W.	04-29	3.58	ASH CREEK, WEST, NEAR CRAWFORD SW1/4SW1/4 SEC. 36-32-51 W.	05-02	0.16
SOLDIERS CREEK ABOVE FORT ROBINSON CANAL SW1/4NW1/4 SEC. 12-31-53 W.	04-29	0.97	ASH CREEK, EAST, ABOVE BARRON CANAL NE1/4SW1/4 SEC. 32-32-50 W.	04-08 04-16 05-02 06-13	2.34 2.35 2.43 1.50
SOLDIERS CREEK BELOW SOLDIERS CANAL SE1/4NW1/4 SEC. 18-31-52 W.	04-29	2.34	ASH CREEK, EAST, BELOW BARRON CANAL SW1/4NW1/4 SEC. 32-32-50 W.	05-02	0.10
SOLDIERS CREEK MOUTH AT WHITE RIVER SW1/4SE1/4 SEC. 18-31-52 W.	07-08	0.39	ASH CREEK NEAR WHITNEY NW1/4NW1/4 SEC. 7-32-50 W.	05-02	0.78
CHERRY CREEK NEAR FORT ROBINSON SEC. 9-31-52 W.	04-29	0.23	INDIAN CREEK ABOVE Application 1822 SE1/4SW1/4 SEC. 3-31-50 W.	05-02	0.33
WHITE RIVER BELOW WHITNEY DIVERSION NE1/4NE1/4 SEC. 26-32-52 W.	09-09	3.73	INDIAN CREEK NEAR WHITNEY SE1/4SW1/4 SEC. 16-32-50 W.	05-02	0.33
WHITE CLAY CREEK ABOVE ROOS PUMP NE1/4NE1/4 SEC. 26-32-52 W.	06-27	0.41	INDIAN CREEK NEAR WHITNEY SW1/4NW1/4 SEC. 4-32-50 W.	05-02	0.10
WHITE CLAY CREEK NEAR CRAWFORD NW1/4NE1/4 SEC. 2-31-52 W.	05-02	1.00	BIG COTTONWOOD CREEK NEAR WHITNEY SW1/4SW1/4 SEC. 22-33-50 W.	04-24	0.54
SQUAW CREEK NEAR CRAWFORD NE1/4SW1/4 SEC. 28-31-51 W.	05-02	0.60	TRUNK BUTTE CREEK NEAR WHITNEY SW1/4NW1/4 SEC. 36-33-50 W.	05-13	0.50
SQUAW CREEK ABOVE SQUAW CREEK RESERVOIR SE1/4SE1/4 SEC. 12-31-52 W.	05-02	0.59	DEAD HORSE CREEK NEAR CHADRON NW1/4NW1/4 SEC. 32-33-49 W.	05-13	2.71
SQUAW CREEK RESERVOIR FROM SQUAW CREEK SE1/4NW1/4 SEC. 12-31-52 W.	05-02	0.00	CHADRON CREEK NEAR CHADRON NE1/4NW1/4 SEC. 36-32-49 W.	05-13	0.57
SQUAW CREEK BELOW SQUAW CREEK RESERVOIR NW1/4NW1/4 SEC. 12-31-52 W.	05-02	0.62	WHITE RIVER ABOVE SCHOMMER PUMP SEC. 25-34-49 W.	06-25	2.20
SQUAW CREEK NW1/4NW1/4 SEC. 1-31-52 W.	05-02	0.43	WHITE RIVER BELOW Application 4983 NW1/4NE1/4 SEC. 26-34-49 W.	06-20	0.50
WHITE RIVER NEAR CRAWFORD NW1/4NE1/4 SEC. 19-32-51 W.	07-30 08-09	1.73 0.92	BORDEAUX CREEK BELOW PINKERTON PUMP SEC. 15-33-48 W.	07-12	0.77
LITTLE COTTONWOOD CREEK NEAR PINE BUTTE NE1/4NW1/4 SEC. 8-32-53 W.	04-24	1.22	<u>HAY CREEK</u>		
LITTLE COTTONWOOD CREEK NEAR FORT ROBINSON SW1/4NE1/4 SEC. 8-32-52 W.	04-24	0.23	HAY CREEK NEAR CODY NW1/4NW1/4 SEC. 31-35-33 W.	04-24	6.30
SAND CREEK NEAR FORT ROBINSON NE1/4NE1/4 SEC. 34-33-53 W.	04-24	0.25			
SPRING CREEK NEAR FORT ROBINSON SW1/4SW1/4 SEC. 20-32-52 W.	04-24	0.00			

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>UPPER NIOBRARA RIVER</u>			BETSY CARVER CREEK NEAR DOUGHBOY SE1/4SW1/4 SEC. 10-29-34 W.	04-24	2.30
NIORRARA RIVER SOUTH OF HARRISON SW1/4NE1/4 SEC. 9-29-56 W.	05-07	6.03	GORDON CREEK NEAR VALENTINE NE1/4SW1/4 SEC. 30-33-28 W.	04-24	38.00
NIORRARA RIVER, TRIB TO, NEAR AGATE NW1/4SW1/4 SEC. 33-29-54 W.	05-08	0.00	MINNECHADUZA CREEK NEAR KILGORE SE1/4SE1/4 SEC. 24-35-31 W.	04-25	9.60
WHISTLE CREEK NEAR AGATE NE1/4NE1/4 SEC. 12-28-54 W.	05-08	0.01	MINNECHADUZA CREEK, TRIB TO, NEAR KILGORE NW1/4NE1/4 SEC. 30-35-30 W.	04-25	0.34
ANTELOPE CREEK NEAR GORDON NE1/4SE1/4 SEC. 13-33-42 W.	05-06	0.00	BULL CREEK NEAR CROOKSTON SE1/4SW1/4 SEC. 27-35-30 W.	04-25	0.59
ANTELOPE CREEK NW1/4NW1/4 SEC. 32-33-41 W.	05-06	0.00	MINNECHADUZA CREEK, TRIB TO, NEAR CROOKSTON NW1/4NW1/4 SEC. 18-34-28 W.	04-25	0.33
ANTELOPE CREEK SOUTHWEST OF GORDON SE1/4SE1/4 SEC. 21-32-40 W.	05-06	0.29	FISHBERRY CANYON CREEK AT VALENTINE NW1/4NW1/4 SEC. 29-34-27 W.	04-25	0.00
LEANDER CREEK NEAR MERRIMAN NW1/4SW1/4 SEC. 33-34-37 W.	04-23	9.00	SPRING CREEK NEAR VALENTINE SE1/4SE1/4 SEC. 20-34-27 W.	04-24	1.20
BEAR CREEK AT MERRIMAN NE1/4SW1/4 SEC. 8-34-37 W.	04-23	9.80	LONG PINE CREEK NEAR LONG PINE SW1/4NW1/4 SEC. 20-29-20 W.	04-11	11.00
DRY CREEK AT MERRIMAN NW1/4SE1/4 SEC. 16-34-37 W.	04-23	16.00	BONE CREEK AT AINSWORTH NW1/4SW1/4 SEC. 23-30-22 W.	04-11	6.70
BEAR CREEK NEAR ELI SW1/4NW1/4 SEC. 14-34-36 W.	04-23	26.00	SAND DRAW CREEK NEAR AINSWORTH NE1/4NE1/4 SEC. 6-30-22 W.	04-11	7.20
MEDICINE CREEK NEAR BUSH LAKE NW1/4SW1/4 SEC. 20-32-35 W.	04-24	0.00	SAND DRAW, ABOVE AINSWORTH IRRIGATION WASTEWAY NW1/4NW1/4 SEC. 29-31-21 W.	04-11	12.00
MCFARLAND CANYON NEAR KILGORE NE1/4SE1/4 SEC. 33-33-31 W.	04-24	0.36	WILLOW CREEK NEAR NEWPORT NW1/4SW1/4 SEC. 6-32-17 W.	04-09	5.60
STEER CREEK NEAR MENZEL SW1/4NW1/4 SEC. 3-31-32 W.	04-24	0.22	ASH CREEK NEAR NEWPORT NW1/4NE1/4 SEC. 34-32-17 W.	04-09	9.30
<u>SNAKE RIVER</u>			<u>KEYA PAHA RIVER</u>		
SNAKE RIVER NEAR GORDON NW1/4NW1/4 SEC. 21-30-40 W.	04-23	1.90	BURTON CREEK NEAR SPRINGVIEW NE1/4NW1/4 SEC. 14-33-20 W.	04-11	0.45
SNAKE RIVER NEAR MERRIMAN SE1/4SW1/4 SEC. 18-30-37 W.	04-23	54.00	<u>LOWER NIOBRARA RIVER</u>		
CLIFFORD CREEK NEAR MERRIMAN NW1/4SE1/4 SEC. 7-29-37 W.	04-23	3.20	BIG SANDY CREEK, TRIB TO, NEAR ATKINSON NE1/4NW1/4 SEC. 26-31-15 W.	04-03	1.00
WILLOW CREEK NEAR MERRIMAN NE1/4SW1/4 SEC. 6-29-37 W.	04-23	1.80	BIG SANDY CREEK NEAR ATKINSON NE1/4NE1/4 SEC. 26-31-15 W.	04-03	0.98
BOARDMAN CREEK AT MERRITT RESERVOIR NE1/4NE1/4 SEC. 14-30-31 W.	04-24	17.00	BIG SANDY CREEK NEAR STUART NE1/4NE1/4 SEC. 10-31-15 W.	04-03	11.00
STEER CREEK, TRIB TO, NEAR MENZEL NE1/4SW1/4 SEC. 33-32-32 W.	04-24	0.00	SPRING CREEK NEAR STUART NW1/4NE1/4 SEC. 4-31-15 W.	04-03	3.50
<u>MIDDLE REACH OF THE NIOBRARA RIVER</u>			BIG SANDY CREEK NEAR DUSTIN NW1/4SE1/4 SEC. 3-32-15 W.	04-03	28.00
GORDON CREEK NEAR MERRIMAN SW1/4SW1/4 SEC. 30-29-37 W.	04-23	3.60	BIG SANDY CREEK NEAR DUSTIN NW1/4SW1/4 SEC. 21-33-14 W.	04-03	33.00
SAND CREEK NEAR MERRIMAN NW1/4SW1/4 SEC. 19-29-37 W.	04-23	1.30	BIG SANDY CREEK NEAR DUSTIN SW1/4NE1/4 SEC. 12-33-14 W.	04-03	50.00
ARKANSAS FLATS NEAR MERRIMAN NE1/4SW1/4 SEC. 18-29-37 W.	04-23	1.00	LITTLE SANDY CREEK NEAR CATALPA NE1/4NE1/4 SEC. 18-33-13 W.	04-03	4.20
GORDON CREEK NEAR DOUGHBOY SW1/4NE1/4 SEC. 9-29-34 W.	04-24	20.00			

## NIOBRARA RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
BRUSH CREEK NEAR ATKINSON NE1/4NW1/4 SEC. 1-31-14 W.	04-03	4.00	STEEL CREEK NEAR PISHELVILLE SE1/4NE1/4 SEC. 18-32-8 W.	04-16	16.00
BRUSH CREEK, WEST FORK, NEAR ATKINSON NE1/4NE1/4 SEC. 4-31-14 W.	04-03	1.60	PISHEL CREEK NEAR PISHELVILLE NE1/4NE1/4 SEC. 26-32-8 W.	04-16	3.40
BRUSH CREEK, EAST FORK, NEAR ATKINSON SW1/4NW1/4 SEC. 30-32-13 W.	04-03	4.50	NIOBRARA RIVER, TRIB TO, NEAR PISHELVILLE SE1/4NE1/4 SEC. 4-31-7 W.	04-16	3.20
BRUSH CREEK NEAR CATALPA SW1/4NW1/4 SEC. 4-32-13 W.	04-03	21.00	SCHINDLER CREEK NEAR VERDIGRE SE1/4NW1/4 SEC. 11-31-7 W.	04-16	2.90
SPRING BRANCH CREEK NEAR CATALPA NW1/4NE1/4 SEC. 15-32-13 W.	04-03	1.10	VERDIGRE CREEK, SO. BRANCH, NEAR ORCHARD NW1/4SE1/4 SEC. 9-28-8 W.	04-16	5.10
TURKEY CREEK NEAR CATALPA NW1/4SW1/4 SEC. 28-33-12 W.	04-03	8.60	BIG SPRING CREEK NEAR ORCHARD NE1/4NE1/4 SEC. 22-28-8 W.	04-16	8.90
NIOBRARA RIVER, TRIB TO, NEAR SPENCER DAM NW1/4NE1/4 SEC. 35-33-12 W.	04-03	2.10	VERDIGRE CREEK, EAST BRANCH, NEAR ROYAL NE1/4NW1/4 SEC. 4-28-7 W.	04-16	27.00
EAGLE CREEK, MID BRANCH, NEAR ATKINSON NE1/4NE1/4 SEC. 9-30-13 W.	04-15	11.00	MERRIMAN CREEK NEAR WINNETOOM SW1/4NW1/4 SEC. 14-29-7	04-16	8.60
EAGLE CREEK, NO. BRANCH, NEAR ATKINSON SW1/4NW1/4 SEC. 30-31-12 W.	04-15	5.80	VERDIGRE CREEK, MID. BRANCH, NEAR VENUS NE1/4NE1/4 SEC. 13-29-9 W.	04-15	9.80
EAGLE CREEK, MID. BRANCH, NEAR EMMETT SW1/4NW1/4 SEC. 30-31-12 W.	04-15	16.00	VERDIGRE CREEK, MID. BRANCH, NEAR VENUS NE1/4NE1/4 SEC. 18-29-8 W.	04-15	0.92
EAGLE CREEK, EAST BRANCH, NEAR EMMETT NW1/4NE1/4 SEC. 31-31-12 W.	04-15	9.20	VERDIGRE CREEK, MID. BRANCH, NEAR VERDIGRE NW1/4SW1/4 SEC. 28-30-7 W.	04-16	27.00
EAGLE CREEK NEAR MIDWAY SW1/4NW1/4 SEC. 4-31-12 W.	04-15	40.00	VERDIGRE CREEK, NO. BRANCH, NEAR STAR NE1/4SE1/4 SEC. 15-30-9 W.	04-15	13.00
HONEY CREEK NEAR MIDWAY SE1/4SW1/4 SEC. 26-31-12 W.	04-15	0.86	VERDIGRE CREEK NEAR NIOBRARA NW1/4NW1/4 SEC. 5-31-6 W.	04-16	119.00
CAMP CREEK NEAR MIDWAY NE1/4NE1/4 SEC. 5-31-11 W.	04-15	0.16	BINGHAM CREEK NEAR NIOBRARA NW1/4SW1/4 SEC. 32-32-6 W.	04-16	1.40
REDBIRD CREEK NEAR O'NEILL SE1/4SW1/4 SEC. 23-30-11 W.	04-15	4.80	BURGESS CREEK NEAR NIOBRARA NW1/4NW1/4 SEC. 20-32-6 W.	04-16	1.60
REDBIRD CREEK, TRIB TO, NEAR O'NEILL SW1/4SE1/4 SEC. 23-30-11 W.	04-15	1.80			
REDBIRD CREEK NEAR OPPORTUNITY NW1/4NE1/4 SEC. 12-31-11 W.	04-15	33.00			
BLACKBIRD CREEK NEAR MIDWAY SW1/4NW1/4 SEC. 14-31-11 W.	04-15	11.00			
BLACKBIRD CREEK NEAR O'NEILL SW1/4NW1/4 SEC. 32-31-11 W.	04-15	4.20			
SPRING CREEK NEAR SCOTTVILLE NW1/4NW1/4 SEC. 7-31-10 W.	04-15	2.00			
LOUSE CREEK NEAR SCOTTVILLE SE1/4SW1/4 SEC. 36-32-10 W.	04-15	6.40			
LOUSE CREEK NEAR REDBIRD NE1/4NW1/4 SEC. 12-32-10 W.	04-15	11.00			
SAND CREEK NEAR REDBIRD SE1/4SW1/4 SEC. 6-32-9 W.	04-15	1.80			
SQUAW CREEK NEAR PISHELVILLE SW1/4SW1/4 SEC. 7-32-8 W.	04-16	5.50			



MISSOURI RIVER TRIBUTARIES  
(NIOBRARA TO THE PLATTE)

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>NINE MILE CREEK</u>			<u>BAZILLE CREEK</u>		
NINE MILE GULCH NEAR CROSS NW1/4SW1/4 SEC. 29-35-10 W.	04-03	0.47	BAZILE CREEK NEAR BRUNSWICK SE1/4SW1/4 SEC. 21-28-5 W.	04-11	9.60
<u>PONCA CREEK</u>			BAZILE CREEK, TRIBUTARY TO, NEAR CREIGHTON SE1/4SE1/4 SEC. 10-28-5 W.	04-11	3.30
PONCA CREEK NEAR NAPER NE1/4SE1/4 SEC. 23-35-15 W.	04-09	41.00	BAZILE CREEK, TRIBUTARY TO, NEAR CREIGHTON NW1/4NW1/4 SEC. 2-28-5 W.	04-11	0.00
DRY CREEK AT ANOKA SW1/4SE1/4 SEC. 3-34-13 W.	04-09	0.41	BAZILE CREEK AT BAZILE MILLS SW1/4SE1/4 SEC. 4-29-5 W.	04-11	36.00
PONCA CREEK, TRIB TO, NEAR ANOKA NW1/4NW1/4 SEC. 17-34-12	04-09	0.49	SPRING CREEK AT BAZILE MILLS NE1/4NE1/4 SEC. 9-29-5 W.	04-11	3.90
DIZZY CREEK AT ANOKA SE1/4NE1/4 SEC. 9-34-13 W.	04-09	1.50	LITTLE BAZILE CREEK AT BLOOMFIELD SW1/4NW1/4 SEC. 10-30-3 W.	04-11	9.90
SPRING CREEK NEAR BUTTE NW1/4NE1/4 SEC. 25-34-13 W.	04-09	2.10	LITTLE BAZILE CREEK NEAR CENTER SE1/4SE1/4 SEC. 24-30-5 W.	04-11	30.00
HOOSIER CREEK NEAR BUTTE SE1/4NE1/4 SEC. 30-34-12 W.	04-09	0.19	BAZILE CREEK AT CENTER SE1/4SE1/4 SEC. 34-31-5 W.	09-11	57.40
BEAVER CREEK NEAR SPENCER NW1/4NE1/4 SEC. 1-33-12 W.	04-09	2.70	SAND CREEK NEAR CENTER SE1/4SW1/4 SEC. 10-31-5 W.	04-11	1.50
CROOKED CREEK NEAR SPENCER NE1/4NE1/4 SEC. 12-33-12 W.	04-09	1.40	HOBEO CREEK NEAR LINDY NW1/4NW1/4 SEC. 13-32-4 W	07-16	0.07
PONCA CREEK AT BRISTOW NE1/4NE1/4 SEC. 15-33-11 W.	04-03	59.00	WALKER DRAW, TRIBUTARY TO, NEAR CENTER SW1/4SW1/4 SEC. 17-31-4 W.	04-11	1.70
PONCA CREEK, TRIB, TO NEAR NAPER NE1/4NW1/4 SEC. 32-35-15 W.	04-09	0.35	HOWE CREEK NEAR CENTER NW1/4SW1/4 SEC. 12-31-5 W.	04-11 09-11	13.00 10.70
WHISKEY CREEK NEAR LYNCH NW1/4SW1/4 SEC. 14-32-10 W.	04-03	4.80	<u>LOST CREEK</u>		
			LOST CREEK NEAR SANTEE SE1/4NE1/4 SEC. 8-32-5 W.	07-16 09-11	1.00 2.08
			<u>COOK CREEK</u>		
			COOK CREEK NEAR LINDY NE1/4NE1/4 SEC. 26-33-4 W.	07-16	0.13
			<u>DEVILS NEST CREEK</u>		
			DEVILS NEST CREEK NEAR SANTEE SE1/4NW1/4 SEC. 29-33-3 W.	07-16 09-09	1.70 2.49
			<u>WEIGAND CREEK</u>		
			WEIGAND CREEK AT GAVINS POINT SW1/4SW1/4 SEC. 20-33-2 W.	07-16	1.60
			<u>BEAVER CREEK</u>		
			BEAVER CREEK NEAR ATEN SE1/4SE1/4 SEC. 21-33-1 W.	07-16	4.80
			<u>ANTELOPE CREEK</u>		
			ANTELOPE CREEK NEAR MENOMINEE SE1/4SW1/4 SEC. 24-33-1 W.	07-16	3.90
			<u>BOW CREEK</u>		
			BOW CREEK NEAR HARTINGTON SW1/4NW1/4 SEC. 12-30-1 E.	07-17	3.90

MISSOURI RIVER TRIBUTARIES  
( NIOBRARA TO THE PLATTE )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>BOW CREEK</u>			DAILY BRANCH AT MARTINSBURG		
PEARL CREEK NEAR HARTINGTON SE1/4SW1/4 SEC. 12-30-1 E.	07-17	10.00	SE1/4NE1/4 SEC. 9-29-5 E.	09-04	10.00
NORWEGIAN BOW CREEK AT HARTINGTON NW1/4NW1/4 SEC. 31-31-2 E.	07-17	7.90	SOUTH CREEK, TRIBUTARY TO, NEAR ALLEN SW1/4SW1/4 SEC. 15-29-5 E.	09-10	15.40
DEAD CREEK NEAR HARTINGTON NE1/4NE1/4 SEC. 32-31-2 E.	07-17	0.00	SOUTH CREEK AT MARTINSBURG NE1/4NW1/4 SEC. 10-29-5 E.	09-04	26.00
BOW CREEK, TRIBUTARY TO, NEAR HARTINGTON NW1/4NW1/4 SEC. 33-31-2 E.	07-17	1.10	SOUTH CREEK NEAR PONCA NW1/4NE1/4 SEC. 33-30-6 E.	09-04	28.00
EAST BOW CREEK NEAR HARTINGTON NW1/4 NE1/4 SEC. 5-30-3 E.	07-17	1.90	AOWA CREEK AT PONCA NE1/4SE1/4 SEC. 22-30-6 E.	09-04	47.00
EAST BOW CREEK, TRIBUTARY TO, NEAR HARTINGTON NE1/4NW1/4 SEC. 5-30-3 E.	07-17	8.70	AOWA CREEK, TRIBUTARY TO, NEAR PONCA SE1/4NW1/4 SEC. 25-30-6 E.	09-04	0.00
EAST BOW CREEK NEAR ST. JAMES SW1/4NE1/4 SEC. 12-31-2 E.	07-17	22.00	<u>ELK CREEK</u>		
WEST BOW CREEK NEAR CROPTON NW1/4SW1/4 SEC. 11-31-2 W.	07-16	1.60	ELK CREEK NEAR ALLEN SW1/4NE1/4 SEC. 31-28-6 E.	09-04	1.70
WEST BOW CREEK NEAR CONSTANCE NE1/4NW1/4 SEC. 3-31-1 W.	07-16	4.30	ELK CREEK NEAR HUBBARD NE1/4NE1/4 SEC. 13-28-6 E.	09-10	10.80
WEST BOW CREEK NEAR FORDYCE NW1/4NE1/4 SEC. 4-31-1 E.	09-10	13.90	OTTER CREEK NEAR WILLIS NE1/4NE1/4 SEC. 2-28-6 E.	09-18	5.70
WEST BOW CREEK NEAR WYNOT NE1/4NE1/4 SEC. 16-32-2 E.	07-17	18.00	MINNOW CREEK NEAR WILLIS NE1/4SE1/4 SEC. 2-28-6 E.	09-18	4.60
SECOND BOW CREEK NEAR WYNOT SE1/4SE1/4 SEC. 9-32-2 E.	07-17	0.00	ELK CREEK NEAR WILLIS NE1/4NE1/4 SEC. 1-28-6 E.	09-18	26.00
WEST BOW CREEK NEAR WYNOT SW1/4NE1/4 SEC. 10-32-2 E.	09-10	66.40	ELK CREEK AT JACKSON NE1/4NW1/4 SEC. 36-29-7 E.	09-18	0.50
<u>AMES CREEK</u>			<u>PIGEON CREEK</u>		
AMES CREEK NEAR OBERT SW1/4NW1/4 SEC. 24-32-3 E.	07-17	0.90	PIGEON CREEK NEAR HUBBARD NW1/4NE1/4 SEC. 33-28-7 E.	09-11	2.20
<u>LIME CREEK</u>			PIGEON CREEK NEAR HOMER NW1/4NE1/4 SEC. 1-27-8 E.	09-11	6.90
LIME CREEK NEAR MASKELL SW1/4NE1/4 SEC. 32-32-4 E.	09-17	8.20	<u>OMAHA CREEK</u>		
<u>DEER CREEK</u>			NORTH OMAHA CREEK, TRIBUTARY TO, NEAR WINNEBAGO NE1/4NE1/4 SEC. 23-26-7 E.	09-19	1.01
DEER CREEK NEAR MASKELL SW1/4SW1/4 SEC. 27-32-4 E.	09-24	0.06	NORTH OMAHA CREEK NEAR WINNEBAGO SE1/4SW1/4 SEC. 28-26-8 E.	09-11	7.10
<u>WALNUT CREEK</u>			COW CREEK NEAR WALTHILL NE1/4SE1/4 SEC. 23-25-8 E.	09-27	5.20
WALNUT CREEK NEAR MASKELL NE1/4NE1/4 SEC. 34-32-4 E.	07-24	0.06	SOUTH OMAHA CREEK AT WALTHILL NE1/4NE1/4 SEC. 14-25-8 E.	10-29	9.40
<u>TURKEY CREEK</u>			OMAHA CREEK NEAR WALTHILL SW1/4SW1/4 SEC. 36-26-8 E.	09-11	19.00
TURKEY CREEK NEAR MASKELL NE1/4NE1/4 SEC. 1-31-4 E.	07-24	0.96	WIGGLE CREEK NEAR HOMER NE1/4NW1/4 SEC. 23-27-8 E.	09-09	0.92
<u>AOWA CREEK</u>			FIDDLERS CREEK AT HOMER NE1/4SW1/4 SEC. 14-27-8 E.	09-11	1.80
AOWA CREEK NEAR NEWCASTLE NW1/4SW1/4 SEC. 25-31-4 E.	07-24	3.40	OMAHA CREEK NEAR HOMER SW1/4NE1/4 SEC. 7-27-9 E.	09-19	39.60
POWDER CREEK NEAR NEWCASTLE SW1/4NW1/4 SEC. 2-30-5 E.	07-24	4.50	<u>BLACKBIRD CREEK</u>		
			SOUTH BLACKBIRD CREEK NEAR LYONS SW1/4SE1/4 SEC. 34-24-9 E.	09-26	8.40

MISSOURI RIVER TRIBUTARIES  
( NIOBRARA TO THE PLATTE )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>WOOD CREEK</u>			MILL CREEK NEAR BLAIR SE1/4SE1/4 SEC. 28-18-12 E.	09-19	1.20
WOOD CREEK NEAR DECATUR SW1/4SE1/4 SEC. 26-24-10 E.	09-26	0.54	<u>MOORS CREEK</u>		
<u>ELM CREEK</u>			MOORS CREEK NEAR FORT CALHOUN SW1/4NE1/4 SEC. 2-17-12 E.	09-19	0.22
LONE TREE CREEK NEAR DECATUR NE1/4NE1/4 SEC. 11-23-10 E.	09-26	0.27	<u>TURKEY CREEK</u>		
ELM CREEK NEAR DECATUR SW1/4NW1/4 SEC. 1-23-10 E.	09-26	6.20	TURKEY CREEK NEAR FORT CALHOUN NE1/4NW1/4 SEC. 24-17-12 E.	09-19	0.00
<u>TEKAMAH CREEK</u>			<u>DEER CREEK</u>		
SILVER CREEK, TRIBUTARY TO, NEAR TEKAMAH SE1/4NE1/4 SEC. 32-22-10 E.	06-21	0.66	DEER CREEK NEAR FORT CALHOUN NW1/4SE1/4 SEC. 20-17-13 E.	09-19	0.00
SILVER CREEK, TRIBUTARY TO, NEAR TEKAMAH NE1/4SE1/4 SEC. 33-22-10 E.	06-21	2.40	<u>PONCA CREEK</u>		
SILVER CREEK NEAR TEKAMAH SE1/4NE1/4 SEC. 1-21-10 E.	09-27	5.00	PONCA CREEK NEAR OMAHA NW1/4NW1/4 SEC. 9-16-13 E.	09-11	0.18
TEKAMAH CREEK NEAR TEKAMAH SE1/4SW1/4 SEC. 22-21-10 E.	09-27	3.50	<u>PAPILLION CREEK</u>		
TEKAMAH CREEK AT TEKAMAH NW1/4SE1/4 SEC. 19-21-11 E.	09-27	4.00	BIG PAPILLION CREEK NEAR KENNARD NW1/4NW1/4 SEC. 16-17-11 E.	09-12	9.40
TEKAMAH CREEK NEAR TEKAMAH AIRPORT SW1/4NE1/4 SEC. 23-21-11 E.	09-27	8.60	BIG PAPILLION CREEK AT RALSTON NE1/4SE1/4 SEC. 2-14-12 E.	09-11	31.00
<u>COMBINATION DITCH</u>			KNIGHT CREEK NEAR IRVINGTON SE1/4SW1/4 SEC. 22-16-12 E.	09-04	0.16
COMBINATION DITCH NEAR DECATUR SW1/4SE1/4 SEC. 6-22-11 E.	09-26	0.01	KNIGHT CREEK AT OMAHA NW1/4SE1/4 SEC. 34-16-12 E.	09-11	0.25
MUD CREEK NEAR TEKAMAH NW1/4SE1/4 SEC. 18-21-11 E.	09-27	0.14	THOMAS CREEK NEAR OMAHA NW1/4SE1/4 SEC. 34-16-12 E.	09-11	1.10
COMBINATION DITCH NEAR HERMAN NW1/4SW1/4 SEC. 12-20-11 E.	09-27	0.05	COLE CREEK AT OMAHA SW1/4SE1/4 SEC. 14-15-12 E.	09-11	0.44
<u>NEW YORK CREEK</u>			LITTLE PAPILLION CREEK AT OMAHA SW1/4SE1/4 SEC. 23-15-12 E.	09-03	6.40
NEW YORK CREEK NEAR HERMAN SE1/4NW1/4 SEC. 32-20-11 E.	09-12	5.60	LITTLE PAPILLION CREEK AT OMAHA NW1/4SE1/4 SEC. 1-14-12 E.	09-11	7.40
HILL CREEK NEAR HERMAN SE1/4NE1/4 SEC. 25-20-10 E.	09-12	1.20	PAPILLION CREEK, NORTH BRANCH OF WEST BRANCH, NEAR ELKHORN NE1/4SE1/4 SEC. 4-15-11 E.	09-04	0.46
DAVIS CREEK NEAR HERMAN SE1/4NW1/4 SEC. 24-20-10 E.	09-27	0.63	PAPILLION CREEK, NORTH BRANCH OF WEST BRANCH, NEAR ELKHORN SW1/4SE1/4 SEC. 10-15-11 E.	09-11	1.00
CARR CREEK NEAR HERMAN NW1/4SW1/4 SEC. 19-20-11 E.	09-27	2.00	BOX ELDER CREEK NEAR HILLARD SE1/4SE1/4 SEC. 34-15-11 E.	09-11	0.45
<u>STUART CREEK</u>			PAPILLION CREEK, TRIBUTARY TO SOUTH BRANCH OF THE WEST BRANCH, NEAR PAPILLION NW1/4NE1/4 SEC. 23-14-11 E.	09-10	0.23
CAMRON (PETERSON) DITCH NEAR TEKAMAH NE1/4NE1/4 SEC. 29-21-11 E.	09-27	0.00	PAPILLION CREEK, SOUTH BRANCH OF THE WEST BRANCH, NEAR PAPILLION SE1/4SW1/4 SEC. 17-14-12 E.	09-10	3.20
CAMRON (PETERSON) DITCH NEAR BLAIR SE1/4NW1/4 SEC. 35-19-11 E.	09-19	8.00	WALNUT CREEK NEAR PAPILLION SE1/4SE1/4 SEC. 28-14-12 E.	09-03	0.07
STUART CREEK AT BLAIR NW1/4NE1/4 SEC. 7-18-12 E.	09-19	10.00			
<u>MILL CREEK</u>					
LONG CREEK NEAR FORT CALHOUN NE1/4SE1/4 SEC. 5-17-12 E.	09-11	0.14			

MISSOURI RIVER TRIBUTARIES  
( NIOBRARA TO THE PLATTE )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
WALNUT CREEK NEAR PAPILLION SE1/4NE1/4 SEC. 28-14-12 E.	09-10	0.32
PAPILLION CREEK, WEST BRANCH, NEAR BELLEVUE NE1/4NE1/4 SEC. 32-14-13 W.	09-10	17.30
BIG PAPILLION CREEK NEAR BELLEVUE NW1/4NE1/4 SEC. 14-13-13 E.	09-10	54.00

NORTH PLATTE RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<b>STATE LINE TO PUMPKIN CREEK</b>			<b>SCOTTSBLUFF DRAIN NO. 1</b>		
<b>LANE DRAIN</b>			<b>SEC. 25-22-55 W.</b>		
LANE DRAIN	01-10	1.82		07-18	8.92
SW1/4SE1/4 SEC. 30-23-57 W.	02-06	2.30		08-01	4.21
	03-19	2.44		08-15	3.50
	04-18	1.27		08-28	6.30
	04-30	1.55		09-12	7.23
	05-14	2.26		09-25	7.07
	05-30	1.24		10-01	2.86
	06-11	1.80		11-04	2.25
	06-25	1.37		12-17	2.92
	07-09	2.39			
	07-23	8.83		<b>SCOTTSBLUFF DRAIN NO. 2</b>	
	08-05	7.09		<b>SEC. 4-22-54 W.</b>	
	08-20	10.20		01-04	3.45
	09-03	2.61		02-07	2.47
	09-17	2.64		03-19	2.13
	10-09	1.84		04-18	3.71
	11-07	1.99		05-02	2.26
	12-05	2.28		05-16	4.54
				05-31	2.54
				06-13	3.88
<b>BALD DRAIN</b>	01-10	0.00		06-27	2.16
SW1/4NE1/4 SEC. 32-23-56 W.	02-07	0.00		07-18	8.75
	03-08	1.07		08-01	6.12
	04-18	1.33		08-15	4.23
	05-07	31.10		08-22	5.54
	05-21	21.30		09-05	5.44
	06-07	41.80		09-19	4.43
	06-18	17.80		10-02	1.72
	07-02	16.40		11-14	2.91
	07-23	31.40		12-23	1.79
	08-06	16.90			
	08-20	13.70		<b>MELBETA DRAIN</b>	
	08-27	14.80		<b>SEC. 13-21-54 W.</b>	
	09-10	12.40		01-04	3.80
	09-24	48.40		02-07	2.18
	10-01	2.21		03-13	2.89
	11-20	0.00		04-18	1.65
	12-04	0.00		10-03	2.49
				11-14	0.95
<b>FANNING SEEP</b>	04-18	0.00		12-23	1.28
SEC. 28-23-56 W.	06-25	0.00			
				<b>FAIRFIELD SEEP</b>	
<b>FANNING SEEP</b>	07-23	0.00		<b>SEC. 18-21-53 W.</b>	
SEC. 28-23-56				01-04	0.00
				02-07	0.00
<b>FANNING SEEP</b>	08-06	0.00		03-13	0.89
SEC. 28-23-56 W.	08-20	0.00		04-18	0.70
	11-04	0.00		05-02	0.79
	12-04	0.00		05-09	0.85
				05-23	1.17
<b>SPOTTEDTAIL CREEK, WET</b>	01-10	10.00		06-06	1.59
SEC. 6-22-55 W.	02-05	8.80		06-20	0.79
	03-08	8.30		07-05	0.61
	05-01	5.35		07-18	4.49
	05-15	11.90		08-01	7.32
	05-29	11.60		08-15	5.69
	06-07	13.00		08-29	4.21
	06-19	11.90		09-12	10.00
	07-03	9.99		09-26	5.52
	07-17	16.30		10-03	3.78
	08-01	17.30		11-15	2.02
	08-15	19.10		12-23	0.00
	08-22	21.80			
	09-04	19.20		<b>ALLIANCE DRAIN</b>	
	09-17	18.00		<b>SEC. 20-22-53 W.</b>	
	10-01	16.10		04-18	4.94
	11-15	15.80		05-02	4.84
	12-16	15.60		05-16	2.93
				05-31	7.65
<b>SCOTTSBLUFF DRAIN NO. 1</b>	01-07	2.50		06-13	7.18
SEC. 25-22-55 W.	02-05	3.00		06-27	4.18
	03-08	2.38		07-18	6.36
	04-15	2.39		08-01	4.53
	05-09	1.55		08-15	6.35
	05-23	1.48		08-29	5.81
	06-06	2.36		09-12	10.60
	06-20	2.24		09-19	8.18
	07-05	1.93			
				<b>CLEVELAND DRAIN</b>	
				<b>SEC. 6-20-52 W.</b>	
				01-31	1.01
				02-28	1.31
				03-29	1.18
				04-30	0.52
				10-10	2.54
				11-07	1.74
				12-19	1.30

## NORTH PLATTE RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>																		
DeGRAW DRAIN SEC. 24-20-51 W.	01-02	2.42	PUMPKIN CREEK TO KINGSLEY DAM	01-22	11.20																		
	01-14	3.05		02-14	8.77																		
	02-14	2.53		03-06	9.53																		
	03-08	3.84		03-25	9.08																		
	04-01	3.01		04-15	8.59																		
	04-23	2.05		10-08	9.55																		
	04-29	2.26		10-22	8.91																		
	05-13	8.49		10-22	23.20																		
	05-29	6.93		11-05	8.72																		
	06-10	7.78		11-21	9.09																		
	06-24	6.22		12-04	9.24																		
	07-08	5.41		12-18	9.83																		
	07-19	5.99		COLD WATER CREEK BELOW LISCO CANAL NE1/4NE1/4 SEC. 34-18-46 W.	01-29	3.91																	
	08-02	12.20			02-22	3.95																	
	08-16	10.60			03-25	3.79																	
	08-28	8.18			04-30	4.47																	
	09-13	14.00			10-22	3.66																	
	10-02	7.64			11-05	2.25																	
	10-21	4.80			11-27	3.32																	
11-04	3.87	12-20	3.64																				
11-21	3.47	RUSH CREEK NEAR LISCO NE1/4NW1/4 SEC. 17-17-45 W.	01-29		3.64																		
12-04	3.69		02-22		5.62																		
12-19	4.27		03-25		4.62																		
INDIAN CREEK SEC. 19-20-50 W.	01-02		6.44		04-30	4.74																	
	01-14		6.39		RUSH CREEK NEAR LISCO NE1/4NW1/4 SEC. 17-17-45 W.	06-18	1.08																
	02-14		5.43			07-22	0.08																
	03-08		5.15			08-20	0.40																
	04-01		4.49			09-24	0.75																
	04-23		4.20			10-22	1.18																
	04-29		4.82			11-27	0.54																
	10-02		14.40			RUSH CREEK NEAR LISCO NE1/4NW1/4 SEC. 17-17-45 W.	04-30	0.00															
	10-21		9.49	06-25			0.00																
	11-04		8.47	08-29			0.00																
	11-21		7.80	09-24			0.00																
	12-04		7.59	LOST CREEK NORTH OF OSHKOSH NE1/4SE1/4 SEC. 26-17-44 W.			01-18	7.72															
	12-18		7.53				02-22	7.40															
	SILVERNAIL DRAIN SEC. 6-19-49 W.		01-22				5.09	03-26	7.95														
			02-14				4.78	04-26	9.13														
			03-06				4.51	05-20	8.37														
		04-01	4.49				06-05	8.28															
		04-23	4.32				08-21	8.31															
		10-02	8.31				CLEAR CREEK NEAR LEWELLEN SE1/4SW1/4 SEC. 29-17-41 W.	09-18	9.54														
10-22		7.11	01-30					8.37															
11-05		6.90	11-27		8.45																		
11-20		6.33	OTTER CREEK NEAR LEMOYNE SW1/4NE1/4 SEC. 5-15-40 W.		01-18			21.70															
12-04		6.15			02-22			21.20															
12-18		5.79			03-26			19.90															
PUMPKIN CREEK		PUMPKIN CREEK ABOVE HEREDITH-AMHER CANAL NW1/4SW1/4 SEC. 28-19-50 W.			07-03 07-10 07-17 07-24 07-31 08-07 08-14 08-21 08-28 09-04 09-11			3.86 3.55 1.96 2.39 1.55 1.27 1.65 1.35 0.89 1.40 2.41	09-18	9.54													
											CLEAR CREEK NEAR LEWELLEN SE1/4SW1/4 SEC. 29-17-41 W.	10-30 11-27	8.37 8.45										
						CLEAR CREEK NEAR LEWELLEN SE1/4SW1/4 SEC. 29-17-41 W.								01-18 02-22	21.70 21.20								
																OTTER CREEK NEAR LEMOYNE SW1/4NE1/4 SEC. 5-15-40 W.	03-26 04-26 06-05 07-09 08-21 09-18 10-30 11-27	19.90 20.80 19.80 20.80 19.50 18.80 23.00 20.40					
																			SAND CREEK SE1/4SW1/4 SEC. 3-15-40 W.	01-18 02-22 03-26 04-26 05-20 06-05	3.64 3.91 3.65 3.98 4.09 3.96		
																						GREENWOOD CREEK NEAR BRIDGEPORT SW1/4SW1/4 SEC. 26-19-50 W.	01-29 02-20 03-26 04-30 05-22 06-19 07-24 08-14 08-21 09-11 10-28 12-04

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	
SAND CREEK SE1/4SW1/4 SEC. 3-15-40 W.	07-10	3.68	SARBEN SLOUGH NEAR SARBEN SEC. 20-14-35 W.	07-09	7.70	
	08-21	4.28		07-17	6.91	
	09-18	4.46		07-23	8.54	
	10-30	3.52		07-30	11.00	
	11-27	4.92		08-06	7.26	
LONERGAN CREEK NEAR LEMOYNE SEC. 17-15-39 W.	01-18	4.50		08-15	9.40	
	02-22	6.16		08-20	8.02	
	03-26	5.97		08-28	7.56	
	04-26	5.75		09-03	8.41	
	05-20	4.86		09-10	9.18	
	06-05	4.61		09-17	7.83	
	07-10	5.11	09-24	8.74		
	08-21	5.64	10-02	8.27		
	09-18	5.20	CEDAR BRANCH CREEK NEAR NEVINS SEC. 17-14-35 W.	04-30	2.42	
	10-30	6.10		05-21	1.98	
	11-27	5.31		06-12	1.47	
		07-02		1.61		
		07-24		1.78		
		08-06		2.08		
		08-20		2.30		
		09-17		2.28		
		10-02		2.23		
KINGSLEY DAM TO CONFLUENCE  SUTHERLAND POND DRAIN AT KEYSTONE SE1/4NW1/4 SEC. 1-14-38 W.	04-30	10.40		KEITH-LINCOLN COUNTY DRAIN NO. 2 NEAR SARBEN SEC. 24-14-35 W.	04-30	0.00
	05-08	7.70	05-22		0.01	
	05-20	11.20				
	06-04	6.07	KEITH-LINCOLN COUNTY DRAIN NO. 2 NEAR SARBEN SEC. 24-14-35 W.		06-12	0.00
	07-01	10.90				
	07-30	5.62				
	08-13	3.02				
	08-27	5.01				
	09-10	10.20				
	09-24	7.61				
	10-03	4.86				
WHITE TAIL CREEK NEAR KEYSTONE SE1/4SE1/4 SEC. 36-15-38 W.	04-30	28.00		KEITH-LINCOLN COUNTY DRAIN NO. 2 NEAR SARBEN SEC. 24-14-35 W.	07-02	0.33
	05-20	25.40	07-24		4.42	
	06-05	28.70	08-06		1.77	
	07-01	27.20	08-20		1.34	
	07-23	25.20	09-17		0.24	
	08-13	23.60	10-02		0.11	
	08-27	23.60	LINCOLN COUNTY DRAIN NO. 2 NEAR SUTHERLAND SEC. 11-14-33 W.		04-30	2.66
	09-11	26.70			05-22	2.62
	09-25	27.70			06-12	3.28
	10-03	26.70			07-03	2.73
					07-24	3.76
				08-06	3.01	
		08-20		5.48		
		09-17		3.81		
		10-02		4.47		
SKUNK CREEK NEAR KEYSTONE SE1/4SE1/4 SEC. 1-14-37 W.	04-30	2.64				
	05-20	2.25				
	06-11	2.23				
	07-01	2.53				
	07-23	0.41				
	08-14	2.40				
	08-27	2.46				
	09-11	2.09				
09-25	0.60					
10-03	2.91					
GRAVEL CREEK NW1/4SW1/4 SEC. 9-14-36 W.	04-30	2.14				
	05-20	2.54				
	06-11	2.23				
	07-01	2.36				
GRAVEL CREEK NW1/4SW1/4 SEC. 9-14-36 W.	07-23	3.17				
GRAVEL CREEK NW1/4SW1/4 SEC. 9-14-36 W:	08-14	2.65				
	08-27	2.58				
	09-11	2.64				
	09-25	2.58				
	10-03	2.97				
SARBEN SLOUGH NEAR SARBEN SEC. 20-14-35 W.	04-30	8.49				
	05-14	12.10				
	05-21	6.97				
	05-28	8.40				
	06-04	6.59				
	06-12	5.03				
	06-19	7.06				
	06-25	6.30				
	07-02	6.35				

## SOUTH PLATTE RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<b>LODGEPOLE CREEK</b>			<b>SOUTH PLATTE, LODGEPOLE CREEK TO CONFLUENCE</b>		
LODGEPOLE CREEK NEAR BUSHNELL SEC. 33-15-57 W.	07-08 07-22 08-05 08-20	2.22 2.78 1.98 1.55	FREMONT SLOUGH ON HIGHWAY 83 SEC. 16-13-30 W.	01-02 02-01 03-05 04-02 10-31 11-12 12-03	24.60 27.40 32.40 31.40 22.00 24.60 22.10
LODGEPOLE CREEK NEAR KIMBALL NW1/4NW1/4 SEC. 29-15-55 W.	10-01 10-15 11-14	2.83 3.20 1.49	FREMONT SLOUGH SEC. 17-13-29 W.	05-01 05-13 05-28 06-10 06-25 07-15 08-05 08-20 09-16 09-30 09-03	8.05 10.70 10.00 10.80 10.60 11.10 9.16 10.20 10.10 9.01 10.30
LODGEPOLE CREEK NEAR DIX SW1/4NW1/4 SEC. 27-15-54 W.	10-01 10-15 11-14	0.00 0.00 0.00			
LODGEPOLE CREEK NEAR POTTER SEC. 6-14-52 W.	10-01 10-15 11-14	0.00 0.00 0.00			
LODGEPOLE CREEK BELOW CHRISTENSEN CANAL SEC. 7-14-51 W.	10-01 10-15 11-14	3.21 3.83 3.70			
LODGEPOLE CREEK ABOVE SUTTON PUMP SEC. 10-14-51 W.	07-22	0.73			
LODGEPOLE CREEK BELOW SUTTON PUMP SEC. 10-14-51 W.	07-22 10-01 10-15	0.36 2.15 2.38			
LODGEPOLE CREEK SOUTH OF BROWNSON SEC. 19-14-50 W.	09-20 10-01 10-15 11-14	0.97 1.60 1.52 0.44			
LODGEPOLE CREEK SEC. 29-14-50 W.	10-15	0.63			
LODGEPOLE CREEK SEC. 28-14-50 W.	10-15	0.00			
LODGEPOLE CREEK WEST OF SIDNEY SE1/4NE1/4 SEC. 34-14-50 W.	10-01 10-15 11-14	0.00 0.00 0.00			
LODGEPOLE CREEK AT SIDNEY CITY PARK SEC. 6-13-49 W.	09-23	0.00			
LODGEPOLE CREEK ABOVE KRUEGER LAKE SEC. 31-14-48 W.	09-23 11-22	0.64 0.00			
LODGEPOLE CREEK NEAR SUNGL SE1/4NE1/4 SEC. 36-14-48 W.	09-23 10-21 11-22	0.00 0.00 0.00			
LODGEPOLE CREEK SOUTHEAST OF LODGEPOLE SW1/4SW1/4 SEC. 32-14-46 W.	09-23 10-21 11-22	0.00 0.00 0.00			
LODGEPOLE CREEK NEAR CHAPPELL NE1/4NE1/4 SEC. 22-13-45 W.	09-23 10-21 11-22	0.00 0.00 0.00			
LODGEPOLE CREEK AT RALTON NE1/4NW1/4 SEC. 12-12-45 W.	01-21 02-26 08-19 09-23 10-21 11-22 12-13	0.00 3.73 0.00 0.49 0.15 0.00 0.00			



<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>PLATTE RIVER, CONFLUENCE TO WOOD RIVER</u>		
AIRPORT DRAIN SEC. 7-13-29 W.	04-30	17.90
	06-06	21.30
	06-25	19.90
	07-10	34.40
	07-31	32.60
	08-15	18.50
	08-27	31.50
	09-11	25.00
	10-01	21.50
	FLOCK DRAIN SEC. 8-13-29 W.	05-01
05-13		9.08
05-28		10.50
06-10		7.28
06-25		10.20
07-15		11.30
08-05		9.67
08-20		7.82
09-03		7.14
09-16		5.93
BULL DRAIN NEAR MAXWELL SEC. 20-13-28 W.	04-30	4.83
	05-21	3.56
	06-06	3.29
	06-18	2.57
	07-02	2.67
	07-23	2.79
	08-15	2.66
	08-27	2.53
	09-11	4.80
	09-24	3.91
PAWNEE SLOUGH NE1/4NE1/4 SEC. 25-13-28 W.	10-15	0.43
PAWNEE CREEK SEC. 3-12-27 W.	05-02	10.80
	05-22	10.70
	06-05	10.40
	06-18	6.66
	07-02	6.73
	07-23	8.67
	08-06	8.56
	08-20	6.62
	09-04	10.20
	09-17	8.45
10-01	9.25	
SHELDON DRAIN NEAR GOTHENBURG SE1/4NE1/4 SEC. 14-11-26 W.	05-22	6.53
	06-05	7.95
	07-16	14.10
	08-20	13.80
	09-04	10.50
09-18	8.08	
STREVER CREEK SW1/4NW1/4 SEC. 13-9-21 W.	10-28	29.10
<u>PLATTE RIVER, WOOD RIVER TO LOUP RIVER</u>		
SILVER CREEK NEAR HAVENS NW1/4SW1/4 SEC. 11-15-4 W.	03-21	5.30
PRAIRIE CREEK NEAR ARCHER SW1/4SW1/4 SEC. 10-14-7 W.	03-21	3.50
PRAIRIE SLOUGH NEAR ARCHER NE1/4NE1/4 SEC. 9-14-7 W.	03-21	7.00
PRAIRIE CREEK NEAR FULLERTON NW1/4NW1/4 SEC. 31-14-6 W.	03-21	15.00
PRAIRIE CREEK NEAR SILVER CREEK SW1/4SW1/4 SEC. 17-16-2 W.	03-21	35.00

## PLATTE RIVER BASIN

## ( LOUP RIVER )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>MIDDLE LOUP RIVER TO CONFLUENCE WITH SOUTH LOUP RIVER</u>			<u>TURTLE CREEK, SOUTH BRANCH,</u>		
DEER CREEK NEAR BOELUS	03-19	1.90	TRIB. TO, NO. 2 NEAR ORD	04-04	0.00
SW1/4SW1/4 SEC. 16-13-12 W.			SW1/4NW1/4 SEC. 8-19-15 W.	05-02	0.00
				05-29	0.00
				11-18	0.00
				12-09	0.00
<u>SOUTH LOUP RIVER</u>			<u>DANE CREEK AT ORD</u>		
CEDAR CREEK AT POOLE	03-19	0.49	NW1/4NW1/4 SEC. 20-19-14 W.	03-19	0.31
NE1/4NE1/4 SEC. 35-12-15 W.					
SOUTH LOUP RIVER	03-19	209.00	MESSENGER CREEK NEAR ORD	03-19	0.87
AT RAVENNA			SW1/4NW1/4 SEC. 25-19-13 W.		
SW1/4NW1/4 SEC. 16-12-14 W.					
<u>LOUP RIVER, SOUTH LOUP RIVER TO NORTH LOUP RIVER</u>			<u>MIRA CREEK, NORTH BRANCH,</u>		
OAK CREEK AT ASHTON	03-19	8.70	NEAR NORTH LOUP	03-19	0.00
SW1/4SE1/4 SEC. 22-15-13 W.			NW1/4NW1/4 SEC. 28-18-13 W.		
OAK CREEK AT DANNEBROG	03-19	37.00	MIRA CREEK, SOUTH BRANCH,	03-19	0.02
SE1/4SW1/4 SEC. 2-13-11 W.			NEAR NORTH LOUP		
TURKEY CREEK NEAR FARWELL	03-01	2.30	NW1/4SE1/4 SEC. 33-18-13 W.		
SW1/4NW1/4 SEC. 12-14-12 W.	03-14	2.60	FISH CREEK NEAR COATSFIELD	03-19	0.23
TURKEY CREEK NEAR FARWELL	03-01	4.80	SE1/4SW1/4 SEC. 31-17-11 W.		
SW1/4SW1/4 SEC. 17-14-11 W.	03-14	3.50	MUNSON CREEK NEAR ELBA	03-19	3.20
TURKEY CREEK NEAR ST. PAUL	03-01	15.70	SW1/4SE1/4 SEC. 28-16-11 W.		
NW1/4SW1/4 SEC. 20-14-10 W.	03-14	16.00	NORTH LOUP RIVER, TRIB.	03-19	2.10
TURKEY CREEK NEAR ST. PAUL	03-01	14.10	TO, NEAR ELBA		
SE1/4NE1/4 SEC. 35-14-11 W.	03-14	12.00	NW1/4NE1/4 SEC. 24-15-11 W.		
<u>NORTH LOUP RIVER</u>			<u>LOWER LOUP RIVER ABOVE CEDAR RIVER</u>		
CALAMUS RIVER BELOW	10-21	314.00	SPRING CREEK AT CUSHING	03-19	8.90
CALAMUS RESERVOIR	10-22	312.00	NE1/4SW1/4 SEC. 5-15-9 W.		
SE1/4SW1/4 SEC. 31-22-16 W.	10-23	307.00	ELK CREEK NEAR PALMER	03-21	1.80
	10-23	301.00	SE1/4NW1/4 SEC. 23-15-8 W.		
	10-24	309.00	HORSE CREEK NEAR FULLERTON	03-20	1.20
	10-24	308.00	SE1/4SW1/4 SEC. 33-16-7 W.		
CALAMUS RIVER BELOW	10-21	334.00	<u>CEDAR RIVER</u>		
RIVER CHECK	10-22	343.00	BIG CEDAR CREEK	03-20	1.00
SE1/4 SEC. 31-22-16 W.	10-23	328.00	NEAR SWAN LAKE		
	10-23	308.00	NE1/4NE1/4 SEC. 8-24-15 W.		
	10-24	336.00	BIG CEDAR CREEK NEAR DUMAS	03-20	4.00
	10-24	320.00	NE1/4NE1/4 SEC. 28-24-14 W.		
TURTLE CREEK, NORTH BRANCH,	03-19	0.01	LITTLE CEDAR CREEK	03-20	1.60
NEAR ELYRIA			NEAR SWAN LAKE		
NW1/4NE1/4 SEC. 34-20-15 W.			SE1/4NE1/4 SEC. 29-24-15 W.		
TURTLE CREEK, SOUTH BRANCH,	01-08	0.00	CEDAR CREEK NEAR CABLES	03-20	43.00
NO. 1 NEAR ELYRIA	02-06	0.00	SE1/4SE1/4 SEC. 32-23-13 W.		
SW1/4SW1/4 SEC. 9-19-15 W.	03-08	0.00	CEDAR CREEK AT ERICSON	03-20	119.00
	03-19	0.00	SW1/4SW1/4 SEC. 15-21-12 W.		
	04-04	0.00	CEDAR RIVER NEAR ERICSON	03-20	134.00
	05-02	0.00	SE1/4SE1/4 SEC. 25-21-12 W.		
	05-29	0.00	CEDAR RIVER AT PRIMROSE	03-20	228.00
	11-18	0.00	NE1/4NE1/4 SEC. 17-19-8 W.		
TURTLE CREEK, SOUTH BRANCH,	12-09	0.00	CEDAR RIVER AT CEDAR RAPIDS	03-20	215.00
NO. 1 NEAR ELYRIA			SE1/4SE1/4 SEC. 5-18-7 W.		
SW1/4SW1/4 SEC. 9-19-15 W.			CEDAR RIVER AT BELGRADE	03-20	235.00
TURTLE CREEK, SOUTH BRANCH,	01-08	0.00	SE1/4NE1/4 SEC. 2-17-7 W.		
TRIB. TO, NO. 2 NEAR ORD			<u>LOWER LOUP RIVER BELOW CEDAR RIVER</u>		
SW1/4NW1/4 SEC. 8-19-15 W.			PLUM CREEK NEAR FULLERTON	10-21	1.40
TURTLE CREEK, SOUTH BRANCH,	02-06	0.00	SE1/4SW1/4 SEC. 20-17-5 W.		
TRIB. TO NO. 2 NEAR ORD	03-08	0.00	COUNCIL CREEK NEAR GENOA	10-21	0.19
SW1/4NW1/4 SEC. 8-19-15 W.	03-19	0.00	SW1/4NW1/4 SEC. 36-17-5 W.		

PLATTE RIVER BASIN  
( LOUP RIVER )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<b>LOWER LOUP RIVER BELOW CEDAR RIVER</b>			<b>BEAVER CREEK NEAR LORETTO</b>		
BEAVER CREEK NEAR BARTLETT SW1/4NE1/4 SEC. 8-23-11 W.	10-21	1.93	SW1/4/NW1/4 SEC. 11-21-7 W.	06-12	51.70
BEAVER CREEK NEAR BARTLETT SE1/4NE1/4 SEC. 12-23-10 W.	01-15	1.43		07-15	31.70
	02-21	9.05	BEAVER CREEK NEAR ALBION NW1/4/NE1/4 SEC. 26-20-6 W.	08-15	42.60
	03-18	4.40		09-17	82.70
	06-12	1.10		10-21	77.60
	07-15	0.81	BEAVER CREEK AT BOONE NW1/4/SW1/4 SEC. 16-19-5 W.	10-21	93.00
	08-15	1.18		10-21	113.00
	09-17	9.84	BEAVER CREEK NEAR ST. EDWARD SW1/4/SE1/4 SEC. 12-18-5 W.	10-21	115.00
	10-21	6.69			
	11-25	2.41	BEAVER CREEK NEAR GENOA SW1/4/NW1/4 SEC. 33-18-4 W.	10-21	115.00
BEAVER CREEK NEAR BARTLETT SW1/4NW1/4 SEC. 21-23-10 W.	10-21	11.50	LOOKING GLASS CREEK NEAR GENOA SE1/4NE1/4 SEC. 30-18-3 W.	09-04	1.50
BEAVER CREEK NEAR BARTLETT SE1/4SW1/4 SEC. 24-23-10 W.	01-15	5.02	LOOKING GLASS CREEK NEAR MONROE NW1/4NE1/4 SEC. 8-17-3 W.	09-04	12.20
	02-21	30.50		09-04	1.10
	03-18	14.10	LOUP RIVER, TRIBUTARY TO, NEAR MONROE NE1/4SE1/4 SEC. 2-17-3 W.	09-04	0.00
	06-12	3.51	CHERRY CREEK NEAR MONROE SE1/4NE1/4 SEC. 25-18-3 W.	09-04	0.00
	07-15	1.86	CHERRY CREEK NEAR MONROE NW1/4NE1/4 SEC. 6-17-2 W.	09-04	0.00
	08-15	3.45	LOUP RIVER, TRIBUTARY TO, NEAR MONROE SE1/4SE1/4 SEC. 20-18-2 W.	09-04	0.00
	09-17	26.60	LOUP RIVER, TRIBUTARY TO, NEAR MONROE NE1/4NW1/4 SEC. 34-18-2 W.	09-04	54.00
	10-21	14.70		10-01	6.20
	11-25	7.46	BARNUM CREEK NEAR COLUMBUS NE/SE SEC. 31-17-1 E.	09-09	0.51
BEAVER CREEK NW1/4NE1/4 SEC. 21-23-9 W.	02-21	31.40			
	03-18	22.10			
	06-12	8.28			
	07-15	5.94			
	08-15	7.47			
	09-17	36.40			
BEAVER CREEK NW1/4NE1/4 SEC. 35-23-9 W.	10-21	20.70			
BEAVER CREEK NW1/4NW1/4 SEC. 35-23-9 W.	02-21	43.80			
	03-18	30.70			
	06-12	12.70			
	07-15	9.79			
	08-15	12.20			
	09-17	37.80			
	10-21	26.00			
	11-25	16.20			
BEAVER CREEK NEAR RAEVILLE NW1/4NW1/4 SEC. 8-22-8 W.	02-21	62.90			
	03-18	44.80			
	06-12	20.00			
	07-15	15.70			
	08-15	19.00			
	09-17	48.80			
	10-21	44.20			
BEAVER CREEK NEAR PETERSBURG NW1/4SW1/4 SEC. 24-22-8 W.	01-15	43.80			
	02-21	93.40			
	03-18	68.60			
	06-12	36.60			
	07-15	27.20			
	08-15	33.70			
	09-17	65.00			
	10-21	60.00			
	11-25	45.80			
BEAVER CREEK E1/2 SEC. 31-22-7 W.	03-18	79.00			
	06-12	43.80			
	07-15	33.80			
	08-15	40.60			
	09-17	75.20			
	10-21	71.00			
BEAVER CREEK NEAR LORETTO SW1/4NW1/4 SEC. 11-21-7 W.	03-18	85.40			

## PLATTE RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>PLATTE RIVER, LOUP RIVER TO ELKHORN RIVER</u>			PLATTE RIVER, TRIBUTARY TO, NEAR NORTH BEND SW1/4SE1/4 SEC. 4-17-5 E.	08-21	0.00
PLATTE RIVER, TRIBUTARY TO, NEAR COLUMBUS SE1/4NW1/4 SEC. 8-17-1 E.	09-04	2.00	PLATTE RIVER, TRIBUTARY TO, NEAR AMES SW1/4SW1/4 SEC. 7-17-7 E.	08-21	0.21
CLEAR CREEK NEAR SHELBY SW1/4NW1/4 SEC. 36-16-2 W.	04-12 11-06	2.75 9.72	ELM CREEK NEAR FREMONT SE1/4NE1/4 SEC. 33-17-8 E.	08-05	0.36
CLEAR CREEK NEAR BELLWOOD NW1/4SW1/4 SEC. 7-16-2 E.	04-12	49.90	PLATTE RIVER, TRIBUTARY TO, NEAR FREMONT SE1/4SE1/4 SEC. 10-17-7 E.	08-21	1.30
CLEAR CREEK NEAR BELLWOOD NW1/4/SW1/4 SEC. 7-16-2 E.	11-06	73.70			
WILSON CREEK NEAR BELLWOOD NE1/4/NE1/4 SEC. 11-16-1 E.	04-12 11-06	3.09 2.87			
DEER CREEK NEAR BELLWOOD NW1/4SW1/4 SEC. 10-16-2 E.	07-30	1.69			
BONE CREEK NEAR OCTAVIA NW1/4SW1/4 SEC. 35-17-3 E.	04-12 11-06	7.09 3.84			
SHELL CREEK NEAR LINDSAY SW1/4SE1/4 SEC. 18-20-3 W.	09-04	1.70			
SHELL CREEK NEAR TARNOV SE1/4NE1/4 SEC. 31-19-2 W.	07-30	23.00			
ELM CREEK AT PLATTE CENTER NW1/4 SE1/4 SEC. 13-18-2 W.	09-04	0.39			
SHELL CREEK NEAR PLATTE CENTER NW1/4NW1/4 SEC. 29-18-1 W.	09-04	7.20			
LOSEKE CREEK SE1/4NW1/4 SEC. 2-18-1 E.	07-30	2.79			
LOSEKE CREEK NEAR RICHLAND SW1/4SE1/4 SEC. 13-18-1 E.	09-04	3.50			
SHELL CREEK, TRIBUTARY TO, NEAR RICHLAND SW1/4SE1/4 SEC. 17-18-2 E.	09-04	0.81			
SHELL CREEK NEAR SCHUYLER SE1/4SE1/4 SEC. 7-17-4 E.	07-30	35.70			
SHELL CREEK NEAR SCHUYLER SE1/4SE1/4 SEC. 8-17-4 E.	08-20	28.00			
LOST CREEK ABOVE LOUP POWER CANAL SW1/4SW1/4 SEC. 16-17-1 E.	09-04	1.60			
LOST CREEK NEAR COLUMBUS NW1/4SW1/4 SEC. 25-17-1 E.	09-09	18.00			
LOST CREEK, TRIBUTARY TO, AT RICHLAND NW1/4NW1/4 SEC. 22-17-3 E.	08-20	2.60			
LOST CREEK NEAR SCHUYLER SW1/4SE1/4 SEC. 18-17-4 E.	08-20	17.00			
PLATTE RIVER, TRIBUTARY TO, NEAR NORTH BEND NW1/4SW1/4 SEC. 10-17-4 E.	08-20	0.60			
SKULL CREEK AT LINWOOD NE1/4SW1/4 SEC. 26-17-4 E.	04-12 11-06	13.90 10.64			
SKULL CREEK NEAR LINWOOD SE1/4SW1/4 SEC. 23-16-4 E.	08-16	3.80			

PLATTE RIVER BASIN  
( ELKHORN RIVER )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>UPPER ELKHORN RIVER</u>			TRUEBLOOD CREEK NEAR OAKDALE SW1/4SE1/4 SEC. 33-25-5 W.	04-11	0.19
ELKHORN RIVER NEAR NEWPORT SW1/4SW1/4 SEC. 5-29-17 W.	05-09	2.30	SAINT CLAIR CREEK NEAR OAKDALE NW1/4SW1/4 SEC. 9-24-5 W.	03-26	0.29
ELKHORN RIVER, SOUTH BRANCH, NEAR STUART SE1/4SE1/4 SEC. 5-30-16 W.	05-09	7.80	IVES CREEK NEAR TILDEN NE1/4NE1/4 SEC. 15-24-5 W.	03-26	1.10
ELKHORN RIVER, NORTH BRANCH, NEAR STUART SE1/4NE1/4 SEC. 32-31-16 W.	05-09	0.73	GILES CREEK NEAR TILDEN SE1/4SE1/4 SEC. 13-24-5 W.	04-11	3.40
KEEGAN CREEK NEAR STUART SE1/4SE1/4 SEC. 20-30-15 W.	05-09	2.90	AL HOPKINS CREEK NEAR TILDEN NE1/4NE1/4 SEC. 12-24-5 W.	04-11	0.90
DRY CREEK NEAR ATKINSON NE1/4NE1/4 SEC. 8-29-14 W.	05-09	0.00	DRY CREEK NEAR TILDEN NW1/4SE1/4 SEC. 21-24-4 W.	07-16	0.73
HOLT CREEK NEAR ATKINSON NW1/4NW1/4 SEC. 28-28-14 W.	05-09	25.00	BUFFALO CREEK AT MEADOW GROVE NW1/4NW1/4 SEC. 24-24-4 W.	07-16	2.90
DRY CREEK NEAR AMELIA SW1/4NW1/4 SEC. 35-27-14 W.	05-09	0.00	DEER CREEK NEAR MEADOW GROVE NE1/4NE1/4 SEC. 30-24-3 W.	07-16	1.80
DRY CREEK NEAR O'NEILL SW1/4SW1/4 SEC. 8-28-11 W.	05-08	26.00	BATTLE CREEK NEAR BATTLE CREEK NE1/4NE1/4 SEC. 35-23-3 W.	07-15	1.90
ELKHORN RIVER, TRIBUTARY TO, NEAR PAGE NW1/4NW1/4 SEC. 7-27-9 W.	05-08	0.00	BATTLE CREEK NEAR BATTLE CREEK SW1/4NW1/4 SEC. 31-24-2 W.	03-18	18.00
WILLOW SWAMP CREEK NEAR EWING SE1/4SE1/4 SEC. 13-27-10 W.	05-08	3.00	ELKHORN RIVER, TRIBUTARY TO, NEAR BATTLE CREEK NW1/4SW1/4 SEC. 34-24-2 W.	03-18	4.80
ELKHORN RIVER, SOUTH FORK, NEAR CHAMBERS NW1/4NW1/4 SEC. 6-26-11 W.	05-09	18.00	ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE1/4NW1/4 SEC. 6-23-1 W.	03-18 09-09	1.20 0.39
ELKHORN RIVER, SOUTH FORK, TRIBUTARY TO, NEAR CHAMBERS NW1/4SW1/4 SEC. 6-25-11 W.	05-09	1.50	ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE1/4NW1/4 SEC. 5-23-1 W.	03-18 09-09	4.50 0.19
CACHE CREEK NEAR GOOSE LAKE NE1/4NW1/4 SEC. 29-25-11 W.	05-09	2.90	<u>NORTH FORK OF THE ELKHORN RIVER</u>		
CACHE CREEK NEAR EWING SW1/4NE1/4 SEC. 13-26-9 W.	05-08	38.00	ELKHORN RIVER, NORTH FORK, NEAR OSMOND NW1/4NW1/4 SEC. 1-27-3 W.	04-10	22.00
CLEARWATER CREEK NEAR EWING SW1/4SW1/4 SEC. 33-25-9 W.	05-09	27.00	ELKHORN RIVER, WEST BRANCH OF THE NORTH FORK, NEAR OSMOND NE1/4NW1/4 SEC. 2-27-3 W.	04-10	1.80
CLEARWATER CREEK NEAR CLEARWATER NW1/4SW1/4 SEC. 30-25-8 W.	04-11	33.00	BRESLAU CREEK NEAR BRESLAU NE1/4NW1/4 SEC. 4-27-3 W.	04-10	1.30
HACKBERRY CREEK NEAR CLEARWATER SE1/4NW1/4 SEC. 32-26-7 W.	04-11	0.00	ELKHORN RIVER, NORTH FORK, NEAR FOSTER SW1/4SE1/4 SEC. 5-26-2 W.	04-10	37.00
ANTELOPE CREEK NEAR NELIGH NW1/4SW1/4 SEC. 24-25-7 W.	03-26	3.10	DRY CREEK, TRIBUTARY TO, NEAR PLAINVIEW NW1/4NE1/4 SEC. 14-27-4 W.	04-15	0.00
HALL CREEK AT NELIGH NE1/4SE1/4 SEC. 18-25-6 W.	03-16	0.02	DRY CREEK AT FOSTER NW1/4NE1/4 SEC. 33-27-3 W.	04-15	17.00
BELMAR CREEK AT NELIGH NW1/4SW1/4 SEC. 21-25-6 W.	03-26	0.21	DRY CREEK NEAR PIERCE SW1/4SW1/4 SEC. 10-26-2 W.	04-10	33.00
CEDAR CREEK NEAR ELGIN SW1/4SW1/4 SEC. 2-23-6 W.	04-11	1.40	YANKTON SLOUGH NEAR PIERCE SW1/4SW1/4 SEC. 13-26-2 W.	04-10	8.40
WEST CEDAR CREEK NEAR ELGIN SE1/4NE1/4 SEC. 4-23-6 W.	04-11	3.80	WILLOW CREEK NEAR PLAINVIEW NE1/4NE1/4 SEC. 20-26-4 W.	04-15	4.50
CEDAR CREEK AT OAKDALE NW1/4NW1/4 SEC. 12-24-6 W.	03-26	23.00			
ELM CREEK NEAR OAKDALE NW1/4SW1/4 SEC. 8-24-5 W.	03-26	0.10			

PLATTE RIVER BASIN  
( ELKHORN RIVER )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
WILLOW CREEK NEAR FOSTER NW1/4NE1/4 SEC. 4-25-3 W.	03-19	21.00	INDIAN CREEK NEAR STANTON NW1/4NW1/4 SEC. 21-23-2 E.	07-16	0.60
WILLOW CREEK ABOVE RESERVOIR SW1/4SE1/4 SEC. 2-25-3 W.	03-19	23.00	CEDAR CREEK NEAR STANTON NW1/4SW1/4 SEC. 19-23-2 E.	07-16	2.40
WILLOW CREEK, TRIBUTARY TO, NEAR PIERCE SE1/4SW1/4 SEC. 30-26-2 W.	03-29	0.49	PAYNE CREEK NEAR STANTON SW1/4NE1/4 SEC. 12-23-2 E.	07-17	1.60
WILLOW CREEK BELOW WILLOW CREEK DAM SW1/4SE1/4 SEC. 33-26-2 W.	03-19	24.00	HUMBUG CREEK NEAR WINSIDE NE1/4NE1/4 SEC. 35-25-2 E.	11-05	2.80
WILLOW CREEK NEAR PIERCE SE1/4NE1/4 SEC. 33-26-2 W.	03-19	25.00	HUMBUG CREEK NEAR PILGER SW1/4SW1/4 SEC. 6-24-3 E.	07-17	7.40
WILLOW CREEK AT PIERCE SE1/4SE1/4 SEC. 27-26-2 W.	03-19	26.00	HUMBUG CREEK NEAR PILGER SE1/4SE1/4 SEC. 28-24-3 E.	07-17	14.00
ELKHORN RIVER, TRIBUTARY TO, NORTH FORK, NEAR HADAR NW1/4NE1/4 SEC. 19-25-1 W.	03-19	0.23	SAND CREEK NEAR WISNER SE1/4SE1/4 SEC. 29-24-4 E.	05-28	4.50
HADAR CREEK AT HADAR NE1/4NW1/4 SEC. 32-25-1 W.	03-19	0.30	LEISY CREEK NEAR WISNER NW1/4SE1/4 SEC. 10-23-4 E.	07-26	0.49
SPRING CREEK NEAR NORFOLK SE1/4SW1/4 SEC. 11-24-1 W.	03-09 09-09	11.70 3.80	ROCK CREEK NEAR WISNER NE1/4NE1/4 SEC. 11-24-4 E.	07-26	4.80
<u>MIDDLE REACH OF THE ELKHORN RIVER</u>			ROCK CREEK NEAR BEEMER SW1/4SE1/4 SEC. 33-23-5 E.	07-26	13.00
ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE1/4NW1/4 SEC. 20-24-1 E.	08-16	0.17	PLUM CREEK NEAR ALTONA SE1/4SE1/4 SEC. 7-24-5 E.	05-28	15.00
ELKHORN RIVER, TRIBUTARY TO, NEAR STANTON SW1/4NE1/4 SEC. 29-23-1 E.	06-11	1.20	KANE CREEK NEAR WISNER SE1/4SW1/4 SEC. 8-24-5 E.	05-28	4.30
ELKHORN RIVER, TRIBUTARY TO, NEAR STANTON SW1/4SW1/4 SEC. 26-23-1 E.	06-11	3.10	DRY CREEK NEAR WISNER SE1/4SW1/4 SEC. 22-24-5 E.	05-28	2.80
PLEASANT RUN CREEK NEAR STANTON NE1/4NE1/4 SEC. 25-23-1 E.	07-16	0.92	PLUM CREEK, TRIBUTARY TO, NEAR WISNER NE1/4SE1/4 SEC. 34-24-5 E.	05-28	4.20
UNION CREEK NEAR MADISON SE1/4SE1/4 SEC. 26-21-2 W.	07-15	1.10	PLUM CREEK NEAR WISNER NW1/4NW1/4 SEC. 2-23-5 E.	05-28	28.00
TAYLOR CREEK NEAR MADISON NE1/4NE1/4 SEC. 27-22-2 W.	07-15	3.00	PLUM CREEK, TRIBUTARY TO, NEAR BEEMER SE1/4SW1/4 SEC. 17-23-6 E.	05-28	1.00
NORTH TAYLOR CREEK NEAR MADISON NW1/4NE1/4 SEC. 24-22-2 W.	07-15	0.19	PLUM CREEK NEAR WEST POINT SE1/4SW1/4 SEC. 4-22-6 E.	05-28	34.00
TAYLOR CREEK AT MADISON SE1/4NW1/4 SEC. 32-22-1 W.	07-15	9.00	WORTHANS CREEK NEAR WEST POINT NW1/4NW1/4 SEC. 14-21-6 E.	07-15	0.06
MERIDAN CREEK NEAR MADISON SE1/4SE1/4 SEC. 12-21-1 W.	07-15	5.60	FISHER CREEK NEAR WEST POINT NE1/4NE1/4 SEC. 8-21-6 E.	07-15	0.30
SAND CREEK NEAR STANTON SW1/4SW1/4 SEC. 16-22-1 E.	06-11	1.20	FISHER CREEK, TRIBUTARY TO, NEAR WEST POINT NE1/4SE1/4 SEC. 8-21-6 E.	07-15	0.66
UNION CREEK NEAR STANTON NE1/4NE1/4 SEC. 1-22-1 E.	07-16	31.00	COFFEE CREEK NEAR WEST POINT SW1/4SE1/4 SEC. 28-21-6 E.	07-15	0.24
BUTTERFLY CREEK NEAR STANTON SW1/4SE1/4 SEC. 32-23-2 E.	06-11	5.00	CUMING CREEK NEAR BEEMER SE1/4SE1/4 SEC. 30-23-7 E.	07-23	0.40
MASKENTHINE CREEK AT STANTON SE1/4SW1/4 SEC. 20-23-2 E.	07-16	0.00	CUMING CREEK NEAR WEST POINT NE1/4NE1/4 SEC. 3-21-7 E.	07-15	2.50
MASKENTHINE CREEK NEAR STANTON NE1/4NW1/4 SEC. 31-24-2 E.	09-27	0.95	WILLOW CREEK NEAR WEST POINT NE1/4NW1/4 SEC. 16-21-7 E.	07-15	0.77
			CUMING CREEK NEAR SCRIBNER SW1/4SE1/4 SEC. 29-20-7 E.	08-21	6.00

PLATTE RIVER BASIN  
( ELKHORN RIVER )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
PEBBLE CREEK NEAR ALOYS SW1/4SW1/4 SEC. 14-21-5 E.	07-25	3.90	JEPSON CREEK NEAR BANCROFT NW1/4NE1/4 SEC. 17-24-7 E.	07-23	0.49
PEBBLE CREEK, TRIBUTARY TO, AT SNYDER SE1/4SE1/4 SEC. 18-20-5 E.	08-20	4.60	OLD LOGAN (RATTLESNAKE) CREEK NEAR BANCROFT NW1/4NW1/4 SEC. 22-24-7 E.	07-23	0.80
SILVER CREEK NEAR SCRIBNER NW1/4NE1/4 SEC. 2-19-6 E.	08-21	2.10	BIG SLOUGH CREEK NEAR ROSALIE SW1/4SE1/4 SEC. 22-24-8 E.	09-27	1.50
<u>LOGAN CREEK</u>			BIG SLOUGH CREEK, TRIBUTARY TO, NEAR ROSALIE SE1/4SE1/4 SEC. 22-24-8 E.	09-27	0.37
LOGAN CREEK, MIDDLE FORK, AT RANDOLPH NW1/4NW1/4 SEC. 29-28-1 E.	07-17	0.24	LITTLE LOGAN CREEK NEAR LYONS SW1/4SE1/4 SEC. 34-23-8 E.	09-26	5.20
LOGAN CREEK, MIDDLE FORK, NEAR LAUREL SW1/4SW1/4 SEC. 6-28-3 E.	07-17	8.60	LOGAN CREEK, TRIBUTARY TO, NEAR OAKLAND SE1/4SW1/4 SEC. 15-22-8 E.	09-26	0.64
PERRIN CREEK NEAR LAUREL SW1/4SE1/4 SEC. 30-29-3 E.	07-17	6.40	OLD LOGAN CREEK CHANNEL NEAR ROSALIE SE1/4NW1/4 SEC. 28-24-8 E.	10-29	0.00
BAKER CREEK NEAR LAUREL SW1/4SW1/4 SEC. 13-28-3 E.	07-17	5.00	PETERSON CREEK NEAR OAKLAND NE1/4SW1/4 SEC. 10-21-8 E.	09-26	0.64
LOGAN CREEK NEAR CONCORD SE1/4SW1/4 SEC. 13-28-3 E.	11-14	25.00	ROMBERG CREEK NEAR UHRLING SW1/4NE1/4 SEC. 4-20-8 E.	08-21	1.30
LOGAN CREEK, NORTH FORK, NEAR LAUREL SW1/4SW1/4 SEC. 36-29-3 E.	07-17	1.50	<u>LOWER ELKHORN RIVER</u>		
LOGAN CREEK, NORTH FORK, NEAR CONCORD NW1/4NE1/4 SEC. 28-28-4 E.	09-04	1.90	CLARK CREEK NEAR WINSLOW NE1/4NW1/4 SEC. 19-19-9 E.	08-21	2.70
LOGAN CREEK NEAR WAKEFIELD NE1/4NE1/4 SEC. 30-27-5 E.	09-11	54.00	MAPLE CREEK, MIDDLE FORK, AT CLARKSON NW1/4NW1/4 SEC. 8-20-3 E.	08-20	7.70
LOGAN CREEK, SOUTH FORK, NEAR WINSIDE SW1/4SW1/4 SEC. 33-26-3 E.	06-10	7.00	DRY CREEK NEAR ROGERS SE1/4SE1/4 SEC. 15-18-4 E.	08-05	3.00
DEER CREEK, TRIBUTARY TO, NEAR WAYNE NW1/4NW1/4 SEC. 17-26-3 E.	07-26	6.70	MAPLE CREEK, MIDDLE FORK, NEAR ROGERS NE1/4SE1/4 SEC. 14-18-4 E.	08-20	14.00
DEER CREEK NEAR WAYNE SE1/4SW1/4 SEC. 10-26-3 E.	07-26	12.00	MAPLE CREEK, EAST FORK, NEAR HOWELLS NW1/4NE1/4 SEC. 17-20-4 E.	08-20	6.30
LOGAN CREEK, SOUTH FORK, AT WAYNE SW1/4SW1/4 SEC. 18-26-4 E.	06-10	28.00	MAPLE CREEK, EAST FORK, NEAR ROGERS NE1/4NE1/4 SEC. 2-18-4 E.	08-20	9.80
DOG CREEK NEAR WAYNE SW1/4NW1/4 SEC. 6-26-4 E.	06-11	18.00	CRYSTAL CREEK NEAR NORTH BEND NE1/4SE1/4 SEC. 35-19-5 E.	08-21	0.56
LOGAN CREEK, SOUTH FORK, NEAR WAKEFIELD SW1/4NW1/4 SEC. 31-27-5 E.	09-11	40.00	ELKHORN RIVER, TRIBUTARY TO, NEAR FRENOMT NE1/4SE1/4 SEC. 5-17-9 E.	08-21	3.60
COON CREEK NEAR WAKEFIELD NW1/4NE1/4 SEC. 15-26-5 E.	07-26	3.40	BELL CREEK NEAR CRAIG SW1/4SW1/4 SEC. 26-21-9 E.	09-26	15.00
RATTLESNAKE CREEK NEAR THURSTON NW1/4SW1/4 SEC. 17-25-6 E.	10-29	2.00	BELL CREEK NEAR TALBASTA NE1/4NW1/4 SEC. 36-19-9 E.	09-12	22.00
MIDDLE CREEK NEAR PENDER SE1/4NE1/4 SEC. 10-25-6 E.	10-29	7.10	LITTLE BELL CREEK NEAR FONTANELLE SW1/4SE1/4 SEC. 18-18-10 E.	09-12	4.30
LOGAN CREEK, TRIBUTARY TO, NEAR PENDER SE1/4SE1/4 SEC. 22-25-6 E.	10-29	0.22	BROWN CREEK NEAR ARLINGTON NW1/4NW1/4 SEC. 6-17-10 E.	09-12	2.00
STAGE CREEK NEAR PENDER NW1/4NW1/4 SEC. 2-24-6 E.	07-23	0.25	BELL CREEK NEAR ARLINGTON NW1/4SW1/4 SEC. 6-17-10 E.	09-12	34.00
RATTLESNAKE CREEK NEAR PENDER NW1/4NW1/4 SEC. 12-24-7 E.	07-23	0.08			

PLATTE RIVER BASIN  
( ELKHORN RIVER )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
WALNUT CREEK NEAR ARLINGTON SW1/4SE1/4 SEC. 33-17-10 E.	09-12	0.00
RAWHIDE CREEK NEAR FREMONT SW1/4SW1/4 SEC. 16-17-9 E.	08-21	0.48
RAWHIDE CREEK NEAR VALLEY NW1/4NW1/4 SEC. 31-17-10 E.	08-21	1.81
RAWHIDE CREEK NEAR VALLEY SE1/4NE1/4 SEC. 5-16-10 E.	09-11	0.78
RAWHIDE CREEK (OLD CHANNEL) NEAR VALLEY NE1/4NW1/4 SEC. 21-16-10 E.	09-11	0.00
BIG SLOUGH NEAR KING LAKE SW1/4NW1/4 SEC. 28-16-10 E.	09-11	1.30



PLATTE RIVER BASIN  
(SALT CREEK)

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<b>SALT CREEK</b>			JOHNSON CREEK NEAR MEMPHIS SE1/4SE1/4 SEC. 27-14-9 E.	04-10 10-28	2.01 1.65
SPRING BRANCH CREEK NEAR SPRAGUE SW1/4NW1/4 SEC. 4-7-6 E.	06-25	0.40	CLEAR CREEK NEAR ASHLAND SE1/4SE1/4 SEC. 23-13-9 E.	04-10	17.93
SALT CREEK AT LINCOLM NW1/4NW1/4 SEC. 11-9-6 E.	08-07	1.16			
HAINES BRANCH CREEK NEAR DENTON SE1/4NW1/4 SEC. 14-9-5 E.	06-25	4.05			
MIDDLE CREEK NEAR GARLAND NE1/4SE1/4 SEC. 35-11-4 E.	08-07	1.75			
ANTELOPE CREEK AT LINCOLN SE1/4NW1/4 SEC. 32-10-7 E.	08-07	0.64			
MIDDLE CREEK, TRIBUTARY TO, NEAR PLEASANT DALE SE1/4NE1/4 SEC. 26-10-4 E.	08-07	2.33			
MIDDLE CREEK, NORTH BRANCH, NEAR PAVNEE LAKE SW1/4SW1/4 SEC. 31-11-5 E.	07-05	1.04			
BATES BRANCH OF SALT CREEK NEAR TOUHY NE1/4SE1/4 SEC. 21-13-5 E.	08-06	1.11			
NORTH OAK CREEK NEAR RAYMOND SE1/4SE1/4 SEC. 2-12-5 E.	07-05	7.51			
NORTH OAK CREEK NEAR AGNEW SE1/4NE1/4 SEC. 24-12-5 E.	08-06	10.70			
OAK CREEK NEAR GARLAND SE1/4NE1/4 SEC. 13-12-4 E.	05-10	6.29			
OAK CREEK BELOW DAM NW1/4NW1/4 SEC. 34-12-5 E.	07-17	4.91			
OAK CREEK NEAR RAYMOND NW1/4NW1/4 SEC. 6-11-6 E.	06-05	7.46			
JORDAN CREEK NEAR WAVERLY NW1/4NW1/4 SEC. 18-11-8 E.	06-13 06-26	1.60 1.33			
SALT CREEK NEAR WAVERLY SE1/4SW1/4 SEC. 4-11-8 E.	08-06	202.18			
DEE CREEK NEAR GREENWOOD NE1/4SW1/4 SEC. 6-11-9 E.	06-13 10-25	2.40 3.10			
CALLAHAN CREEK NEAR GREENWOOD SW1/4SW1/4 SEC. 15-12-9 E.	06-13 10-26	4.84 4.95			
WAHOO CREEK, NORTH FORK, NEAR MALMO SW1/4NW1/4 SEC. 29-15-6 E.	04-10 10-28	4.59 3.39			
COTTONWOOD CREEK NEAR MALMO NW1/4NE1/4 SEC. 22-15-6 E.	04-10 10-28	5.56 3.43			
SAND CREEK NEAR WAHOO SE1/4SE1/4 SEC. 3-14-7 E.	04-10 10-28	25.13 19.64			
WAHOO CREEK NEAR WAHOO SW1/4SW1/4 SEC. 11-14-7 E.	08-06	17.50			
SILVER CREEK NEAR ITHACA NE1/4NW1/4 SEC. 34-14-8 E.	04-10 10-28	12.14 9.93			
CLEAR CREEK NEAR YUTAN NE1/4SE1/4 SEC. 2-14-9 E.	08-05	2.91			

## PLATTE RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>PLATTE RIVER, SALT CREEK TO MOUTH</u>		
WESTERN SARDY COUNTY DRAIN NEAR GRETNA SW1/4SE1/4 SEC. 21-13-10 E.	08-05	3.42
PLATTE RIVER, TRIBUTARY TO, NEAR SOUTH BEND NE1/4NE1/4 SEC. 11-12-10 E.	09-10	0.21
FOUNTAIN CREEK NEAR SOUTH BEND SE1/4NE1/4 SEC. 24-12-10 E.	06-06 10-23	2.60 0.00
DECKER CREEK NEAR LOUISVILLE NW1/4SE1/4 SEC. 29-12-11 E.	07-31	0.89
BUFFALO CREEK NEAR SPRINGFIELD SE1/4NE1/4 SEC. 34-13-11 E.	07-31	1.09
BUFFALO CREEK NEAR SPRINGFIELD SW1/4SW1/4 SEC. 36-13-11 E.	09-10	1.60
CEDAR CREEK NEAR LOUISVILLE SE1/4SW1/4 SEC. 19-12-12 E.	06-06 07-31 10-26	4.98 2.22 3.67
TURTLE CREEK NEAR SPRINGFIELD NW1/4SW1/4 SEC. 35-13-11 E.	09-10	0.08
ZWIEBEL CREEK NEAR PAPILLION NE1/4NW1/4 SEC. 30-13-13 E.	07-31 09-10	1.09 0.82
EIGHT MILE CREEK NEAR PLATTSMOUTH SE1/4SW1/4 SEC. 9-12-13 E.	06-06 10-23	12.30 9.41
BACHELOR CREEK NEAR PLATTSMOUTH NE1/4SW1/4 SEC. 20-12-13 E.	08-16	1.38

MISSOURI RIVER TRIBUTARIES  
( PLATTE TO LITTLE NEMAHA )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<b><u>ROCK CREEK</u></b>		
MUD CREEK NEAR MURRAY SE1/4NE1/4 SEC. 17-11-14 E.	06-06 10-23	1.06 1.02
<b><u>WEEPING WATER CREEK</u></b>		
WEEPING WATER CREEK, NORTH BRANCH, NEAR WEEPING WATER NW1/4NW1/4 SEC. 3-10-11 E.	04-17 10-23	10.60 16.19
WEEPING WATER CREEK, TRIBUTARY TO NORTH BRANCH, NEAR NEHAWKA SE1/4NW1/4 SEC. 18-10-13 E.	04-17	4.53
WEEPING WATER CREEK, TRIBUTARY TO NORTH BRANCH, NEAR NEHAWKA SE1/4NW1/4 SEC. 18-10-13 E.	10-23	4.30
WEEPING WATER CREEK, SOUTH BRANCH, AT AVOCA SE1/4NW1/4 SEC. 31-10-12 E.	11-18	4.96
FLOOD CREEK NEAR NEHAWKA SE1/4SE1/4 SEC. 2-9-12 E.	04-07 11-18	1.31 1.85
WEEPING WATER CREEK, SOUTH BRANCH, NEAR UNION NE1/4NW1/4 SEC. 27-10-13 E.	04-12 10-23	11.30 17.88
<b><u>WALNUT CREEK</u></b>		
WALNUT CREEK NEAR NEBRASKA CITY SE1/4NE1/4 SEC. 36-9 -13 E.	04-17	3.23
WALNUT CREEK NEAR NEBRASKA CITY SE1/4NE1/4 SEC. 36-9-13 E.	11-04	3.17
<b><u>FOUR MILE CREEK</u></b>		
FOUR MILE CREEK NEAR NEBRASKA CITY NE1/4SE1/4 SEC. 25-8-14 E.	04-17 11-04	1.90 1.14
<b><u>HONEY CREEK</u></b>		
HONEY CREEK NEAR PERU NW1/4NW1/4 SEC. 36-6-15 E.	05-08 11-05	2.53 2.20

## LITTLE NEMAHA RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>UPPER LITTLE NEMAHA RIVER</u>		
LITTLE NEMAHA RIVER NEAR BENNETT NW1/4SW1/4 SEC. 6-8-9 E.	11-11	1.20
LITTLE NEMAHA RIVER NEAR UNADILLA NW1/4NE1/4 SEC. 5-8-10 E.	04-18 11-11	10.80 6.39
HOOPER CREEK NEAR UNADILLA SE1/4NE1/4 SEC. 30-9-10 E.	04-18 11-11	9.16 7.72
LITTLE NEMAHA RIVER NEAR SYRACUSE SW1/4NW1/4 SEC. 27-8-11 E.	04-18 11-18	30.30 29.76
MUDDY CREEK NEAR SYRACUSE NW1/4NW1/4 SEC. 23-7-11 E.	04-18	3.20
LITTLE NEMAHA RIVER, SOUTH FORK, AT DOUGLAS SW1/4NW1/4 SEC. 11-7-9 E.	04-18	1.36
TURKEY CREEK NEAR COOK NE1/4SW1/4 SEC. 8-6-11 E.	05-08 10-29	1.45 1.31
LITTLE NEMAHA RIVER, SOUTH FORK, NEAR TALMAGE NE1/4NW1/4 SEC. 29-7-12 E.	04-18	21.90
SPRING CREEK NEAR TALMAGE NW1/4NW1/4 SEC. 27-7-12 E.	04-18	3.13
<u>LOWER LITTLE NEMAHA RIVER</u>		
LITTLE NEMAHA RIVER, NORTH FORK, NEAR LORTON SW1/4SW1/4 SEC. 12-7-12 E.	04-18 11-04	9.61 15.21
ROCK CREEK NEAR AUBURN NW1/4SE1/4 SEC. 29-6-14 E.	05-08 11-05	4.09 5.67
ORD CREEK NEAR AUBURN SE1/4NE1/4 SEC. 7-5-14 E.	05-08 11-05	0.35 0.76
HUGHES CREEK NEAR AUBURN NE1/4SW1/4 SEC. 36-5-14 E.	05-07 11-05	1.33 1.55
JIVERS CREEK NEAR NEMAHA NW1/4NW1/4 SEC. 23-4-15 E.	05-07 11-05	1.05 1.53

MISSOURI RIVER TRIBUTARIES  
(LITTLE NEMAHA TO BIG NEMAHA)

<u>Site and Location</u>	<u>Date</u>	<u>Discharge</u> <u>sec.-ft.</u>
<u>BEADOW CREEK</u>		
BEADOW CREEK NEAR SHUBERT	05-07	2.07
NW1/4SW1/4 SEC. 26-4-16 E.	11-05	4.19
<u>WINNEBAGO CREEK</u>		
WINNEBAGO CREEK NEAR RULO	05-08	2.16
SE1/4SE1/4 SEC. 30-2-18 E.		

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>NORTH FORK OF THE BIG NEMAHA RIVER</u>			<u>SILVER BRANCH</u>		
BIG NEMAHA RIVER, NORTH FORK, AT STERLING NE1/4SE1/4 SEC. 27-6-9 E.	05-07 10-29	13.40 13.24	NEAR FALLS CITY SW1/4SW1/4 SEC. 26-2-16 E.	05-08	0.45
YANKEE CREEK NEAR TECUMSEH NW1/4NW1/4 SEC. 25-5-10 E.	05-17 10-29	3.29 4.66	HALFBREED CREEK NEAR FALLS CITY NE1/4NW1/4 SE. 6-1-17 E.	05-08	3.88
BADGER BRANCH NEAR TECUMSEH SE1/4SE1/4 SEC. 30-5-11 E.	10-29	1.61	MUDDY CREEK NEAR PRESTON SW1/4NW1/4 SEC. 16-1-17 E.	05-08	37.10
BIG NEMAHA RIVER, NORTH FORK, AT TECUMSEH NW1/4NW1/4 SEC. 33-5-11 E.	05-07 10-29	30.30 29.00	ROYS CREEK NEAR RULO SE1/4NE1/4 SEC. 33-1-18 E.	05-08	0.30
CLEAR CREEK AT TABLE ROCK SW1/4NE1/4 SEC. 32-3-12 E.	05-09	0.94			
BIG NEMAHA RIVER, NORTH FORK, NEAR TABLE ROCK NW1/4SE1/4 SEC. 33-3-12 E.	05-09	34.70			
DRY BRANCH NEAR HUMBOLT NE1/4NW1/4 SEC. 19-2-13 E.	05-07	0.24			
LONG BRANCH NEAR HUMBOLT SE1/4SE1/4 SEC. 4-2-13 E.	05-07	5.31			
<u>SOUTH FORK OF THE BIG NEMAHA RIVER</u>					
ROCK CREEK NEAR STEINAUER SW1/4SW1/4 SEC. 24-3-10 E.	05-09	0.34			
TURKEY CREEK NEAR PAWNEE CITY NE1/4SW1/4 SEC. 27-2-11 E.	05-07	1.83			
TURKEY CREEK NEAR PAWNEE CITY NW1/4NE1/4 SEC. 26-1-11 E.	05-07	6.18			
TURKEY CREEK, WEST BRANCH, NEAR PAWNEE CITY SW1/4NW1/4 SEC. 33-2-11 E.	05-07	2.58			
JOHNSON CREEK NEAR DU BOIS SW1/4NW1/4 SEC. 26-1-11 E.	05-07	1.01			
BIG NEMAHA RIVER, SOUTH FORK, NEAR DU BOIS SE1/4NW1/4 SEC. 18-1-13 E.	05-07	35.90			
FOUR MILE CREEK NEAR DAWSON NE1/4NE1/4 SEC. 6-1-14 E.	05-07	2.57			
HONEY CREEK NEAR SALEM NW1/4NW1/4 SEC. 13-1-14 E.	05-08	1.64			
BIG NEMAHA RIVER, SOUTH FORK, AT SALEM NE1/4SW1/4 SEC. 10-1-15 E.	05-08	51.36			
<u>LOWER BIG NEMAHA RIVER</u>					
PONY CREEK NEAR FALLS CITY SE1/4SE1/4 SEC. 22-1-16 E.	05-08	7.90			
MUDDY CREEK NEAR AUBURN NW1/4NE1/4 SEC. 32-4-14 E.	05-07 11-05	6.12 9.30			
LITTLE MUDDY CREEK NEAR STELLA NE1/4SE1/4 SEC. 19-3-15 E.	05-09	7.02			
SARDINE CREEK NEAR VERDOM SW1/4NE1/4 SEC. 10-2-15 E.	05-09	1.58			
MUDDY CREEK AT VERDOM NE1/4NW1/4 SEC. 15-2-15 E.	05-09	23.50			

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>UPPER REPUBLICAN RIVER</u>		
INDIAN CREEK NEAR MAX NW1/4SW1/4 SEC. 16-2-36 W.	12-06	3.85
INDIAN CREEK NEAR MAX SW1/4NW1/4 SEC. 23-2-36 W.	12-06	3.64
MUDDY CREEK NEAR STRATTON NW1/4NE1/4 SEC. 14-2-35 W.	12-06	0.84
<u>FRENCHMAN CREEK</u>		
FRENCHMAN CREEK ABOVE ARTERBURN RESERVOIR SW1/4NW1/4 SEC. 11-6-41 W.	12-06	0.00
FRENCHMAN CREEK BELOW ARTERBURN RESERVOIR NW1/4SE1/4 SEC. 18-6-40 W.	12-06	1.90
FRENCHMAN CREEK NEAR CHAMPION SW1/4NW1/4 SEC. 22-6-40 W.	12-06	6.36
FRENCHMAN CREEK AT CHAMPION NW1/4SW1/4 SEC. 22-6-39 W.	12-06	13.50
FRENCHMAN CREEK NEAR HAMLET SW1/4SW1/4 SEC. 19-5-34 W.	12-06	23.30
STINKING WATER CREEK NEAR WAUNETA SE1/4SE1/4 SEC. 23-7-36 W.	12-06	3.93
SPRING CREEK NEAR ENDERS SE1/4SE1/4 SEC. 32-7-36 W.	12-06	5.88
SPRING CREEK NEAR WAUNETA SE1/4NE1/4 SEC. 11-6-36 W.	12-06	6.23
DITTONS CREEK NEAR ENDERS NE1/4SE1/4 SEC. 32-7-36 W.	12-06	0.00
<u>MIDDLE REACH OF THE REPUBLICAN RIVER</u>		
RED WILLOW CREEK NEAR HAYES CENTER NE1/4NW1/4 SEC. 34-8-32 W.	12-06	8.12
REPUBLICAN RIVER NEAR BARTLEY DIVERSION NE1/4SE1/4 SEC. 17-3-27 W.	07-09	40.10

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>UPPER BIG BLUE RIVER</u>			<u>LOWER BIG BLUE RIVER</u>		
BIG BLUE RIVER NEAR ULYSSES SW1/4SW1/4 SEC. 27-13-2 E.	07-09	11.18	SQUAW CREEK NEAR CRETE SW1/4NW1/4 SEC. 15-7-4 E.	04-11 09-05	0.00 0.00
BIG BLUE RIVER, NORTH FORK, NEAR RISING CITY SE1/4SW1/4 SEC. 31-15-2 E.	11-06	0.00	PRAIRIE CREEK NEAR WILBER SW1/4SW1/4 SEC. 25-6-4 E.	03-25 04-11 05-02 08-05	0.09 0.10 0.13 0.00
BIG BLUE RIVER, TRIBUTARY TO NORTH FORK, NEAR RISING CITY NW1/4NW1/4 SEC. 5-14-2 E.	11-06	1.62	PRAIRIE CREEK NEAR CLATONIA NW1/4NW1/4 SEC. 29-6-5 E.	04-11	0.03
BIG BLUE RIVER, NORTH BRANCH, NEAR ULYSSES NE1/4NW1/4 SEC. 15-13-2 E.	04-12 07-17 11-06	14.20 14.70 22.41	PRAIRIE CREEK AT MOUTH SW1/4SW1/4 SEC. 25-6-4 E.	09-05	0.00
BIG BLUE RIVER, TRIBUTARY TO NORTH FORK, NEAR ULYSSES NW1/4NW1/4 SEC. 15-13-2 E.	11-06	0.05	PRAIRIE CREEK AT HWY 41 NW1/4NW1/4 SEC. 29-6-5 E.	09-05	0.00
BIG BLUE RIVER NEAR STAPLEHURST SE1/4SW1/4 SEC. 10-12-2 E.	05-10 07-12	31.00 11.30	BIG BLUE RIVER NEAR DE WITT NE1/4SW1/4 SEC. 12-5-4 E.	04-11 05-02 09-03	193.00 277.00 201.00
LINCOLN CREEK NEAR YORK SE1/4NE1/4 SEC. 24-11-3 W.	03-29	1.39	CLATONIA CREEK NEAR CORTLAND NW1/4NE1/4 SEC. 6-6-6 E.	04-11 09-05	0.04 0.01
LINCOLN CREEK NEAR THAYER NW1/4SW1/4 SEC. 3-11-2 W.	07-12	15.20	CLATONIA CREEK NEAR CLATONIA NW1/4SW1/4 SEC. 27-6-5 E.	04-11 05-02	1.16 3.07
LINCOLN CREEK NEAR GRESHAM SW1/4NW1/4 SEC. 26-12-1 W.	03-29 05-10 07-08	4.58 6.28 18.27	CLATONIA CREEK NEAR CLATONIA NE1/4NW1/4 SEC. 33-6-5 E.	09-05	0.36
PLUM CREEK NEAR DWIGHT SE1/4SW1/4 SEC. 23-13-3 E.	11-05	3.98	CLATONIA CREEK NEAR MOUTH NW1/4NW1/4 SEC. 17-5-5 E.	09-15	0.14
PLUM CREEK NEAR SEWARD NE1/4NW1/4 SEC. 15-11-3 E.	05-10 07-12	10.80 1.96	CLATONIA CREEK NEAR DE WITT SW1/4SW1/4 SEC. 8-5-5 E.	03-25 04-11 05-02	1.27 1.30 3.72
BIG BLUE RIVER AT MILFORD NW1/4NW1/4 SEC. 26-10-3 E.	07-02	49.84	CLATONIA CREEK NEAR DE WITT SW1/4SE1/4 SEC. 8-5-5 E.	09-19	0.74
<u>WEST FORK OF THE BIG BLUE RIVER</u>			CLATONIA CREEK NEAR DE WITT NW1/4NW1/4 SEC. 17-5-5 E.	07-08 10-14 10-28	0.24 2.99 2.21
BIG BLUE RIVER, WEST FORK, NEAR HASTINGS NE1/4NE1/4 SEC. 3-7-9 W.	05-09	3.54	TURKEY CREEK NEAR GENEVA NW1/4SW1/4 SEC. 21-7-2 W.	06-19	1.34
BIG BLUE RIVER, WEST FORK, NEAR HARVARD NW1/4NW1/4 SEC. 24-8-8 W.	05-09	4.85	TURKEY CREEK, TRIBUTARY TO, NEAR GENEVA SW1/4SW1/4 SEC. 27-7-2 W.	06-19	0.16
BIG BLUE RIVER, WEST FORK, NEAR STOCKHAM NW1/4NW1/4 SEC. 30-9-5 W.	05-09	4.93	TURKEY CREEK NEAR MILLIGAN SW1/4SW1/4 SEC. 19-7-1 E.	06-17 10-07	20.86 2.64
SCHOOL CREEK NEAR GRAFTON NW1/4SE1/4 SEC. 3-8-4 W.	06-19	1.24	TURKEY CREEK AT WILBER NE1/4NE1/4 SEC. 19-6-4 E.	09-05	3.86
BIG BLUE RIVER, WEST FORK, NEAR MCCOOL JUNCTION NW1/4SW1/4 SEC. 36-9-3 W.	05-09	22.41	TURKEY CREEK NEAR DE WITT SE1/4SW1/4 SEC. 4-5-4 E.	03-25 09-05	26.70 6.30
BEAVER CREEK AT YORK SW1/4SE1/4 SEC. 6-10-2 W.	05-09	1.24	TURKEY CREEK NEAR WILBER SE1/4SW1/4 SEC. 4-5-4 E.	04-11	24.50
BEAVER CREEK NEAR BEAVER CROSSING NW1/4NW1/4 SEC. 32-10-1 E.	05-10	5.80	SWAN CREEK, SOUTH FORK, NEAR SWANTON SW1/4NE1/4 SEC. 30-5-3 E.	06-17 10-07	35.89 2.62
WALNUT CREEK NEAR BEAVER CROSSING NW1/4NW1/4 SEC. 8-9-2 E.	05-10	0.53	SWAN CREEK, NORTH FORK, NEAR SWANTON SW1/4SE1/4 SEC. 18-5-3 E.	06-17	8.12
JOHNSON CREEK NEAR DORCHESTER NW1/4SE1/4 SEC. 9-7-3 E.	06-17 10-07	0.00 0.01			



<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
SWAN CREEK NEAR DE WITT NE1/4SW1/4 SEC. 16-5-4 E.	03-25	20.00	SNAKE CREEK NEAR HOAG	03-25	0.00
	04-11	17.80	NW1/4NW1/4 SEC. 1-4-5 E.	04-11	0.00
	06-17	12.80		05-02	0.00
	09-05	8.15		07-08	0.00
	10-07	11.80		08-05	0.00
				09-05	0.00
TURKEY CREEK NEAR DE WITT SW1/4NW1/4 SEC. 24-5-4 E.	07-22	29.60		09-19	0.18
				09-30	4.74
TURKEY CREEK NEAR DE WITT NE1/4SW1/4 SEC. 29-5-5 E.	03-25	50.60	SNAKE CREEK NEAR HOAG	10-28	0.88
	04-02	57.70	NW1/4NW1/4 SEC. 1-4-5 E.		
	04-11	50.20	BIG BLUE RIVER NEAR HOAG	04-11	254.00
	05-02	59.30	NW1/4NW1/4 SEC. 13-4-5 E.	05-02	346.00
	05-14	1100.00		09-03	246.00
	05-15	1930.00	BIG BLUE RIVER, NORTH SIDE TRIBUTARY, NEAR HOAG	04-11	0.00
	09-30	152.00	SE1/4SW1/4 SEC. 7-4-6 E.	08-05	0.00
	10-14	62.10		09-05	0.00
	10-28	70.50	CUB CREEK, TRIBUTARY TO, NEAR HOMESTEAD NATIONAL MONUMENT	04-11	0.00
	11-25	42.00	SW1/4NW1/4 SEC. 25-4-5 E.		
SOAP CREEK NEAR CLATONIA SW1/4SE1/4 SEC. 2-5-5 E.	04-11	0.00	CUB CREEK NEAR BEATRICE	03-25	5.39
	09-05	0.00	SW1/4SW1/4 SEC. 24-4-5 E.	04-11	3.63
SOAP CREEK NEAR DE WITT NW1/4NW1/4 SEC. 22-5-5 E.	04-11	0.40		05-02	6.98
	05-02	0.44		09-05	3.85
	09-05	0.21		10-07	11.02
SOAP CREEK NEAR DE WITT SW1/4SE1/4 SEC. 27-5-5 E.	07-18	0.07	BOTTLE CREEK NEAR BEATRICE	03-25	0.21
SOAP CREEK NEAR DE WITT NW1/4NE1/4 SEC. 34-5-5 E.	03-25	0.28	NW1/4SW1/4 SEC. 30-4-5 E.	04-11	0.29
	04-02	1.36		05-02	0.30
SOAP CREEK NEAR DE WITT NW1/4NE1/4 SEC. 34-5-5 E.	04-11	0.24	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE	04-11	0.00
SOAP CREEK NEAR DE WITT NW1/4NE1/4 SEC. 34-5-5 E.	05-02	0.41	NW1/4NW1/4 SEC. 32-4-6 E.		
	05-14	69.30	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE	04-11	0.24
	05-15	9.64	NW1/4NW1/4 SEC. 32-4-6 E.		
	09-30	6.54	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE	05-02	0.20
	10-28	1.37	NW1/4NW1/4 SEC. 32-4-6 E.		
	11-25	0.35	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE	04-11	0.30
WASTEWAY NEAR DE WITT SW1/4SW1/4 SEC. 31-2-5 E.	08-05	3.25	NE1/4NW1/4 SEC. 32-4-6 E.		
WASTEWAY NEAR DE WITT NE1/4NE1/4 SEC. 5-4-5 E.	07-08	4.00	POSSUM CREEK NEAR PICKRELL	04-11	0.30
WASTEWAY NEAR HOAG NW1/4NW1/4 SEC. 6-4-5 E.	07-08	3.15	SE1/4SW1/4 SEC. 22-5-6 E.		
WASTEWAY NEAR HOAG SE1/4SE1/4 SEC. 4-2-5 E.	08-05	3.55	TOWN CREEK NEAR PICKRELL	04-11	0.19
WASTEWAY NEAR HOAG SE1/4NE1/4 SEC. 10-4-5 E.	03-25	0.00	SW1/4SW1/4 SEC. 24-5-6 E.		
	04-11	0.00	INDIAN CREEK NEAR PICKRELL	04-11	1.66
	05-02	0.00	NE1/4NE1/4 SEC. 34-5-6 E.		
	07-08	6.64	INDIAN CREEK AT BEATRICE	08-05	1.96
	09-05	0.00	NE1/4NE1/4 SEC. 33-4-6 E.	09-05	0.99
	09-19	1.97	INDIAN CREEK AT BEATRICE	03-25	2.79
WASTEWAY NEAR HOAG NW1/4SE1/4 SEC. 11-2-5 E.	08-05	6.47	SW1/4NW1/4 SEC. 27-4-6 E.	04-11	2.26
SNAKE CREEK NEAR CLATONIA SE1/4SE1/4 SEC. 6-5-6 E.	04-11	0.00	11-22	2.40	
	09-05	0.00	INDIAN CREEK AT BEATRICE	05-02	4.10
SNAKE CREEK NEAR PICKRELL NE1/4NE1/4 SEC. 24-5-5 E.	04-11	0.03	NE1/4NE1/4 SEC. 33-4-6 E.		
	09-05	0.00	BIG BLUE RIVER AT BEATRICE	06-14	325.00
SNAKE CREEK NEAR PICKRELL SW1/4SW1/4 SEC. 18-5-6 E.	05-02	0.03	SE1/4SE1/4 SEC. 4-3-6 E.		
			BEAR CREEK NEAR BEATRICE	05-08	6.02
			NW1/4NE1/4 SEC. 1-3-6 E.	10-07	8.07
			CEDAR CREEK NEAR ROCKFORD	07-17	1.47
			SW1/4SE1/4 SEC. 8-3-7 E.		

## BIG BLUE RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
MUD CREEK NEAR BLUE SPRINGS SW1/4SE1/4 SEC. 33-3-7 E.	04-10	4.47
BIG INDIAN CREEK NEAR ODELL SW1/4SW1/4 SEC. 3-1-6 E.	07-17	2.84
SICILY CREEK NEAR ODELL SE1/4SW1/4 SEC. 34-2-6 E.	04-10 07-17 10-07	1.70 1.43 2.64
BIG INDIAN CREEK NEAR WYMORE NE1/4SE1/4 SEC. 30-1-7 E.	04-10 10-07	11.32 23.40
WILDCAT CREEK NEAR WYMORE SW1/4SE1/4 SEC. 30-2-8 E.	04-10	2.47
WOLF CREEK NEAR WYMORE NE1/4NE1/4 SEC. 31-2-8 E.	04-10	3.06
PLUM CREEK NEAR BARNESTON NW1/4SW1/4 SEC. 19-1-8 E.	04-10	4.34
MISSION CREEK NEAR BARNESTON SE1/4NE1/4 SEC. 36-1-7 E.	07-16	0.00
PLUM CREEK NEAR BARNESTON NW1/4SW1/4 SEC. 19-1-8 E.	10-07	9.24
MISSION CREEK NEAR BARNESTON SE1/4NE1/4 SEC. 36-1-7 E.	04-10	3.91

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>UPPER LITTLE BLUE RIVER</u>			ROSE CREEK NEAR HUBBELL SW1/4SW1/4 SEC. 29-1-1 W.	06-19 11-03	5.43 6.50
LITTLE BLUE RIVER AT AYR NW1/4NE1/4 SEC. 4-5-10 W.	06-20 10-30	4.28 4.77	SPRING BRANCH NEAR HUBBOLL NE1/4SE1/4 SEC. 17-1-1 W.	11-03	2.97
LITTLE BLUE RIVER NEAR AYR SE1/4SE1/4 SEC. 27-6-10 W.	06-20 10-30	15.22 13.80	BALLS BRANCH NEAR REYNOLDS NE1/4NW1/4 SEC. 12-1-1 W.	11-03	1.95
SCOTT CREEK NEAR AYR NW1/4SE1/4 SEC. 28-6-10 W.	06-20 10-30	0.33 0.29	WILEY CREEK NEAR REYNOLDS SE1/4SE1/4 SEC. 22-1-1 E.	06-18 10-30	0.04 3.49
ASH CREEK AT PAULINE NW1/4NW1/4 SEC. 9-5-9 W.	06-20	0.00	BUCKLEY CREEK NEAR REYNOLDS SW1/4NE1/4 SEC. 11-1-1 E.	06-18 10-30	1.67 1.70
LITTLE BLUE RIVER AT PAULINE SW1/4SE1/4 SEC. 4-5-9 W.	06-20	38.64	ROSE CREEK NEAR FAIRBURY NW1/4SE1/4 SEC. 4-1-3 E.	10-30	42.69
PAWNEE CREEK NEAR DEWENSE NE1/4NE1/4 SEC. 16-5-8 W.	06-25	1.24	ROSE CREEK NEAR ENDICOTT NW1/4NW1/4 SEC. 12-1-2 E.	06-17	97.30
ELK CREEK NEAR OAK SW1/4SW1/4 SEC. 7-3-5 W.	06-25 11-06	1.31 4.57	ROCK CREEK AT ENDICOTT NW1/4SE1/4 SEC. 4-1-3 E.	06-17 10-30	2.06 1.94
LITTLE BLUE RIVER NEAR OAK COUNTY LINE SW1/4NW1/4 SEC. 19-3-4 W.	06-25 11-06	185.40 96.73			
SPRING CREEK NEAR DESHLER SW1/4SE1/4 SEC. 23-2-4 W.	06-19 11-06	0.20 0.40			
SPRING CREEK, TRIBUTARY TO, AT DESHLER NE1/4SE1/4 SEC. 14-2-4 W.	06-19 11-06	0.02 0.00			
SPRING CREEK, TRIBUTARY TO, NEAR HEBRON NE1/4NW1/4 SEC. 22-2-3 W.	11-03	0.51			
SPRING CREEK NEAR HEBROM SE1/4NE1/4 SEC. 12-2-3 W.	06-19 11-03	5.58 5.14			
DRY CREEK NEAR HEBROM NE1/4NE1/4 SEC. 15-2-2 W.	11-03	1.48			
<u>BIG SANDY CREEK</u>					
BIG SANDY CREEK NEAR DAVENPORT NW1/4NW1/4 SEC. 7-4-4 W.	06-25	1.77			
LITTLE SANDY CREEK NEAR DAVENPORT NW1/4NW1/4 SEC. 8-4-4 W.	06-25	3.24			
BIG SANDY CREEK NEAR BELVIDERE NE1/4NE1/4 SEC. 8-3-2 W.	06-20 06-25	0.12 17.58			
DRY SANDY CREEK NEAR STRANG SW1/4SE1/4 SEC. 33-5-2 W.	06-19	0.27			
DRY SANDY CREEK NEAR ALEXANDRIA NW1/4SE1/4 SEC. 5-3-1 W.	06-20	0.77			
BIG SANDY CREEK NEAR ALEXANDRIA SW1/4SW1/4 SEC. 4-3-1 W.	06-20	11.00			
<u>LOWER LITTLE BLUE RIVER</u>					
LITTLE SANDY CREEK NEAR FAIRBURY NW1/4NE1/4 SEC. 19-3-2 E.	06-18 10-30	16.10 4.20			

MISCELLANEOUS DISCHARGE MEASUREMENTS OF  
CANAL AND PUMP DIVERSIONS 1985

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<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<b>WHITE RIVER</b>			<b>PUMPKIN CREEK TO KINGSLEY DAM</b>		
WHITE RIVER CANAL--D-447, A-936 FROM WHITE RIVER SEC. 34-32-52 W.	06-27	8.03	BUCHANAN PUMP--A-11676 FROM CEDAR CREEK SEC. 14-18-48 W.	08-14	1.18
	07-11	3.99			
	07-25	6.28			
	07-25	6.67			
	07-30	6.21			
	08-08	6.90			
	08-09	6.11			
	09-04	5.56			
	HARRIS-COOPER CANAL--D-464a, D-464b FROM WHITE RIVER SEC. 26-32-52 W.	06-27			
07-11		6.40			
07-30		12.20			
08-09		4.78			
WHITNEY PIPELINE--A-1603, A-1625 FROM WHITE RIVER SEC. 26-32-52 W.	07-30	0.00			
	08-09	0.00			
	11-06	0.00			
WHITNEY DITCH FROM WHITNEY RESERVOIR SEC. 2-32-51 W.	07-29	1.37			
CHASEK PUMP--A-16051 FROM WHITNEY LAKE W1/2 SEC. 2-32-51 W.	07-29	0.94			
RASHER-FORBES CANAL-- A-456, A-534, A-1128 FROM WHITE RIVER SEC. 19-32-51 W.	07-11	0.60			
	07-25	1.01			
	07-30	1.49			
	08-09	1.86			
	08-13	2.06			
09-09	4.23				
STUART BROS. CANAL, SOUTH-- D-425R, A-8R FROM LITTLE COTTONWOOD CREEK SEC. 18-32-52 W.	04-24	1.19			
SCHOMMER PUMP--A-4983 FROM WHITE RIVER SEC. 26-34-49 W.	06-20	1.26			
PINKERTON PUMP--A-5008 FROM BORDEAUX CREEK SEC. 15-33-48 W.	07-12	0.00			

SOUTH PLATTE RIVER BASIN  
102 ( LODGEPOLE CREEK )

PLATTE RIVER BASIN  
( LOUP RIVER )

Site and Location	Date	Discharge sec.-ft.	Site and Location	Date	Discharge sec.-ft.
<u>LODGEPOLE CREEK</u>			<u>MIDDLE LOUP RIVER TO CONFLUENCE WITH SOUTH LOUP RIVER</u>		
FERGUSON PUMP--D-345R, D-348R FROM LODGEPOLE CREEK SEC. 34-15-56 W.	06-03 10-01	0.00 0.00	WARREN PUMP--A-16348 FROM MIDDLE LOUP RIVER SEC. 11-23-29 W.	07-23	1.10
HURLEY-LILLY-POLLY CANAL D-354 FROM LODGEPOLE CREEK SEC. 26-15-56 W.	06-03 10-01	0.00 0.00	FARWELL CENTRAL CANAL NEAR BOELUS NW1/4NE1/4 SEC. 21-15-12 W.	07-15 07-22	149.00 34.00
BICKEL-FADEN CANAL--D-347, A-719 FROM LODGEPOLE CREEK SEC. 30-15-55 W.	06-03 10-01	0.88 0.00	<u>SOUTH LOUP RIVER</u>		
ATKINS-POLLY CANAL--D-342, D-344, A-897R FROM LODGEPOLE CREEK SEC. 30-15-55 W.	10-01	0.00	PAULSEN PUMP--A-14730 FROM SOUTH LOUP RIVER SEC. 1-13-20 W.	07-22	2.00
OWASCO CANAL--D-347, A-725 FROM LODGEPOLE CREEK SEC. 29-15-55 W.	06-03 10-01	0.00 0.00	MIDDLE DAUGHERTY-SHOEMAKER PUMP--A-13105 FROM SOUTH LOUP RIVER SEC. 30-13-18 W.	07-22	0.90
MCINTOSH CANAL--D-351, A-734 FROM LODGEPOLE CREEK SEC. 23-15-55 W.	10-01	0.00	WEST DAUGHERTY-SHOEMAKER PUMP--A-13105 FROM SOUTH LOUP RIVER SEC. 30-13-18 W.	07-22	1.00
CIRCLE ARROW CANAL--D-346 FROM LODGEPOLE CREEK SEC. 30-15-54 W.	10-01	0.00	GOLDEN PUMP--A-16138 FROM MUD CREEK SEC. 18-16-19 W.	07-16	0.90
CHRISTENSEN CANAL, NORTH-- D-367 FROM LODGEPOLE CREEK SEC. 7-14-51 W.	10-01	0.00	FRANSEN PUMP--A-13722 FROM MUD CREEK SEC. 18-14-16 W.	07-16	1.00
CHRISTENSEN CANAL, SOUTH-- D-366 FROM LODGEPOLE CREEK SEC. 7-14-51 W.	10-01	0.00	<u>LOUP RIVER, SOUTH LOUP RIVER TO NORTH LOUP RIVER</u>		
SUTTON PUMP--A-16434 FROM LODGEPOLE CREEK SEC. 10-14-51 W.	07-02 10-01	0.37 0.00	VOCKE PUMP--A-16259 FROM OAK CREEK SEC. 11-13-11 W.	07-08	1.60
			ALDERMAN PUMP--A-16050 FROM TURKEY CREEK SEC. 19-14-10 W.	07-08	3.30
			<u>NORTH LOUP RIVER</u>		
			COX PUMP--A-16130 FROM NORTH LOUP RIVER SEC. 9-24-25 W.	07-11	1.30
			PLATTE VALLEY CATTLE PUMP-- A-14281 FROM NORTH LOUP RIVER SEC. 30-24-23 W.	06-24 07-11	1.10 1.00
			ARROW C RANCH PUMP--A-15526 FROM NORTH LOUP RIVER SEC. 32-23-20 W.	07-11	1.00
			DON ANDERSON PUMP--A-16264 FROM NORTH LOUP RIVER SEC. 24-22-20 W.	07-11	0.80
			ZIEGLER PUMP--A-15608 FROM NORTH LOUP RIVER SEC. 28-21-17 W.	07-23 07-26	1.10 1.10
			PETSKA PUMP--A-14765 FROM TURTLE CREEK SEC. 31-20-14 W.	07-11	1.70
			GROSS PUMP--A-15888 FROM DANE CREEK SEC. 16-19-14 W.	07-13	0.70
			GOLDFISH PUMP--A-16243 FROM NORTH LOUP RIVER SEC. 16-17-12 W.	07-12	0.90
			HANSEN PUMP--A-12753 FROM NORTH LOUP RIVER SEC. 22-17-12 W.	07-09	2.40

PLATTE RIVER BASIN  
( LOUP RIVER )

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
JACOBSEN PUMP--A-14639 FROM NORTH LOUP RIVER SEC. 35-17-12 W.	06-25 07-12	3.50 2.40	CUNNINGHAM PUMP--A-13581 FROM LOUP RIVER SEC. 2-15-7 W.	07-08	1.40
ENDER PUMP--A-13200 FROM NORTH LOUP RIVER SEC. 18-16-11 W.	07-12	1.50	ZIMMER PUMP--A-15043 FROM LOUP RIVER SEC. 35-16-7 W.	07-08 07-09	1.70 1.70
LESTER WELLS PUMP--A-14871 FROM NORTH LOUP RIVER SEC. 20-16-11 W.	06-25	1.30	GALLOWAY PUMP--A-15309 FROM LOUP RIVER SEC. 35-16-7 W.	07-08 07-09	2.10 2.10
WILSON PUMP--A-14224 FROM MUNSON CREEK SEC. 33-16-11 W.	07-03 07-09	1.60 1.10	ZIMMER PUMP--A-15042 FROM LOUP RIVER SEC. 35-16-7 W.	06-25 07-18	1.90 0.90
WILSON PUMP--A-14225 FROM NORTH LOUP RIVER SEC. 34-16-11 W.	07-12	0.70	<u>CEDAR RIVER</u>		
POSS PUMP--A-13353 FROM NORTH LOUP RIVER SEC. 18-15-10 W.	07-09	0.60	NELSON PUMP--A-13198 FROM CEDAR RIVER SEC. 19-17-6 W.	06-25	1.10
POSS PUMP--A-15798 FROM NORTH LOUP RIVER SEC. 18-15-10 W.	07-12	0.60	DOUTHIT PUMP--A-15005 FROM CEDAR RIVER SEC. 33-17-6 W.	06-25	1.80
ANDERSON PUMP--A-16215 FROM NORTH LOUP RIVER SEC. 17-15-10 W.	07-12	0.90	DOUTHIT PUMP--A-15004 FROM CEDAR RIVER SEC. 4-16-6 W.	06-25 07-08	2.50 3.20
SCHMIDT PUMP--A-15922 FROM TRIB. TO NORTH LOUP RIVER SEC. 24-15-11 W.	07-09	0.50	L. WONDERCHECK PUMP--A-13416 FROM CEDAR RIVER SEC. 4-16-6 W.	07-09	2.50
<u>LOWER LOUP RIVER ABOVE CEDAR RIVER</u>			J. WONDERCHECK PUMP--A-13930 FROM CEDAR RIVER SEC. 11-16-6 W.	07-09	1.30
ANDERSON PUMP--A-15997, A-16403 FROM SPRING CREEK SEC. 8-15-9 W.	06-25	1.80	SYSLO PUMP--A-13662 FROM CEDAR RIVER SEC. 2-16-5 W.	07-05	1.00
WERNER PUMP--A-15151 FROM LOUP RIVER SEC. 9-15-9 W.	06-25 07-09	1.80 1.40	<u>LOWER LOUP RIVER BELOW CEDAR RIVER</u>		
KILDAY INC. PUMP--A-13752 FROM LOUP RIVER SEC. 12-15-8 W.	07-09	1.60	SONDERUP PUMP--A-14800, A-16073 FROM LOUP RIVER SEC. 4-16-5 W.	06-25	3.60
EAST TIBBETTS ET. AL. PUMP-- A-13591 FROM LOUP RIVER SEC. 7-15-7 W.	06-25 07-17	1.10 1.40			
WEST TIBBETTS ET. AL. PUMP-- A-13591 FROM LOUP RIVER SEC. 7-15-7 W.	06-25 07-09	1.00 1.20			
J. H. RUSSELL PUMP--A-13955, A-12825 FROM LOUP RIVER SEC. 8-15-7 W.	07-05 07-17 07-18	2.40 2.30 2.50			
J. H. RUSSELL PUMP--A-13954, A-14718 FROM LOUP RIVER SEC. 5-15-7 W.	07-05	2.40			
A. RUSSELL PUMP--A-13679, A-14504 FROM LOUP RIVER SEC. 4-15-7 W.	07-08	4.20			
SONDERUP PUMP--A-15515 FROM LOUP RIVER SEC. 33-16-7 W.	07-09	1.60			
PETERSON PUMP--A-14565 FROM LOUP RIVER SEC. 3-15-7 W.	07-08 07-09	2.80 3.10			
ARNOLD PUMP--A-14895 FROM LOUP RIVER SEC. 3-15-7 W.	07-05 07-18	1.10 0.70			

## REPUBLICAN RIVER BASIN

<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>
<u>UPPER REPUBLICAN RIVER</u>		
JENKINS CANAL--A-924	06-05	0.17
FROM BUFFALO CREEK	08-12	1.20
SEC. 18-1-40 W.		
ALLEN-LARNED CANAL--D-117	06-05	2.79
FROM BUFFALO CREEK	08-12	3.38
SEC. 18-1-40 W.		
PARKS CANAL--A-1202, A-1444,	06-05	5.76
A-1555 FROM REPUBLICAN RIVER	07-23	12.40
SEC. 20-1-39 W.	08-12	1.91
<u>LOWER REPUBLICAN RIVER</u>		
HQWELL PUMP--A-3134	07-18	2.52
FROM REPUBLICAN RIVER		
SEC. 10-1-16 W.		
DUNN PUMP--A-3079	07-19	4.39
FROM REPUBLICAN RIVER		
SEC. 1-1-16 W.		
KAHRS PUMP--A-3081	07-18	1.37
FROM REPUBLICAN RIVER		
SEC. 8-1-15 W.		
BRADSHAW PUMP--A-15251	07-18	0.00
FROM REPUBLICAN RIVER		
SEC. 8-1-15 W.		
HAMILTON PUMP--A-5511	07-18	1.64
FROM REPUBLICAN RIVER		



MISCELLANEOUS DATA

1985

**PRECIPITATION AT VARIOUS POINTS**  
 Data Compiled for Calendar Year from Records  
 of the United States Weather Bureau  
 Values in Inches  
 1985

	Normal		1985	
	Monthly Accumulative		Monthly Accumulative	
<b>*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION 4080</b>				
January	0.25	0.25	1.07	1.07
February	0.24	0.49	0.12	1.19
March	0.56	1.05	0.04	1.23
April	1.31	2.36	0.90	2.13
May	2.63	4.99	0.37	2.50
June	3.41	8.40	1.36	3.86
July	1.56	9.96	0.50	4.36
August	1.16	11.12	0.58	4.94
September	1.07	12.19	2.09	7.03
October	0.79	12.98	0.79	7.82
November	0.33	13.31	0.96	8.78
December	0.29	13.60	0.56	9.34
*72 year record				
<b>*BRIDGEPORT STATION, MORRILL COUNTY--ELEVATION 3666</b>				
January	0.35	0.35	0.30	0.30
February	0.29	0.64	0.09	0.39
March	0.72	1.36	0.21	0.60
April	1.42	2.78	0.93	1.53
May	3.10	5.88	1.98	3.51
June	3.67	9.55	2.81	6.32
July	2.40	11.95	0.82	7.14
August	1.38	13.33	0.24	7.38
September	1.42	14.75	2.16	9.54
October	0.83	15.58	0.66	10.20
November	0.38	15.96	1.38	11.58
December	0.34	16.30	0.63	12.21
*87 year record				
<b>*OSHIOSH STATION, GARDEN COUNTY--ELEVATION 3393</b>				
January	0.35	0.35	0.33	0.33
February	0.38	0.73	0.00	0.33
March	0.83	1.56	0.08	0.41
April	1.66	3.22	1.84	2.25
May	3.16	6.38	2.09	4.34
June	3.27	9.65	1.12	5.46
July	2.64	12.29	5.98	11.44
August	2.03	14.32	1.67	13.11
September	1.50	15.82	3.46	16.57
October	0.99	16.81	0.60	17.17
November	0.57	17.38	0.95	18.12
December	0.35	17.73	0.84	19.96
*72 year record				
<b>*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION 2775 (Airport)</b>				
January	0.45	0.45		No report
February	0.52	0.97	0.14	
March	0.99	1.96	0.44	
April	1.93	3.89	1.84	
May	3.26	7.15	4.01	
June	3.77	10.92	0.87	
July	2.98	13.90	3.98	
August	2.07	15.97	1.16	
September	2.01	17.98	3.23	
October	0.99	18.97	1.24	
November	0.52	19.49	1.09	
December	0.41	19.90	0.79	
*45 year record				
<b>*GOTHENBURG STATION, DAWSON COUNTY--ELEVATION 2565</b>				
January	0.45	0.45	0.32	0.32
February	0.54	0.99	0.41	0.73
March	1.15	2.14	0.61	1.34
April	2.03	4.17	2.86	4.20
May	3.25	7.42	3.09	7.29
June	4.43	11.85	3.08	10.37
July	2.82	14.67	3.73	14.10
August	2.53	17.20	2.92	17.02
September	2.08	19.28	2.62	19.64
October	1.16	20.44	1.97	21.61
November	0.54	20.98	0.74	22.35
December	0.45	21.43	0.67	23.02
*90 year record				

## PRECIPITATION AT VARIOUS POINTS--Continued

<b>*GRAND ISLAND STATION, HALL COUNTY--ELEVATION 1841</b>				
January	0.52	0.52	0.27	0.27
February	0.76	1.28	0.27	0.54
March	1.18	2.46	1.15	1.69
April	2.47	4.93	4.37	6.06
May	3.78	8.71	4.62	10.68
June	4.40	13.11	3.98	14.66
July	3.00	16.11	3.20	17.86
August	2.54	18.65	2.25	20.11
September	2.51	21.16	5.80	25.91
October	1.08	22.24	1.83	27.74
November	0.61	22.85	0.61	28.35
December	0.56	23.41	0.27	28.62
*92 year record				
<b>*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION 4320</b>				
January	0.30	0.30	0.31	0.31
February	0.32	0.62	0.08	0.39
March	0.88	1.50	0.31	0.70
April	1.64	3.14	2.83	3.53
May	3.27	6.41	1.80	5.33
June	3.56	9.97	2.69	8.02
July	2.53	12.50	3.76	11.78
August	1.79	14.29	0.51	12.29
September	1.35	15.64	2.40	14.69
October	1.03	16.67	0.53	15.22
November	0.49	17.16	1.00	16.22
December	0.39	17.55	1.36	17.58
*56 year record				
<b>*ORD STATION, VALLEY COUNTY--ELEVATION 2070</b>				
January	0.62	0.62	0.25	0.25
February	0.86	1.48	0.07	0.32
March	1.40	2.88	0.64	0.96
April	2.25	5.13	4.02	4.98
May	3.39	8.52	4.69	9.67
June	4.33	12.85	2.61	12.28
July	2.68	15.53	4.41	16.69
August	2.64	18.17	1.40	18.09
September	2.39	20.56	3.56	21.65
October	1.41	21.97	1.17	22.82
November	0.63	22.60	0.61	23.43
December	0.65	23.25	0.53	23.96
*94 year record				
<b>*FORT ROBINSON, DAWES COUNTY--ELEVATION 3807</b>				
January	0.43	0.43	No report	
February	0.50	0.93	"	"
March	0.92	1.85	"	"
April	1.86	3.71	"	"
May	3.59	7.30	"	"
June	3.83	11.13	"	"
July	2.14	13.27	"	"
August	1.47	14.74	"	"
September	1.34	16.08	"	"
October	1.00	17.08	"	"
November	0.58	17.66	"	"
December	0.43	18.09	"	"
*100 year record				
<b>*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION 2720</b>				
January	0.47	0.47	0.78	0.78
February	0.53	1.00	0.25	1.03
March	1.07	2.07	0.52	1.55
April	1.84	3.91	2.71	4.26
May	3.26	7.17	1.86	6.12
June	3.46	10.63	4.55	10.67
July	3.32	13.95	4.47	15.14
August	2.46	16.41	0.61	15.75
September	1.92	18.33	2.62	18.37
October	1.31	19.64	1.66	20.03
November	0.64	20.28	0.66	20.69
December	0.49	20.77	0.72	21.41
*97 year record				

## PRECIPITATION AT VARIOUS POINTS--Concluded

## \*GENOA STATION, NANCE COUNTY--ELEVATION 1590

January	0.47	0.47	0.28	0.28
February	0.90	1.37	0.19	0.47
March	1.20	2.57	1.34	1.81
April	2.42	4.99	5.24	7.05
May	3.78	8.77	4.25	11.30
June	4.80	13.57	4.17	15.47
July	3.26	16.83	2.49	17.96
August	3.07	19.90	2.19	20.15
September	2.68	22.58	5.12	25.27
October	1.38	23.96	1.16	26.43
November	0.58	24.54	0.75	27.18
December	0.70	25.24	0.43	27.61

\*109 year record

## \*HOLDREGE STATION, PHELPS COUNTY--ELEVATION 2330

January	0.58	0.58	0.61	0.61
February	0.80	1.38	0.18	0.79
March	1.33	2.71	0.74	1.53
April	2.29	5.00	2.83	4.36
May	4.07	9.07	6.53	10.89
June	4.83	13.90	2.96	13.85
July	3.12	17.02	2.53	16.38
August	2.65	19.67	3.24	19.62
September	2.56	22.23	4.71	24.33
October	1.53	23.76	1.86	26.19
November	0.60	24.36	0.41	26.60
December	0.58	24.94	0.41	27.01

\*95 year record

DIVERSIONS FROM DRAINS BETWEEN  
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Year Ending December 31, 1985

	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
Tri-State from:								
Akers Draw.....	0	36	0	0	0	196	0	232
Sheep Creek.....	0	127	0	0	0	0	0	127
Dry Spottedtail Creek..	0	10	0	0	0	0	0	10
Wet Spottedtail Creek..	0	18	0	0	0	301	0	319
Tub Springs.....	0	22	0	0	0	0	0	22
Alliance Drain.....	0	185	230	1090	1320	732	0	3557
Northport Canal from:								
Akers Draw.....	0	631	811	855	823	843	0	3963
Sheep Creek.....	0	3730	3920	4530	6080	4970	0	23230
Dry Spottedtail Creek..	0	738	718	1380	1600	1180	0	5616
Wet Spottedtail Creek..	0	684	744	887	1200	1490	0	5005
Tub Springs.....	0	940	1630	2680	2780	1780	0	9810
Enterprise Canal from:								
Dry Spottedtail Creek..	0	0	0	964	210	0	0	1174
Morrill Drain.....	0	37	39	258	430	327	0	1091
Winters Creek.....	0	0	60	96	154	111	0	421
Tub Springs.....	0	0	0	0	0	0	0	0
Winters Creek Canal from:								
Winters Creek.....	0	1110	1360	2750	2910	1650	0	9780
Alliance Canal from:								
Bayard Drain.....	713	1370	1420	1500	668	615	0	6286
Red Willow Creek.....	111	1960	2000	3340	3480	2010	17	12918
Totals.....	824	11598	12932	20330	21655	16205	17	83561

## MONTHLY EVAPORATION IN FEET--1985

STATION	May	June	July	Aug.	Sept.	Total
Pathfinder Dam	0.665	0.779	0.838	0.932	0.658	3.872
Whalen Dam	0.717	0.828	0.855	0.706	0.496	3.602
Bridgeport	0.767	0.928	1.098	0.812	0.542	4.147
Kingsley Dam	/	/	0.536	0.536	0.343	
North Platte	0.622	0.888	0.969	0.837	0.519	3.835

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS  
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT  
Values in Acre-feet  
For Calendar Year Ending December 31, 1985

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
*Bald Drain	0	17	68	287	1610	1570	1480	978	1420	95	17	0	7542
Bayard Sugar Factory Drain	1100	1070	1150	440	910	1480	1900	3210	3360	2090	1520	1330	20060
Cleveland Drain	67	64	77	50	853	1310	574	743	1050	198	97	84	5167
*DeGraw Drain	171	154	212	146	412	412	420	644	677	350	220	242	4060
Dugout Creek, Upper	270	190	190	140	1660	2870	830	1180	1940	470	380	330	10450
*Fairfield Seep	0	12	49	44	65	65	224	348	437	201	115	27	1587
*Fanning Seep	0	0	0	0	0	0	0	0	0	0	0	0	0
Gering Drain	1640	1380	1540	1360	5650	8480	5370	5970	9410	2230	1950	1760	46740
Horse Creek	3040	1860	2100	1420	8750	12410	5780	6270	13380	5220	2730	2260	65220
Indian Creek	384	304	304	265	1230	1590	1260	1550	2130	689	480	454	10640
*Lane Drain	122	128	142	92	111	94	330	479	151	116	125	133	2023
Melbeta Drain	198	133	163	101	758	1280	772	653	891	124	68	80	5221
Nine Mile Drain	5010	4010	4200	4390	6010	8530	8350	12990	15470	9410	6530	6060	90960
Red Willow Creek	3970	3110	3440	4030	7330	9110	4860	7180	16160	7460	5040	4860	76550
*Scottsbluff Drain No. 1	164	156	149	135	102	132	335	282	397	159	142	180	2333
*Scottsbluff Drain No. 2	189	135	141	188	208	183	411	320	257	129	160	127	2448
Sheep Creek	5130	4250	4540	2960	230	270	350	350	2000	7360	5940	5580	38960
Spottedtail Creek, Dry	1730	1650	1740	1240	3010	2370	3400	3860	5720	2210	1590	1360	29900
*Spottedtail Creek, Wet	604	481	482	371	641	714	883	1200	1070	984	952	895	9277
Tub Springs Creek	2240	1750	1750	1200	2640	2290	2260	2430	3990	4100	2960	2570	30180
Winters Creek	2630	2640	2660	2460	2350	3060	2620	3790	7770	5080	3840	3370	42270
Totals	28659	23494	25097	21319	44530	58220	42409	54447	88180	48675	34856	31702	501588

SUMMARY OF MONTHLY DIVERSIONS FOR IRRIGATION BY SECTIONS, BETWEEN  
GUERNSEY, WYOMING AND ODESSA, NEBRASKA

Values in Acre-feet

For the Calendar Year Ending December 31, 1985

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Guernsey to Whalen	0	0	0	23720	138020	126710	215640	216670	149250	19500	0	0	889510
Whalen to State Line	0	0	0	0	18136	25620	38073	33249	18843	0	0	0	133921
State Line to Mitchell	0	0	0	5260	41907	62972	95710	93477	56971	0	0	0	356297
Mitchell to Minatare	0	0	0	170	9400	12360	18550	18070	11620	880	0	0	71050
Minatare to Bridgeport	0	0	0	1380	15499	19685	25244	23004	17234	90	0	0	102136
Bridgeport to Lisco	0	0	0	46	2202	6169	8603	7800	4704	326	0	0	29850
Lisco to Keystone	0	0	0	0	13521	12374	10178	8976	9316	3640	0	0	58005
Keystone to North Platte	0	0	0	7431	15440	24960	37835	29965	12181	0	0	0	127812
North Platte to Odessa	0	0	0	7810	42036	68521	165218	104105	19194	1480	0	0	408364
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45817</b>	<b>296161</b>	<b>359371</b>	<b>615051</b>	<b>535316</b>	<b>299313</b>	<b>25916</b>	<b>0</b>	<b>0</b>	<b>2176945</b>

SUMMARY

DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Calendar Year 1985		
	Acreage Irrigated	Acre-feet Total	Diverted Per Acre
Ainsworth	35,841	69,190	1.93
Alliance	6,160	19,204	3.12
Bartley	6,509	8,890	1.37
Beerline	2,080	2,731	1.31
Belmont	8,886	35,532	4.00
Birdwood	5,351	4,720	0.88
Blue Creek	2,834	5,540	1.95
Browns Creek	6,126	13,976	2.28
Cambridge	17,432	24,670	1.42
Castle Rock-Steamboat	6,441	22,950	3.56
Central	1,984	6,880	3.47
Champion	490	1,530	3.12
Chimney Rock	5,269	15,900	3.02
Cody-Dillon	4,173	5,100	1.22
Court House Rock	1,382	1,570	1.14
Courtland for Nebr. Lands		48,060	
Cozad	16,582	30,840	1.86
Culbertson	28,189	28,990	1.03
Dawson County	31,872	64,040	2.01
Earnest	340	695	2.04
Empire	2,191	7,120	3.25
Enterprise	7,631	26,670	3.49
Farwell	50,117	54,180	1.08
Fort Laramie for Wyo. Lands	50,210	216,440	4.31
Fort Laramie for Nebr. Lands	55,243	142,470	2.58
Franklin		30,200	
Franklin Pump		2,790	
Gering	12,281	47,650	3.88
Gothenburg	18,496	60,580	3.28
Graf	806	1,347	1.67
Harris-Neece	1,430	1,260	0.88
Hooper	842	1,818	2.16
Interstate	112,449	530,590	4.72

## SUMMARY

## DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Calendar Year 1985		
	Acreage Irrigated	Acre-feet Total	Diverted Per Acre
**Kearney	6,447	19,190	2.98
Keith-Lincoln County	5,541	19,870	3.59
Last Chance	404	0	
Lichte	0	457	
Lisco	4,185	11,101	2.65
McGinley-Stover	695	429	0.62
McLaughlin	500	855	1.71
Meeker-Driftwood	16,856	31,220	1.85
Meredith-Ammer	336	472	1.40
/Middle Loup PPID No. 1	3,813	6,810	1.79
/Middle Loup PPID No. 2	6,692	6,770	1.01
/Middle Loup PPID No. 3	12,101	14,020	1.16
/Middle Loup PPID No. 4	11,654	13,360	1.15
Midland-Overland	2,258	1,957	0.87
Minatare	9,212	24,470	2.66
Mirage Flats	11,658	15,300	1.31
Mitchell	13,608	29,460	2.16
Moore-Kay	0	192	
Naponee	0	3,440	
Nine Mile	6,150	15,390	2.50
/North Loup PPID-Taylor Ord	15,188	26,590	1.70
/North Loup PPID-Burwell-Sumter	8,829	14,910	1.69
/North Loup PPID-Ord North Loup	8,268	12,230	1.50
North Platte	13,508	57,630	4.27
Northport	16,137	39,260	2.43
Orchard-Alfalfa	5,975	11,260	1.88
Paisley	1,086	2,658	2.45
Paxton-Hershey	7,323	20,120	2.75
Pioneer	704	164	0.23
Potmesil	593	880	1.43
Ramshorn	1,652	0	
Red Willow	5,111	8,100	1.58
Sargent	14,021	24,970	1.78
Sheridan-Wilson	216	1,092	5.04
Short Line	2,778	8,990	3.24
Six Mile	1,283	2,584	2.01
Suburban	5,423	19,280	3.56
Superior	0	13,840	
Thirty Mile	22,924	40,580	1.77
**Tri-County	119,569	178,280	1.49
Tri-State	62,999	235,790	3.74
Union	1,067	1,415	1.33
Western	12,443	43,270	3.48
Winters Creek	5,745	6,970	1.21

\*\* For irrigation exclusive of power.  
/ Net diversion; spills have been deducted.

COMPARISON OF STORAGE IN RESERVOIRS

1985 Calendar Year

Name of Reservoir	Capacity Top of Irrig. Pool Acre-feet	Maximum Storage 1985		Carryover Dec. 31, 1985	
		Acre-feet	%Average	Acre-feet	%Average
1 Pathfinder (ownership)	a 1,016,510	1,016,510	104%	548,630	90%
1 Glendo (ownership)	a 184,870	183,240	102%	152,300	114%
Lake C. W. McConaughy	a 1,948,000	1,670,100	97%	1,547,800	102%
Oliver	b 2,680	2,760	88%	2,310	91%
Whitney	a 1,000	10,160	99%	5,070	83%
Box Butte	1 31,060	15,420	86%	6,170	74%
2 Enders	a 44,480	31,610	89%	20,930	93%
2 Harry Strunk Lake	a 37,140	39,770	99%	30,770	111%
2 Swanson Lake	a 120,160	124,800	111%	86,780	123%
2 Harlan County	a 342,560	319,400	98%	266,200	107%
2 Hugh Butler Lake	a 37,780	36,010	99%	28,580	101%
Sherman	a 69,080	69,080	100%	49,650	99%
Merritt	a 74,490	76,550	101%	68,830	106%

1 Capacity to top of irrigation pool consists of 64,780 a.f. of dead and power head water; 100,000 storage for irrigation and 20,090 evaporation loss.

2 When maximum storage exceeds capacity of irrigation pool, it indicates some water is being held in flood control pool.

a 1970-1985 record for average

b 1981-1985 record for average - water stored for recreation - no irrigation

NOTE: There is no irrigation water storage in the Oliver Reservoir

ANNUAL MAXIMUM WITHDRAWAL OF MUNICIPAL WELLS (GALLONS PER DAY)

Well Field	Permitted to Withdraw	1967	1968	1969	1970	1971
Alliance	7,500,000	10,572,000	11,457,000	12,062,000	11,753,000	13,468,000
Ashland	360,000	720,000	572,000	658,000	384,000	505,000
Beatrice	6,500,000	-----	-----	-----	-----	5,801,000
Bellevue	10,000,000	2,626,900	2,651,800	2,213,300	2,885,000	2,900,000
Columbus	12,160,000	5,752,800	3,520,400	4,210,032	4,333,000	3,735,710
Fairbury	5,000,000	1,201,847	2,109,000	3,000,000	3,000,000	3,013,900
Fremont	98,000,000	35,800,000	37,200,000	39,000,000	42,600,000	44,300,000
Gothenburg	1,325,000	-----	-----	-----	1,728,000	1,609,700
Grand Island	119,184,000	39,356,000	35,063,000	43,164,000	54,668,000	42,840,000
Harvard	2,000,000	-----	569,750	627,900	1,007,718	974,950
Hastings	30,400,000	15,293,300	18,700,000	15,213,000	-----	-----
Holdrege	10,000,000	3,040,000	4,245,000	3,964,300	4,410,000	4,534,000
Kimball	5,300,000	-----	1,900,000	-----	-----	-----
Laurel	250,000	250,000	469,200	307,000	400,000	480,000
Leigh	130,000	110,000	70,000	63,000	155,000	165,000
Lincoln	72,000,000	64,697,500	69,732,500	68,250,000	82,000,000	80,200,000
Minden	864,000	296,967	720,000	1,357,376	1,270,987	1,452,176
Nebraska City	7,592,000	3,129,000	3,785,000	3,167,000	4,470,000	4,470,000
North Platte	28,584,000	10,185,000	-----	12,295,000	14,759,000	12,050,000
Omaha (M.U.D.)	60,000,000	2,000,000	49,900,000	43,400,000	52,270,000	54,380,000
Papillion	5,000,000	300,000	700,000	61,000	180,000	200,000
Plattsmouth	3,000,000	905,760	1,038,000	894,900	1,167,600	1,097,700
Reynolds	216,000	100,000	50,000	-----	50,000	33,000
Scottsbluff	10,000,000	6,463,128	7,002,214	7,560,000	6,430,000	7,270,000
Seward	9,300,000	2,934,000	1,805,000	1,603,000	1,691,285	168,224
Superior	3,100,000	1,500,000	-----	977,700	1,262,000	-----
Sutton	730,000	250,000	225,000	275,000	400,000	1,000,000
Syracuse	300,000	273,305	289,000	266,000	306,630	287,292
Wakefield	10,000,000	475,000	300,000	-----	95,000	110,000



## ANNUAL MAXIMUM WITHDRAWAL OF MUNICIPAL WELLS (GALLONS PER DAY)

Well Field	1972	1973	1974	1975	1976	1977
Alliance	11,285,000	12,635,000	13,445,000	15,206,000	6,970,000	6,540,000
Ashland	500,000	525,000	1,200,000	1,150,000	1,163,000	1,150,000
Beatrice	6,165,000	7,214,000	7,218,000	7,945,000	6,711,000	5,634,000
Bellevue	2,266,600	2,678,300	2,776,800	2,400,000	2,372,000	2,636,300
Columbus	3,486,000	5,158,000	5,961,000	7,060,000	7,500,000	5,921,000
Fairbury	3,010,000	3,000,000	3,807,564	3,574,000	3,200,000	3,125,000
Fremont	42,000,000	42,843,000	35,573,000	35,017,000	40,181,000	34,152,000
Gothenburg	1,806,000	2,116,800	1,017,500	3,171,800	3,342,700	1,626,965
Grand Island	38,517,000	-----	42,209,000	36,528,000	40,096,000	39,696,000
Harvard	971,900	581,226	972,801	489,690	-----	304,687
Hastings	15,863,850	18,404,475	19,723,232	18,380,225	18,710,100	16,335,200
Holdrege	4,232,600	4,901,400	-----	-----	5,130,300	5,309,800
Kimball	2,000,000	1,914,190	2,587,581	1,944,477	2,000,000	1,800,000
Laurel	480,000	570,000	500,000	500,000	500,000	500,000
Leigh	150,000	145,000	130,000	120,000	140,000	150,000
Lincoln	82,000,000	76,500,000	84,392,000	80,754,000	76,046,700	72,628,000
Minden	1,412,396	1,699,247	2,530,000	2,449,500	2,376,250	1,910,800
Nebraska City	3,740,000	3,262,000	4,318,000	4,075,000	3,723,000	4,010,000
North Platte	13,260,000	14,660,000	17,130,000	-----	14,620,000	17,717,000
Omaha (M.U.D.)	60,500,000	61,520,000	60,120,000	57,200,000	49,340,000	53,200,000
Papillion	750,000	-----	2,616,528	1,373,120	2,520,516	2,521,772
Plattsmouth	1,072,000	1,163,000	1,515,000	1,515,000	2,200,000	2,100,000
Reynolds	-----	15,506	90,000	21,778	27,400	70,000
Scottsbluff	6,210,000	8,250,000	11,130,000	10,610,000	12,800,000	12,000,000
Seward	2,167,400	1,914,100	3,522,000	2,159,000	2,819,700	2,917,700
Supertor	1,532,000	3,094,000	-----	1,464,000	1,561,000	1,142,000
Sutton	1,000,000	450,000	880,400	810,260	882,026	450,000
Syracuse	268,384	422,000	427,595	431,000	510,000	547,000
Wakefield	410,000	375,000	469,000	524,000	500,000	407,000

## ANNUAL MAXIMUM WITHDRAWAL OF MUNICIPAL WELLS (GALLONS PER DAY)

Well Field	1978	1979	1980	1981	1982	1983
Alliance	3,951,000	6,030,000	8,360,000	8,910,000	9,030,000	8,980,000
Ashland	1,800,000	187,660	1,324,000	1,324,000	1,140,000	993,767
Beatrice	4,929,348	5,101,623	5,800,000	5,806,100	4,424,861	4,609,774
Bellevue	1,770,000	1,656,100	1,801,200	2,257,900	2,081,050	2,448,460
Columbus	4,769,000	8,087,000	8,087,000	8,043,000	8,320,000	11,065,000
Fairbury	3,090,000	2,930,200	3,659,000	3,006,100	2,991,600	4,195,000
Fremont	40,333,000	32,478,000	42,027,000	24,065,000	26,281,000	30,341,000
Gothenburg	2,813,000	2,307,700	5,245,800	3,425,500	3,215,200	4,160,100
Grand Island	38,336,500	40,067,600	42,379,200	40,537,500	26,952,000	34,381,000
Harvard	286,950	653,257	864,870	445,064	224,702	697,661
Hastings	16,641,725	17,354,300	15,532,100	13,849,225	13,728,443	17,690,690
Holdrege	5,779,000	4,144,400	5,707,300	5,300,200	5,493,500	6,010,300
Kearney	-----	-----	-----	-----	-----	3,349,000
Kimball	1,768,540	1,550,000	-----	1,593,300	1,249,071	1,502,538
Laurel	500,000	500,000	500,000	500,000	500,000	500,000
Leigh	60,000	120,000	497,000	325,000	355,000	248,000
Lincoln	73,881,736	74,210,000	85,904,000	89,158,100	78,500,000	87,980,000
Minden	2,303,750	2,120,000	2,196,750	1,744,750	1,863,250	2,416,250
Nebraska City	4,230,000	3,850,000	3,900,000	4,290,000	2,835,000	3,400,000
North Platte	16,211,215	7,067,000	18,530,715	17,890,375	8,346,570	17,405,375
Omaha (M.U.D.)	56,720,000	56,790,000	58,140,000	58,910,000	55,520,000	56,510,000
Papillion	2,939,768	3,777,000	3,601,000	4,596,400	3,213,000	5,161,700
Plattsmouth	1,626,000	1,772,000	1,837,000	2,226,000	1,521,000	2,206,000
Reynolds	49,300	168,000	78,600	82,290	346,000	78,000
Scottsbluff	11,410,000	9,974,700	10,821,000	11,776,800	11,960,400	11,255,600
Seward	1,686,000	1,581,158	2,348,212	1,567,833	1,509,000	1,413,000
Supertor	1,006,774	991,967	1,397,000	1,353,000	1,339,000	1,590,000
Sutton	500,850	600,500	935,520	313,264	73,930	417,412
Syracuse	483,000	464,000	538,000	606,000	465,000	587,000
Wakefield	425,000	432,000	485,000	410,000	425,000	450,000

## ANNUAL MAXIMUM WITHDRAWAL OF MUNICIPAL WELLS (GALLONS PER DAY)

<u>Well Field</u>	<u>1984</u>	<u>1985</u>
Alliance	7,800,000	7,920,000
Ashland	505,832	647,700
Beatrice	5,608,000	2,491,155
Bellevue	2,121,100	1,918,900
Columbus	10,210,000	9,583,000
Fairbury	2,720,000	3,129,300
Fremont	20,510,000	25,880,000
Gothenburg	3,696,100	4,308,400
Grand Island	29,341,000	12,960,000
Harvard	745,019	1,088,800
Hastings	15,219,910	15,062,255
Holdrege	5,397,800	6,443,400
Kearney	10,383,000	9,218,000
Kimball	1,838,773	1,730,214
Laurel	500,000	500,000
Leigh	447,000	349,000
Lincoln	77,620,000	81,114,000
Lower Niobrara NRD	259,200	203,000
Minden	2,155,000	2,105,000
Nebraska City	3,605,000	30,400,000
North Platte	15,700,995	27,560,333
Omaha (M.U.D.)	62,200,000	63,500,000
Papillion	4,677,000	4,895,600
Plattsmouth	2,002,000	2,261,000
Reynolds	56,600	95,600
Scottsbluff	10,054,100	10,584,700
Seward	1,177,000	3,271,000
Superior	1,493,000	1,421,000
Sutton	500,000	808,287
Syracuse	512,000	548,900
Wakefield	420,000	400,000

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