

STATE OF NEBRASKA  
DEPARTMENT OF WATER RESOURCES  
HYDROGRAPHIC REPORT

1983

STATE OF NEBRASKA  
DEPARTMENT OF WATER RESOURCES

STORAGE IN RESERVOIRS

DAILY DISCHARGE RECORDS OF MISCELLANEOUS  
STREAMS AND CANAL DIVERSIONS

1983

Prepared Under the Direction of Michael Jess  
Department of Water Resources

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## PREFACE

The following individuals were employed by the Department during Calendar Year 1983. Those persons that made measurements on streams, canals or pumps listed in this report are noted by an asterisk preceding their name. Appreciation is expressed for the patient work performed by Judith A. Huwaldt and Dorothy A. Brening in typing and compiling this report. A special note is made of the effort by H. Lee Becker, James W. Vassos, Dorothy A. Brening and Mark E. Nelson in developing the computer files used to produce the tabular daily river, stream and canal section of this report.

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## HYDROGRAPHIC REPORT 1983

### 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. The cooperative discharge records are published annually by the U.S. Geological Survey in the report 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. These additional records, which are not published by the U.S. Geological Survey, are published in the Hydrographic Report.

Copies of the Hydrographic Report may be obtained by addressing the Department of Water Resources, P.O. Box 94676, Lincoln, Nebraska 68509. 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, U.S. Courthouse, Lincoln, Nebraska 68508, or the Department of Water Resources.

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## EXPLANATION OF DATA

The hydrologic data presented in this report was obtained during Calendar Year 1983. All instantaneous and daily discharge values are expressed in cubic feet per second. Monthly and annual discharge values and reservoir storage totals are listed 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....	62.4 lbs. of water
1 cubic foot. . . . .	0.02832 cubic meters	
1 acre-foot . . . . .	43,560 cubic feet...	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 monthly reservoir storage totals. The mean daily discharge values were obtained from water stage recorders, or readings taken by an observer. Instantaneous peak discharges are published for streams having recording gages which operate year-round.

The water diverted from streams into canals is measured at gages located as close 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, mandates that canal owners or operators must submit a verified list of lands to be irrigated to the Department by April 1st 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 administering water rights. 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.

Mark E. Nelson, P.E.  
Hydrologic Engineer

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STORAGE IN RESERVOIRS  
AND  
DAILY DISCHARGE OF RIVERS, STREAMS AND CANALS  
NOT PUBLISHED BY THE U.S. GEOLOGICAL SURVEY

1983

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WHITE RIVER BASIN

WHITNEY RESERVOIR STORAGE IN ACRE-FEET

From White River--NW1/4NE1/4, Sec. 34-33-51W. near Whitney.

Year ending December 31, 1983

Period of Record:

June 1925-December 1929, April 1933-September 1942  
October 1944-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Nov. 17, 1982	6766	1736
Jan. 28, 1983	9170	2404
Feb. 18, 1983	9647	477
Apr. 19, 1983	9665	18
Jun. 6, 1983	9998	333
Jul. 18, 1983	8915	-1083
Oct. 17, 1983	5135	-3780
Change in storage November 17, 1982 through October 17, 1983		-1631

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983

HOOVER PUMP from Niobrara River  
near Harrison--NW1/4SW1/4 Sec. 21-31-57 W.

Period of Record:

May 1956 - September 1956 May 1970 - September 1983

Date	Apr.	May	June	July	Aug.	Sept.
1	0	.1	0	0	0	0
2	0	.4	0	0	0	0
3	0	.7	0	0	0	0
4	0	.7	0	0	0	0
5	0	.2	0	0	0	0
6	0	.2	0	0	0	0
7	0	.3	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	.4	0	0	0
11	0	0	.5	0	0	0
12	0	0	.7	0	0	0
13	0	0	.7	0	0	0
14	0	0	.4	0	0	0
15	0	0	.1	0	0	0
16	0	0	.3	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	.4	0	0	0
22	0	0	.3	0	0	0
23	0	0	.7	0	0	0
24	.2	0	0	0	0	0
25	.7	0	0	0	0	0
26	.7	0	.2	0	0	0
27	.7	0	.6	0	0	0
28	.7	0	.5	0	0	0
29	.7	0	0	0	0	0
30	.7	0	0	0	0	0
31	---	0	---	0	---	0
S. F.	4.4	2.6	5.8	0	0	0
Mean	0	0	0	0	0	0
Max.	.7	.7	.7	0	0	0
Min.	0	0	0	0	0	0
A. F.	9	5	12	0	0	0
Total 6 months -			26	A. F.		

DAILY DIVERSIONS OF CANALS--1983

LAKOTA CANAL from Niobrara River--Measured through  
2-foot Parshall flume

Period of Record:

NW1/4NE1/4 Sec. 1-30-57-W. near Harrison  
April 1956 - September 1983

Date	May	June	July	Aug.	Sept.	
1	0	4	3	1	1	
2	0	4	3	1	1	
3	0	4	3	1	1	
4	0	4	3	1	1	
5	0	4	3	1	1	
6	0	4	3	1	1	
7	0	3	3	1	1	
8	0	3	2	0	1	
9	0	3	2	1	1	
10	0	3	2	1	1	
11	0	3	2	1	1	
12	0	3	1	1	0	
13	0	3	1	1	0	
14	0	3	1	1	0	
15	0	3	1	1	0	
16	0	3	1	1	0	
17	0	3	1	1	0	
18	0	3	1	1	0	
19	0	4	1	1	0	
20	0	4	1	1	0	
21	0	4	1	1	0	
22	0	4	1	2	0	
23	0	4	2	2	0	
24	1	2	2	1	0	
25	2	2	2	1	0	
26	2	2	2	1	0	
27	3	2	2	1	0	
28	4	2	2	1	0	
29	4	2	2	1	0	
30	4	2	2	1	0	
31	4	---	2	1	---	
S. F.	24	94	58	32	11	
Mean	1	3	2	1	0	
Max.	4	4	3	2	1	
Min.	0	2	1	0	0	
A. F.	50	190	120	60	20	
Total 5 months-			440	A. F.		

## NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 EARNEST CANAL (Combined flow-North & South) from  
 Niobrara River--Measured through rating flumes  
 SW1/4SE1/4 & NE1/4SE1/4 Sec. 9-29-56 W. near Harrison  
 Period of Record: May 1956 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	4	0	0
2	0	0	4	0	0
3	0	0	4	0	1
4	0	0	4	0	1
5	0	0	4	0	3
6	0	0	4	0	5
7	0	0	4	0	4
8	0	0	3	0	4
9	0	0	3	0	4
10	0	0	3	0	4
11	0	0	2	0	4
12	0	0	0	0	3
13	0	0	0	0	3
14	0	2	0	0	3
15	0	3	0	0	3
16	0	3	0	0	3
17	0	3	0	0	3
18	0	3	0	0	3
19	0	3	0	0	3
20	0	3	0	0	3
21	0	3	0	1	1
22	0	3	0	1	0
23	0	3	0	1	0
24	0	3	0	1	0
25	0	3	0	1	0
26	0	3	0	1	0
27	0	3	0	1	0
28	0	4	0	0	0
29	0	4	0	0	0
30	0	4	0	0	0
31	0	---	0	0	---
S. F.	0	53	39	7	58
Mean	0	2	1	0	2
Max.	0	4	4	1	5
Min.	0	0	0	0	0
A. F.	0	110	80	10	120
Total 5 months -			320	A. F.	

DAILY DIVERSIONS OF CANALS--1983  
 COOK CANAL NO. 2 PUMP from Niobrara River  
 SE1/4NW1/4 & NW1/4SE1/4 Sec. 1-28-56 W. near Agate  
 Period of Record: May 1981 - September 1983

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	.7	0	0	0
6	0	.7	0	0	0
7	0	.3	0	0	0
8	0	.7	0	0	0
9	0	.7	0	0	0
10	0	.6	0	0	0
11	0	.3	0	.3	0
12	0	.3	0	.3	0
13	0	0	0	.3	0
14	0	0	.3	.3	0
15	0	0	.3	.3	0
16	0	0	.3	.3	0
17	0	0	.3	.3	0
18	0	0	.7	.7	0
19	0	0	.3	.3	0
20	0	0	.3	.7	0
21	0	0	.3	.3	0
22	0	0	.7	.3	0
23	0	0	.3	.3	0
24	0	0	.3	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	4.3	4.5	4.8	0
Mean	0	.1	.1	.2	0
Max.	0	.7	.7	.7	0
Min.	0	0	0	0	0
A. F.	0	10	10	10	0
Total 5 Months -			30	A. F.	

DAILY DIVERSIONS OF CANALS--1983  
 HARRIS-NEECE CANAL from Niobrara River--Measured through  
 rating flume--SE1/4NE1/4 Sec. 3-28-55 W. near Agate  
 Period of Record: October 1956 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	10	0	8	5
2	0	10	0	8	6
3	0	11	0	8	5
4	0	12	0	9	4
5	0	12	0	10	5
6	0	12	0	12	5
7	0	13	0	11	6
8	0	13	0	10	6
9	0	12	0	10	6
10	0	10	5	9	6
11	0	10	7	8	6
12	0	10	7	8	6
13	0	10	8	8	6
14	0	10	10	8	6
15	0	10	10	7	6
16	0	10	10	7	6
17	0	10	10	7	6
18	0	10	10	7	6
19	0	10	10	7	6
20	0	9	10	8	6
21	0	9	10	6	7
22	0	9	10	6	3
23	0	9	10	6	0
24	0	9	10	6	0
25	0	0	10	6	0
26	0	0	10	7	0
27	4	0	10	7	0
28	10	0	10	7	0
29	9	0	9	8	0
30	9	0	9	8	0
31	10	---	9	7	---
S. F.	42	250	204	244	124
Mean	1	8	7	8	4
Max.	10	13	10	12	7
Min.	0	0	0	6	0
A. F.	80	500	400	480	250
Total 5 months -			1710	A. F.	

DAILY DIVERSIONS OF CANALS--1983  
 LABELLE CANAL from Niobrara River--Measured through  
 rating flume--NW1/4NW1/4 Sec. 6-28-54 W. near Harrison  
 Period of Record: April 1956 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	5	0	0	0
2	0	4	0	0	0
3	0	4	0	0	0
4	0	4	0	0	0
5	0	4	0	0	0
6	0	3	0	0	0
7	0	3	0	0	0
8	0	3	0	0	0
9	0	3	0	0	0
10	0	3	0	0	0
11	0	3	0	0	0
12	0	3	0	0	0
13	0	3	0	0	0
14	0	3	0	0	0
15	0	3	0	0	0
16	0	3	0	0	0
17	0	3	0	0	0
18	0	3	0	0	0
19	0	3	0	0	0
20	0	3	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	5	---	0	0	---
S. F.	5	66	0	0	0
Mean	0	2	0	0	0
Max.	5	5	0	0	0
Min.	0	0	0	0	0
A. F.	10	130	0	0	0
Total 5 months -			140	A. F.	

## NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 METTLEN CANAL from Niobrara River--Measured through  
 rating flume--NE1/4NW1/4 Sec. 4-28-54 W. near Agate  
 Period of Record: May 1956 - September 1983

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	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	2	0	0
23	0	0	3	0	0
24	0	0	2	0	0
25	0	2	2	0	0
26	0	7	1	0	0
27	0	7	0	0	0
28	0	1	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	---	0	0	---
S. F.	0	17	11	0	0
Mean	0	1	0	0	0
Max.	0	7	3	0	0
Min.	0	0	0	0	0
A. F.	0	30	20	0	0
Total 5 months -			50 A. F.		

DAILY DIVERSIONS OF CANALS--1983  
 ARMSTRONG PUMP from Niobrara River--(Flood Irrigation)  
 SW1/4NW1/4 Sec. 9-28-53 W. near Marsland  
 Period of Record: May 1970 - September 1983

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	.3	0	0
6	0	0	.4	0	0
7	0	0	.4	0	0
8	0	0	.4	0	0
9	0	0	.2	0	0
10	0	0	.8	0	0
11	0	0	.9	0	0
12	0	0	.9	0	0
13	0	0	.9	0	0
14	0	0	.9	0	0
15	0	0	.9	0	0
16	0	0	.9	0	0
17	0	0	.9	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	---	0	0	---
S. F.	0	0	8.8	0	0
Mean	0	0	0	0	0
Max.	0	0	.9	0	0
Min.	0	0	0	0	0
A. F.	0	0	17	0	0
Total 5 months -			17 A. F.		

DAILY DIVERSIONS OF CANALS--1983  
 HITSHEW PUMP NO. 2 from Niobrara River (Flood  
 Irrigation) SE1/4SE1/4 Sec. 6-28-52 W. near Marsland  
 Period of Record:  
 May 1956 - September 1956 May 1970 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	.7	0	0	0	0
4	.7	0	0	0	0
5	.7	0	0	0	0
6	.7	0	0	0	0
7	.7	0	0	0	0
8	.7	0	0	0	0
9	.7	0	0	0	0
10	.7	0	0	0	0
11	.7	0	0	0	0
12	.7	0	0	0	0
13	.7	0	0	0	0
14	.7	0	0	0	0
15	.7	0	0	0	0
16	.7	0	0	0	0
17	.7	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	---	0	0	---
S. F.	10.5	0	0	0	0
Mean	0	0	0	0	0
Max.	.7	0	0	0	0
Min.	0	0	0	0	0
A. F.	21	0	0	0	0
Total 5 months -			21 A. F.		

DAILY DIVERSIONS OF CANALS--1983  
 HUGHES CANAL from Niobrara River--Measured through  
 rating flume--SE1/4SE1/4 Sec. 1-28-52 W. near Marsland  
 Period of Record: May 1956 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	7
2	0	0	0	0	6
3	0	0	0	0	6
4	0	0	0	0	2
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	1	0
23	0	0	0	6	0
24	0	0	0	6	0
25	0	0	0	6	0
26	0	0	0	6	0
27	0	0	0	6	0
28	0	0	0	7	0
29	0	0	0	7	0
30	0	0	0	7	0
31	0	---	0	0	---
S. F.	0	0	0	59	21
Mean	0	0	0	2	1
Max.	0	0	0	7	7
Min.	0	0	0	0	0
A. F.	0	0	0	120	40
Total 5 months -			160 A. F.		

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 PIONEER PUMP from Niobrara River (Sprinkler Irrigation)  
 SE1/4SW1/4 Sec. 30-29-50 W. near Marsland  
 Period of Record: May 1981 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	.9	0
2	0	0	0	.4	0
3	0	0	0	1	0
4	0	0	0	.4	0
5	0	0	0	.5	0
6	0	0	1	0	0
7	0	0	1	.5	0
8	0	0	.9	.2	0
9	0	0	0	.2	0
10	0	0	1	.5	0
11	0	0	1	0	0
12	0	0	1	.4	0
13	0	0	.5	0	0
14	0	0	1	0	0
15	0	0	1	.4	0
16	0	0	.6	.3	0
17	0	0	0	0	0
18	0	0	0	.4	0
19	0	0	0	.4	0
20	0	0	0	0	0
21	0	0	0	.6	0
22	0	0	0	.5	0
23	0	0	0	1	0
24	0	0	0	.5	0
25	0	0	0	1	0
26	0	0	0	.4	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	.5	0
30	0	0	0	0	0
31	0	---	0	.5	---
S. F.	0	0	9	11.5	0
Mean	0	0	0	0	0
Max.	0	0	1	1	0
Min.	0	0	0	0	0
A. F.	0	0	18	23	0
Total 5 months	-	-	41	A. F.	-

DAILY DIVERSIONS OF CANALS--1983  
 ENTERPRISE CANAL PUMP from Niobrara River--(Sprinkler  
 Irrigation) NW1/4SE1/4 Sec. 27-29-50 W. near Marsland  
 Period of Record: May 1977 - September 1983

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	1	1	0	0
10	0	1	1	0	0
11	0	1	1	0	0
12	0	1	1	0	0
13	0	1	1	0	0
14	0	1	1	0	0
15	0	1	1	0	0
16	0	1	1	0	0
17	0	1	1	0	0
18	0	1	1	0	0
19	0	1	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	11	9	0	0
Mean	0	0	0	0	0
Max.	0	1	1	0	0
Min.	0	0	0	0	0
A. F.	0	20	20	0	0
Total 5 months	-	-	40	A. F.	-

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

Date	May	June	July	Aug.	Sept.
1	0	.9	0	0	0
2	0	.9	0	0	0
3	0	.7	0	0	0
4	0	.5	0	0	0
5	0	.2	.5	0	0
6	0	.3	1	0	0
7	0	.3	1	0	0
8	0	0	1	0	0
9	0	0	1	0	0
10	0	.6	0	0	.1
11	0	1	0	0	.2
12	0	1	.2	0	.1
13	0	.9	.2	0	0
14	0	1	.2	0	0
15	0	1	.2	0	0
16	0	.8	.1	0	0
17	0	1	0	0	0
18	0	.6	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	.1
23	0	0	0	0	.2
24	0	0	0	0	.2
25	0	0	0	0	.2
26	0	0	0	0	.2
27	.3	0	0	0	.2
28	0	0	0	0	.2
29	0	0	0	0	.2
30	0	0	0	0	.2
31	.3	---	0	0	---
S. F.	.6	11.7	5.4	0	2.1
Mean	0	0	0	0	0
Max.	.3	1	1	0	0
Min.	0	0	0	0	0
A. F.	1	23	11	0	4
Total 5 months	-	-	39	A. F.	-

DAILY DIVERSIONS OF CANALS--1983  
 MONTAGUE CANAL from Niobrara River--Measured through  
 rating flume--SW1/4NW1/4 Sec. 27-29-48 W. near Dunlap  
 Period of Record:  
 May 1956 - September 1957 May 1959 - September 1983

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	1
9	0	0	0	0	1
10	0	0	0	0	0
11	0	0	0	0	1
12	0	0	0	0	1
13	0	0	0	0	1
14	0	0	0	0	1
15	0	0	0	0	1
16	0	0	0	0	1
17	0	0	0	0	1
18	0	0	0	0	1
19	0	0	0	0	1
20	0	0	0	0	1
21	0	0	0	0	1
22	0	0	0	0	1
23	0	0	0	0	1
24	0	0	0	0	1
25	0	0	0	0	1
26	0	0	0	0	1
27	0	0	0	0	1
28	0	0	0	0	1
29	0	0	0	0	1
30	0	0	0	0	0
31	0	---	0	0	---
S. F.	0	0	0	18	4
Mean	0	0	0	1	0
Max.	0	0	0	1	1
Min.	0	0	0	0	0
A. F.	0	0	0	40	10
Total 5 months	-	-	-	50	A. F.



NIORRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	0	0
4	1	0	0	0	0
5	1	0	0	0	0
6	1	0	0	0	0
7	1	0	0	0	0
8	1	0	0	0	0
9	1	1	0	0	0
10	1	1	0	1	0
11	1	1	0	1	0
12	1	1	1	1	0
13	1	1	1	1	0
14	1	1	1	1	0
15	1	1	1	1	0
16	1	1	1	1	0
17	1	1	1	1	0
18	1	1	1	1	0
19	1	1	1	1	0
20	1	1	1	1	0
21	1	1	1	1	0
22	1	1	1	1	0
23	1	0	1	1	0
24	0	0	1	1	0
25	0	0	1	1	0
26	0	0	0	1	0
27	0	0	0	1	0
28	0	0	0	1	0
29	0	0	0	1	0
30	0	0	0	1	0
31	0	0	0	1	0
S. F.	20	13	14	22	2
Mean	1	0	0	1	0
Max.	1	1	1	1	1
Min.	0	0	0	0	0
A. F.	40	30	30	40	0
Total 5 months -			140	A. F.	

DAILY DIVERSIONS OF CANALS--1983  
 LICHTE CANAL from Niobrara River--Measured through  
 Parshall flume--SW1/4NW1/4 Sec. 26-29-48 W. near Dunlap  
 Period of Record: April 1956 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	2	0	4	0
3	0	2	0	5	0
4	0	1	0	4	0
5	0	4	0	3	0
6	0	3	0	3	0
7	0	0	0	4	0
8	0	0	0	4	0
9	0	0	0	3	0
10	0	0	0	3	0
11	0	0	0	3	0
12	0	0	0	3	0
13	0	0	0	3	0
14	0	0	0	3	0
15	0	3	0	3	0
16	0	4	0	3	0
17	0	4	0	3	0
18	0	4	0	3	0
19	0	3	0	3	0
20	0	0	0	3	0
21	0	0	0	3	0
22	0	0	0	3	0
23	0	0	0	3	0
24	0	0	0	3	0
25	0	0	0	3	0
26	0	0	0	3	0
27	0	0	0	3	0
28	0	0	0	2	0
29	0	0	0	1	0
30	0	0	0	0	0
31	0	0	0	0	0
S. F.	0	30	0	89	0
Mean	0	1	0	3	0
Max.	0	4	0	5	0
Min.	0	0	0	0	0
A. F.	0	60	0	180	0
Total 5 months -			240	A. F.	

DAILY DIVERSIONS OF CANALS--1983  
 MIRAGE FLATS 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	189	130
2	0	0	0	183	127
3	0	0	0	156	107
4	0	0	0	146	105
5	0	0	0	131	94
6	0	0	0	118	81
7	0	0	0	119	78
8	0	0	0	137	77
9	0	0	0	167	79
10	0	0	30	165	32
11	0	0	74	163	0
12	0	0	126	164	0
13	0	0	155	164	0
14	0	0	154	167	0
15	0	0	167	167	0
16	0	0	174	181	0
17	0	0	178	194	0
18	0	0	153	190	0
19	0	0	121	169	0
20	0	0	115	138	0
21	0	0	130	121	0
22	0	0	140	119	0
23	0	0	77	116	0
24	0	0	63	112	0
25	0	0	61	109	0
26	0	0	62	102	0
27	0	0	91	101	0
28	0	0	151	101	0
29	0	0	160	109	0
30	0	0	178	155	0
31	0	0	178	132	0
S. F.	0	0	2738	4485	910
Mean	0	0	88	145	30
Max.	0	0	178	194	130
Min.	0	0	0	101	0
A. F.	0	0	5430	8900	1800
Total 5 months -			16130	A. F.	

DAILY DIVERSIONS OF CANALS--1983  
 POTMESIL CANAL from Niobrara River--Measured through  
 Parshall flume--SE1/4NW1/4 Sec. 26-29-48 W. near Dunlap  
 Period of Record: May 1956 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	7	10
2	0	0	2	7	10
3	0	0	4	5	3
4	0	0	2	6	0
5	0	0	0	6	2
6	0	0	1	6	7
7	0	0	4	6	7
8	0	0	5	8	7
9	0	0	7	9	4
10	0	0	7	9	0
11	0	0	7	9	0
12	0	0	8	9	4
13	0	0	9	9	9
14	0	0	8	8	9
15	0	3	7	8	8
16	0	4	7	8	8
17	0	4	7	8	8
18	0	4	7	8	3
19	0	4	5	7	0
20	0	4	6	7	0
21	0	0	7	7	0
22	0	0	8	8	0
23	0	0	8	7	0
24	0	0	7	8	0
25	0	0	6	7	0
26	0	0	6	7	0
27	0	0	9	7	0
28	0	0	9	8	0
29	0	0	8	10	0
30	0	0	8	11	0
31	0	0	7	10	0
S. F.	0	23	186	240	99
Mean	0	1	6	8	3
Max.	0	4	9	11	10
Min.	0	0	0	5	0
A. F.	0	50	370	480	200
Total 5 months -			1100	A. F.	

## NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	78	42	212	339
2	0	81	42	228	320
3	0	81	42	293	262
4	0	82	42	377	262
5	0	82	47	437	259
6	0	82	62	450	246
7	0	83	88	452	224
8	0	92	135	486	204
9	0	99	173	500	181
10	0	99	192	497	157
11	0	99	249	488	152
12	0	92	311	483	132
13	0	71	364	465	125
14	0	62	407	463	123
15	0	62	454	452	106
16	0	62	257	452	78
17	0	59	86	446	61
18	0	57	62	446	61
19	0	57	61	446	61
20	0	58	62	432	55
21	0	58	93	432	47
22	0	57	178	405	47
23	0	57	241	204	47
24	0	58	260	190	47
25	17	65	337	190	47
26	92	68	415	203	47
27	56	51	415	228	47
28	91	42	409	232	39
29	99	42	377	259	0
30	91	42	362	298	0
31	78	---	322	323	---
S. F.	524	2078	6587	11469	3776
Mean	17	69	212	370	126
Max.	99	99	454	500	339
Min.	0	42	42	190	0
A.F.	1040	4120	13070	22750	7490
Total 5 Months	- 48470 A.F.				
Acreage reported	A-5218-35196, A-10620-				
Supp.	A-13853-168, A-15122-146, A-15557-				
	200, A-15730-177, Total-35887				

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

Year ending December 31, 1983

Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	1326	-8
Jan. 31, 1983	1329	3
Feb. 28, 1983	1460	131
Mar. 31, 1983	1548	88
Apr. 30, 1983	1525	-23
May. 31, 1983	1516	-9
Jun. 30, 1983	1604	88
Jul. 31, 1983	1478	-126
Aug. 31, 1983	1426	-52
Sep. 30, 1983	1373	-53
Oct. 31, 1983	1360	-13
Nov. 30, 1983	1403	43
Dec. 31, 1983	1388	-15
Change in Storage December 31, 1982 through December 31, 1983		62

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

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

Year ending December 31, 1983

Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	4014	36
Jan. 31, 1983	4050	36
Feb. 28, 1983	4119	69
Mar. 31, 1983	4422	303
Apr. 30, 1983	4315	-107
May. 31, 1983	4123	-192
Jun. 30, 1983	4171	48
Jul. 31, 1983	3998	-173
Aug. 31, 1983	3895	-103
Sep. 30, 1983	3879	-16
Oct. 31, 1983	3902	23
Nov. 30, 1983	4018	116
Dec. 31, 1983	3962	-56
Dec. 31, 1983	1388	-2574
Change in Storage December 31, 1982 through December 31, 1983		-2626

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	920	1495	1452
2	0	0	1017	1511	1452
3	0	0	1051	1514	1406
4	0	0	1079	1514	1406
5	0	0	1132	1514	1361
6	0	0	1281	1517	1307
7	0	583	1403	1502	1307
8	0	570	1492	1505	1263
9	0	502	1520	1505	1226
10	0	500	1530	1502	1205
11	0	500	1530	1502	1211
12	0	500	1533	1514	1205
13	0	500	1524	1524	1157
14	0	500	1527	1524	1160
15	0	502	1527	1527	1129
16	0	502	1527	1530	1081
17	0	502	1527	1527	1059
18	0	502	1530	1527	1062
19	0	531	1530	1527	1034
20	0	567	1530	1483	979
21	0	605	1530	1480	950
22	0	666	1527	1480	950
23	0	761	1477	1468	947
24	0	833	1477	1452	923
25	0	892	1480	1452	841
26	0	931	1483	1452	709
27	0	915	1483	1464	342
28	0	876	1483	1461	0
29	0	876	1483	1455	0
30	0	879	1483	1455	0
31	0	---	1480	1452	---
S.F.	0	15495	44096	46335	30124
Mean	0	517	1422	1495	1004
Max.	0	931	1533	1530	1452
Min.	0	0	920	1452	0
A.F.	0	30730	87460	91900	59750
Total 5 months - 269840 A.F.					
Acreage reported A-768(Nebr)-54846,					
A-768(Wyo)-50210, Total-105056					

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	300	632	596
2	0	0	307	627	605
3	0	0	337	627	607
4	0	0	374	630	609
5	0	0	399	630	616
6	0	0	402	636	603
7	0	0	408	639	587
8	0	0	475	632	576
9	0	0	521	623	570
10	0	314	578	625	556
11	0	234	609	620	561
12	0	260	620	620	542
13	0	255	620	627	527
14	0	245	618	620	533
15	0	253	611	618	525
16	0	247	603	620	518
17	0	242	600	625	504
18	0	245	603	618	487
19	0	250	607	618	487
20	0	260	607	618	477
21	0	260	605	616	457
22	0	260	609	627	435
23	0	268	623	623	439
24	0	285	623	605	429
25	0	309	618	609	427
26	0	305	632	592	406
27	0	292	632	589	364
28	0	288	630	603	253
29	0	293	632	609	0
30	0	300	627	596	0
31	0	---	625	596	---
S.F.	0	5665	17055	19170	14296
Mean	0	189	550	618	477
Max.	0	314	632	639	616
Min.	0	0	300	589	0
A.F.	0	11240	33830	38020	28360
Total 5 months - 111450 A.F.					
Acreage reported A-768(Nebr)-54846					

DAILY DIVERSION OF CANALS -- 1983  
 INTERSTATE CANAL from North Platte River--Measured  
 through rating flume--NE1/4 NW1/4 Sec. 11-26-65 W., Wyo.  
 Period of Record: October 1915 - October 1983

Date	April	May	June	July	Aug.	Sept.	Oct.
1	0	803	708	1393	2005	1914	556
2	0	803	899	1484	1994	1925	89
3	0	798	908	1494	2009	1975	0
4	0	798	908	1559	2028	1922	0
5	0	795	908	1783	2024	1887	0
6	0	738	905	1956	2028	1876	0
7	0	649	911	1960	2036	1756	0
8	0	640	998	1956	2036	1776	0
9	0	638	998	1986	2032	1735	0
10	0	647	995	2009	2036	1732	0
11	0	772	989	2036	2032	1732	0
12	0	767	986	2032	2032	1725	0
13	0	526	989	2043	2028	1671	0
14	0	133	992	2043	2024	1671	0
15	0	0	986	2055	2032	1623	0
16	0	0	995	2024	2028	1596	0
17	0	0	1041	2028	2020	1565	0
18	0	0	1094	2028	2028	1559	0
19	0	0	1204	2028	2024	1562	0
20	0	0	1297	2024	2001	1562	0
21	161	0	1310	2028	1990	1555	0
22	575	0	1319	2028	2013	1545	0
23	788	0	1354	2020	2001	1504	0
24	814	0	1396	2005	1963	1511	0
25	811	0	1438	2005	1963	1511	0
26	821	0	1434	2005	1960	1504	0
27	821	0	1409	1998	1971	1504	0
28	819	0	1338	1998	1975	1085	0
29	816	0	1345	2001	1929	862	0
30	811	0	1348	2005	1914	801	0
31	---	358	---	2009	1910	---	0
S.F.	7237	9865	33402	60023	62066	48146	645
Mean	241	318	1113	1936	2002	1605	21
Max.	821	803	1438	2055	2036	1975	556
Min.	0	0	1	1393	1910	801	0
A.F.	14350	19570	66250	119050	123110	95500	1280
Total 7 months - 439110 A.F.							
Acreage reported A-768(Nebr)- 100949 , A-768(Wyo)-							
11500, Total-112449							

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.

Year ending December 31, 1983  
 Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Cont (acre-feet)
Dec. 31, 1982	1110	-407
Jan. 31, 1983	852	-258
Feb. 28, 1983	520	-332
Mar. 31, 1983	298	-222
May 1, 1983	2300	2002
Jun. 2, 1983	5448	3148
Jun. 30, 1983	10099	4651
Jul. 28, 1983	5086	-5013
Aug. 25, 1983	2697	-2389
Sep. 29, 1983	3214	517
Oct. 31, 1983	1830	-1384
Nov. 30, 1983	1475	-355
Dec. 29, 1983	1110	-365
Change in storage December 31, 1982 through December 31, 1983		
		0

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.

Year ending December 31, 1983  
Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	37248	-177
Jan. 31, 1983	36730	-518
Feb. 28, 1983	36384	-346
Mar. 31, 1983	36038	-346
May 1, 1983	37778	1740
Jun. 2, 1983	47049	9271
Jun. 30, 1983	53218	6169
Jul. 31, 1983	35182	-18036
Aug. 31, 1983	15158	-20024
Sep. 29, 1983	19567	4409
Oct. 31, 1983	24590	5023
Nov. 30, 1983	24454	-136
Dec. 29, 1983	24315	-139
Change in storage December 31, 1982 through		-12933

DAILY DIVERSIONS OF CANALS--1983  
MITCHELL CANAL from North Platte River--Measured through rating flume--SW1/4NE1/4 Sec. 10-23-60 W., Wyo. near Henry  
Period of Record:  
April 1916 - September 1919, May 1921 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	64	102	123	118
2	0	59	99	120	114
3	0	67	94	124	107
4	0	51	92	111	99
5	0	48	93	111	111
6	0	53	81	122	102
7	0	50	114	125	81
8	0	57	165	128	103
9	0	50	135	131	106
10	0	45	147	130	96
11	0	51	144	126	92
12	0	50	151	134	96
13	0	64	144	132	84
14	0	70	134	130	83
15	0	65	146	136	79
16	0	67	130	127	82
17	0	77	133	135	78
18	0	83	141	135	79
19	0	91	132	129	79
20	0	99	120	127	73
21	0	83	125	127	75
22	0	86	122	118	70
23	0	92	111	116	61
24	0	101	105	124	48
25	0	94	119	120	53
26	105	78	117	109	52
27	180	97	118	110	53
28	180	100	121	109	64
29	168	93	120	113	60
30	184	98	123	117	6
31	175	---	119	123	---
S. F.	992	2183	3797	3822	2404
Mean	32	73	122	123	80
Max.	184	101	165	136	118
Min.	0	45	81	109	6
A. F.	1970	4330	7530	7580	4770
Total 5 months - 26180 A. F.					
Acreage reported D-1052-13568					

DAILY DIVERSIONS OF CANALS--1983  
TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS from North Platte River--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 1920, May 1921 - September 1983

Date	Apr.	May	June	July	Aug.	Sept.
1	0	230	570	638	1082	959
2	0	303	529	697	1095	941
3	0	369	515	738	1094	957
4	0	353	560	805	1090	935
5	0	351	613	855	1094	921
6	0	351	618	1033	1106	864
7	0	356	593	1062	1113	829
8	0	351	582	1114	1133	811
9	0	349	565	1074	1131	801
10	0	323	584	1095	1128	790
11	0	371	618	1076	1117	772
12	0	378	626	1061	1122	774
13	0	331	538	1059	1113	773
14	0	252	508	1080	1101	769
15	0	252	486	1079	1100	776
16	0	252	510	1073	1110	759
17	0	249	549	1073	1117	758
18	0	419	531	1086	1116	763
19	0	575	519	1137	1108	755
20	0	524	534	1192	1104	713
21	0	490	532	1188	1113	685
22	0	533	543	1202	1108	675
23	0	587	557	1214	1139	675
24	0	523	568	1211	1076	672
25	0	442	600	1197	1048	672
26	0	474	628	1184	1027	584
27	0	455	611	1148	1036	416
28	0	417	599	1106	1019	303
29	179	373	620	1099	999	76
30	250	348	624	1096	1004	0
31	---	491	---	1095	991	---
S. F.	429	12072	17030	32767	33734	21178
Mean	14	389	568	1057	1088	706
Max.	250	587	628	1214	1139	959
Min.	0	230	486	638	991	0
A. F.	850	23940	33780	64990	66910	42010
Total 6 months - 232480 A. F.						
Acreage reported D-918-60103, A-660-2913, O.D.'S-320, Total-63336						

DAILY DIVERSIONS OF CANALS--1983  
TRI-STATE CANAL  
IRRIGATION DISTRICT AND PREFERRED RIGHTS  
Summary in Acre-feet 1983

	Apr.	May	June	July	Aug.	Sept.	Totals
Diverted from:							
North Platte River..	850	23940	33780	64990	66910	42010	232480
*Optional diversions..	0	0	0	930	1360	670	2960
**Drains.....	0	460	0	0	0	210	670
Totals.....	850	24400	33780	65920	68270	42890	236110
Total water diverted 236110 A. F.							
Acreage reported D-918-60103, A-660-2913, O.D.'S-320, Total-63336							
*Alliance Drain onto Farmers Irrigation District lands							
**Diverted by Farmers Irrigation District in excess of delivery to Northport Irrigation District							

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER PASSING  
TRI-STATE DAM---NW1/4NE1/4 Sec. 10-23-58W. Near Henry  
Period of Record  
April 1947 - September 1964, October 1967 - September 1983

Date	May	June	July	Aug.	Sept.
1	2930	6150	6820	5660	5270
2	2760	6190	6090	5290	5290
3	2810	5890	6570	4530	5250
4	2860	5820	6450	4400	5220
5	2910	6040	6290	4000	5230
6	3050	5990	5990	3960	5010
7	3150	5790	6050	4070	4990
8	3230	5840	6210	4250	4910
9	3390	5780	5960	4350	5070
10	3450	6100	6000	4380	4820
11	3510	6580	6050	4160	4680
12	3620	6370	5960	3960	4710
13	3600	6080	5930	4050	4900
14	3670	6400	6250	3990	5030
15	3860	6190	6240	4020	5030
16	3840	6400	6090	4050	5040
17	4420	7010	5870	4140	5030
18	4320	6410	5800	4140	4970
19	3890	6260	5580	4230	5050
20	3950	6340	5300	5060	4030
21	4160	6190	5150	4650	3630
22	4430	6160	5110	4620	3350
23	4990	6290	5790	4620	4120
24	5760	6540	6010	4570	2210
25	6200	6770	5660	4560	950
26	6080	6960	5560	4540	700
27	5800	6790	5440	4680	620
28	5600	6720	5710	4920	700
29	5370	6850	5680	5040	1250
30	5750	6690	5650	5120	1490
31	6010	---	5690	5100	---
S.F.	129370	189590	182950	139110	118550
Mean	4173	6320	5902	4487	3952
Max.	6200	7010	6820	5660	5290
Min.	2760	5780	5110	3960	620
A.F.	256600	376050	362880	275920	235140
Total 5 Months	- 1516590 A.F.				

DAILY DIVERSIONS OF CANALS--1983  
RAMSHORN CANAL from North Platte River--Measured  
over weir--NW1/4NE1/4 Sec. 19-23-57 W. near Henry  
Period of Record: June 1919 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	4	6	3	0
2	0	5	7	3	0
3	0	3	6	3	2
4	0	2	6	0	3
5	7	3	5	0	4
6	8	3	5	0	3
7	8	2	3	1	3
8	8	2	5	2	2
9	9	2	6	1	2
10	10	2	4	1	0
11	2	2	2	0	0
12	3	2	4	0	0
13	3	2	6	0	0
14	2	2	7	0	1
15	2	3	7	0	2
16	4	2	6	0	2
17	5	1	5	0	3
18	5	2	4	0	2
19	4	2	4	1	2
20	4	6	4	2	2
21	4	5	5	1	0
22	4	4	6	0	0
23	4	0	5	0	1
24	4	3	4	0	0
25	4	4	3	2	0
26	4	5	2	3	0
27	3	7	2	3	0
28	3	6	1	2	0
29	3	7	2	0	0
30	3	5	2	0	0
31	4	---	2	---	---
S.F.	124	100	135	30	32
Mean	4	3	4	1	1
Max.	10	7	7	3	4
Min.	0	0	1	0	0
A.F.	250	200	270	60	60
Total 5 months	- 840 A.F.				
Acreage reported D-945-1652					

DISCHARGE IN SECOND-FEET OF AKERS DRAW NEAR MORRILL  
NW1/4SW1/4 Sec. 12-23-57 W.  
Period of Record: October 1973 - December 1983

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1983, 21.4 Cubic Feet per Second at 1830 hours on May 19, 1983 at a Gage Height of 3.19. No peak above 40 Cubic Feet per Second base peak. Minimum Daily Discharge, 7.8 Cubic Feet per Second on May 20-22, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11	11	10	10	10	9	8.7	15	15	15	13	11
2	11	11	9.3	10	9.6	9.3	8.7	15	15	15	13	11
3	11	10	10	10	9.6	9.3	9	17	14	15	13	11
4	11	10	9.6	10	9.6	9.3	9.3	16	14	15	13	11
5	11	10	9.6	10	9.6	9.3	12	14	14	15	12	10
6	11	11	9.6	10	9.6	9.3	13	13	13	15	12	10
7	11	10	9.6	10	10	8.7	15	13	13	15	12	10
8	11	10	9.6	10	10	8.7	13	14	13	14	11	10
9	11	10	9.6	10	9.6	9	14	13	12	14	11	10
10	11	10	10	9.6	10	9	14	13	12	13	11	10
11	11	10	10	9.6	10	9.3	14	13	12	13	11	10
12	11	10	10	9.6	10	9.3	13	17	12	13	11	11
13	11	10	10	9.6	10	9	13	16	12	13	11	11
14	11	10	10	9.6	10	9	13	15	12	13	10	11
15	11	10	11	9.6	10	8.7	13	14	11	13	10	10
16	11	10	11	9.6	10	9	14	14	11	13	10	10
17	11	10	11	9.3	10	9	14	14	12	13	10	10
18	11	10	10	9	8.4	9	14	13	12	13	10	10
19	11	11	10	9	9.3	9	14	13	12	13	10	11
20	11	10	10	8.4	7.8	9	13	14	13	13	11	11
21	11	10	10	8.4	7.8	9	12	14	13	13	11	11
22	11	10	10	8.4	7.8	8.7	14	14	13	13	11	11
23	11	10	10	9	8.1	8.7	16	13	14	13	11	11
24	11	9.6	11	9.6	8.4	8.7	16	14	14	13	11	11
25	11	9.6	11	10	8.1	9	16	14	15	13	11	10
26	11	9.6	10	10	8.4	9.3	16	14	15	13	11	10
27	11	9.6	10	10	8.4	9.3	15	14	15	13	11	10
28	11	9.6	10	10	8.7	8.7	15	14	15	13	11	10
29	11	---	9.6	10	8.7	8.7	15	14	15	13	11	10
30	11	---	10	10	9	8.7	15	14	15	13	11	11
31	11	---	10	---	9	---	15	14	---	---	---	11
S.F.	341	283	311.5	287.9	285.9	269.7	416.7	440	398	419	335	315
Mean	11	10	10	10	9	9	13	14	13	14	11	10
Max.	11	11	11	10	10	9.3	16	17	15	15	13	11
Min.	11	9.6	9.3	8.4	7.8	8.7	8.7	13	11	13	10	10
A.F.	680	560	620	570	570	530	830	870	790	830	660	640
Total 12 Months	- 8150 A.F.											

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 ENTERPRISE CANAL from North Platte River--Measured through  
 rating flume--NE1/4NW1/4 Sec. 27-23-57 W. near Morrill  
 Period of Record:  
 June 1916 - September 1916 May 1919 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	77	89	94	107
2	26	76	88	94	107
3	61	74	85	94	107
4	68	72	85	109	109
5	72	74	88	112	109
6	80	74	105	112	103
7	83	74	105	114	97
8	85	72	103	117	96
9	88	72	97	115	96
10	90	71	106	115	97
11	77	76	128	115	96
12	70	72	127	127	94
13	70	76	124	136	92
14	70	80	125	137	93
15	70	80	127	137	93
16	70	78	128	131	93
17	70	80	125	128	93
18	70	80	119	127	93
19	65	78	114	112	93
20	64	79	131	119	96
21	62	78	125	118	90
22	64	78	118	106	96
23	67	78	124	102	96
24	68	89	124	102	93
25	74	98	105	101	80
26	78	97	101	101	80
27	77	96	87	102	79
28	76	93	88	103	79
29	75	92	93	107	80
30	76	92	92	107	48
31	77	--	93	107	--
S.F.	2143	2406	3349	3501	2785
Mean	69	80	108	113	93
Max.	90	98	131	137	109
Min.	0	71	85	94	48
A.F.	4250	4770	6640	6940	5520
Total 5 months -	28120 A.F.				
Acreage reported	D-920-7631				

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	Apr.	May	June	July	Aug.	Sept.
1	0	1	1	2	2	1
2	0	1	1	2	2	1
3	0	1	1	2	2	1
4	0	1	1	2	2	1
5	0	1	1	2	2	1
6	0	1	1	2	2	1
7	0	1	1	2	2	1
8	0	1	1	2	2	1
9	0	1	1	2	2	1
10	0	2	1	2	2	1
11	0	2	1	2	2	1
12	0	2	1	2	2	1
13	0	2	1	2	2	1
14	0	2	1	2	2	1
15	0	2	1	2	2	1
16	0	2	1	2	2	1
17	0	3	1	2	2	1
18	0	3	1	2	2	1
19	0	3	1	2	2	1
20	0	3	1	2	2	1
21	2	3	1	2	2	1
22	2	3	1	2	2	1
23	2	3	1	2	2	1
24	2	2	1	2	2	1
25	2	2	2	2	2	1
26	2	2	2	2	2	1
27	2	2	2	2	2	1
28	2	2	2	2	2	1
29	1	2	2	2	2	1
30	1	2	2	2	2	1
31	--	1	--	--	2	--
S.F.	18	59	36	62	36	44
Mean	1	2	1	2	1	1
Max.	2	3	2	2	2	2
Min.	0	1	1	2	1	1
A.F.	40	120	70	120	70	90
Total 6 Months -	510 A.F.					

DAILY DIVERSIONS OF CANALS--1983  
 ENTERPRISE CANAL from Winters Creek--Measured in channel  
 of canal--NW1/4NE1/4 Sec. 17-22-54 W. near Scottsbluff  
 Period of Record:  
 May 1937 - September 1943, May 1969 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	3	3
2	0	0	0	3	3
3	0	0	0	3	3
4	0	0	0	3	2
5	0	0	0	3	2
6	0	0	0	3	2
7	0	0	1	3	2
8	0	0	1	3	2
9	0	0	2	3	1
10	0	0	2	3	1
11	0	0	3	3	1
12	0	0	3	3	1
13	0	0	4	3	0
14	0	0	4	3	0
15	0	0	3	3	0
16	0	0	3	3	0
17	0	0	3	3	0
18	0	0	3	3	0
19	0	0	2	3	0
20	0	0	2	3	0
21	0	0	2	3	0
22	0	0	2	3	0
23	0	0	2	3	0
24	0	0	3	3	0
25	0	0	3	3	0
26	0	0	3	3	0
27	0	0	3	3	0
28	0	0	3	3	0
29	0	0	3	3	0
30	0	0	3	3	0
31	0	---	3	3	---
S.F.	0	0	66	93	23
Mean	0	0	2	3	1
Max.	0	0	4	3	3
Min.	0	0	0	3	0
A.F.	0	0	130	180	50
Total 5 Months -	360 A.F.				

DAILY DIVERSIONS OF CANALS--1983

ENTERPRISE CANAL  
 Summary in Acre-feet--1983

	Apr.	May	June	July	Aug.	Sept.	Totals
Diverted from:							
North Platte River....	0	4250	4770	6640	6940	5520	28120
Morrill Drain.....	40	120	70	120	70	90	510
Dry Spottedtail Creek.	0	0	0	0	0	0	0
Tub Springs.....	0	0	0	0	0	0	0
Winters Creek.....	0	0	0	130	180	50	360
Totals.....	40	4370	4840	6890	7190	5660	28990

Total water diverted 28990 A.F.  
 No storage ordered for 1983

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF DRY SPOTTEDTAIL CREEK AT MITCHELL  
SE1/4SE1/4 Sec. 20-23-56 W.

Period of Record: October 1948 - December 1983

EXTREMES FOR CURRENT YEAR--Peak discharges above base of 160 cfs, and maximum  
(\*): DISCH GHT DATE TIME DISCH GHT  
DATE TIME (CFS) (FT) DATE TIME (CFS) (FT)  
May 17 1300 191 2.54 Jul 23 0615 \*433 4.00  
Sep 30 1245 182 2.48

Minimum Daily Discharge, 14 Cubic Feet per Second on April 15, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	24	30	23	24	30	30	60	91	80	76	26	22
2	23	29	23	25	37	30	56	87	83	69	26	22
3	23	29	23	26	76	30	59	80	88	65	26	22
4	24	28	23	26	80	34	65	72	110	58	26	22
5	24	28	23	25	83	31	72	70	105	54	26	22
6	27	27	23	24	86	45	68	72	96	54	26	22
7	27	27	23	23	91	46	68	72	96	54	26	22
8	35	27	23	21	91	47	70	70	83	52	27	22
9	33	26	23	20	90	45	73	68	83	51	28	22
10	33	26	23	20	65	51	74	59	84	51	28	22
11	35	26	22	20	59	58	87	58	86	50	28	22
12	35	26	22	20	68	72	82	59	86	42	28	22
13	33	26	24	20	40	82	87	73	86	42	27	22
14	31	28	22	19	43	83	86	72	84	39	26	21
15	30	28	22	14	38	70	88	72	90	36	27	20
16	30	28	23	15	35	56	90	82	90	35	26	19
17	30	28	24	15	110	54	94	80	91	33	25	18
18	30	28	24	15	43	47	110	80	87	33	25	17
19	30	26	24	16	48	47	113	83	82	32	24	16
20	30	25	24	17	44	46	115	92	83	30	24	15
21	30	24	23	18	36	46	112	80	83	30	24	15
22	30	24	23	19	36	58	135	76	82	29	23	15
23	30	24	23	19	30	50	257	73	80	28	22	15
24	30	24	22	18	26	51	238	79	73	27	22	15
25	30	24	22	18	28	54	204	79	62	27	22	16
26	30	24	22	17	30	63	152	72	72	27	22	16
27	30	23	22	17	31	83	137	74	84	27	22	17
28	30	23	22	17	31	86	126	86	86	26	22	17
29	30	---	22	17	30	79	108	87	100	26	22	17
30	30	---	22	19	30	62	97	86	119	26	22	17
31	30	---	25	---	31	---	96	83	---	26	---	17
S.F.	917	736	710	584	1596	1636	3294	2370	2604	1253	748	589
Mean	30	26	23	19	51	55	106	76	87	40	25	19
Max.	35	30	25	26	110	86	257	92	119	76	28	22
Min.	23	23	22	14	26	30	56	58	62	26	22	15
A.F.	1820	1460	1410	1160	3170	3240	6530	4700	5160	2490	1480	1170
Total 12 Months	- 33790 A.F.											

DISCHARGE IN SECOND-FEET OF WET SPOTTEDTAIL CREEK NEAR MITCHELL  
SW1/4NE1/4 Sec. 6-22-55 W.

Period of Record: October 1935 - September 1942, October 1978 - December 1983

Gaging Station Discontinued December 31, 1983.

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1983, 33 Cubic Feet  
per Second at 0900 hours on May 17, 1983 at a Gage Height of 3.53 Feet.

Minimum  
Daily Discharge, 6.2 Cubic Feet per Second on March 24, 27, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8	8	6.9	7.2	16	14	18	19	20	17	11	9
2	7.8	7.8	6.9	7.4	13	14	17	19	20	18	11	12
3	7.6	7.4	6.9	7.6	12	14	17	20	19	18	11	11
4	7.5	7.4	7.1	7.5	12	14	16	20	18	18	10	11
5	7.4	7.2	7.5	7.5	12	14	16	20	18	18	10	11
6	7.4	7.2	7.5	7.5	11	14	16	20	17	18	11	11
7	7.3	7.2	7.2	7.5	12	14	16	21	16	17	11	10
8	7.2	7.6	7.2	7.5	12	14	16	21	16	17	11	10
9	7.2	8	7.2	7.5	12	14	16	21	16	17	11	10
10	7.1	8.2	7.2	7.6	11	14	16	21	16	17	11	9.6
11	6.9	8.4	7.2	7.6	13	14	17	21	16	16	11	9.4
12	6.9	8.2	7.2	8	13	14	17	21	16	15	11	10
13	6.9	8	7.2	7.7	13	14	17	22	16	14	11	9.7
14	6.9	7.6	7.2	9.3	13	15	18	21	17	14	11	9.8
15	6.9	7	7.2	7.2	13	15	18	19	17	14	11	9.6
16	7	7.1	7.2	8.1	13	15	18	20	17	14	11	8.6
17	7.2	6.9	7.2	7.6	24	15	18	20	16	14	11	8.5
18	7.5	6.9	7.4	7.9	16	15	19	20	17	14	11	8.6
19	7.4	6.9	7.4	8	15	15	19	19	18	14	10	8.6
20	7.2	6.9	7.2	8.1	14	15	19	20	18	13	11	8.8
21	7.2	6.9	7.2	8.4	14	15	20	20	19	13	10	8.9
22	7.2	6.9	7.2	8.9	14	15	20	19	19	13	11	8.9
23	7.3	6.9	6.8	8.6	14	15	21	20	20	13	10	9
24	7.4	6.9	6.2	8.8	14	16	22	22	20	13	10	9.2
25	7.4	6.9	6.8	9	13	16	20	22	18	13	10	9.2
26	7.5	6.9	6.6	8.9	12	17	21	22	17	13	10	9.3
27	7.6	6.9	6.2	9	12	20	21	21	16	13	9	9.3
28	7.6	6.9	6.8	9	12	20	20	21	16	13	10	9.4
29	8	---	6.9	10	12	19	20	21	16	12	9	9.6
30	8.1	---	7.2	12	13	19	20	22	16	11	8	9.6
31	8	---	7.4	---	14	---	20	21	---	11	---	9.7
S.F.	228.6	205.1	219.3	246.9	413	459	569	636	521	454	314	297.9
Mean	7	7	7	7	13	15	18	21	17	15	10	10
Max.	8.1	8.4	7.5	12	24	20	22	22	20	18	11	12
Min.	6.9	6.9	6.2	7.2	11	14	16	19	16	11	8	8.5
A.F.	450	410	430	490	820	910	1130	1260	1030	900	620	590
Total 12 Months	- 9040 A.F.											



NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF TUB SPRINGS NEAR SCOTTSBLUFF  
SW1/4SW1/4 Sec. 33-23-56 W.  
Period of Record: October 1948 - December 1983

EXTREMES FOR CURRENT YEAR--Peak discharges above base of 130 cfs, and maximum (\*):

DATE		DISCH (CFS)		GHT (FT)		DATE		DISCH (CFS)		GHT (FT)		
May 17 0745		187		1.96		June 25 2330		*288		2.42		
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	32	28	29	32	31	73	67	42	46	67	47	44
2	32	28	29	28	25	80	68	36	47	66	47	44
3	32	28	29	29	24	80	67	39	48	65	48	44
4	32	28	30	28	23	80	67	43	55	65	47	44
5	32	28	30	27	23	81	48	42	56	64	40	44
6	32	28	29	25	22	81	32	44	61	64	40	43
7	32	28	28	25	22	82	35	42	64	64	42	43
8	31	28	26	23	22	85	35	39	59	64	46	44
9	31	28	26	22	22	89	39	39	49	65	44	44
10	31	27	25	22	31	90	33	32	34	64	44	44
11	31	27	25	22	66	90	32	29	42	61	44	44
12	31	27	25	22	72	92	29	32	50	60	44	44
13	31	27	25	23	76	98	34	36	46	59	46	44
14	29	27	28	23	81	98	36	36	49	59	43	44
15	29	28	28	22	81	87	36	36	47	58	43	44
16	31	28	28	22	85	89	34	41	47	56	43	43
17	30	29	28	22	122	87	33	44	46	56	44	43
18	30	29	27	22	83	89	35	46	46	55	44	43
19	30	29	27	22	86	87	36	46	55	55	43	43
20	30	29	27	23	86	83	36	55	59	54	43	43
21	30	29	26	24	83	82	36	59	59	54	43	43
22	30	29	26	26	86	78	42	56	58	54	43	43
23	30	29	25	25	89	71	42	53	59	53	43	43
24	30	29	24	24	91	64	55	49	59	52	42	43
25	30	29	26	23	92	63	54	47	59	52	44	44
26	30	29	26	24	92	65	53	44	56	50	43	44
27	29	29	26	24	94	71	50	44	81	49	42	44
28	29	29	26	24	90	80	47	43	94	48	42	44
29	29	---	26	25	90	77	46	41	96	48	42	44
30	29	---	28	27	90	55	46	41	100	48	42	45
31	28	---	32	---	94	---	46	43	---	48	---	45
S. F.	943	791	840	730	2074	2437	1349	1319	1727	1777	1308	1355
Mean	30	28	27	24	67	81	44	43	58	57	44	44
Max.	32	29	32	32	122	98	68	59	100	67	48	45
Min.	28	27	24	22	22	63	29	29	34	48	40	43
A. F.	1870	1570	1670	1450	4110	4830	2680	2620	3430	3520	2590	2690
Total 12 Months -	33030 A. F.											

DAILY DIVERSIONS OF CANALS--1983  
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 1918 - September 1983

DAILY DIVERSIONS OF CANALS--1983  
GERING CANAL from North Platte River--Measured through rating flume--NE1/4SE1/4 Sec. 29-22-55 W. near Gering  
Period of Record: May 1916 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	6	13	20	23
2	0	13	16	19	24
3	0	12	14	13	23
4	0	12	20	17	24
5	0	13	13	19	24
6	0	12	17	19	23
7	0	12	17	19	24
8	0	14	25	19	25
9	0	21	26	19	25
10	8	18	30	18	26
11	15	17	30	18	23
12	15	17	30	16	21
13	16	17	32	16	23
14	16	17	32	16	19
15	16	17	30	16	15
16	16	16	28	17	20
17	10	16	25	17	22
18	8	16	26	17	20
19	8	16	32	18	21
20	7	12	34	22	22
21	7	10	29	20	21
22	7	13	25	17	26
23	8	18	25	18	26
24	7	18	24	17	20
25	7	18	17	16	4
26	11	18	18	18	0
27	10	18	19	19	0
28	10	8	21	20	0
29	9	11	21	22	0
30	7	13	18	22	0
31	8	---	16	21	---
S. F.	226	439	723	565	544
Mean	7	15	23	18	18
Max.	16	21	34	22	26
Min.	0	6	13	13	0
A. F.	450	870	1430	1120	1080
Total 5 months -	4950 A. F.				
Acreeage reported	D-952-5745				

Date	May	June	July	Aug.	Sept.
1	0	120	148	203	201
2	0	122	163	206	200
3	0	115	153	206	207
4	0	131	155	217	215
5	0	132	153	219	203
6	0	128	182	215	209
7	0	131	190	212	209
8	0	128	176	211	179
9	0	135	215	212	176
10	0	132	212	211	184
11	0	127	215	211	188
12	0	128	204	207	184
13	0	124	209	209	179
14	0	120	221	211	174
15	0	119	207	207	176
16	0	121	223	219	173
17	0	124	217	211	174
18	0	114	209	209	173
19	0	104	212	215	173
20	0	117	221	217	174
21	0	133	214	217	172
22	0	127	222	226	174
23	0	133	230	228	160
24	0	148	230	219	158
25	0	153	209	223	148
26	0	157	217	226	146
27	0	152	214	222	145
28	0	154	211	223	140
29	0	154	212	217	131
30	0	149	209	209	108
31	0	---	209	209	---
S. F.	0	3932	6262	6647	5233
Mean	0	131	202	214	174
Max.	0	157	230	228	215
Min.	0	104	148	203	108
A. F.	0	7800	12420	13180	10380
Total 5 months -	43780 A. F.				
Acreeage reported	A-365R-12270				

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 CENTRAL CANAL from North Platte River--Measured through  
 rating flume--NW1/4NW1/4 Sec. 36-22-55 W. near Gering  
 Period of Record: May 1919 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	20	32	24	11
2	0	0	20	32	23	3
3	0	13	20	29	23	0
4	0	14	20	29	23	0
5	0	15	20	30	23	0
6	0	15	20	30	22	0
7	0	15	20	31	22	0
8	0	15	24	31	22	0
9	0	15	25	31	22	0
10	0	15	28	31	21	0
11	0	15	29	31	20	0
12	0	19	30	29	20	0
13	0	19	31	29	20	0
14	0	18	31	29	20	0
15	0	18	32	29	19	0
16	0	18	32	29	19	0
17	0	18	32	29	19	0
18	0	19	33	29	19	0
19	0	18	33	26	19	0
20	0	18	33	26	19	0
21	0	19	33	26	19	0
22	0	19	33	26	19	0
23	0	19	33	25	22	0
24	0	20	32	24	16	0
25	0	20	32	24	7	0
26	0	21	30	23	17	0
27	0	22	30	23	15	0
28	0	20	30	24	15	0
29	0	20	31	24	17	0
30	0	20	31	24	17	0
31	0	---	32	24	---	0
S. F.	0	497	880	859	578	14
Mean	0	17	28	28	19	0
Max.	0	22	33	32	24	11
Min.	0	0	20	23	7	0
A. F.	0	990	1750	1700	1150	30
Total 6 months - 5620 A.F.						
Acreage reported D-926-1984						

DAILY DIVERSIONS OF CANALS--1983

CENTRAL CANAL  
 Summary in Acre-feet--1983

	May	June	July	Aug.	Sept.	Total
Diverted:						
Natural.....	0	990	1750	1700	1150	5620
Storage.....	0	0	0	0	0	0
Total.....	0	990	1750	1700	1150	5620

Total water diverted 5620 A.F.  
 No storage ordered for 1983

DISCHARGE IN SECOND-FEET OF WINTERS CREEK NEAR SCOTTSBLUFF  
 NW1/4SE1/4 Sec. 30-22-54 W.  
 Period of Record: October 1931 - December 1983

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar 1983, 206 Cubic Feet  
 per Second at 0830 hours on May 17, 1983 at a Gage Height of 3.44. No peak  
 above 210 Cubic Feet per Second base peak. Minimum Daily Discharge, 21 Cubic  
 Feet per Second on July 10, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	44	49	43	42	43	48	68	47	70	81	60	50
2	43	48	43	42	42	47	64	45	74	76	60	51
3	43	48	44	42	48	47	63	40	82	74	60	52
4	42	48	46	41	45	44	60	40	91	74	60	52
5	42	48	47	41	45	44	56	42	87	74	60	52
6	42	47	47	41	45	43	49	42	85	74	60	52
7	42	47	47	41	45	42	43	48	85	75	60	51
8	42	47	47	41	44	43	36	47	85	75	60	50
9	43	45	47	41	44	45	26	46	82	76	60	49
10	43	45	46	41	44	44	21	44	82	78	60	49
11	43	45	46	41	47	43	23	45	83	80	60	49
12	44	45	46	41	42	43	24	45	88	76	58	50
13	49	45	46	41	47	45	28	48	87	72	58	51
14	52	44	46	40	52	45	29	56	85	73	60	51
15	52	44	46	40	52	46	31	56	81	73	60	51
16	52	44	46	40	52	46	33	56	88	73	60	52
17	52	44	46	40	93	46	37	50	110	73	56	52
18	52	44	45	40	54	46	36	44	117	73	54	52
19	53	45	44	40	54	45	33	48	123	73	54	54
20	52	45	44	40	54	45	39	52	124	73	54	54
21	52	44	44	40	52	44	32	60	122	72	54	54
22	51	44	44	42	52	44	31	65	118	69	51	54
23	51	45	43	42	52	51	37	67	112	66	51	54
24	50	45	43	42	52	51	52	63	86	63	51	53
25	50	45	43	41	50	51	54	56	76	63	51	54
26	49	45	43	41	51	64	52	54	75	60	52	52
27	49	45	42	41	50	95	51	58	103	60	52	52
28	49	44	42	41	54	112	44	60	154	58	51	50
29	49	---	42	42	52	117	43	66	140	58	49	50
30	49	---	42	43	48	112	44	71	101	60	49	47
31	49	---	42	---	48	---	48	71	---	60	---	47
S. F.	1475	1274	1382	1231	1553	1638	1287	1632	2896	2185	1685	1591
Mean	48	46	45	41	50	55	42	53	97	70	56	51
Max.	53	49	47	43	93	117	68	71	154	81	60	54
Min.	42	44	42	40	42	42	21	40	70	58	49	47
A. F.	2930	2530	2740	2440	3080	3250	2550	3240	5740	4330	3340	3160
Total 12 Months - 39330 A.F.												

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	1	5	8
2	0	.8	2	5	9
3	0	1	2	3	8
4	0	1	2	3	9
5	0	1	2	4	8
6	0	1	4	4	7
7	0	1	5	4	6
8	0	1	6	4	7
9	0	1	5	4	8
10	0	1	4	4	9
11	0	1	5	4	9
12	0	1	5	4	8
13	0	1	5	4	8
14	0	1	5	4	8
15	0	.5	5	4	8
16	0	0	4	5	9
17	0	0	5	4	8
18	0	0	4	4	7
19	0	0	6	6	7
20	0	0	6	7	8
21	0	0	6	8	8
22	0	0	6	8	8
23	0	0	5	8	8
24	0	0	7	8	8
25	0	0	7	7	7
26	0	0	5	7	6
27	0	0	4	7	3
28	0	0	4	7	0
29	0	0	4	7	0
30	0	0	5	8	0
31	0	---	6	8	---
S. F.	0	13.3	142	170	207
Mean	0	0	5	5	7
Max.	0	1	7	8	9
Min.	0	0	1	3	0
A. F.	0	30	280	340	410
Total 5 months -			1060	A. F.	

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	6	14	48	46
2	0	9	14	43	46
3	0	10	13	48	45
4	0	14	14	45	45
5	0	12	15	46	42
6	0	12	24	49	37
7	0	10	24	49	31
8	0	13	29	45	26
9	0	13	37	40	32
10	0	13	40	44	37
11	0	12	41	46	39
12	0	10	46	43	37
13	0	10	47	46	28
14	0	11	47	49	28
15	0	12	51	45	30
16	0	12	51	41	55
17	0	12	51	40	41
18	0	10	51	43	39
19	0	10	46	45	38
20	0	10	40	49	37
21	0	10	48	54	36
22	0	10	52	48	30
23	0	11	55	47	15
24	0	10	49	43	26
25	0	10	47	38	31
26	0	20	48	40	31
27	1	8	51	44	8
28	3	2	50	46	0
29	2	9	52	44	0
30	3	9	53	42	0
31	4	---	54	44	---
S. F.	13	320	1254	1394	936
Mean	0	11	40	45	31
Max.	4	20	55	54	55
Min.	0	2	13	28	0
A. F.	30	630	2490	2760	1860
Total 5 months -			7770	A. F.	

DAILY DIVERSIONS OF CANALS--1983  
 MINATARE CANAL from North Platte River--Measured through  
 rating flume--NW1/4SE1/4 Sec. 32-22-54 W. near Scottsbluff  
 Period of Record: June 1919 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	36	35	102	78	49
2	0	37	36	102	79	45
3	0	36	37	102	80	39
4	0	34	37	104	78	38
5	0	34	38	105	75	38
6	0	34	37	101	72	36
7	0	25	37	101	70	33
8	0	24	49	102	70	27
9	0	23	64	105	65	26
10	0	23	69	106	60	18
11	0	25	83	103	55	12
12	0	28	113	98	53	11
13	0	26	109	98	54	11
14	19	21	110	98	58	10
15	27	21	111	84	61	3
16	28	21	112	84	62	2
17	32	22	115	84	58	0
18	28	23	115	84	57	0
19	11	22	113	84	55	0
20	0	21	111	83	50	0
21	0	24	107	82	40	0
22	0	25	105	82	41	0
23	16	26	111	84	42	0
24	32	32	103	82	37	0
25	33	38	102	80	28	0
26	30	56	107	79	51	0
27	30	47	105	78	59	0
28	30	40	103	80	61	0
29	28	40	103	76	58	0
30	28	36	102	77	55	0
31	28	---	102	78	---	0
S. F.	400	900	2681	2808	1762	398
Mean	13	30	86	91	59	13
Max.	33	56	115	106	80	49
Min.	0	21	35	76	28	0
A. F.	790	1790	5320	5570	3490	790
Total 6 months -			17750	A. F.		
Acreage reported D-919-9212						

DAILY DIVERSIONS OF CANALS--1983

WINTERS CREEK DIVERSIONS  
 Summary in Acre-feet--1983

	May	June	July	Aug.	Sept.	Totals
Diverted from:						
North Platte River.....	450	870	1430	1120	1080	4950
Winters Creek.....	30	630	2490	2760	1860	7770
Totals.....	480	1500	3920	3880	2940	12720
Total water diverted						12720 A. F.
Acreage reported D-952-5745						

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 CASTLE ROCK-STEAMBOAT CANAL from North Platte River--Measured  
 through rating flume--NW1/4SW1/4 Sec. 13-21-54 W. near Melbeta

Period of Record:  
 July 1916 - August 1916 July 1918 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	50	64	104	77	68
2	0	53	71	104	75	66
3	0	53	72	100	69	64
4	0	50	75	91	72	63
5	0	50	80	86	73	61
6	0	53	82	84	72	60
7	0	54	79	83	70	59
8	0	53	91	84	76	58
9	0	56	90	90	82	57
10	0	58	91	104	83	56
11	29	58	104	106	83	33
12	37	60	106	103	83	0
13	26	60	105	103	78	0
14	25	53	105	101	61	0
15	26	46	105	98	62	0
16	33	45	105	99	63	0
17	44	45	105	99	62	0
18	26	47	104	96	62	0
19	26	47	105	90	62	0
20	19	46	104	90	62	0
21	20	48	103	94	49	0
22	20	48	103	86	67	0
23	28	52	103	82	85	0
24	47	61	103	90	76	0
25	53	67	100	80	60	0
26	31	68	98	71	57	0
27	33	62	99	72	58	0
28	28	59	100	73	66	0
29	26	60	101	75	67	0
30	27	59	103	76	68	0
31	41	--	104	77	--	0
S.F.	645	1521	2960	2791	2080	645
Mean	21	54	95	90	69	21
Max.	53	68	106	106	85	68
Min.	0	45	64	71	49	0
A.F.	1280	3220	5870	5540	4130	1280
Total 6 months	- 21320 A.F.					
Acreage reported	D-921-5951 A-186R-471					
A-350R-49	Total-6471					

DISCHARGE IN SECOND- FEET OF MELBETA DRAIN  
 NEAR MELBETA--SE1/4SW1/4 Sec. 13-21-54 W.  
 Period of Record: January 1922 - September 1983

Date	May	June	July	Aug.	Sept.
1	1	2	14	24	14
2	1	2	9	16	23
3	1	2	10	20	20
4	1	2	12	20	26
5	1	2	15	20	32
6	2	2	4	19	32
7	3	2	12	20	33
8	2	2	6	21	18
9	1	2	11	17	23
10	1	2	10	14	23
11	21	2	8	7	28
12	2	2	10	14	34
13	2	2	13	10	24
14	2	2	13	12	23
15	2	2	13	14	23
16	2	6	10	14	17
17	5	5	10	14	21
18	7	2	10	12	21
19	1	5	10	12	22
20	1	12	10	14	24
21	2	14	16	20	20
22	1	5	13	27	16
23	1	13	14	62	12
24	1	13	20	37	15
25	1	7	29	36	14
26	1	10	13	31	12
27	1	14	18	29	12
28	1	7	13	29	27
29	1	12	16	29	11
30	2	7	20	24	16
31	2	--	22	22	--
S.F.	73	162	404	660	636
Mean	2	5	13	21	21
Max.	21	14	29	62	34
Min.	1	2	4	7	11
A.F.	140	320	800	1310	1260
Total 5 Months	- 3830 A.F.				

DAILY DIVERSIONS OF CANALS--1983  
 NINE MILE CANAL from North Platte River--Measured through  
 rating flume--NE1/4SW1/4 Sec. 16-21-53 W. near Minatare

Period of Record:  
 June 1918 - September 1919 June 1921 - September 1983

Date	Apr.	May	June	July	Aug.	Sept.
1	0	50	42	62	61	50
2	0	49	42	61	54	47
3	0	45	41	61	54	49
4	0	49	40	61	49	53
5	0	50	40	68	54	53
6	0	52	43	68	58	50
7	0	50	47	51	53	49
8	0	50	47	50	58	48
9	0	52	46	52	68	45
10	0	51	45	46	60	43
11	0	53	43	43	50	43
12	0	66	42	44	40	44
13	0	73	41	44	36	41
14	0	73	39	43	40	38
15	0	72	40	43	40	37
16	0	53	40	44	41	39
17	0	71	40	45	42	40
18	0	65	46	42	47	40
19	0	54	51	42	49	40
20	0	48	50	40	50	40
21	0	47	53	39	57	32
22	0	46	51	39	53	31
23	0	46	56	52	51	32
24	0	49	54	63	52	31
25	0	50	54	76	52	21
26	0	47	54	85	52	0
27	0	45	64	70	51	0
28	34	44	63	58	51	0
29	58	44	63	57	47	0
30	52	42	63	57	47	0
31	--	42	--	57	50	--
S.F.	144	1628	1440	1663	1567	1036
Mean	5	53	48	54	51	35
Max.	58	73	64	85	68	53
Min.	0	42	39	39	36	0
A.F.	290	3230	2860	3300	3110	2050
Total 6 months	- 14840 A.F.					
Acreage reported	D-925(A-1431 O.D.)-6078					
P-262 fr Red Willow Cr-72	Total-6150					

## NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF NINE MILE DRAIN NEAR MCGREW  
SE1/4SE1/4 Sec. 23-21-53 W.

Period of Record: January 1932 - December 1983

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1983, 462 Cubic Feet  
per Second at 0715 hours on May 17, 1983 at a Gage Height of 3.39 Feet.  
Minimum Daily Discharge, 70 Cubic Feet per Second on March 3, April 21, 1983

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	85	78	73	74	115	158	181	216	225	133	119	99
2	85	77	72	74	114	200	149	202	230	128	119	99
3	85	77	74	75	108	224	145	196	230	124	119	99
4	85	77	74	73	111	227	140	192	241	120	118	100
5	85	77	81	72	124	224	134	193	260	118	118	101
6	87	77	77	73	161	230	133	190	264	113	117	101
7	88	77	76	72	161	236	130	181	262	109	117	101
8	85	76	76	72	161	232	130	190	257	111	118	101
9	85	76	76	70	161	227	135	184	241	109	117	100
10	85	76	76	69	141	216	128	182	211	109	115	100
11	85	76	76	70	145	220	138	174	219	134	115	96
12	85	76	76	70	149	227	128	172	224	154	114	91
13	85	75	76	69	161	235	130	174	222	149	115	93
14	83	75	76	69	152	218	138	184	222	145	120	95
15	84	75	75	70	148	182	140	181	220	142	117	96
16	83	75	76	70	156	184	144	170	220	138	117	97
17	83	74	77	69	308	188	151	166	225	137	114	99
18	83	74	79	69	225	194	149	165	220	137	111	98
19	83	73	79	70	200	190	145	176	222	133	108	98
20	83	73	77	69	184	182	138	206	227	131	104	96
21	82	73	78	70	181	188	135	238	227	131	101	84
22	82	73	78	73	178	187	149	244	216	130	101	88
23	82	73	78	72	180	182	165	326	202	130	100	96
24	82	73	77	72	212	188	193	320	190	128	100	96
25	82	73	82	72	218	192	208	284	180	127	99	99
26	79	73	77	72	205	204	193	264	172	126	97	100
27	79	73	78	73	202	230	194	237	170	124	99	100
28	79	73	78	84	199	240	198	214	169	122	99	98
29	78	---	77	108	192	235	220	224	170	122	99	94
30	78	---	77	111	160	227	219	206	140	120	99	101
31	78	---	76	---	152	---	219	212	---	120	---	101
S.F.	2573	2098	2374	2226	5264	6267	4899	6463	6507	3954	3306	3017
Mean	83	75	77	74	170	209	158	208	217	128	110	97
Max.	88	78	82	111	308	240	220	326	264	154	120	101
Min.	78	73	70	69	108	158	128	165	140	109	97	84
A.F.	5100	4160	4710	4420	10440	12430	9720	12820	12910	7840	6560	5980
Total 12 Months	- 97090 A.F.											

DAILY DIVERSIONS OF CANALS--1983  
SHORT LINE CANAL from North Platte River--Measured through  
rating flume--NW1/4SE1/4 Sec. 25-21-53 W. near McGrew  
Period of Record:  
June 1916 - July 1916 June 1920 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	11	12	13	17	3
2	0	11	12	14	16	0
3	0	14	12	13	16	0
4	0	17	12	16	16	0
5	0	17	13	19	16	0
6	0	15	13	17	16	0
7	0	15	12	16	16	0
8	0	15	13	16	16	0
9	0	17	19	16	16	0
10	0	16	28	16	16	0
11	0	12	30	17	16	0
12	0	12	28	19	16	0
13	0	12	28	20	16	0
14	0	11	25	20	17	0
15	0	11	25	22	18	0
16	0	12	28	26	21	0
17	0	12	27	28	19	0
18	0	12	27	23	19	0
19	0	12	28	23	19	0
20	0	12	24	24	20	0
21	0	12	24	25	21	0
22	0	11	31	23	23	0
23	0	11	31	30	18	0
24	0	12	33	26	12	0
25	5	12	31	25	14	0
26	15	12	23	21	10	0
27	14	13	13	19	6	0
28	10	13	14	18	4	0
29	11	13	13	17	9	0
30	11	13	13	16	12	0
31	11	---	13	17	---	0
S.F.	77	388	655	615	471	3
Mean	2	13	21	20	16	0
Max.	15	17	33	30	23	3
Min.	0	11	12	13	4	0
A.F.	150	770	1300	1220	930	10
Total 6 months	- 4380 A.F.					
Acreeage reported	D-946-2752					

DAILY DIVERSIONS OF CANALS--1983  
CHIMNEY ROCK CANAL from North Platte River--Measured  
through rating flume--SE1/4NE1/4 Sec. 1-20-53 W. near Bayard  
Period of Record: June 1916 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	16	41	80	81	55
2	0	15	47	78	78	44
3	0	18	50	75	78	27
4	0	21	48	75	68	22
5	21	21	50	79	67	18
6	21	21	52	75	64	9
7	21	21	52	70	60	0
8	21	20	57	72	66	0
9	21	19	67	75	72	0
10	21	19	71	78	63	0
11	21	19	73	78	47	0
12	21	18	77	75	42	0
13	20	18	79	74	51	0
14	20	17	80	76	56	0
15	20	16	87	75	52	0
16	20	16	89	75	51	0
17	20	16	90	75	47	0
18	15	16	89	75	43	0
19	15	17	89	77	43	0
20	15	18	91	80	42	0
21	16	19	91	87	34	0
22	15	25	94	69	34	0
23	21	27	96	36	41	0
24	25	32	98	48	41	0
25	24	32	97	47	9	0
26	21	32	93	46	26	0
27	19	29	87	45	47	0
28	17	23	86	45	50	0
29	17	32	87	53	54	0
30	16	40	83	62	55	0
31	16	---	81	81	---	175
S.F.	520	653	2372	2136	1532	6
Mean	17	22	77	69	52	6
Max.	25	40	98	87	81	55
Min.	0	15	41	36	9	0
A.F.	1030	1300	4700	4240	3080	350
Total 6 months	- 14700 A.F.					
Acreeage reported	D-844, 1031-5222, A-2190-47, Total-5269					



NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 ALLIANCE CANAL from Bayard Sugar Factory Drain--Measured  
 through Parshall flume--SW1/4SW1/4 Sec. 4-20-52 W. near Bayard  
 Period of Record:  
 June 1924 - August 1926 May 1928 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	23	21	16	29
2	0	23	22	8	28
3	6	25	22	6	28
4	17	28	23	6	25
5	22	30	26	6	27
6	23	31	24	6	26
7	24	32	22	6	28
8	24	32	21	6	25
9	24	32	21	6	23
10	19	31	20	11	22
11	23	31	24	14	24
12	25	29	25	15	24
13	27	30	26	18	28
14	23	28	25	13	29
15	22	28	28	6	31
16	25	32	28	7	33
17	35	39	28	9	35
18	2	32	29	13	35
19	0	31	31	13	19
20	0	31	29	16	5
21	0	31	18	15	4
22	0	31	10	18	3
23	9	17	15	12	3
24	15	0	18	5	3
25	18	0	19	9	3
26	22	21	14	9	4
27	21	39	9	17	3
28	19	38	19	25	2
29	19	22	31	27	0
30	19	15	32	28	0
31	21	---	31	27	---
S.F.	504	812	712	393	549
Mean	16	27	23	13	18
Max.	35	39	32	28	35
Min.	0	0	9	5	0
A.F.	1000	1610	1410	780	1090
Total 5 months -	5890 A.F.				
Acreage reported D-8741035 (A-1776 O.D.)-	2121				

DISCHARGE IN SECOND-FEET OF RED WILLOW CREEK NEAR BAYARD

NE1/4NE1/4 Sec. 13-20-52 W.  
 Period of Record: October 1931 - December 1983  
 EXTREMES FOR CURRENT YEAR:--Peak discharges above base of 320 cfs, and  
 maximum (\*): DISCH CHT DISCH CHT  
 DATE TIME (CFS) (FT) DATE TIME (CFS) (FT)  
 Apr 29 1715 378 3.35 May 13 0030 327 3.24  
 May 17 0700 \*745 5.08 May 31 1800 324 3.10  
 Jun 10 1815 377 3.63 Jun 16 1845 439 3.99  
 Aug 22 2115 467 3.82 Sep 7 0930 325 2.98  
 Minimum daily discharge, 53 cubic feet per second, March 22, 23, April 15-21  
 26, 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	76	62	57	57	79	261	200	126	192	134	93	79
2	76	62	57	57	69	275	204	118	190	134	93	79
3	74	61	57	59	65	280	202	99	209	135	90	79
4	74	61	59	57	74	279	194	97	260	135	90	79
5	73	59	68	57	173	269	157	106	303	134	90	79
6	73	59	64	57	206	274	175	113	309	134	90	79
7	72	59	62	57	194	279	148	112	319	129	90	78
8	71	60	61	57	191	275	138	103	303	121	90	78
9	70	61	60	57	176	256	117	101	272	125	90	79
10	70	61	60	57	180	254	106	101	212	132	90	79
11	70	61	59	57	210	239	113	101	222	124	89	79
12	68	62	57	57	266	235	106	100	252	113	88	79
13	68	62	57	57	262	253	101	103	261	110	88	79
14	65	61	56	55	176	235	100	109	268	110	85	79
15	65	61	55	53	151	229	96	106	258	109	85	79
16	65	61	55	53	179	268	93	104	249	106	84	79
17	65	60	55	53	440	258	96	107	246	106	82	79
18	65	60	55	53	269	264	97	121	247	106	82	81
19	65	57	55	53	215	263	106	129	252	104	81	81
20	65	57	55	53	194	258	106	151	253	104	81	81
21	65	57	55	53	192	253	99	182	260	104	78	82
22	65	57	53	56	180	232	96	228	249	104	81	82
23	65	57	53	55	180	203	97	311	227	104	81	84
24	65	57	55	55	206	184	122	301	167	101	81	84
25	64	57	56	55	179	173	118	269	164	101	81	84
26	64	57	56	53	147	182	145	239	190	101	79	85
27	64	57	57	55	140	196	185	230	169	99	81	85
28	64	57	59	55	121	236	159	230	163	96	79	85
29	64	---	60	110	107	247	121	226	164	96	79	85
30	62	---	61	96	175	226	121	216	135	96	79	70
31	62	---	60	---	245	---	126	198	---	96	---	79
S.F.	2094	1663	1789	1759	5641	7336	4044	4837	6965	3503	2550	2489
Mean	68	59	58	59	182	245	130	156	232	113	85	80
Max.	76	62	68	110	440	280	204	311	319	135	93	85
Min.	62	57	53	53	65	173	93	97	135	96	78	70
A.F.	4150	3300	3550	3490	11190	14550	8020	9590	13810	6950	5060	4940
Total 12 Months -	88600 A.F.											

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 ALLIANCE CANAL from Red Willow Creek--Measured through  
 rating flume--NW1/4SW1/4 Sec. 6-20-51 W. near Bayard  
 Period of Record:  
 June 1918 - September 1926, May 1928 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	5	32	59	59	21
2	0	10	40	57	59	21
3	0	10	32	56	57	22
4	0	10	38	60	52	21
5	0	8	38	60	51	21
6	0	6	43	54	50	21
7	0	7	39	54	51	20
8	0	6	52	53	47	25
9	0	19	45	53	44	12
10	0	13	55	53	42	0
11	0	0	62	53	54	0
12	0	0	62	52	46	0
13	0	16	58	55	52	0
14	0	12	60	53	42	0
15	0	26	56	53	41	0
16	0	24	54	46	46	0
17	0	18	51	54	45	0
18	0	37	51	58	44	0
19	0	27	53	57	41	0
20	0	25	51	57	30	0
21	0	22	52	55	40	0
22	0	26	53	43	42	0
23	0	21	53	0	38	0
24	0	18	52	0	36	0
25	0	26	50	27	44	0
26	0	23	34	46	40	0
27	0	22	0	47	28	0
28	0	17	21	49	33	0
29	0	22	63	50	26	0
30	0	20	62	55	25	0
31	5	61	55	---	---	0
S. F.	5	496	1473	1522	1305	184
Mean	0	17	48	49	44	6
Max.	5	37	63	60	59	25
Min.	0	0	0	0	25	0
A.F.	10	980	2920	3020	2590	360
Total 6 months	= 9880 A.F.					
Acreeage reported	D-874,1035(A-1429 O.D.)-4022, A-1436-17, Total-4039					

DAILY DIVERSIONS OF CANALS--1983

ALLIANCE IRRIGATION DISTRICT  
 Summary in Acre-feet--1983

	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:							
Bayard Drain.....	1000	1610	1410	780	1090	0	5890
Red Willow Creek..	10	980	2920	3020	2590	360	9880
Total.....	1010	2590	4330	3800	3680	360	15770
Total water diverted	15770 A.F.						

DAILY DIVERSIONS OF CANALS--1983  
 NORTHPORT CANAL from North Platte River  
 Measured through section of Tri-State Canal  
 SW1/4SW1/4 Sec. 14-21-51 W. near Bayard  
 Period of Record:  
 June 1920 - September 1920, May 1922 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	150	125	199	169
2	0	188	123	186	167
3	0	174	121	187	151
4	0	154	132	195	135
5	0	145	199	194	136
6	0	148	195	190	144
7	0	150	234	190	131
8	0	155	178	177	95
9	0	155	225	179	71
10	0	148	204	182	78
11	0	148	223	189	75
12	0	143	238	177	67
13	42	134	240	186	68
14	119	153	219	198	72
15	119	156	224	199	65
16	119	154	223	186	79
17	135	157	230	179	62
18	148	163	220	183	49
19	125	164	224	191	44
20	142	155	228	192	47
21	152	143	236	183	41
22	142	135	222	188	0
23	142	137	210	157	0
24	141	143	209	170	0
25	117	137	212	180	0
26	93	127	206	177	88
27	99	141	206	161	151
28	124	147	211	178	90
29	168	117	211	177	0
30	214	110	203	162	0
31	148	---	204	154	---
S.F.	2489	4431	6335	5646	2275
Mean	80	148	204	182	76
Max.	214	188	240	199	169
Min.	0	110	121	154	0
A.F.	4940	8790	12570	11200	4510
Total 5 months	= 42010 A.F.				
Acreeage reported	A-768-16137				

DAILY DIVERSIONS OF CANALS--1983

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT

Summary in Acre-feet--1983

Section Township Range	May	June	July	Aug.	Sept.	Total
	Diverted from:					
North Platte River...10-23-58	4940	8790	12570	11200	4510	42010
*Sheep Cree..... 17-23-57	0	400	4000	5740	5040	15180
*Akers Draw..... 12-23-57	330	540	840	870	690	3270
*Tub Springs..... 27-33-55	0	0	2160	2520	2310	6990
*Dry Spottedtail Cr. 9-23-56	0	0	1010	1660	1580	4250
*Wet Spottedtail Cr. 10-23-56	510	780	820	1400	1740	5250
*Moffat Drain..... 25-22-53	0	0	0	0	0	0
Totals.....	5780	10510	21400	23390	15870	76950

Total water diverted 76950 A.F.  
 Acreeage reported A-768-16137  
 Pathfinder storage included

\*The water from drains was originally diverted at Whalen from the North Platte River and carried through the Interstate Canal for lands within the Pathfinder Irrigation District. The residue of the Whalen diversion after it has been used on the Pathfinder District lands together with surface runoff is intercepted by the Tri-State Canal and conveyed for re-use on Northport Irrigation District's lands. United States v Tilley, State Engineer of Nebraska, et al, No. 11587, United States Circuit Court of Appeals, Eighth Circuit, December 23, 1941.



NORTH PLATTE RIVER BASIN

DAILY DIVERSION OF CANALS--1983  
 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 1983

Date	April	May	June	July	Aug.	Sept.	Oct.
1	0	44	72	105	159	144	102
2	0	42	72	117	159	145	95
3	0	30	71	120	159	145	92
4	0	24	75	124	155	147	36
5	0	23	72	126	152	147	0
6	0	20	71	124	148	139	0
7	0	18	75	131	148	135	0
8	0	28	82	147	148	134	0
9	0	35	85	148	149	134	0
10	0	33	93	145	153	133	0
11	0	29	98	131	152	123	0
12	0	25	98	147	151	121	0
13	0	24	99	152	148	129	0
14	0	23	102	152	148	133	0
15	0	30	105	153	148	130	0
16	0	36	102	155	152	125	0
17	0	39	102	155	159	124	0
18	0	61	102	147	157	126	0
19	0	96	102	153	155	129	0
20	0	80	101	164	155	111	0
21	0	80	100	168	152	93	0
22	0	80	98	166	140	99	0
23	15	80	108	160	135	102	0
24	30	75	119	159	135	93	0
25	49	74	117	168	135	88	0
26	49	74	111	164	134	89	0
27	44	74	109	160	135	97	0
28	40	73	111	159	136	96	0
29	36	73	108	159	139	102	0
30	39	72	101	159	140	102	0
31	---	---	---	159	142	---	0
S. F.	302	1567	2861	4577	4578	3615	325
Mean	10	51	95	148	148	121	11
Max.	49	96	119	168	159	147	102
Min.	0	18	1	105	134	88	0
A. F.	600	3110	5670	9080	9080	7170	640
Total 7 months -	35350 A.F.						
Acreeage reported D-828-8866							

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	14	15	12	23
2	0	0	16	15	12	23
3	0	19	15	15	11	14
4	0	20	14	15	11	4
5	0	20	18	14	11	0
6	0	22	17	14	20	0
7	0	24	16	14	24	0
8	0	22	18	14	24	0
9	0	20	18	14	23	0
10	0	20	18	14	24	0
11	0	21	18	14	28	0
12	0	21	19	14	25	0
13	0	21	19	14	14	0
14	0	16	19	14	11	0
15	0	12	20	13	10	0
16	0	12	20	13	10	0
17	0	12	20	14	10	0
18	0	13	20	14	9	0
19	0	13	20	14	9	0
20	0	13	27	14	8	0
21	0	13	17	14	6	0
22	0	12	16	11	7	0
23	0	14	16	8	14	0
24	0	15	15	8	23	0
25	0	15	16	9	22	0
26	0	14	16	9	22	0
27	0	14	15	10	21	0
28	0	15	15	11	24	0
29	0	14	15	11	20	0
30	0	13	15	11	22	0
31	0	---	15	11	---	0
S. F.	0	460	537	395	487	64
Mean	0	15	17	13	16	2
Max.	0	24	27	15	28	23
Min.	0	0	14	8	6	0
A. F.	0	910	1070	780	970	130
Total 6 Months	3860 A.F.					
Acreeage Reported D-858-2116, A-866-75,						
Total-2191						

DISCHARGE IN SECOND- FEET OF INDIAN CREEK  
 NEAR NORTHPORT--NE1/4SE1/4 Sec. 19-20-50 W.  
 Period of Record: September 1922 - September 1983

Date	May	June	July	Aug.	Sept.
1	7	24	25	16	40
2	4	15	24	50	47
3	4	15	23	49	48
4	4	16	24	49	50
5	4	16	25	58	52
6	4	11	43	48	54
7	4	11	32	38	47
8	4	11	32	32	45
9	4	7	24	20	35
10	4	26	16	16	27
11	6	28	15	44	32
12	4	29	7	38	36
13	4	18	3	37	36
14	4	18	2	46	36
15	4	19	21	56	36
16	4	26	25	31	31
17	116	23	29	19	38
18	30	27	29	23	46
19	13	31	40	23	48
20	10	41	18	40	47
21	8	31	10	58	48
22	6	25	10	56	47
23	6	31	27	64	41
24	5	19	44	46	42
25	5	30	47	45	46
26	6	40	42	66	49
27	7	32	49	60	41
28	15	41	57	54	49
29	23	31	57	51	40
30	23	26	39	34	22
31	23	---	21	32	---
S. F.	365	718	860	1299	1256
Mean	12	24	28	42	42
Max.	116	41	57	66	54
Min.	4	7	2	16	22
A. F.	720	1420	1710	2580	2490
Total 5 Months -	8920 A. F.				

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND- FEET OF UPPER DUGOUT CREEK NEAR BRIDGEPORT  
SE1/4SE1/4 Sec. 20-20-50 W. Period of Record: October 1931 - December 1983

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1983, 502 Cubic Feet per Second at 1730 hours on June 12, 1983 at a Gage Height of 3.23 Feet. Minimum Daily Discharge, 0.90 Cubic Feet per Second on March 14, 15, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	3.8	1.4	1.6	7.5	32	25	24	21	10	8.5	6.6
2	4.7	3	1.4	1.4	5.3	65	25	11	23	10	8.5	7.2
3	4.4	2.8	1.4	1.8	4.7	89	21	5.6	27	10	8.5	7.9
4	5	2.4	1.6	2	4.4	50	16	16	31	10	8.5	8.5
5	4.7	2.3	8.4	2.3	3.2	38	54	31	42	9.8	8.2	8.5
6	5	2.3	5.3	2	3.2	42	53	34	38	9.1	8.2	8
7	4.7	2.4	4.1	1.6	3.2	42	32	34	57	9.1	8.2	7.4
8	5	2.4	2.3	1.6	2.6	38	25	34	56	8.8	7.9	7.4
9	5	2.5	1.6	1.4	2.6	38	16	35	46	8.8	7.4	7.4
10	5	2.5	1.4	1.6	2.6	29	12	24	43	8.5	7.1	7.4
11	5	2.6	1.2	1.6	3.8	24	17	8.2	48	8.5	7.1	7
12	5	2.6	1.1	2	4.4	55	17	6.6	42	8.5	7.1	6.5
13	5	2.6	1	2.9	4.1	23	16	14	43	8.2	6.8	6
14	5.3	2.9	.9	2.2	150	22	9.8	20	40	8.5	6.8	5.9
15	5.3	2.9	.9	2	174	30	3.7	20	40	8.8	6.6	5.8
16	5.3	2.9	1	2	81	26	2.9	21	45	8.5	6.6	5.8
17	5.3	2.9	1.1	1.8	131	27	8.1	23	44	8.5	6.3	5.8
18	5.3	2.3	1.1	1.8	98	29	16	23	42	9.1	6.3	5.6
19	5.3	2.3	1.1	2	85	38	20	16	46	8.8	6.3	5.6
20	5.3	2.3	1.8	2.3	66	38	22	10	61	8.8	6.3	5.6
21	5.7	1.8	1.8	1.8	71	30	15	10	67	8.8	6.3	5.6
22	5.7	1.8	3.5	2.3	92	13	18	23	54	9.4	6.3	5.6
23	5.1	1.8	4	1.4	56	13	22	36	41	9.1	6.3	5.6
24	4.1	1.8	4	1.6	29	14	16	54	47	9.4	6.3	5.6
25	4.1	1.6	9	1.4	28	14	13	58	56	9.1	6.3	5.6
26	4	1.6	6	1.8	27	14	23	70	54	8.5	6.3	5.6
27	3.8	1.6	2.9	2	27	16	29	70	43	8.5	6.8	5.6
28	3.8	1.4	2.9	2.6	35	20	34	58	29	8.8	7.1	5.4
29	3.8	---	2.9	16	48	25	37	45	24	8.8	7.1	5.4
30	3.8	---	2.3	9	69	21	38	34	13	8.2	6.6	5.4
31	3.8	---	2	---	31	---	38	25	---	8.5	---	5.4
S. F.	148.3	66.1	81.4	77.8	1350.	955	694.5	893.4	1263	277.4	212.6	196.7
Mean	5	2	3	3	44	32	22	29	42	9	8.5	6
Max.	5.7	3.8	9	16	174	89	54	70	67	10	8.5	8.5
Min.	3.8	1.4	---	1.4	2.6	13	2.9	5.6	13	8.2	6.3	5.4
A. F.	290	130	160	150	2680	1890	1380	1770	2510	550	420	390
Total 12 Months	- 12320 A. F.											

DAILY DIVERSIONS OF CANALS--1983  
BROWNS CREEK CANAL from North Platte River--Measured through Parshall flume--NW1/4SW1/4 Sec. 28-20-50 W. near Bridgeport  
Period of Record: May 1916 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	34	63	51	28
2	0	0	37	65	48	25
3	0	0	47	61	46	20
4	0	0	58	63	45	17
5	0	0	70	63	44	17
6	0	0	78	65	40	16
7	0	0	84	69	39	16
8	0	0	88	70	37	15
9	0	0	95	70	35	15
10	0	0	96	70	34	11
11	0	0	97	71	34	0
12	0	0	102	72	32	0
13	0	0	102	72	28	0
14	0	0	104	72	28	0
15	0	0	104	73	30	0
16	0	3	101	74	28	0
17	0	6	98	76	28	0
18	0	0	96	74	32	0
19	0	4	101	72	30	0
20	0	17	100	73	32	0
21	0	16	100	72	31	0
22	0	21	98	60	33	0
23	0	24	67	5	36	0
24	0	21	44	26	36	0
25	0	26	62	58	32	0
26	0	36	65	54	30	0
27	0	19	58	54	34	0
28	0	0	64	52	30	0
29	0	4	66	53	28	0
30	0	28	63	54	27	0
31	0	---	63	55	---	0
S. F.	0	225	2442	1931	1038	180
Mean	0	8	79	62	35	6
Max.	0	36	104	76	51	28
Min.	0	0	34	5	27	0
A. F.	0	450	4840	3830	2060	360
Total 6 months	- 11540 A. F.					
Acreage reported	D-8571033-6126					

DAILY DIVERSIONS OF CANALS--1983

BROWNS CREEK CANAL  
Summary in Acre-feet--1983

	May	June	July	Aug.	Sept.	Oct.	Total
Diverted:							
Natural.....	0	450	4840	3830	2060	360	11540
Storage.....	0	0	0	0	0	0	0
Total.....	0	450	4840	3830	2060	360	11540

Total water diverted 11540 A.F.  
No storage orders for 1983

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 COURT HOUSE ROCK CANAL from Pumpkin Creek--Measured through  
 rating flume--SE1/4SW1/4 Sec. 30-19-50 W. near Bridgeport  
 Period of Record:  
 May 1917 - August 1927, April 1930 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	5	5
2	0	0	0	5	5
3	0	0	0	5	5
4	0	0	0	5	5
5	0	0	0	5	5
6	0	0	0	5	5
7	0	0	0	5	4
8	0	0	0	5	4
9	0	0	0	5	4
10	0	0	0	5	4
11	0	0	0	5	4
12	0	0	0	5	4
13	0	0	0	5	4
14	0	0	0	5	4
15	0	0	0	5	4
16	0	0	0	5	5
17	0	0	0	5	5
18	0	0	0	5	5
19	0	0	0	5	3
20	0	0	0	5	0
21	0	0	0	5	0
22	0	0	0	6	0
23	0	0	1	6	0
24	0	0	1	5	0
25	0	0	1	5	0
26	0	0	1	5	0
27	0	0	4	5	0
28	0	0	5	5	0
29	0	0	5	5	0
30	0	0	5	5	0
31	0	---	5	5	---
S.F.	0	0	28	157	84
Mean	0	0	1	5	3
Max.	0	0	5	5	5
Min.	0	0	0	5	0
A.F.	0	0	60	310	170
Total 5 months -	540 A.F.				
Acreeage reported D-840, 1028-1382, A-851-0, A-2315-0, Total-1382					

DAILY DIVERSIONS OF CANALS--1983  
 LAST CHANCE CANAL from Pumpkin Creek--Measured through  
 rating flume--SE1/4NW1/4 Sec. 27-19-50 W. near Bridgeport  
 Period of Record: July 1921 - September 1921  
 July 1922 - August 1922 June 1931 - September 1983

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	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	2	0	0
16	0	0	2	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	---	0	0	---
S.F.	0	0	4	0	0
Mean	0	0	0	0	0
Max.	0	0	2	0	0
Min.	0	0	0	0	0
A.F.	0	0	10	0	0
Total 5 months -	10 A.F.				
Acreeage reported D-883-404					

DAILY DIVERSION OF CANALS--1983  
 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 1983

Date	April	May	June	July	Aug.	Sept.	Oct.
1	0	28	20	31	0	30	11
2	0	28	20	27	0	28	11
3	0	23	18	25	0	23	11
4	0	11	18	26	0	23	10
5	0	7	18	25	0	23	1
6	0	7	17	15	0	23	0
7	0	3	18	3	0	23	0
8	0	1	18	3	0	23	0
9	0	16	17	1	0	22	0
10	0	16	17	0	0	22	0
11	0	15	17	0	0	22	0
12	0	14	21	0	0	17	0
13	0	16	20	0	0	14	0
14	0	18	20	0	0	14	0
15	0	20	25	0	0	20	0
16	0	21	28	0	0	25	0
17	0	25	26	0	0	25	0
18	0	29	26	0	0	24	0
19	0	37	26	0	0	24	0
20	0	35	24	0	0	23	0
21	0	34	22	0	0	21	0
22	0	34	22	0	5	17	0
23	0	33	22	0	20	16	0
24	0	33	26	0	21	15	0
25	12	33	29	0	21	15	0
26	29	13	29	0	21	6	0
27	28	4	30	0	21	0	0
28	26	3	30	0	21	8	0
29	24	3	30	0	27	11	0
30	20	14	31	0	30	11	0
31	---	20	---	0	30	---	0
S.F.	138	594	685	156	217	568	44
Mean	5	19	23	5	7	19	1
Max.	28	37	31	31	30	30	11
Min.	0	1	17	0	0	0	0
A.F.	270	1180	1360	310	430	1130	90
Total 7 months -	4770 A.F.						

DAILY DIVERSIONS OF CANALS--1983  
 MEREDITH-AMMER CANAL from Pumpkin Creek--Measured through  
 rating flume--NE1/4NE1/4 Sec. 23-19-50 W. Near Bridgeport  
 Period of Record: June 1931 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	2	0	3
2	0	0	4	2	2
3	0	1	6	4	1
4	0	4	6	4	0
5	0	5	6	4	0
6	0	5	6	4	0
7	0	5	7	2	0
8	0	5	7	1	0
9	0	5	7	1	0
10	0	5	7	1	0
11	0	4	7	1	0
12	0	2	7	1	0
13	0	2	7	3	0
14	0	1	7	2	0
15	0	1	7	2	0
16	0	1	7	2	0
17	0	1	7	2	0
18	0	1	7	2	0
19	0	1	7	1	0
20	0	1	8	2	0
21	0	1	8	2	0
22	0	1	8	2	0
23	0	3	7	0	0
24	0	6	5	0	0
25	0	6	4	0	0
26	0	3	4	0	0
27	0	2	1	0	0
28	0	2	0	0	0
29	0	2	0	2	0
30	0	2	0	3	0
31	0	---	0	3	---
S.F.	0	78	166	53	6
Mean	0	3	5	2	0
Max.	0	6	8	4	3
Min.	0	0	0	0	0
A.F.	0	150	330	110	10
Total 5 months -	600 A.F.				
Acreeage reported D-876-336					

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF SILVERNAIL DRAIN NEAR BRIDGEPORT

SE1/4SW1/4 Sec. 6-19-49 W.  
 Period of Record: February 1925 - September 1949, May 1956 - December 1983  
 Gaging Station Discontinued December 31, 1983  
 EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1983, 173 Cubic Feet per Second at 2000 hours on July 23, 1983 at a Gage Height of 3.80 Feet  
 Minimum Daily Discharge, 1.9 Cubic Feet per Second on March 3, 1983

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.8	4.8	2.4	4.1	8	17	23	28	23	7.8	7.1	6.8
2	4.6	4.8	2.4	4.1	5	16	20	15	29	7.8	7.1	6.6
3	4.3	4.8	2.2	4.1	3.7	11	19	15	34	7.5	7.1	6.6
4	4.1	4.8	2.4	4.1	3.7	16	37	21	36	7.3	7.1	6.6
5	4.1	4.8	8	3.7	3.7	28	26	15	37	7.1	7.1	6.6
6	4.3	4.8	5.7	3.5	3.9	24	21	18	36	7.1	7.1	6.6
7	4.3	4.8	4.8	3.1	3.9	23	28	29	38	7.3	7.3	6.3
8	4.3	4.8	4.3	3.3	3.9	25	16	37	31	7.5	7.5	6.3
9	4.8	4.6	4.1	3.5	3.9	24	11	33	32	7.3	7.5	6.3
10	5	4.6	4.1	3.3	3.9	20	9.3	31	42	7.1	7.1	6.3
11	5	4.6	4.1	3.1	4.2	19	19	21	53	7.5	7.1	6.3
12	5	4.6	4.1	4.3	6.3	22	27	20	42	7.5	6.8	6.3
13	5.2	4.6	4.1	4.8	5.7	23	24	23	40	7.5	6.9	6.1
14	5	4.6	4.1	4.3	5.4	24	24	23	52	7.5	6.8	6.1
15	5	4.6	4.1	4.6	5.2	30	18	23	48	7.5	6.8	6.1
16	5	4.1	4.1	4.3	5.2	27	21	22	54	7.5	6.8	6.1
17	5	3.9	4.1	4.6	22	26	17	23	56	7.5	6.8	5.9
18	5	3.9	4.3	4.6	7.8	31	9.3	26	55	7.3	6.8	5.9
19	5	3.7	4.3	4.6	6.8	42	7.8	35	50	7.5	6.8	5.9
20	5	3.7	4.3	4.6	6.3	38	13	26	42	7.5	5.8	5.9
21	5	4.3	4.3	4.6	5.9	32	18	28	38	7.5	6.8	5.9
22	5	4.1	4.3	5.4	5.7	36	19	33	37	7.5	6.8	5.9
23	5	3.9	4.3	4.6	5.4	40	34	37	30	7.5	6.8	5.9
24	4.8	3.9	4.3	4.6	18	42	28	40	28	7.5	6.8	5.9
25	4.8	3.5	4.1	4.6	30	38	22	34	28	7.5	6.8	5.9
26	4.8	3.3	4.1	4.6	32	35	25	30	23	7.5	6.8	5.9
27	4.8	3	3.9	3.9	27	40	16	23	18	7.5	7.1	5.9
28	4.8	2.8	4.1	3.1	27	44	14	26	25	7.5	6.8	5.9
29	4.8	---	3.9	14	28	41	18	29	16	7.5	7.1	5.9
30	4.8	---	4.1	7.3	29	28	24	25	8.8	7.5	5.8	5.9
31	4.8	---	4.1	---	21	---	28	22	---	7.5	---	5.9
S. F.	148.2	118.7	127.5	137.3	347.5	862	636.4	811	1082.	231.1	209	190.5
Mean	5	4	4	5	11	29	21	26	36	7	7	6
Max.	5.2	4.8	8	14	32	44	37	40	56	7.8	7.5	6.8
Min.	4.1	2.8	2.2	3.1	3.7	11	7.8	15	8.8	7.1	6.8	5.9
A. F.	290	240	250	270	690	1710	1260	1610	2150	460	410	380
Total 12 Months -	9720 A. F.											

DAILY DIVERSIONS OF CANALS--1983  
 BEERLINE CANAL from North Platte River--Measured through rating flume--NW1/4NW1/4 Sec. 24-19-49 W. near Broadwater  
 Period of Record:  
 June 1919 - September 1922 July 1924 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	3	10	16	3
2	0	3	9	17	3
3	0	1	9	16	3
4	0	0	9	14	3
5	0	0	8	12	3
6	0	0	8	12	3
7	0	0	8	15	3
8	0	0	10	18	3
9	0	0	12	18	3
10	0	0	12	18	2
11	0	0	13	18	2
12	0	0	18	20	2
13	0	0	17	18	2
14	0	0	17	19	2
15	0	0	17	18	2
16	0	0	18	17	2
17	0	0	18	15	2
18	0	0	18	14	2
19	0	0	17	15	2
20	0	0	16	16	2
21	0	0	14	18	2
22	0	0	14	17	1
23	0	0	15	6	1
24	0	0	17	6	2
25	0	0	19	6	1
26	0	8	20	6	0
27	0	8	17	6	0
28	0	7	12	5	0
29	0	8	11	4	0
30	0	10	11	3	0
31	2	---	12	3	---
S. F.	2	48	426	406	56
Mean	0	2	14	13	2
Max.	2	10	20	20	3
Min.	0	0	8	3	0
A. F.	0	100	840	810	110
Total 5 months -	1860 A. F.				
Acreage reported D-887-2080					

DAILY DIVERSIONS OF CANALS--1983

BEERLINE CANAL  
 Summary in Acre-feet--1983

	May	June	July	Aug.	Sept.	Totals
Diverted from:						
North Platte River...	0	100	840	810	110	1860
Storage.....	0	0	0	0	0	0
Totals.....	0	100	840	810	110	1860

Total water diverted 1860 A. F.  
 No storage ordered for 1983

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 BELMONT CANAL from Cedar Creek--Measured through rating  
 flume--NE&SW 1/4 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	6	8
2	0	0	0	5	8
3	0	0	0	5	8
4	0	0	0	5	8
5	0	0	0	8	8
6	0	0	0	8	8
7	0	0	0	6	8
8	0	0	4	7	8
9	0	0	8	6	8
10	0	0	7	7	8
11	0	0	8	6	8
12	0	0	10	7	8
13	0	0	10	10	8
14	0	0	10	9	8
15	0	0	10	8	8
16	0	0	9	6	8
17	0	0	9	6	7
18	0	0	8	9	6
19	0	0	6	9	6
20	0	0	6	9	7
21	0	0	6	9	7
22	0	0	6	8	6
23	0	0	5	9	1
24	0	0	6	9	0
25	0	0	7	9	0
26	0	0	6	9	0
27	0	0	9	8	0
28	0	0	9	6	0
29	0	0	8	6	0
30	0	0	6	8	0
31	0	---	6	8	---
S. F.	0	0	179	231	168
Mean	0	0	6	7	6
Max.	0	0	10	10	8
Min.	0	0	0	5	0
A. F.	0	0	360	460	330
Total 5 Months - 1150 A.F.					

DAILY DIVERSIONS OF CANALS--1983

BELMONT CANAL  
 Summary in Acre-feet--1983

	Apr.	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:								
North Platte River....	600	3110	5670	9080	9080	7170	640	35350
Cedar Creek	0	0	0	360	460	330	0	1150
Total natural.....	600	3110	5670	9440	9540	7500	640	36500
Total diverted.....	600	3110	5670	9440	9540	7500	640	36500

Total water diverted 36500 A.F.  
 No storage ordered for 1983

DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER

SEL/4NE1/4 Sec. 11-18-48 W

Period of Record: January 1922 - September 1962, May 1965 - December 1983  
 Gaging Station Discontinued December 31, 1983.  
 EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1983, 38 Cubic Feet per Second at 0600 hours on May 28, 1983 at a Gage Height of 3.31 Feet.  
 Minimum Daily Discharge, 0.7 Cubic Feet per Second on July 19, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7	9.5	9.4	10	12	20	21	8.4	5.6	19	8.4	8
2	9	9	9.5	10	11	20	19	7.6	5.9	19	8.5	8
3	7	8.8	9.5	10	10	20	20	7.8	6.8	17	8.6	8
4	12	8.8	9.7	10	10	21	18	6.3	8.5	19	8.9	8
5	10	9	12	10	10	23	18	6.6	10	18	8.9	8
6	10	9.6	11	10	11	22	13	7.5	11	11	9.2	9
7	10	9.8	10	9.7	11	21	11	6.3	10	10	9.4	11
8	10	9.8	10	9.2	10	20	8.5	6.8	11	9.7	9.5	9.5
9	10	10	10	9.2	11	20	1.8	5.8	12	9.7	9.1	9.1
10	10	10	9.5	9.4	10	17	1.5	5	8.8	9.7	8.2	8.5
11	10	10	9.4	9.4	12	17	1.5	5.4	8.6	10	8.1	8
12	9.8	10	9.2	9.7	12	17	1.5	4.9	7.6	10	7.8	7.7
13	9.5	10	9.2	10	11	18	1.4	5.6	11	10	7.7	7.5
14	9.4	9.8	9.2	10	11	18	1.3	5.8	19	8.8	7.7	7.2
15	9.4	9.8	9.1	10	11	23	1.2	5.9	21	8.8	7.3	7.2
16	9.2	9.8	9.4	10	11	25	1.1	3.6	20	8.6	9.1	7
17	9.1	9.7	9.4	9.8	12	30	1.2	3	20	8.8	8.1	7
18	9.4	9.7	9.5	9.8	12	26	2.2	4.1	19	9.1	8.1	6
19	9.5	9.7	9.7	9.7	15	25	.7	3.5	21	9.1	8.6	6
20	9.4	9.8	9.4	9.7	35	26	.9	3.8	25	9.1	8	7
21	9.4	9.8	9.2	9.7	31	24	1.1	4.4	25	9.2	7.6	7
22	9.4	9.7	9.2	9.2	31	24	.9	5	20	9.2	7.6	7
23	9.2	9.5	9.4	9.7	30	25	.8	4.4	21	9.4	7.6	7
24	9.2	9.7	9.2	9.2	29	24	.8	2.2	23	9.5	8.2	7
25	9.2	9.7	9.7	9.7	28	24	1	3.5	17	9.2	7.6	7
26	9.2	9.7	10	9.2	20	24	1.3	3.8	15	8.1	7.8	8
27	9.1	9.5	10	9.4	36	27	2.6	5.3	20	8.1	8	8
28	9.2	9.1	9.8	9.8	31	29	5.1	5.3	20	7.8	8	8
29	9.4	---	9.8	10	25	28	4.6	5.9	15	7.7	8	8
30	9.4	---	9.8	11	25	26	3.1	4.6	15	8	8	10
31	9.4	---	10	---	20	---	5.8	5.6	---	8.1	---	10
S. F.	291.8	269.3	300.2	292.5	554	684	171.9	163.7	452.8	328.7	247.6	244.7
Mean	9	10	10	10	18	23	6	5	15	11	8	8
Max.	12	10	12	11	36	30	21	8.4	25	19	9.5	11
Min.	7	8.8	9.1	9.2	10	17	7	2.2	5.6	7.7	7.3	6
A. F.	580	530	600	580	1100	1360	340	320	900	650	490	490
Total 12 Months - 7940 A.F.												

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	48	49	58	45
2	0	0	46	48	60	40
3	0	0	43	57	55	34
4	0	0	42	54	54	32
5	0	0	52	49	54	34
6	0	0	64	51	54	30
7	0	0	70	48	52	31
8	0	12	67	47	49	32
9	0	32	57	50	43	31
10	0	29	62	52	40	31
11	0	27	60	55	42	34
12	0	30	55	57	44	33
13	0	38	55	55	43	30
14	0	38	62	52	42	30
15	0	36	69	54	43	30
16	0	32	69	58	48	30
17	0	31	65	70	44	27
18	0	31	64	68	39	24
19	0	37	60	73	39	22
20	0	41	60	83	38	19
21	0	38	60	96	38	17
22	0	35	61	87	27	13
23	0	36	61	65	30	8
24	0	35	62	69	42	8
25	0	40	62	60	38	10
26	0	43	64	60	9	12
27	0	49	58	57	25	14
28	0	58	55	52	27	15
29	0	57	50	53	34	17
30	0	51	50	55	40	17
31	0	---	50	57	---	9
S.F.	0	856	1803	1841	1251	759
Mean	0	29	58	59	42	24
Max.	0	58	70	96	60	45
Min.	0	0	42	47	9	8
A.F.	0	1700	3580	3650	2480	1510
Total 6 months - 12920 A.F.						
Acreage reported D-787R-1268 D-856-1391						
A-243R-783 A-991-216 A-4658-112 A-5572-98						
Total-3868						

DISCHARGE IN SECOND-FEET OF 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 1983

Date	May	June	July	Aug.	Sept.
1	5	4	4	3	4
2	4	4	4	3	4
3	4	4	4	3	4
4	4	4	4	4	4
5	4	4	4	3	4
6	4	4	4	4	4
7	4	4	4	4	4
8	4	4	4	4	4
9	4	4	4	4	4
10	4	4	4	4	4
11	7	4	4	4	4
12	5	4	4	4	4
13	4	4	4	3	4
14	4	4	4	3	4
15	4	4	4	3	4
16	4	4	4	4	4
17	5	4	4	4	4
18	5	4	4	4	4
19	5	4	4	4	4
20	4	4	4	4	4
21	4	4	4	4	4
22	4	4	4	4	4
23	4	4	4	4	4
24	4	4	4	4	4
25	4	4	4	4	4
26	4	4	3	4	4
27	4	4	4	4	4
28	4	4	4	4	4
29	4	4	4	4	4
30	4	4	4	4	4
31	4	---	3	4	---
S.F.	132	120	122	116	120
Mean	4	4	4	4	4
Max.	7	4	4	4	4
Min.	4	4	3	3	4
A.F.	260	240	240	230	240
Total 5 months - 1210 A.F.					

DAILY DIVERSIONS OF CANALS--1983  
 MIDLAND-OVERLAND CANAL from North Platte River--Measured  
 through Farshall Flume-- NE1/4SE1/4 Sec. 2-16-44 W. near Oshkosh  
 Period of Record: July 1924 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	13	7	1	2
2	0	0	12	6	1	0
3	0	0	12	6	1	0
4	0	0	12	6	1	0
5	0	0	11	6	1	0
6	0	0	9	5	1	0
7	0	0	11	4	1	0
8	0	0	27	11	2	0
9	0	0	27	18	2	0
10	0	0	27	16	2	0
11	0	0	26	16	1	0
12	0	1	26	16	1	0
13	0	2	18	16	1	0
14	0	0	11	16	1	0
15	0	0	8	16	2	0
16	0	0	8	16	4	0
17	0	0	7	12	8	0
18	0	0	7	7	11	0
19	0	0	7	7	12	0
20	0	0	8	7	20	0
21	0	0	12	7	17	0
22	0	0	17	7	8	0
23	0	4	12	7	8	0
24	0	8	10	7	7	0
25	0	9	15	8	7	0
26	0	9	16	8	6	0
27	0	10	8	3	5	0
28	0	12	8	1	4	0
29	0	13	7	1	4	0
30	0	13	7	1	3	0
31	0	---	7	1	---	0
S.F.	0	81	406	265	143	2
Mean	0	3	13	9	5	0
Max.	0	13	27	18	20	2
Min.	0	0	7	1	1	0
A.F.	0	160	810	530	280	0
Total 6 months - 1780 A.F.						
Acreage reported D-789-1000 D-791-1104						
D-800(A-1742 O.D.)-154 Total-2258						

DAILY DIVERSIONS OF CANALS--1983

LISCO CANAL  
 Summary in Acre-feet--1983

	May	June	July	Aug.	Sept.	Oct.	Total
Diverted from:							
North Platte River...	0	1700	3580	3650	2480	1510	12920
Cold Water Creek.....	0	0	0	0	0	0	0
Totals.....	0	1700	3580	3650	2480	1510	12920
Total water diverted 12920 A.F.							

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 PAISLEY CANAL from Blue Creek--Measured through 4-foot  
 Parshall flume--SE1/4NW1/4 Sec. 6-16-42 W. near Lewellen  
 Period of Record: July 1917 - August 1919  
 June 1921 - August 1921 July 1923 - September 1923  
 May 1925 - September 1927 May 1931 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	21	13	14	24
2	0	0	20	12	15	21
3	0	0	20	13	16	21
4	0	0	20	14	14	19
5	0	0	20	14	12	18
6	0	0	19	12	18	18
7	0	0	20	11	18	19
8	0	0	20	8	18	8
9	0	0	20	8	18	0
10	0	0	18	9	19	0
11	0	0	8	9	19	0
12	0	0	0	6	19	0
13	0	0	0	0	18	0
14	0	0	0	0	19	0
15	0	0	0	3	20	0
16	0	0	0	8	20	0
17	0	9	0	10	20	0
18	0	16	2	12	20	0
19	0	16	8	12	20	0
20	0	16	13	12	21	0
21	0	17	12	12	21	0
22	0	17	13	12	22	0
23	0	19	13	13	22	0
24	0	20	11	13	22	0
25	0	20	9	13	22	0
26	0	14	10	13	22	0
27	0	10	13	13	22	0
28	0	21	12	13	24	0
29	0	19	12	13	22	0
30	0	20	12	13	24	0
31	0	---	12	14	---	0
S.F.	0	234	358	328	581	148
Mean	0	8	12	11	19	5
Max.	0	21	21	14	24	24
Min.	0	0	0	0	12	0
A.F.	0	460	710	650	1150	290
Total 6 months - 3260 A.F.						
Acreage reported D-800-815 A-515-95						
A-1738-172 Total-1082						

DAILY DIVERSIONS OF CANALS--1983  
 BLUE CREEK CANAL from Blue Creek and Crescent Lake--Measured through  
 8-foot Parshall flume--SW1/4NE1/4 Sec. 6-16-42 W. near Lewellen  
 Period of Record:  
 July 1917 - September 1919 June 1921 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	23	29
2	0	0	7	22	30
3	0	0	2	24	30
4	0	0	6	30	30
5	0	0	16	35	12
6	0	0	14	28	22
7	0	0	17	30	21
8	0	0	18	30	21
9	0	0	21	32	21
10	0	0	29	33	21
11	0	0	38	32	21
12	0	0	33	34	20
13	0	0	35	34	20
14	0	0	36	32	17
15	0	0	35	30	18
16	0	0	36	34	17
17	0	0	35	33	21
18	0	0	26	35	22
19	0	0	22	36	27
20	0	0	23	36	31
21	0	0	24	36	30
22	0	0	31	36	35
23	0	0	33	29	39
24	0	0	32	29	28
25	0	0	30	28	21
26	0	0	26	27	21
27	0	0	29	28	21
28	0	0	32	28	24
29	0	0	28	27	19
30	0	0	26	27	15
31	0	---	24	26	---
S.F.	0	0	754	942	704
Mean	0	0	24	30	23
Max.	0	0	38	36	39
Min.	0	0	0	22	12
A.F.	0	0	1500	1870	1400
Total 5 months - 4770 A.F.					
Acreage reported D-785-2449 D-795-355 A-1154-30 Total-2834					

DAILY DIVERSIONS OF CANALS--1983  
 HOOPER CANAL from Blue Creek--Measured through 3-foot  
 Parshall flume--NE1/4SW1/4 Sec. 6-16-42 W. near Lewellen  
 Period of Record:  
 July 1917 - September 1919, June 1921 - September 1923  
 May 1925 - September 1927, May 1931 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	5	14	4	10
2	0	0	3	13	4	14
3	0	0	5	13	4	14
4	0	0	5	13	7	15
5	0	0	11	15	3	15
6	0	0	11	14	4	15
7	0	0	12	14	6	11
8	0	0	11	15	6	12
9	0	0	11	15	8	10
10	0	0	10	15	4	3
11	0	0	12	12	4	0
12	0	0	13	15	4	0
13	0	0	12	15	3	0
14	0	0	13	13	3	0
15	0	0	8	11	11	0
16	0	0	8	11	11	0
17	0	0	7	12	11	0
18	0	0	7	11	11	0
19	0	0	7	11	11	0
20	0	0	8	12	11	0
21	0	0	11	13	11	0
22	0	0	12	11	11	0
23	0	0	12	10	11	0
24	0	0	12	11	12	0
25	0	7	13	13	14	0
26	0	9	12	14	11	0
27	0	0	10	14	11	0
28	0	0	12	13	13	0
29	0	4	13	13	11	0
30	0	6	14	11	10	0
31	0	---	14	5	---	0
S.F.	0	26	309	392	245	119
Mean	0	1	10	13	8	4
Max.	0	9	14	15	14	15
Min.	0	0	0	5	0	0
A.F.	0	50	610	780	490	240
Total 6 months - 2170 A.F.						
Acreage reported D-781R (Pet. 410)-872						

DAILY DIVERSIONS OF CANALS--1983  
 UNION CANAL from Blue Creek--Measured through  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	12	15
2	0	0	0	14	13
3	0	0	0	14	11
4	0	0	0	8	13
5	0	0	0	12	13
6	0	0	0	19	9
7	0	0	2	17	8
8	0	0	13	17	8
9	0	0	17	9	8
10	0	0	14	7	8
11	0	0	17	7	8
12	0	0	16	11	8
13	0	0	18	15	6
14	0	0	18	13	0
15	0	0	18	12	0
16	0	0	13	8	0
17	0	0	20	6	0
18	0	0	20	8	0
19	0	0	21	10	0
20	0	0	19	10	0
21	0	0	18	9	0
22	0	0	16	12	0
23	0	0	15	18	0
24	0	0	17	18	0
25	0	0	11	13	0
26	0	0	11	10	0
27	0	0	6	8	0
28	0	0	6	11	0
29	0	0	6	15	0
30	0	0	6	15	0
31	0	---	6	16	---
S.F.	0	0	344	374	128
Mean	0	0	11	12	4
Max.	0	0	21	19	15
Min.	0	0	0	6	0
A.F.	0	0	680	740	250
Total 5 months - 1670 A.F.					
Acreage reported D-763-1376					

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 GRAF CANAL from Blue Creek--Measured through  
 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 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	0	10	11	10
2	0	0	0	11	11	10
3	0	0	0	12	12	9
4	0	0	0	14	18	8
5	0	0	0	9	16	8
6	0	0	0	10	12	8
7	0	0	0	9	12	8
8	0	0	0	7	12	8
9	0	0	0	12	12	9
10	0	0	0	11	12	7
11	0	0	2	10	12	1
12	0	0	14	6	12	0
13	0	0	13	11	13	0
14	0	0	11	14	13	0
15	0	0	13	15	13	0
16	0	0	16	14	12	0
17	0	0	11	13	12	0
18	0	0	14	11	12	0
19	0	0	15	7	11	0
20	0	0	11	6	10	0
21	0	0	8	5	10	0
22	0	0	5	6	9	0
23	0	0	4	12	0	0
24	0	0	8	10	0	0
25	0	0	13	12	0	0
26	0	0	14	12	0	0
27	0	0	15	13	0	0
28	0	0	14	12	0	0
29	0	0	13	10	2	0
30	0	0	9	10	9	0
31	0	---	7	11	---	0
S.F.	0	0	230	325	278	86
Mean	0	0	7	10	9	3
Max.	0	0	16	15	18	10
Min.	0	0	0	5	0	0
A.F.	0	0	460	640	550	170
Total 6 months -	1820 A.F.					
Acreeage reported D-763R-85 D-788-689						
Total-774						

DAILY DIVERSIONS OF CANALS--1983  
 SUTHERLAND CANAL from North Platte River for Storage and Power  
 Measured through concrete lined section of canal--NW1/4 NW1/4 Sec. 7-14-37 W.  
 Near Keystone. Period of Record: October 1936 - December 1983

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	840	867	744	667	852	1860	1850	1510	1520	0	0	574
2	836	868	742	654	798	1880	1840	1520	1520	0	0	566
3	838	904	740	654	809	1820	1800	1520	1520	0	0	567
4	845	849	738	669	811	1830	1780	1530	1520	0	0	616
5	847	849	775	677	816	1840	1750	1530	1520	0	0	695
6	832	850	773	675	831	1840	1750	1520	1530	0	0	1120
7	852	850	764	670	832	1840	1740	1540	1550	0	0	1340
8	870	854	768	667	818	1850	1740	1550	1580	0	0	1440
9	845	856	764	674	834	1840	1740	1580	1580	0	0	1470
10	852	863	768	670	838	1850	1540	1590	1600	0	0	1540
11	870	843	768	669	845	1840	1330	1580	1620	0	0	1560
12	872	775	778	694	809	1840	1130	1580	1630	0	0	1560
13	825	782	775	727	795	1820	1090	1570	1650	0	0	1540
14	795	782	733	822	798	1830	1080	1560	1640	0	0	1530
15	771	769	642	868	809	1850	1090	1560	1660	0	0	1530
16	777	771	640	867	818	1850	1100	1560	1680	0	0	1520
17	769	764	637	868	849	1860	1100	1560	1480	0	0	1500
18	775	740	629	847	858	1840	1090	1540	1190	0	0	1370
19	777	744	640	859	822	1860	1150	1540	995	0	0	1180
20	813	752	646	836	816	1860	1310	1540	863	0	0	1080
21	832	759	640	791	829	1870	1450	1540	744	0	0	1150
22	840	761	637	807	811	1880	1580	1540	629	0	0	1410
23	849	764	638	816	780	1900	1640	1560	529	0	0	1460
24	850	740	640	814	659	1910	1660	1540	422	0	0	1530
25	858	740	654	822	643	1930	1660	1540	351	0	0	1420
26	854	742	662	829	635	1940	1640	1540	299	0	231	1260
27	856	745	651	818	699	1960	1610	1530	228	0	306	900
28	863	742	650	814	1180	1940	1590	1540	177	0	389	549
29	863	---	666	791	1450	1920	1580	1530	131	0	522	635
30	854	---	666	796	1640	1890	1550	1520	111	0	605	574
31	859	---	658	---	1780	---	1530	1520	---	0	---	558
S.F.-25879	22325	21626	22832	27564	56040	46490	47880	33469	0	2140	35944	
Mean	835	797	698	761	889	1868	1500	1545	1116	0	71	1159
Max.	872	904	778	868	1780	1960	1850	1590	1680	0	605	1560
Min.	769	740	629	654	635	1820	1080	1510	111	0	0	549
A.F.-51330	44280	42890	45290	54670	111150	92210	94970	66420	0	4240	71290	
Total 12 Months -	678740 A.F.											



NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 KEITH-LINCOLN COUNTY CANAL from North Platte River--Measured  
 through Parshall flume--NE1/4SE1/4 Sec. 18-14-36 W. near Paxton  
 Period of Record: June 1918 - September 1983

Date	Apr.	May	June	July	Aug.	Sept.
1	0	33	34	3	87	83
2	0	32	34	32	88	86
3	0	32	48	74	85	85
4	0	31	52	74	84	78
5	0	32	48	74	86	74
6	0	31	46	76	84	70
7	0	30	44	76	81	78
8	0	30	31	83	87	??
9	0	30	44	90	86	??
10	0	30	32	93	87	??
11	0	29	38	92	90	75
12	0	30	34	92	82	74
13	0	29	35	77	84	67
14	0	29	32	64	79	58
15	0	28	58	90	79	71
16	0	29	53	32	79	74
17	0	28	53	75	84	56
18	0	28	53	67	92	55
19	0	28	54	64	92	53
20	0	28	56	81	96	50
21	0	27	56	82	98	60
22	0	28	57	79	97	70
23	0	28	56	79	90	58
24	0	28	51	81	80	53
25	16	28	51	84	79	53
26	34	29	34	88	80	52
27	33	30	5	92	81	50
28	33	17	4	90	85	48
29	33	17	2	90	89	33
30	31	33	1	90	84	0
31	---	39	---	87	82	---
S. F.	180	901	1196	2351	2657	1887
Mean	6	29	40	76	86	63
Max.	34	39	58	93	98	86
Min.	0	17	1	3	79	0
A. F.	360	1790	2370	4660	5270	3740
Total 6 months - 18190 A.F.						
Acreage reported D-722R-5582						

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	3	3
2	0	0	0	3	2
3	0	0	0	3	2
4	0	0	0	3	2
5	0	0	0	3	2
6	0	0	0	3	1
7	0	0	0	3	1
8	0	0	0	3	0
9	0	0	0	3	0
10	0	0	75	0	0
11	0	0	0	3	0
12	0	0	0	3	0
13	0	0	0	3	0
14	0	0	71	0	0
15	0	0	0	3	0
16	0	0	0	3	0
17	0	0	0	3	0
18	0	0	0	3	0
19	0	0	0	3	0
20	0	0	0	3	0
21	0	0	0	3	0
22	0	0	0	3	0
23	0	0	0	3	0
24	0	0	1	3	0
25	0	0	1	3	0
26	0	0	1	3	0
27	0	0	1	3	0
28	0	0	2	3	0
29	0	0	2	3	0
30	0	0	3	3	0
31	0	---	3	3	---
S. F.	0	0	14	93	14
Mean	0	0	0	3	0
Max.	0	0	3	3	3
Min.	0	0	0	3	0
A. F.	0	0	30	180	30
Total 5 months - 240 A.F.					
Acreage reported D-710R-216					

DAILY DIVERSION OF CANALS--1983  
 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 - October 1983

Date	April	May	June	July	Aug.	Sept.	Oct.
1	0	58	4	59	187	198	44
2	0	58	4	124	188	258	0
3	0	51	4	126	235	247	0
4	0	51	64	124	292	218	0
5	0	51	106	168	305	208	0
6	0	51	87	219	309	227	0
7	0	51	87	249	300	243	0
8	0	50	105	307	295	241	0
9	0	48	118	323	263	218	0
10	0	67	118	320	258	191	0
11	0	77	117	321	243	177	0
12	0	84	117	321	238	174	0
13	0	82	117	313	232	175	0
14	0	80	118	311	223	174	0
15	0	79	117	309	232	168	0
16	0	78	120	200	268	170	0
17	0	83	125	148	292	171	0
18	0	88	125	201	295	168	0
19	0	86	128	201	293	167	0
20	0	85	128	211	307	166	0
21	0	83	129	236	313	163	0
22	0	82	128	290	297	162	0
23	0	80	128	295	162	162	0
24	0	85	126	292	157	162	0
25	0	98	126	297	156	162	0
26	0	101	126	300	156	162	0
27	37	72	58	152	155	167	0
28	54	2	24	142	157	162	0
29	54	3	22	142	156	159	0
30	54	3	21	142	157	142	0
31	---	4	---	142	197	---	0
S. F.	199	1971	2797	6985	7288	5562	44
Mean	7	64	93	225	235	185	1
Max.	54	101	129	323	313	258	44
Min.	0	2	4	59	155	142	0
A. F.	390	3910	5550	13850	14460	11030	90
Total 7 months - 49280 A.F.							
Acreage reported D-635-14107							

DAILY DIVERSIONS OF CANALS--1983  
 PAXTON-HERSHEY CANAL from North Platte River--Measured through  
 Parshall flume--SW1/4NW1/4 Sec. 18-14-33 W. near Sutherland  
 Period of Record:  
 May 1916 - August 1916, June 1918 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	33	82	79	8
2	0	0	33	83	87	0
3	0	9	32	104	95	0
4	0	13	32	116	88	0
5	0	13	32	117	77	0
6	0	17	53	107	80	0
7	0	30	61	96	81	0
8	0	29	85	92	79	0
9	0	32	91	88	77	0
10	0	28	103	89	74	0
11	0	27	99	88	67	0
12	0	26	97	88	65	0
13	0	27	112	88	64	0
14	0	26	98	92	64	0
15	0	24	98	105	60	0
16	0	24	85	108	60	0
17	0	29	69	109	56	0
18	0	36	71	109	55	0
19	0	37	66	107	54	0
20	0	37	81	105	55	0
21	0	34	88	103	49	0
22	0	33	112	93	43	0
23	0	37	99	88	43	0
24	0	44	101	79	43	0
25	0	44	106	75	43	0
26	0	44	110	74	44	0
27	0	46	83	74	44	0
28	0	42	103	74	44	0
29	0	37	103	72	43	0
30	0	33	85	74	35	0
31	0	---	66	72	---	0
S. F.	0	858	2487	2851	1848	8
Mean	0	29	80	92	62	0
Max.	0	46	112	117	95	8
Min.	0	0	32	72	35	0
A. F.	0	1700	4930	5650	3670	20
Total 6 months - 15970 A.F.						
Acreage reported D-653-7323						

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 BIRDWOOD CANAL from Birdwood Creek--Measured through  
 8-Foot Parshall flume--SE1/4SW1/4 Sec. 35-15-33 W. near Hershey  
 Period of Record: May 1921 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	0	18	17	10
2	0	0	13	26	19	10
3	0	0	20	31	22	10
4	0	0	12	34	27	10
5	0	0	9	32	18	10
6	0	0	10	31	17	10
7	0	0	9	25	12	10
8	0	0	10	14	13	10
9	0	0	11	11	16	10
10	0	0	12	23	14	10
11	0	0	13	22	14	12
12	0	0	22	25	14	12
13	0	0	26	28	14	12
14	0	0	29	23	14	0
15	0	0	22	28	17	0
16	0	0	40	26	16	0
17	0	0	36	29	16	0
18	0	0	42	30	15	0
19	0	0	8	31	15	0
20	0	0	15	26	6	0
21	0	0	22	29	6	0
22	0	0	22	16	6	0
23	0	0	19	6	7	0
24	0	0	17	6	10	0
25	0	0	16	10	10	0
26	0	0	29	16	10	0
27	0	0	15	15	9	0
28	0	0	8	15	10	0
29	0	0	10	15	10	0
30	0	0	9	14	10	0
31	0	---	13	17	---	0
S. F.	0	0	539	672	404	136
Mean	0	0	17	22	13	4
Max.	0	0	42	34	27	12
Min.	0	0	0	6	6	0
A. F.	0	0	1070	1330	800	270
Total 6 months -	3470 A.F.					
Acreage reported	D-646-5351					

DAILY DIVERSIONS OF CANALS--1983  
 SUBURBAN CANAL from North Platte River--Measured through  
 rating flume--NE1/4SE1/4 Sec. 12-14-33 W. near Hershey  
 Period of Record:  
 August 1919 - September 1919 July 1921 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	33	18	76	70	26
2	0	33	18	75	69	0
3	0	46	17	76	69	0
4	0	60	16	76	69	0
5	0	65	22	76	69	0
6	0	66	65	78	72	0
7	0	67	80	79	75	0
8	0	69	93	81	76	0
9	0	61	119	84	76	0
10	0	60	122	89	76	0
11	3	59	121	95	71	0
12	10	59	111	98	63	0
13	9	58	108	99	63	0
14	20	54	95	97	63	0
15	35	54	54	89	63	0
16	29	54	16	84	62	0
17	30	59	59	82	62	0
18	29	58	72	85	61	0
19	26	60	69	87	60	0
20	14	61	74	87	59	0
21	13	61	85	87	58	0
22	24	58	92	88	57	0
23	25	63	108	96	56	0
24	25	72	107	89	55	0
25	18	73	104	76	55	0
26	3	75	109	75	56	0
27	2	79	114	73	56	0
28	3	80	99	73	56	0
29	14	47	98	71	55	0
30	17	20	92	71	62	0
31	20	---	76	71	---	0
S. F.	369	1764	2433	2563	1914	26
Mean	12	59	78	83	64	1
Max.	35	80	122	99	76	26
Min.	0	20	16	71	55	0
A. F.	730	3500	4830	5080	3800	50
Total 6 months -	17990 A.F.					
Acreage reported	D-662-5460					

DAILY DIVERSIONS OF CANALS--1983  
 CODY-DILLON CANAL from North Platte River--Measured  
 over weir--SE1/4NE1/4 Sec. 9-14-31 W. near North Platte  
 Period of Record:  
 August 1919 - September 1919 May 1921 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	1	23	10	5	22
2	0	2	23	10	5	7
3	0	2	23	10	5	8
4	0	2	23	10	5	6
5	0	18	24	10	5	1
6	0	26	24	10	5	0
7	0	26	24	10	5	0
8	0	23	29	10	5	0
9	0	22	30	10	6	0
10	0	21	24	11	6	0
11	0	20	23	26	6	0
12	0	20	22	27	6	0
13	0	20	22	28	10	0
14	0	20	14	30	24	0
15	0	20	2	35	28	0
16	0	20	8	38	30	0
17	0	20	6	38	25	0
18	0	20	5	37	25	0
19	0	20	5	37	25	0
20	0	20	11	37	25	0
21	0	21	32	37	26	0
22	0	20	33	43	23	0
23	0	20	35	21	23	0
24	0	21	35	8	23	0
25	0	21	29	6	23	0
26	0	21	30	6	23	0
27	0	22	18	6	23	0
28	0	23	11	6	25	0
29	0	23	11	6	25	0
30	0	23	11	5	27	0
31	0	---	11	5	---	0
S. F.	0	558	621	583	497	44
Mean	0	19	20	19	17	1
Max.	0	26	35	43	30	22
Min.	0	1	2	5	5	0
A. F.	0	1110	1230	1160	990	90
Total 6 months -	4580 A.F.					
Acreage reported	D-649-4090					

## NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND- FEET OF 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 1983

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1983, 246 Cubic Feet per Second at 0945 hour on August 23, 1983 at a Gage Height of 2.82 Feet.  
Minimum Daily Discharge, 23 Cubic Feet per Second on March 26, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	27	28	26	25	76	54	72	135	169	115	50	32
2	27	28	26	27	74	54	88	134	159	86	49	34
3	27	27	27	27	72	53	100	128	173	77	49	36
4	27	27	27	27	70	53	102	128	166	74	49	36
5	27	27	29	27	67	100	96	100	149	72	48	36
6	28	27	28	27	61	92	108	126	134	72	48	35
7	28	27	28	27	65	91	103	145	146	71	47	36
8	28	27	28	27	61	86	84	141	169	68	46	36
9	29	28	28	27	54	113	78	133	176	66	46	36
10	28	29	28	27	49	115	88	142	153	65	44	37
11	28	29	28	27	60	116	83	153	159	64	44	36
12	28	29	28	32	58	114	74	164	153	62	44	36
13	28	29	27	32	69	116	84	167	153	61	43	36
14	28	29	27	32	72	119	85	178	159	60	42	35
15	28	29	27	33	72	113	80	170	163	59	42	35
16	28	29	27	33	66	98	147	153	161	58	42	35
17	28	29	27	34	72	101	124	148	160	57	42	34
18	28	28	27	34	90	102	128	138	161	57	42	32
19	29	28	27	34	90	103	125	134	164	57	42	28
20	28	28	26	36	89	104	130	132	163	55	40	26
21	28	28	25	39	84	98	116	149	166	54	39	25
22	28	27	25	39	83	95	119	149	161	54	39	24
23	28	27	24	38	82	98	142	213	160	53	39	25
24	28	27	24	38	82	101	152	194	159	53	38	26
25	28	27	24	37	85	102	142	182	157	52	38	27
26	28	27	23	37	84	102	138	172	154	55	37	29
27	28	26	24	49	92	123	180	172	154	54	35	30
28	28	26	25	67	68	90	159	169	152	53	30	28
29	28	---	25	66	53	80	150	167	150	53	29	26
30	27	---	25	69	51	74	148	163	140	52	30	31
31	28	---	25	---	51	---	145	166	---	51	---	35
S. F.	864	777	815	1074	2202	2860	3570	4745	4743	1940	1253	993
Mean	28	28	26	36	71	95	115	153	158	63	42	32
Max.	29	29	29	69	92	123	180	213	176	115	50	37
Min.	27	26	23	25	49	53	72	100	134	51	29	24
A. F.	1710	1540	1620	2130	4370	5670	7080	9410	9410	3850	2490	1970
Total 12 Months	- 51250 A. F.											

## SOUTH PLATTE RIVER BASIN

OLIVER RESERVOIR STORAGE IN ACRE- FEET

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

Year ending December 31, 1983

Period of Record: February 1933-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 15, 1982	2477	116
Jan. 17, 1983	2616	139
Feb. 8, 1983	2699	73
Mar. 28, 1983	2830	141
Apr. 21, 1983	2723	-107
May 24, 1983	2904	181
Jun. 17, 1983	3019	115
Jul. 11, 1983	2684	-335
Aug. 5, 1983	2830	146
Oct. 12, 1983	2549	-281
Nov. 10, 1983	2728	179
Change in storage December 15, 1982 through November 10, 1983		251

SOUTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK BELOW OLIVER RESERVOIR  
NEAR KIMBALL--NW1/4SE1/4 Sec. 36-15-57 W.  
Period of Record: May 1981 - December 1983

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1983, 148 Cubic Feet per Second at 1100 hours on June 5, 1983 at a Gage Height of 1.85 Feet.  
Minimum Daily Discharge, 0.36 Cubic Feet per Second on January 23-26, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.58	1.3	3.4	9.9	7.9	110	14	9.5	.74	.44	7.5	6.7
2	.58	1.5	3.4	9.7	7.1	118	11	11	.71	.46	7.5	5.9
3	.58	1.4	3.4	9.7	7.1	132	10	11	.68	.5	8.4	5.9
4	.58	1.5	3.9	9.9	6.8	126	8.4	12	.65	.62	8.4	6
5	.58	1.6	10	9.9	6.3	144	7.8	11	.62	.48	8.4	6.5
6	.58	1.6	9.3	9.9	6.5	128	7.5	11	.59	.53	8.4	6.4
7	.58	1.7	6.8	9.9	5.4	117	7.5	11	.56	.53	8.4	6.4
8	.58	1.8	7.1	10	5	114	7.3	11	.56	.59	8.4	6.3
9	.58	2.1	7.9	12	4.9	116	6.8	9.8	.53	1.6	8.4	6.4
10	.58	2.1	8.5	12	4.4	106	6.2	8.6	.5	1.6	8.4	6.8
11	.52	2	8.2	12	6	94	5.4	7.8	.48	2	8.6	7.3
12	.46	2.1	8.2	12	6.8	78	4.9	6.4	.46	2.4	8.5	7.8
13	.46	2.3	7.1	12	6.6	74	4.7	5.7	.44	2.3	8.8	8.4
14	.46	2.6	6.8	9.1	6.6	77	4.1	5.1	.42	2.5	7.5	8.5
15	.46	2.8	5.5	8.2	6.5	92	3.5	4	.4	3.7	7.4	8
16	.46	2.8	.46	7.9	7.5	86	3.1	3.7	.38	4	7.1	7.9
17	.46	3.1	.46	7.3	17	72	2.8	3.4	.44	4.5	7.5	7.6
18	.46	3.1	.46	6.3	27	55	2.2	2.8	.4	5.1	7.8	7.1
19	.46	5.2	.46	6.5	30	45	2	2.7	.44	5.5	8.4	7.3
20	.46	3.1	.46	5.7	30	41	1.8	1.8	.44	5.4	7.9	7.5
21	.46	3.1	.46	5.6	29	34	1.5	2.3	.4	5.4	8	7.3
22	.41	3.3	.46	6	53	28	1.2	2.7	.4	5.4	8.3	7.3
23	.36	3.5	.46	6	62	21	1.6	2.7	.42	5.7	7.5	7.3
24	.36	3.4	.46	5.7	61	19	1.9	2.6	.42	5.5	7.3	7
25	.36	3.4	.52	5.8	62	17	30	2.6	.42	5.5	7.3	7
26	.36	3.5	.52	5.4	64	17	23	1.6	.42	5.5	7.9	6.8
27	.41	3.5	.52	4.7	66	17	18	1.3	.42	5.5	7.8	6.6
28	.52	3.4	5.7	4.7	69	17	16	1.2	.42	6	5.1	6.2
29	.58	---	10	4.9	76	16	14	1.1	.42	6	6.2	6
30	.75	---	10	5.8	82	16	12	.8	.44	6.6	7.8	5.5
31	.88	---	9.9	---	93	---	11	.77	---	6.6	---	5.5
S.F.	15.91	72.7	140.8	244.5	922.4	2127	329.7	169.0	14.62	108.5	234.7	213.3
Mean	1	3	5	8	30	71	11	5	0	3	8	7
Max.	.88	5.2	10	12	93	144	66	15	.74	6.6	8.8	8.5
Min.	.36	1.3	.46	4.7	4.4	16	1.2	.77	.38	.44	5.1	5.5
A.F.	30	140	280	480	1830	4220	650	340	30	220	470	420
Total 12 Months	- 9110 A.F.											

DAILY DIVERSIONS OF CANALS--1983  
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 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	223	219	152	68
2	0	0	227	223	142	66
3	0	0	230	219	132	68
4	0	0	234	211	155	71
5	0	0	238	208	152	68
6	0	0	241	181	142	56
7	0	0	245	162	132	45
8	0	0	249	166	129	59
9	0	0	253	189	129	82
10	0	0	257	185	132	82
11	0	0	260	173	139	79
12	0	0	260	170	139	88
13	0	0	344	159	112	90
14	0	0	394	146	99	68
15	0	0	354	149	96	59
16	0	167	219	152	96	54
17	0	171	260	159	93	52
18	0	174	272	166	90	59
19	0	176	238	181	90	52
20	0	182	230	159	96	50
21	0	186	234	155	103	56
22	0	189	204	149	109	74
23	0	193	211	149	119	66
24	0	197	251	185	103	47
25	0	200	251	185	79	52
26	0	204	255	166	71	66
27	0	208	255	149	68	52
28	0	212	230	159	68	0
29	0	215	192	152	71	0
30	0	219	223	162	68	0
31	0	---	230	162	---	0
S.F.	0	2895	7764	5350	3306	1729
Mean	0	97	250	173	110	56
Max.	0	219	394	223	155	90
Min.	0	0	192	146	68	0
A.F.	0	5740	15400	10610	6560	3430
Total 6 months	- 41740 A.F.					
Acreage reported A-393-11145; A-1804-800; A-4739-498; Total-12443						

## SOUTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	110	916	1080	1200	1040	102	162	260	514	0	187	504
2	117	825	1050	1210	1040	100	158	168	359	0	389	623
3	148	643	1020	1200	1070	88	155	164	234	0	615	590
4	265	458	1010	1200	1070	80	149	166	139	0	722	581
5	365	483	1090	1200	1070	96	137	172	30	0	722	538
6	478	465	1110	1160	1080	100	157	172	0	0	716	458
7	570	522	1110	1200	1070	115	157	173	0	0	755	498
8	664	522	1100	1160	1060	118	149	185	0	0	838	451
9	744	607	988	1200	1060	115	162	230	0	0	852	450
10	718	574	977	1200	1080	110	199	421	0	0	801	441
11	833	588	1130	1200	1100	102	415	538	0	0	778	429
12	870	745	1200	1200	1100	94	609	532	0	0	778	413
13	818	863	1210	1120	1090	94	713	535	0	0	788	401
14	870	926	1210	988	1080	83	821	535	0	0	788	459
15	870	926	1220	958	1080	84	902	538	0	0	926	373
16	866	1040	1200	988	1050	112	912	541	0	0	1000	364
17	835	1010	1140	988	1030	108	912	538	0	0	1010	359
18	869	1090	1110	1000	1020	108	916	544	0	0	1020	350
19	849	1120	1040	1030	1090	100	852	544	0	0	984	42
20	811	1100	1040	1040	1100	94	664	544	0	0	955	31
21	804	1120	1200	1040	1100	106	541	544	0	0	916	21
22	861	1140	1200	1030	1120	157	315	529	0	0	905	15
23	902	1160	1110	1070	1030	157	278	559	0	0	912	21
24	866	1150	1100	1070	984	155	258	550	0	0	900	21
25	877	1140	1100	1080	916	155	265	523	0	0	900	21
26	894	1130	1090	1080	866	146	315	506	0	0	662	22
27	860	1120	1110	1050	842	144	356	503	0	0	280	38
28	866	1110	1140	1030	556	148	356	500	0	0	226	52
29	870	---	1180	1040	356	153	349	500	0	0	170	72
30	898	---	1200	1040	209	157	352	509	0	0	335	134
31	908	---	1140	---	132	---	354	514	---	58	---	177
S. F.	22276	24493	34605	32972	29491	3481	13040	13237	1276	58	21830	8929
Mean	719	875	1116	1099	951	116	421	427	43	2	728	288
Max.	908	1160	1220	1210	1120	157	916	559	514	58	1020	623
Min.	110	458	977	958	132	80	137	164	0	0	170	15
A. F.	44180	48580	68640	65400	58490	6900	25860	26260	2530	120	43300	17710
Total 12 Months	-407970 A.F.											

SUTHERLAND AND MALONEY (SUTHERLAND RESERVOIR SYSTEM) STORAGE IN  
 ACRE-FEET

Combined storage in Sutherland and Regulator Reservoirs-- Live and  
 storage for power in acre-feet--NE1/4, Township 13 North, Ranges 30 and  
 33W near Sutherland.

Year ending December 31, 1983  
 Period of Record: October 1936-December 1983

Date	Contents (acre-feet)	Change in Content (acre-feet)
Dec. 31, 1982	43650	2620
Jan. 31, 1983	58726	15066
Feb. 28, 1983	61155	2429
Mar. 31, 1983	71707	10552
Apr. 30, 1983	64286	-7421
May 31, 1983	57041	-7245
Jun. 30, 1983	59866	2825
Jul. 31, 1983	69550	9684
Aug. 31, 1983	64230	-5320
Sep. 31, 1983	65115	885
Oct. 31, 1983	54700	-10415
Nov. 30, 1983	45973	-8727
Dec. 31, 1983	44635	-1338
Change in storage December 31, 1982 through December 31, 1983		975

## SOUTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 SUTHERLAND POWER RETURN to the South Platte River at North Platte  
 Measured through Power Wheels--NE1/4 Sec. 21-13-30W. near North Platte  
 Period of Record: October 1939 - December 1963

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1220	1295	1490	1480	1800	1570	1535	1800	1795	0	0	785
2	1225	1285	1495	1680	1795	1650	1535	1680	1750	0	0	815
3	1225	1295	1500	1810	1795	1795	1540	1690	1760	0	0	790
4	1235	1420	1495	1805	1800	1705	1535	1690	1770	0	0	800
5	875	1360	1490	1735	1785	1745	1540	1695	1760	0	0	890
6	885	1360	1490	1670	1640	1805	1540	1695	1765	0	0	1040
7	885	1360	1490	1795	1790	1595	1540	1690	1770	0	0	1045
8	970	1360	1575	1800	1795	1590	1540	1700	1775	0	720	1050
9	970	1365	1710	1810	1655	1595	1540	1700	1480	0	625	1045
10	1090	1360	1770	1800	1690	1605	1535	1705	1280	0	625	1040
11	1165	1325	1710	1800	1685	1590	1545	1710	1110	0	730	1040
12	1170	1160	1705	1800	1685	1590	1335	1710	700	0	715	1080
13	1160	1165	1700	1805	1745	1590	1065	1715	570	0	710	1150
14	1160	1170	1705	1805	1745	1600	965	1715	380	0	720	1220
15	1160	1160	1705	1540	1800	1600	850	1715	730	0	715	1295
16	1155	1225	1700	1610	1780	1605	570	1715	695	0	765	1300
17	1150	1230	1555	1800	1790	1595	530	1720	780	0	820	1300
18	1145	1295	1425	1660	1780	1600	90	1725	740	0	940	1345
19	1145	1325	1425	1725	1785	1595	705	1720	740	0	930	1295
20	1090	1355	1420	1800	1780	1600	1255	1720	225	0	1005	1290
21	1095	1310	1430	1680	1790	1595	1775	1725	1090	0	1000	1205
22	1095	1425	1100	1665	1780	1700	1495	1705	1735	0	1015	1140
23	1095	1495	925	1660	1785	1700	1770	1765	1665	0	1110	1095
24	1100	1495	1015	1710	1705	1710	1840	1780	255	0	1115	1095
25	1035	1570	1105	1795	1780	1720	1845	1835	860	0	1115	1030
26	945	1495	1040	1780	1780	1645	1775	1835	470	0	1060	975
27	895	1490	1035	1795	1775	1650	1790	1815	0	0	1040	975
28	1100	1495	1015	1790	1795	1610	1845	1730	0	0	915	910
29	1175	---	940	1800	1790	1600	1850	1735	0	0	935	910
30	1195	---	1110	1795	1795	1605	1850	1690	0	0	865	815
31	1220	---	1400	---	1675	---	1850	1805	---	0	---	785
S.P.	34030	37645	43670	52200	54570	49155	43975	53630	29650	0	20130	32550
Mean	1098	1344	1409	1740	1760	1639	1419	1730	968	0	671	1050
Max.	1235	1570	1770	1810	1800	1805	1850	1835	1795	0	1115	1345
Min.	875	1160	925	1480	1640	1570	90	1680	0	0	0	785
A.P.	67500	74670	86620	103540	108240	97500	87220	106370	58810	0	39930	64560
Total 12 Months	-894960 A.P.											

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH  
 AT NORTH PLATTE--NW1/4 Sec. 16-13-30 W.  
 Period of Record: October 1947 - September 1961  
 May 1963 - September 1965, May 1967 - September 1983

Date	May	June	July	Aug.	Sept.
1	55	25	31	22	20
2	55	25	30	22	20
3	56	25	26	20	20
4	38	25	25	20	20
5	36	27	27	20	20
6	33	27	23	20	20
7	33	26	22	20	19
8	32	26	21	20	19
9	32	26	21	19	19
10	31	25	18	19	19
11	31	25	18	19	19
12	32	24	18	19	19
13	31	24	18	19	19
14	31	24	18	19	19
15	31	24	18	19	19
16	31	24	23	19	18
17	38	27	20	18	18
18	83	27	21	18	18
19	59	27	20	18	18
20	52	27	20	18	17
21	44	26	18	18	17
22	41	24	18	18	17
23	38	22	18	32	17
24	30	22	19	29	18
25	31	21	19	22	18
26	28	21	19	27	18
27	27	39	30	21	18
28	25	68	24	21	18
29	25	62	24	21	18
30	25	36	23	21	20
31	25	---	22	20	---
S.F.	1159	851	672	638	559
Mean	37	28	22	21	19
Max.	83	68	31	32	20
Min.	25	21	18	18	17
A.F.	2300	1690	1330	1270	1110
Total 5 Months	- 7700 A.F.				

PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND SOUTH PLATTE RIVERS NEAR NORTH PLATTE  
Period of Record: October 1949 - December 1983

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

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1706	2547	2077	2963	7418	13645	19776	9182	8870	6030	1330	3139
2	1732	2438	2072	3018	8361	13955	19875	8812	8768	2990	1255	3079
3	1752	2322	2057	3089	8411	14100	20286	8770	8861	2340	1145	2864
4	1752	2429	2057	3106	8094	14870	20380	8960	9051	2126	955	2864
5	1402	2640	2179	3088	7985	16512	18887	8845	9041	2012	799	3184
6	1512	2980	2344	3079	7788	17252	17723	8935	9105	1948	765	3484
7	1670	2860	2260	3294	7898	17421	16442	9270	9180	1808	683	3569
8	1935	2910	2280	3283	7756	17386	15511	9220	9222	1618	1394	3675
9	2121	3035	2366	3337	7255	17561	14761	9099	8806	1517	1306	3670
10	2377	3110	2389	3292	6991	17740	13553	8934	8629	1484	1285	3765
11	2663	3029	2303	3321	6871	18325	12443	8959	8439	1490	1382	3765
12	2608	2774	2337	3506	6655	19684	11803	9199	8009	1468	1363	3905
13	2658	2619	2398	3836	6362	19424	11103	9484	7899	1439	1363	4175
14	2529	2364	2395	3776	6216	19034	10493	9444	7739	1456	1411	4345
15	2399	2235	2376	3577	6259	18684	6918	9384	8149	1329	1408	4320
16	2474	2240	2347	3748	6294	18709	6193	9035	8003	1306	1385	4175
17	2429	2129	2196	3964	6884	19902	5570	8640	8398	1333	1432	4025
18	2434	2144	2050	3815	7726	21037	4341	8511	8638	1336	1536	3720
19	2354	2130	2050	3894	7820	22202	4395	8303	8708	1326	1536	3520
20	2309	2102	2034	3929	7406	22577	4925	8228	8232	1303	1620	3465
21	2344	2056	2100	3738	7078	20481	6573	8233	9187	1291	1602	3430
22	2364	2148	2000	3599	7124	18564	7033	8207	9912	1249	1624	3465
23	2363	2182	1994	3526	7843	17982	8018	10037	9922	1281	1713	3320
24	2409	2153	2199	3455	8849	17942	9039	9904	8493	1315	1701	3370
25	2334	2199	2460	3535	9540	18251	9074	9584	9048	1308	1884	3405
26	2194	2108	2589	3588	10122	19426	8744	9510	8688	1325	2239	3350
27	2125	2093	2614	4109	10331	20659	9510	9494	8148	1351	2469	3350
28	2349	2088	2566	4991	9754	20638	10289	9266	8068	1359	2644	3286
29	2474	---	2405	6074	10035	20382	10304	9033	7998	1332	2969	3386
30	2614	---	2590	6614	11300	19811	9763	8834	7920	1347	3099	3241
31	2619	---	2863	---	12420	---	9462	8910	---	1341	---	3211
S.F.	69005	68064	70947	112144	250846	554156	353187	280246	259131	52158	47297	109522
Mean	2226	2431	2289	3738	8092	18472	11393	9040	8638	1683	1577	3533
Max.	2663	3110	2863	6614	12420	22577	20380	10037	9922	6030	3099	4345
Min.	1402	2056	1994	2963	6216	13645	4341	8207	7739	1249	683	2864
A.F.	136870	135000	140720	224300	497550	1099150	700540	555860	513980	103450	93810	217230
Total 12 Months	- 4416590 A.F.											

DISCHARGE IN SECOND-FEET OF 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 1983

Date	May	June	July	Aug.	Sept.
1	87	19	51	17	78
2	83	19	58	14	82
3	79	20	65	11	79
4	46	22	68	11	76
5	22	24	71	12	70
6	16	25	68	14	65
7	14	27	61	16	58
8	13	30	46	25	50
9	11	16	36	17	63
10	8	16	26	14	54
11	7	20	22	11	46
12	9	23	25	22	36
13	8	16	43	26	48
14	8	14	36	30	52
15	9	19	22	44	69
16	8	14	16	44	58
17	12	20	11	38	70
18	92	27	6	36	82
19	114	34	9	33	90
20	119	62	9	33	86
21	78	46	8	33	86
22	38	27	7	32	88
23	38	22	8	58	86
24	27	17	8	69	84
25	23	17	16	48	82
26	22	17	14	76	72
27	22	47	52	74	63
28	21	51	64	71	47
29	20	69	54	69	42
30	20	51	40	69	44
31	19	---	26	71	---
S.F.	1093	831	1046	1138	2006
Mean	35	28	34	37	67
Max.	119	69	71	76	90
Min.	7	14	6	11	36
A.F.	2170	1650	2070	2260	3980
Total 5 Months	- 12130 A.F.				

DISCHARGE IN SECOND-FEET OF 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 1983

Date	May	June	July	Aug.	Sept.
1	5250	11500	18700	7260	6980
2	6280	11800	18800	6890	6890
3	6300	11900	19100	6840	6960
4	6010	12700	19100	7030	7150
5	5900	14300	17900	6880	7130
6	5680	15700	16900	6970	7210
7	5800	15600	15700	7280	7290
8	5670	16000	14500	7230	7320
9	5230	16100	14200	7100	6940
10	4950	16200	13200	7140	6760
11	4780	16800	12200	7220	6560
12	4580	18200	11700	7350	6150
13	4270	17900	11000	7650	6020
14	4130	17500	10400	7590	5890
15	4140	17300	6870	7530	6280
16	4160	17300	6170	7180	6130
17	4750	18500	5570	6760	6540
18	5580	19600	4340	6620	6770
19	5740	20700	4400	6420	6860
20	5250	21100	4820	6350	6370
21	4910	19300	6100	6330	7390
22	4950	17600	5980	6310	8110
23	5670	17100	6810	8140	8140
24	6670	17100	7760	8020	6720
25	7360	17300	7580	7680	7200
26	7950	18300	7040	7580	6860
27	8150	19400	7700	7570	6310
28	7580	19400	8400	7340	6240
29	7840	19200	8380	7120	6160
30	9110	18700	7840	6930	6130
31	10200	---	7540	7020	---
S.F.	184840	509500	326700	221330	203460
Mean	5963	16983	10539	7140	6782
Max.	10200	21100	19100	8140	8140
Min.	4130	11500	4340	6310	5890
A.F.	366620	1040580	648000	439000	403560
Total 5 Months	- 2867760 A.F.				

## PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 TRI-COUNTY CANAL from Platte River for Power and Irrigation  
 Measured through 30-foot Parshall flume--NW1/4 Sec. 28-13-29 W.  
 Near North Platte. Period of Record: October 1941 - December 1983

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1035	2169	2110	2171	2171	2182	1106	1926	1886	1800	1004	1163
2	1217	2157	2089	2164	2078	2161	1119	1925	1880	1830	1062	1118
3	1291	1651	2086	2177	2111	2166	1189	1930	1903	1835	1000	1218
4	1486	1582	2079	2166	2084	2177	1237	1952	1898	1840	878	1278
5	1652	1765	2155	2172	2081	2192	1034	1965	1911	1842	764	1292
6	1434	1760	2143	2175	2106	2178	872	1962	1894	1808	652	1472
7	1521	1929	2124	2179	2096	1830	739	1989	1886	1702	644	1534
8	1663	2043	2141	2167	2090	1343	533	1988	1905	1591	968	1597
9	1732	2146	2162	2166	2023	1440	593	1998	1869	1490	1246	1610
10	1850	2140	2193	2161	2043	1513	372	1796	1868	1450	1254	1620
11	1936	2120	2199	2161	2090	1519	232	1735	1883	1441	1197	1819
12	2063	2107	2197	2176	2078	1478	138	1848	1862	1380	1219	1817
13	2129	2091	2190	2179	2094	1490	123	1834	1876	1306	1249	1870
14	2116	2060	2184	2161	2090	1570	50	1852	1847	1207	1308	1955
15	2096	2041	2179	2156	2120	1421	50	1851	1865	1215	1296	1919
16	2118	2140	2164	2070	2133	1386	19	1851	1876	1195	1363	1828
17	2115	2126	2154	2172	2135	1450	0	1876	1854	1166	1267	780
18	2120	2146	2070	2165	2143	1441	0	1886	1865	1214	1396	150
19	2126	2148	2090	2182	2082	1455	0	1886	1845	1192	1438	0
20	2076	2119	2096	2172	2155	1494	105	1879	1858	1155	1459	0
21	1986	2091	2109	2143	2168	1228	473	1904	1798	1097	1492	0
22	1956	2139	2041	2176	2177	990	1056	1896	1798	1130	1458	0
23	1958	2156	1914	2159	2174	845	1206	1896	1785	1098	1648	0
24	1988	2177	2044	2174	2181	883	1282	1881	1778	1165	1537	0
25	2037	2154	2166	2178	2176	914	1499	1908	1844	1188	1688	0
26	2054	2141	2152	2183	2168	1111	1701	1926	1825	1155	2085	0
27	2104	2129	2143	2185	2180	1246	1812	1920	1834	1167	1040	0
28	2146	2126	2138	2108	2176	1204	1893	1925	1830	1205	819	0
29	2197	---	2141	2167	2190	1186	1926	1916	1837	1133	1230	0
30	2180	---	2140	2177	2189	1136	1920	1901	1790	1138	1215	0
31	2174	---	2146	---	2182	---	1922	1886	---	1139	---	0
S.P.	58556	57553	65941	64942	65964	44629	26201	58888	55650	42274	36876	26040
Mean	1889	2055	2127	2165	2128	1488	845	1900	1855	1364	1229	840
Max.	2197	2177	2199	2185	2190	2192	1926	1998	1911	1842	2085	1955
Min.	1035	1582	1914	2070	2023	845	0	1735	1778	1097	644	0
A.P.	116140	114150	130790	128810	130840	88520	51970	116800	110380	83850	73140	51650

Total 12 Months - 1127040 A.P.

Acres 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-5278-5048, A-7716-800, A-9673-14230, Total-119569

## JEFFREY RESERVOIR STORAGE IN ACRE-FEET

From Platte River--NE1/4NE1/4, Sec. 4-11-27W. Near Brady.

Year ending December 31, 1983

Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1983	3820	-1140
Jan. 31, 1983	5622	1802
Feb. 28, 1983	5402	-220
Mar. 31, 1983	5182	-220
Apr. 30, 1983	5457	275
May 31, 1983	5457	0
Jun. 30, 1983	5457	0
Jul. 31, 1983	2202	-3255
Aug. 31, 1983	5567	3365
Sep. 30, 1983	5347	-220
Oct. 31, 1983	4912	-435
Nov. 30, 1983	4212	-700
Dec. 31, 1983	0	-4212

Change in Storage December 31, 1982 through December 31, 1983 -3820



## PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River  
 Measured through Parshall flume--NE1/4SE1/4 Sec. 36-12-27 W.  
 Period of Record: October 1941 - December 1983

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	153	0	0	0	0	0	0	0	0	0	0
4	0	211	0	0	0	0	0	0	0	0	0	0
5	0	197	0	0	0	0	0	0	0	0	0	0
6	0	208	0	0	0	0	0	0	0	0	0	0
7	0	131	0	0	0	0	0	0	0	0	0	0
8	0	29	0	0	0	0	0	0	0	0	0	0
9	0	121	0	0	0	0	0	0	0	0	0	0
10	32	109	0	0	0	0	0	0	0	0	0	0
11	72	7	0	0	0	0	0	0	0	0	0	0
12	257	0	0	0	0	0	0	0	0	0	0	0
13	309	0	0	0	0	0	0	0	0	0	0	118
14	350	0	0	0	0	0	0	0	0	0	0	58
15	303	0	0	0	0	0	0	0	0	0	0	89
16	297	0	0	0	0	0	0	0	0	0	0	38
17	143	0	0	0	0	0	0	0	0	0	0	76
18	41	0	0	0	0	0	0	0	0	0	0	62
19	103	0	0	0	0	0	0	0	0	0	0	16
20	215	0	0	0	0	0	0	0	0	0	0	0
21	440	0	0	0	0	0	0	0	0	0	0	0
22	428	0	0	0	0	0	0	0	0	0	0	0
23	396	0	0	0	0	0	0	0	0	0	0	0
24	165	0	0	0	0	0	0	0	0	0	0	0
25	38	0	0	0	0	0	0	0	0	0	0	0
26	36	0	0	0	0	0	0	0	0	0	0	0
27	36	0	0	0	0	0	0	0	0	0	0	0
28	16	0	0	0	0	0	0	0	0	0	0	0
29	0	---	0	0	0	0	0	0	0	0	0	0
30	0	---	0	0	0	0	0	0	0	0	0	0
31	0	---	0	---	0	---	0	---	0	---	0	0
S. F.	3677	1166	0	0	0	0	0	0	0	0	0	457
Mean	119	42	0	0	0	0	0	0	0	0	0	15
Max.	440	211	0	0	0	0	0	0	0	0	0	118
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A. F.	7290	2310	0	0	0	0	0	0	0	0	0	910
Total 12 Months -	10510 A. F.											

## ELWOOD RESERVOIR STORAGE IN ACRE-FEET

From Kingsley Reservoir Storage--NW1/4NW1/4, Sec. 32-8-22W.

Year ending December 31, 1983  
 Period of record: October 1978-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	14670	-2010
Jan. 31, 1983	13014	-1656
Feb. 28, 1983	11597	-1417
Mar. 31, 1983	10400	-1197
Apr. 30, 1983	18165	7765
May. 31, 1983	24830	6665
Jun. 30, 1983	26687	1857
Jul. 31, 1983	14384	-12303
Aug. 31, 1983	1857	-12527
Sep. 30, 1983	6483	4626
Oct. 31, 1983	15900	9417
Nov. 30, 1983	17058	1158
Dec. 31, 1983	15420	-1648
Change in storage December 31, 1982 through December 31, 1983		750

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 PHELPS COUNTY CANAL from Platte River via  
 Tri-County Canal--Measured through Parshall  
 flume--SE1/4NW1/4 Sec. 2-8-21 W. near Overton  
 Period of Record: March 1938 - September 1940  
 October 1947 - September 1949, April 1970 - September 1983

JOHNSON RESERVOIR STORAGE IN ACRE-FEET  
 Combined storage in Johnson and Forebay Reservoirs. From Platte  
 River--SW1/4NE1/4, Sec. 4-8-22W. Near Lexington.

Year ending December 31, 1983  
 Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	42560	400
Jan. 31, 1983	43055	495
Feb. 28, 1983	42460	-595
Mar. 31, 1983	41850	-610
Apr. 30, 1983	43165	1315
May 31, 1983	43735	570
Jun. 30, 1983	46060	2325
Jul. 31, 1983	34105	-11955
Aug. 31, 1983	42310	8205
Sep. 31, 1983	42965	655
Oct. 31, 1983	41215	-1750
Nov. 30, 1983	40325	-890
Dec. 31, 1983	37600	-2725
Change in storage December 31, 1982 through December 31, 1983		-4960

Date	May	June	July	Aug.	Sept.
1	0	268	270	954	817
2	12	268	298	898	772
3	54	280	321	855	646
4	54	282	327	839	595
5	54	285	368	832	571
6	66	285	481	813	519
7	75	288	632	817	478
8	75	288	728	828	423
9	75	280	779	835	311
10	97	313	791	843	211
11	130	330	833	843	136
12	156	313	803	828	119
13	119	242	816	820	44
14	72	203	810	824	0
15	72	250	803	813	0
16	70	290	803	802	0
17	51	288	266	809	0
18	46	280	0	828	0
19	46	280	0	839	0
20	46	262	0	809	0
21	46	240	0	798	0
22	45	238	0	779	0
23	44	255	0	490	0
24	89	275	283	275	0
25	156	298	632	272	0
26	194	300	688	270	0
27	212	311	878	280	0
28	214	278	974	280	0
29	250	255	998	371	0
30	278	250	1000	574	0
31	270	--	982	750	--
S.F.	3168	8275	16564	21868	5646
Mean	102	276	534	705	188
Max.	278	330	1000	954	817
Min.	0	203	0	270	0
A.F.	6280	16410	32850	43370	11200
Total 5 Months -					110110 A.F.

DAILY DIVERSIONS OF CANALS--1983  
 THIRTY MILE CANAL from Platte River--Measured through  
 Parshall flume--NW1/4NW1/4 Sec. 30-12-26 W. near Brady  
 Period of Record: May 1928 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	45	66	175	195
2	0	49	64	188	192
3	0	48	64	209	188
4	0	47	87	238	188
5	0	51	109	271	190
6	0	49	103	291	192
7	0	46	116	295	177
8	0	48	151	283	162
9	0	50	188	262	143
10	0	51	224	256	122
11	0	52	237	259	112
12	0	54	256	257	48
13	0	54	289	262	15
14	0	53	318	265	16
15	0	53	328	262	15
16	0	56	309	259	15
17	0	58	289	256	15
18	0	60	237	262	14
19	0	63	220	259	13
20	0	62	238	259	11
21	0	59	250	262	10
22	0	57	262	267	10
23	0	62	289	263	11
24	0	69	301	206	12
25	0	70	250	168	11
26	0	74	241	154	11
27	56	76	224	123	10
28	37	76	192	163	10
29	18	72	182	195	13
30	18	68	180	195	2
31	34	---	178	197	---
S.F.	163	1732	6442	7261	2123
Mean	5	58	208	234	71
Max.	56	76	328	295	195
Min.	0	45	64	123	2
A.F.	320	3440	12780	14400	4210
Total 5 months -					35150 A.F.
Acreeage reported A-1853-19172; A-1976- 3392; A-2077-320; Total-22884					

DAILY DIVERSIONS OF CANALS--1983  
 GOTHENBURG IRRIGATION CANAL from Platte River--Measured  
 through 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 - September 1983

Date	Apr.	May	June	July	Aug.	Sept.
1	0	82	129	105	259	192
2	0	78	143	112	291	192
3	0	86	182	112	283	183
4	0	85	182	116	279	178
5	0	86	162	117	275	182
6	0	85	151	140	271	180
7	0	76	154	167	271	177
8	0	85	167	178	273	131
9	0	94	146	252	273	122
10	0	87	137	287	281	123
11	0	84	138	305	295	126
12	0	85	140	330	281	105
13	0	86	134	332	277	80
14	0	89	112	343	269	79
15	0	85	115	328	279	80
16	0	85	109	313	275	71
17	0	85	125	311	277	58
18	0	90	126	301	277	54
19	0	75	132	259	285	57
20	0	74	128	307	277	50
21	14	75	119	267	283	47
22	60	76	122	269	291	56
23	85	75	126	275	285	53
24	98	76	128	273	265	49
25	102	82	122	252	242	57
26	105	91	129	265	222	57
27	109	91	123	269	224	38
28	108	93	100	263	220	36
29	97	95	99	263	218	13
30	84	95	94	252	213	0
31	---	112	---	244	201	---
S.F.	862	2643	3974	7607	8212	2826
Mean	29	85	132	245	265	94
Max.	109	112	182	343	295	192
Min.	0	74	94	105	201	0
A.F.	1710	5240	7880	15090	16290	5610
Total 6 months -						51820 A.F.
Acreeage reported D-645a-253; D-645b-16180; D-645bR-720; A-3716-996; A-11798-91; A-15580-56; A-15870-13; A-15992-13; Total-18322						

PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF 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

Date	May	June	July	Aug.	Sept.
1	0	26	27	13	0
2	9	29	27	13	0
3	15	31	28	13	2
4	20	32	28	8	5
5	23	25	27	0	18
6	21	27	24	0	25
7	23	33	19	0	25
8	23	33	17	0	25
9	24	32	10	0	25
10	24	33	13	0	25
11	24	32	10	0	25
12	25	32	5	0	26
13	27	32	3	0	26
14	27	30	2	0	13
15	28	24	2	0	0
16	28	30	2	0	0
17	27	30	1	0	0
18	21	32	0	0	0
19	19	32	4	0	0
20	27	32	4	0	0
21	26	32	4	0	0
22	26	32	2	0	0
23	26	30	0	0	0
24	24	31	1	0	1
25	26	32	2	0	5
26	22	32	2	0	5
27	27	32	1	0	2
28	28	32	0	0	0
29	21	30	4	0	0
30	27	29	10	0	0
31	26	---	11	0	---
S.F.	716	919	290	47	253
Mean	23	31	9	2	8
Max.	28	33	28	13	26
Min.	0	24	0	0	0
A.F.	1420	1820	580	90	500
Total 5 Months -	4410 A.F.				

DAILY DIVERSIONS OF CANALS--1983  
SIX MILE CANAL from Platte River--Measured through  
Parshall flume--NW1/4SE1/4 Sec. 11-11-26 W. near Gothenburg  
Period of Record:  
June 1919 - August 1919 August 1922 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	10	17	9	13
2	0	17	9	12	13
3	0	18	9	12	12
4	0	18	7	14	12
5	0	25	7	16	11
6	0	30	6	14	11
7	0	32	6	17	11
8	0	41	11	19	11
9	0	26	8	19	12
10	0	8	19	17	12
11	0	8	26	22	10
12	0	8	22	20	10
13	0	8	19	26	9
14	0	7	21	28	9
15	0	6	23	22	7
16	0	5	8	19	1
17	0	5	2	24	1
18	0	5	2	21	1
19	0	6	1	19	1
20	0	8	0	18	1
21	0	8	0	16	1
22	0	6	0	17	1
23	0	5	1	16	2
24	0	5	12	26	2
25	1	5	22	29	2
26	2	6	25	16	1
27	2	29	25	12	1
28	2	35	18	12	1
29	2	31	18	12	1
30	2	27	16	12	0
31	2	---	12	12	---
S.F.	13	448	372	548	180
Mean	0	15	12	18	6
Max.	2	41	26	29	13
Min.	0	5	0	9	0
A.F.	30	890	740	1090	360
Total 5 months -	3110 A.F.				
Acreage reported	D-680R-1288				

DAILY DIVERSIONS OF CANALS--1983  
COZAD CANAL from Platte River--Measured through  
Parshall flume--S1/4SE1/4 Sec. 16-11-25 W. near Gothenburg  
Period of Record: June 1918 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	59	188	151
2	0	0	62	188	51
3	0	10	63	188	0
4	0	36	70	190	0
5	0	40	76	197	0
6	0	44	76	201	0
7	0	51	80	201	0
8	18	60	125	195	0
9	38	54	160	192	0
10	36	52	167	194	0
11	35	53	213	195	0
12	40	52	231	195	0
13	40	46	229	195	0
14	43	44	235	194	0
15	49	43	246	187	0
16	46	45	252	185	0
17	36	47	271	185	0
18	35	47	285	187	0
19	25	45	285	190	0
20	22	45	285	188	0
21	22	47	281	188	0
22	32	45	271	192	0
23	32	45	260	187	0
24	36	45	252	177	0
25	34	45	248	162	0
26	34	47	239	151	0
27	34	49	222	149	0
28	28	49	199	149	0
29	27	49	188	152	0
30	30	50	188	152	0
31	12	---	188	151	---
S.F.	784	1285	6006	5645	202
Mean	25	43	194	182	7
Max.	49	60	285	201	151
Min.	0	0	59	149	0
A.F.	1560	2550	11910	11200	400
Total 5 Months -	27620 A.F.				
Acreage reported	D-626-16582				

DAILY DIVERSIONS OF CANALS--1983  
ORCHARD-ALFALFA CANAL from Platte River--Measured through  
Parshall flume--SW1/4SW1/4 Sec. 10-10-24 W. near Cozad  
Period of Record: June 1918 - October 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	26	4	13	51	60	37
2	0	4	12	48	60	14
3	15	4	12	56	58	0
4	24	4	11	59	58	0
5	25	5	10	64	57	0
6	25	6	9	66	51	0
7	25	8	18	65	52	0
8	25	10	23	64	50	0
9	25	11	21	61	51	0
10	25	11	19	60	51	0
11	24	11	16	61	45	0
12	24	11	9	53	36	0
13	19	12	4	53	32	0
14	12	12	2	56	31	0
15	16	12	1	56	31	0
16	20	12	0	61	32	0
17	20	13	0	61	32	0
18	21	13	0	64	32	0
19	21	13	0	66	39	0
20	22	14	0	61	45	0
21	22	14	4	59	43	0
22	22	14	38	59	49	0
23	22	14	58	61	53	0
24	21	14	64	53	53	0
25	21	14	60	51	45	0
26	22	14	66	51	47	0
27	22	13	65	52	44	0
28	22	13	63	52	38	0
29	22	13	64	57	36	0
30	16	13	60	59	36	0
31	4	---	52	58	---	0
S.F.	630	326	774	1798	1347	51
Mean	20	11	25	58	45	2
Max.	26	14	66	66	60	37
Min.	0	4	0	48	31	0
A.F.	1250	650	1540	3570	2670	100
Total 6 months -	9780 A.F.					
Acreage reported	D-627-5975					



PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR SMITHFIELD  
SE1/4SW1/4 Sec. 21-8-21 W. Period of Record: October 1980 - December 1983

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar year 1983 26 Cubic Feet Per Second at 1500 hours on May 18, 1983 at a Gage Height of 4.39 Feet. No peak above a base of 80 Cubic Feet per Second. Minimum Daily Discharge, 0.16 Cubic Feet per Second on November 28, 1983.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	.44	1.7	5.6	6.9	5.4	4.2	4.5	3.5	3.5	2.1	2.6	.46
2	.32	1.3	5.5	6.6	15	4.2	4	3.6	3.7	4.5	2.9	.36
3	.19	.8	4.7	5.9	9.8	4.7	3.9	3.8	3.6	11	3.1	.34
4	.21	.4	4.7	5.2	6	4.7	3.9	2.9	3.2	6.3	3.2	.24
5	3.3	1	5.6	5.3	5.1	4.4	3.6	2.6	3	3.9	4.9	.2
6	8.2	1	9.5	5.5	5	4	3.2	2.5	2.1	3.2	4	.3
7	6.4	1.1	8.2	6.1	5.7	4.4	3.2	2.1	2.4	2.4	3.4	.35
8	5.5	1.1	6.6	5.9	6.2	4	3.2	2.1	2.6	2.3	3.6	.4
9	4.8	1.3	4.8	5.3	4.6	3.9	3	2	2.4	3.1	3.7	.45
10	4.9	1.3	4.6	5.2	4.2	3.9	2.9	2	2.1	3.6	4	.5
11	4.2	1.7	4.7	5.1	4.4	3.9	2.9	2	2	3.3	4.7	.5
12	3.9	2.1	4.4	5	4.4	3.9	2.7	2.3	2.9	3	4.1	.5
13	4.3	3.1	4.4	4.9	4.6	4.2	2.6	2.8	2.8	2.8	4.1	.5
14	2.8	5.3	4.7	5.6	5.5	4.1	2.9	3.4	3	2.6	4.4	.5
15	2.6	8.2	4.6	6.1	4.6	4.4	2.8	3.7	2.1	2.6	4.6	.45
16	3	9.2	4.6	6.6	5.1	3.9	2	3.8	2.3	3	4.4	.4
17	2.6	8.7	4.7	6	6.9	4.2	3	3.9	2.2	3.7	3.9	.2
18	1.3	6.9	4.5	5.3	18	5	2.3	2.8	2.3	2.8	3.7	.18
19	1.3	6.8	4.8	5.1	15	5.7	2	2.4	2	2.5	4.3	.16
20	1.5	6.9	3.8	5	7.8	4.5	1.7	1.6	1.7	2.6	4.4	.16
21	1.8	6.4	3.8	5.4	16	4.4	1.8	1.9	1.6	2.7	4.5	.2
22	1.9	4.6	4.5	4.5	13	4	1.4	2.7	1.4	4.8	4.4	.2
23	2	5.5	6.1	4.4	7.6	3.6	1.2	6.7	1.8	4.7	3.6	.2
24	2.1	6.1	5.1	4.4	6.8	3.4	1.1	1.6	1.8	3.9	3.4	.2
25	2.4	6.2	5.4	4.2	5.7	3.2	1.3	4.5	1.9	4.5	3.8	.2
26	2.6	4.6	6	3.9	5.1	3.2	1.9	4	2.1	4.9	3.6	.25
27	2.4	5.4	13	4.4	5.1	4	3.2	3.9	2.1	4.9	8.8	.3
28	2.4	5.6	8.4	4.2	9.2	4	3.6	4.2	2	5.8	1.6	.35
29	1.9	---	7.4	4.1	6.7	4.3	3.6	4.4	2.1	4.7	6.4	.4
30	1.4	---	7	4.2	4.7	4.6	3.9	3.9	1.8	3.6	4.4	.4
31	1.7	---	7.1	---	4.2	---	3.6	3.6	---	2.8	---	.4
S.F.	84.36	114.2	178.8	156.3	227.4	124.9	86.9	111.6	70.5	118.6	103.4	10.25
Mean	3	4	6	5	7	4	3	4	2	4	3	0
Max.	8.2	9.2	13	6.9	18	5.7	4.5	16	3.7	11	4.9	.5
Min.	.19	.4	3.8	3.9	4.2	3.2	1.1	1.6	1.4	2.1	.16	.16
A.F.	170	230	350	310	450	250	170	220	140	240	210	20
Total 12 Months	- 2760 A.F.											

DISCHARGE IN SECOND-FEET OF STREVER (SPRING)  
CREEK NEAR OVERTON--NE1/4NW1/4 Sec. 1-8-20 W.  
Period of Record:  
October 1932 - September 1934, October 1936 - September 1983

Date	May	June	July	Aug.	Sept.
1	115	52	56	103	72
2	115	50	47	106	70
3	68	45	45	106	61
4	43	43	42	85	60
5	37	43	42	73	64
6	37	43	43	64	67
7	36	42	39	68	78
8	33	35	36	72	81
9	30	33	39	65	76
10	30	32	50	67	72
11	28	30	64	62	77
12	28	31	57	68	82
13	29	33	62	68	84
14	28	35	54	76	80
15	28	35	29	78	78
16	28	35	37	71	79
17	31	36	44	71	74
18	32	60	54	62	70
19	139	80	62	50	66
20	90	100	38	50	62
21	59	52	35	50	50
22	43	47	40	48	52
23	43	37	53	52	51
24	39	35	57	81	60
25	49	34	61	92	54
26	62	39	56	85	48
27	63	43	74	82	43
28	59	50	82	88	47
29	56	68	92	95	47
30	53	64	88	82	56
31	52	---	95	75	---
S.F.	1583	1362	1683	2295	1961
Mean	51	45	54	74	65
Max.	139	100	95	106	84
Min.	28	30	29	48	43
A.F.	3140	2700	3340	4550	3890
Total 5 months	- 17620 A.F.				

DISCHARGE IN SECOND-FEET OF 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 1983

Date	May	June	July	Aug.	Sept.
1	2	12	87	94	63
2	11	12	62	90	65
3	20	12	54	90	59
4	29	36	45	85	62
5	19	41	43	74	67
6	17	47	39	70	72
7	11	43	46	71	76
8	10	51	48	73	82
9	10	49	36	74	80
10	9	49	38	75	78
11	9	47	41	67	74
12	9	46	51	63	70
13	10	46	45	58	63
14	9	42	33	75	69
15	8	42	38	78	72
16	8	45	24	82	60
17	12	48	22	78	54
18	22	45	22	66	59
19	15	68	27	55	65
20	30	95	22	48	68
21	25	112	23	51	72
22	15	89	21	55	69
23	12	63	24	60	68
24	12	57	41	71	56
25	12	52	60	74	60
26	12	49	57	88	64
27	8	42	63	82	63
28	15	94	72	80	57
29	14	106	78	77	56
30	12	122	85	76	60
31	12	---	90	77	---
S.F.	419	1662	1437	2257	1983
Mean	14	55	46	73	66
Max.	30	122	90	94	82
Min.	2	12	21	48	54
A.F.	830	3300	2850	4480	3930
Total 5 Months	- 15390 A.F.				



PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 KEARNEY IRRIGATION CANAL from Platte River  
 Computed from the discharge record for the  
 Kearney Canal for power and irrigation

Period of Record:  
 May 1970 - September 1970, October 1972 -November 1983

Date	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
1	0	0	24	14	59	67	0	12
2	0	0	15	7	67	57	0	12
3	6	15	33	13	69	51	0	12
4	6	0	19	13	77	46	45	7
5	4	0	20	6	73	48	16	0
6	0	0	28	11	66	52	4	0
7	0	0	18	10	65	47	36	0
8	0	27	35	25	69	59	6	0
9	0	37	21	20	79	48	11	0
10	0	11	30	33	74	48	26	0
11	0	6	18	72	71	66	15	0
12	0	28	3	54	70	34	18	0
13	0	0	30	49	41	21	60	0
14	0	0	17	57	46	23	0	0
15	0	0	17	55	56	0	0	0
16	1	3	33	46	69	0	29	0
17	0	167	10	30	70	0	26	0
18	0	225	0	57	70	0	23	0
19	0	254	0	63	66	0	18	0
20	0	254	67	61	66	0	15	0
21	0	249	27	70	58	0	16	0
22	0	240	0	36	55	4	15	0
23	0	234	2	56	49	0	14	0
24	0	205	12	48	48	0	13	0
25	0	162	2	56	50	0	12	0
26	0	168	1	58	51	25	12	0
27	0	205	0	45	58	10	12	0
28	0	134	26	62	56	10	12	0
29	1	41	4	57	46	13	11	0
30	0	30	11	61	44	13	11	0
31	---	32	---	58	62	---	12	---
S.F.	18	2727	523	1303	1900	742	488	43
Mean	1	88	17	42	61	25	16	1
Max.	6	254	67	72	79	67	60	12
Min.	0	0	0	6	41	0	0	0
A.F.	40	5410	1040	2580	3770	1470	970	90
Total 8 Months - 15370 A.F.								
Acreage reported D-1023-3681, A-8399-1676, A-9844-768, A-10168-160, A-10871-300, A-14859-390, Total-6975								

DAILY DIVERSIONS OF CANALS--1983  
 KEARNEY POWER RETURN to Platte River  
 Measured in section of canal--NNE1/4NE1/4 Sec. 3-8-16 W. in Kearney  
 Period of Record: October 1939 - December 1983

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	277	260	241	271	249	285	0	0
2	0	0	0	0	246	273	245	258	258	280	0	0
3	0	0	0	130	240	263	237	253	264	251	0	0
4	0	0	0	155	297	281	237	240	268	210	0	0
5	0	0	0	190	290	282	246	242	272	282	0	0
6	0	0	0	210	277	272	249	253	272	282	0	0
7	0	0	0	225	199	270	263	258	273	271	0	0
8	0	0	0	249	181	266	253	259	275	315	0	0
9	0	0	0	266	273	279	254	255	285	308	0	0
10	0	0	0	272	299	266	237	255	288	294	0	0
11	0	0	0	266	297	277	230	255	297	286	0	0
12	0	0	0	272	270	289	246	256	327	270	0	0
13	0	0	0	273	277	234	246	279	316	230	0	0
14	0	0	0	284	245	210	241	281	311	203	0	0
15	0	0	0	285	225	215	234	276	310	35	0	0
16	0	0	0	286	212	225	240	264	256	0	0	0
17	0	0	0	294	66	258	232	263	247	0	0	0
18	0	0	0	293	20	251	194	263	238	0	0	0
19	0	0	0	297	0	253	193	259	225	0	0	0
20	0	0	0	301	0	204	201	259	230	0	0	0
21	0	0	0	288	0	264	216	267	229	0	0	0
22	0	0	0	280	0	284	260	258	218	0	0	0
23	0	0	0	251	0	268	251	271	227	0	0	0
24	0	0	0	271	0	251	260	276	238	0	0	0
25	0	0	0	263	0	254	259	277	240	0	0	0
26	0	0	0	260	0	255	256	273	244	0	0	0
27	0	0	0	264	0	267	272	272	284	0	0	0
28	0	0	0	264	174	233	263	285	284	0	0	0
29	0	---	0	275	273	254	265	285	282	0	0	0
30	0	---	0	293	280	245	264	280	282	0	0	0
31	0	---	0	---	251	---	272	259	---	---	---	---
S.F.	0	0	0	7257	5169	7703	7558	8202	7989	3802	0	0
Mean	0	0	0	242	167	257	244	265	266	127	0	0
Max.	0	0	0	301	299	289	272	285	327	315	0	0
Min.	0	0	0	0	0	204	193	240	218	0	0	0
A.F.	0	0	0	14390	10250	15280	14990	16270	15850	7540	0	0
Total 12 months - 94570 A.F.												

PLATTE RIVER BASIN

( LOUP RIVER )

DAILY DIVERSIONS OF CANALS--1983  
 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 - November 1983

Date	May	June	July	Aug.	Sept.	Oct.	Nov.
1	0	0	47	89	232	239	163
2	0	0	49	134	246	248	130
3	0	0	48	174	234	222	66
4	0	0	48	188	246	202	15
5	0	0	46	202	247	188	0
6	0	40	48	204	254	161	0
7	0	58	49	204	263	160	0
8	0	66	51	198	222	161	0
9	0	63	84	188	243	162	0
10	0	58	96	191	238	162	0
11	0	59	116	195	242	164	0
12	0	60	148	191	239	165	0
13	0	58	190	188	237	164	0
14	0	64	208	185	238	160	0
15	0	63	202	196	247	163	0
16	0	63	122	216	242	162	0
17	0	61	60	243	228	161	0
18	0	63	66	237	225	161	0
19	0	68	68	227	231	168	0
20	0	68	74	224	256	171	0
21	0	68	99	225	225	166	0
22	0	67	151	226	222	164	0
23	0	66	173	226	243	162	0
24	0	65	163	232	244	163	0
25	0	65	193	210	237	163	0
26	0	69	212	216	243	162	0
27	0	54	157	216	242	162	0
28	0	46	95	225	242	162	0
29	0	42	87	225	244	164	0
30	0	41	81	220	244	163	0
31	0	---	79	210	---	163	---
S.F.	0	1495	3310	6305	7196	5338	374
Mean	0	50	107	203	240	172	12
Max.	0	69	212	243	263	248	163
Min.	0	0	46	89	222	160	0
A.F.	0	2970	6570	12510	14270	10590	740

Total 7 Months - 47650 A.F.  
 Acreage reported A-4841a-13828, A-10260c-Supp,  
 A-12433-67, A-12632-56, A-15029-70, Total-14021

DAILY DIVERSIONS OF CANALS--1983  
 MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
 CANAL NO. 1 from Middle Loup River--Measured through  
 rating flume--SW1/4NW1/4 Sec. 14-19-18 W. near Sargent  
 Period of Record:  
 March 1938 - September 1943, May 1947 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	5	0	32	26
2	0	8	0	32	26
3	0	9	0	34	29
4	0	10	0	36	27
5	0	12	0	37	27
6	0	11	7	40	27
7	0	11	11	39	24
8	0	10	16	39	26
9	0	13	15	41	27
10	0	14	15	40	29
11	0	9	21	39	29
12	0	8	24	39	28
13	0	11	28	38	26
14	0	14	29	38	26
15	0	12	33	37	26
16	0	14	36	36	23
17	0	14	36	34	22
18	0	12	39	35	21
19	0	11	43	39	8
20	0	11	50	35	0
21	0	11	54	35	0
22	0	11	54	36	0
23	0	12	55	32	0
24	0	14	54	30	0
25	0	12	49	30	0
26	0	10	52	26	0
27	0	8	41	24	0
28	0	0	38	24	0
29	0	0	36	24	0
30	0	0	34	26	0
31	0	---	33	28	---
S.F.	0	295	902	1055	477
Mean	0	10	29	34	16
Max.	0	14	55	41	29
Min.	0	0	0	24	0
A.F.	0	590	1790	2090	950

Total 5 Months - 5420 A.F.  
 Acreage reported A-2293-2360, A-3979a-  
 1162, A-3979a-Supp, A-3981a-185, A-8692-  
 43, A-8930-63, Total-3813

DAILY DIVERSIONS OF CANALS--1983  
 MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
 CANAL NO. 2 from Middle Loup River--Measured through  
 rating flume--NE1/4NW1/4 Sec. 14-19-18W. near Sargent  
 Period of Record:  
 May 1938 - September 1943, May 1947 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	14	0	21	25
2	0	22	0	24	16
3	0	19	0	29	29
4	0	15	0	45	23
5	0	18	0	50	23
6	0	17	11	45	28
7	0	17	15	42	19
8	0	15	18	37	31
9	0	15	14	36	24
10	0	13	12	40	26
11	0	14	28	39	27
12	0	15	36	46	25
13	0	15	35	46	20
14	0	16	41	45	19
15	0	18	52	43	13
16	0	16	52	42	11
17	0	16	50	43	11
18	0	16	47	39	10
19	0	15	42	44	10
20	0	14	50	45	4
21	0	12	53	46	0
22	0	12	51	48	0
23	0	11	51	36	0
24	0	11	56	15	0
25	0	9	50	15	0
26	0	9	45	12	0
27	0	31	26	11	0
28	0	3	19	11	0
29	0	0	18	15	0
30	0	0	15	19	0
31	0	---	18	26	---
S.F.	0	418	905	1055	394
Mean	0	14	29	34	13
Max.	0	31	56	50	31
Min.	0	0	0	11	0
A.F.	0	830	1800	2090	780

Total 5 Months - 5500 A.F.  
 Acreage reported A-2293-2536, A-2678-  
 212, A-3979b-3348, A-3979b-Supp, A-3981b-  
 370, A-3981b-Supp, A-4131-110, A-6623-40,  
 A-12842-76, Total-6692

DAILY DIVERSIONS OF CANALS--1983  
 MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
 CANAL NO. 3 from Middle Loup River--Measured through  
 rating flume--SW1/4NW1/4 Sec. 6-17-16 W. near Comstock  
 Period of Record:  
 April 1938 - September 1943, May 1947 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	49	94
2	0	0	0	54	95
3	0	0	0	71	90
4	0	0	0	88	87
5	0	0	14	107	89
6	0	0	43	109	77
7	0	24	58	105	70
8	0	40	65	102	63
9	0	44	65	105	56
10	0	46	68	109	54
11	0	46	68	109	47
12	0	46	78	109	47
13	0	42	84	108	43
14	0	39	95	106	42
15	0	37	110	103	37
16	0	37	115	103	26
17	0	37	109	104	25
18	0	36	108	103	24
19	0	37	108	102	22
20	0	36	107	104	19
21	0	36	106	105	19
22	0	36	110	103	19
23	0	36	112	85	12
24	0	36	106	66	0
25	0	36	100	66	0
26	0	36	100	67	0
27	0	40	66	66	0
28	0	13	50	66	0
29	0	0	42	60	0
30	0	0	40	98	0
31	0	---	37	95	---
S.F.	0	816	2161	2845	1164
Mean	0	27	70	92	39
Max.	0	46	115	109	95
Min.	0	0	0	49	0
A.F.	0	1620	4290	5640	2310

Total 5 Months - 13860 A.F.  
 Acreage Reported A-2293c-4277, A-2678cR-  
 110, A-3979cR-7414, A-3979cR-Supp, A-3981cR-  
 87, A-3981cR-Supp, A-4360-117, A-12179-40,  
 A-12768-70, A-13682-56, Total-12171



PLATTE RIVER BASIN

( LOUP RIVER )

DAILY DIVERSIONS OF CANALS--1983  
MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
CANAL NO. 4 from Middle Loup River--Measured through  
rating flume--SW1/4SW1/4 Sec. 31-18-16 W. near Comstock  
Period of Record:  
May 1938 - September 1943, May 1947 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	46	81
2	0	0	0	56	84
3	0	0	0	67	84
4	0	0	0	77	84
5	0	0	15	89	86
6	0	0	34	94	94
7	0	30	48	94	82
8	0	54	58	94	75
9	0	53	60	88	70
10	0	52	62	83	64
11	0	54	60	85	64
12	0	50	77	90	59
13	0	39	100	95	53
14	0	39	110	95	48
15	0	41	110	96	40
16	0	42	114	95	38
17	0	43	123	95	38
18	0	44	123	90	38
19	0	46	121	86	15
20	0	44	120	95	0
21	0	42	121	97	0
22	0	44	130	97	0
23	0	44	131	83	0
24	0	44	127	67	0
25	0	44	120	50	0
26	0	43	116	50	0
27	0	26	78	51	0
28	0	7	77	52	8
29	0	0	60	70	18
30	0	0	38	74	18
31	0	---	37	76	---
S. F.	0	925	2371	2477	1241
Mean	0	31	76	80	41
Max.	0	54	131	97	94
Min.	0	0	0	46	0
A. F.	0	1830	4700	4910	2460

Total 5 Months - 13900 A.F.  
Acreage reported A-2293R-5906, A-2678R-84, A-3979dR-4234, A-3979dR-Supp, A-3981dR-657, A-3981dR-Supp, A-5139-215, A-10161-317, A-10175-56, A-12197-68, A-12198-70, A-12673-59, A-13590-78, Total-11824

DAILY DIVERSIONS OF CANALS--1983

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1983

Diversion:	May	June	July	Aug.	Sept.	Total
Canal No. 1.....	0	580	1790	2090	950	5410
Canal No. 2.....	0	830	1800	2090	780	5500
Canal No. 3.....	0	1620	4290	5640	2310	13860
Canal No. 4.....	0	1830	4700	4910	2460	13900
Total diversions....	0	4860	12580	14730	6500	38670

DAILY DIVERSION OF CANALS--1983  
FARWELL 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 - October 1983

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	354	211	226	434	389	410
2	0	352	209	238	416	356	410
3	0	334	207	249	354	354	379
4	0	352	209	251	320	364	320
5	0	352	209	267	334	362	273
6	0	349	187	296	339	382	226
7	0	342	76	337	339	359	175
8	0	349	68	356	349	374	132
9	0	354	52	374	362	395	90
10	0	354	96	389	352	384	38
11	0	356	187	408	322	392	0
12	0	347	197	379	303	416	0
13	0	354	211	337	310	405	0
14	0	354	215	320	310	413	0
15	0	356	221	296	313	405	0
16	0	356	238	332	313	402	0
17	0	356	251	416	294	405	0
18	0	359	269	410	234	405	0
19	0	369	269	408	189	410	0
20	38	362	262	402	217	402	0
21	83	359	289	308	236	395	0
22	135	362	310	318	236	395	0
23	181	315	310	320	280	416	0
24	207	213	334	372	377	421	0
25	234	135	334	366	405	418	0
26	285	5	339	339	397	416	0
27	325	89	372	369	402	410	0
28	349	127	327	434	402	418	0
29	354	128	280	437	384	416	0
30	354	125	253	426	397	410	0
31	---	166	---	421	408	---	---
S. F.	2545	9085	6992	10801	10328	11899	2453
Mean	85	293	233	348	333	397	79
Max.	354	369	372	437	434	421	410
Min.	0	5	52	226	189	356	0
A. F.	5050	18020	13870	21420	20490	23600	4870

Total 7 Months - 107320 A.F.  
Acreage Reported A-4423-48311, A-5710-1485, A-10260A & B Supp, A-10470-320, Total-50116

DAILY DIVERSIONS OF CANALS--1983  
FARWELL MAIN CANAL from Middle Loup River  
Measured through six constant head orifice gates  
NW1/4SW1/4 Sec. 1-15-14 W. Below Sherman Reservoir  
Period of Record: October 1964 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	121	230	335
2	0	0	125	269	368
3	0	0	125	326	352
4	0	0	125	367	345
5	0	0	125	388	286
6	0	0	130	367	284
7	0	0	137	354	278
8	0	0	140	330	246
9	0	0	160	325	215
10	0	24	168	330	190
11	0	96	234	335	163
12	0	98	311	335	132
13	0	98	380	320	107
14	0	97	435	315	102
15	0	97	456	281	81
16	0	103	435	288	0
17	0	114	424	314	0
18	0	114	418	341	0
19	0	114	401	349	0
20	0	125	401	349	0
21	0	132	401	349	0
22	0	138	424	356	0
23	0	142	401	341	0
24	0	142	389	170	0
25	0	142	395	106	0
26	0	140	382	104	0
27	0	140	362	104	0
28	0	137	260	105	0
29	0	120	198	110	0
30	0	120	174	203	0
31	0	---	183	277	---
S. F.	0	2433	8820	8738	3504
Mean	0	81	285	282	117
Max.	0	142	456	388	368
Min.	0	0	121	104	0
A. F.	0	4830	17490	17330	6950

Total 5 Months - 46600 A.F.

PLATTE RIVER BASIN

( LOUP RIVER )

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	80	155	152
2	0	0	80	196	202
3	0	0	80	233	217
4	0	0	80	241	214
5	0	0	75	245	195
6	0	0	74	241	196
7	0	0	72	241	184
8	0	0	77	226	155
9	0	0	83	217	152
10	0	15	85	212	139
11	0	52	107	211	134
12	0	51	147	216	96
13	0	51	191	200	76
14	0	51	253	194	52
15	0	58	290	194	35
16	0	67	294	203	0
17	0	67	294	217	0
18	0	67	290	231	0
19	0	67	294	241	0
20	0	77	308	235	0
21	0	81	315	232	0
22	0	93	308	223	0
23	0	97	299	205	0
24	0	97	292	142	0
25	0	97	275	108	0
26	0	97	270	100	0
27	0	97	263	94	0
28	0	88	223	92	0
29	0	83	188	92	0
30	0	80	158	126	0
31	0	---	146	163	---
S.F.	0	1533	5991	5926	2199
Mean	0	51	193	191	73
Max.	0	97	315	245	217
Min.	0	0	72	92	0
A.F.	0	3040	11880	11750	4360
Total 5 Months	-	31030	A.F.		

DAILY DIVERSIONS OF CANALS--1983  
 FARWELL MAIN and SOUTH CANALS (Combined Flow)  
 NW1/4SW1/4 Sec. 1-15-14 W. Below Sherman Reservoir  
 Period of Record: October 1965 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	201	385	487
2	0	0	205	465	570
3	0	0	205	559	569
4	0	0	205	608	559
5	0	0	200	633	481
6	0	0	204	608	480
7	0	0	209	595	462
8	0	0	217	556	401
9	0	0	243	542	367
10	0	39	253	542	329
11	0	148	341	546	317
12	0	149	458	551	228
13	0	149	571	520	183
14	0	148	688	509	154
15	0	155	746	475	116
16	0	170	729	491	0
17	0	181	718	531	0
18	0	181	708	572	0
19	0	181	695	590	0
20	0	202	709	584	0
21	0	213	716	581	0
22	0	231	732	579	0
23	0	239	700	546	0
24	0	239	681	312	0
25	0	239	670	214	0
26	0	237	652	204	0
27	0	237	625	198	0
28	0	225	483	197	0
29	0	203	386	202	0
30	0	200	332	329	0
31	0	---	329	440	---
S.F.	0	3966	14611	14664	5703
Mean	0	132	478	473	190
Max.	0	239	746	633	570
Min.	0	0	200	197	0
A.F.	0	7870	29380	29090	11310
Total 5 Months	-	77650	A.F.		

DAILY DIVERSIONS OF CANALS--1983  
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 TAYLOR-ORD CANAL from North Loup River--Measured through  
 rating flume--NE1/4NE1/4 Sec. 20-21-18 W. near Taylor  
 Period of Record:  
 April 1939 - September 1943, May 1947 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	14	12	121	83
2	0	11	59	119	104
3	0	11	64	144	138
4	0	11	62	178	151
5	0	10	62	195	178
6	0	12	56	198	176
7	0	14	67	196	175
8	0	15	75	189	167
9	0	16	81	186	151
10	0	15	87	188	130
11	0	16	106	199	125
12	0	18	133	196	117
13	0	23	159	187	100
14	0	16	193	181	91
15	0	15	216	179	79
16	0	20	203	171	69
17	0	23	181	171	58
18	0	23	155	184	57
19	0	35	139	193	24
20	0	56	147	194	0
21	0	12	163	196	0
22	0	5	169	186	0
23	31	5	150	32	0
24	10	60	180	36	0
25	23	50	196	53	0
26	24	56	196	60	0
27	28	21	167	74	0
28	29	3	138	36	0
29	23	0	137	81	0
30	19	0	133	81	0
31	20	---	124	82	---
S.F.	207	586	4040	4486	2173
Mean	7	20	130	145	72
Max.	31	60	216	199	178
Min.	0	0	12	32	0
A.F.	410	1160	8010	8900	4310
Total 5 months	-	22790	A.F.		
Acreage reported A-2155-136, A-2312-12413, A-2417R-183, A-3215A-853, A-3768R-54, A-3980A-Supp, A-3980A-1326, A-3982A-Supp, A-4400-29, A-6430-54, A-7600-12, A-7854-29, A-10199-34, A-11379-8, A-11447-24, A-11648-11, A-11706-35, A-13475-28, A-15442-6, A-15460-23, A-15569-16, A-15821-30, Total-15304					

DAILY DIVERSIONS OF CANALS--1983  
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 BURWELL-SUMTER CANAL from North Loup River--Measured through  
 rating flume--NE1/4NW1/4 Sec. 19-21-15 W. near Burwell  
 Period of Record:  
 April 1939 - September 1943, May 1947 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	32	15	47	55
2	0	32	44	50	54
3	0	31	34	62	60
4	0	31	33	65	59
5	0	31	34	79	58
6	0	32	34	98	58
7	0	33	32	94	57
8	0	32	32	94	47
9	0	28	45	115	51
10	0	26	54	111	52
11	0	26	61	107	54
12	0	25	75	106	55
13	0	22	101	106	53
14	0	22	116	110	43
15	0	26	121	106	33
16	84	26	118	109	25
17	46	30	99	104	28
18	28	33	91	100	27
19	19	37	76	98	27
20	20	39	77	106	29
21	22	38	89	109	29
22	22	37	95	101	28
23	23	32	94	0	28
24	29	31	113	0	28
25	30	32	105	0	28
26	38	32	111	6	28
27	41	23	94	27	27
28	36	16	70	54	26
29	35	11	55	54	26
30	35	7	52	55	12
31	34	---	47	56	---
S.F.	542	853	2217	2330	1185
Mean	17	28	72	75	40
Max.	84	39	121	115	60
Min.	0	7	15	0	12
A.F.	1080	1690	4400	4620	2350
Total 5 months	-	14140	A.F.		
Acreage reported A-2312B-5683, A-3215B-1121, A-3772-75, A-3828-39, A-3980B-Supp, A-3980B-1347, A-3982B-Supp, A-6578-38, A-6943-16, A-9809-20, A-10443-37, A-11856-40, A-12017-16, A-12355-106, A-13402-47, A-13474-64, A-14566-66, A-14777-56, A-14778-34, A-15935-54, Total-8859					

PLATTE RIVER BASIN  
( LOUP RIVER )

DAILY DIVERSIONS OF CANALS--1983  
NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
ORD-NORTH LOUP CANAL from North Loup River--Measured through  
rating flume--NW1/4NE1/4 Sec. 36-19-14 W. near Ord  
Period of Record:  
April 1939 - September 1943, May 1947 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	27	4	40	48
2	0	27	22	39	54
3	0	28	23	50	58
4	0	28	23	65	57
5	0	28	20	80	59
6	0	27	20	91	59
7	0	29	19	95	58
8	0	28	21	97	51
9	0	28	30	99	40
10	0	28	42	100	36
11	0	27	62	101	37
12	31	27	75	97	35
13	46	28	92	90	23
14	17	27	101	80	22
15	17	28	107	77	19
16	19	30	110	68	17
17	23	33	109	67	16
18	20	28	108	70	14
19	19	23	106	72	4
20	20	25	109	74	0
21	22	22	110	74	0
22	22	23	108	74	0
23	22	23	109	23	0
24	19	22	108	21	0
25	16	22	106	23	0
26	25	23	105	29	0
27	27	8	65	24	0
28	28	0	28	22	0
29	28	0	27	29	0
30	28	0	32	44	0
31	28	---	34	47	---
S. F.	477	697	2035	1962	707
Mean	15	23	66	63	24
Max.	46	33	110	101	59
Min.	0	0	4	21	0
A. F.	950	1380	4040	3890	1400
Total 5 Months - 11660 A.F.					
Acreage reported A-2312R-5647, A-3215C-325, A-3672-58, A:3980C-613, A-3980C-Supp, A-3982C-Supp, A-4231-26, A-10209-87, A-10583-74, A-10584-77, A-10842-23, A-14120-48, A-14741-14, A-14814-40, A-15031-75, A-15236-40, A-15898-12, A-16082-16, Total-7175					

DAILY DIVERSIONS OF CANALS--1983

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1983

	May	June	July	Aug.	Sept.	Total
Diversions:						
Taylor-Ord Canal.....	410	1160	8010	8900	4310	22790
Burwell-Sumter Canal.	1080	1690	4400	4620	2350	14140
Ord-North Loup Canal.	950	1380	4040	3890	1400	11660
Total diversion.....	2440	4230	16450	17410	8060	48590

PLATTE RIVER BASIN  
( ELKHORN RIVER )

WILLOW CREEK RESERVOIR STORAGE IN ACRE-FEET

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

September 1983-December 1983

Period of Record:

September 1983-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 28, 1983	1068	1068
Oct. 12, 1983	1205	137
Oct. 28, 1983	1483	278
Oct. 31, 1983	1527	44
Nov. 2, 1983	1560	33
Nov. 17, 1983	1807	247
Dec. 31, 1983	2496 *	689

\* Computed by interpolation.

Change in Storage September 28, 1983 through December 31, 1983	1428
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( 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.

Year ending December 31, 1983

Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	1245	9
Jan. 31, 1983	1273	28
Feb. 28, 1983	1467	194
Mar. 31, 1983	1633	166
Apr. 30, 1983	1481	-152
May 31, 1983	1490	9
Jun. 30, 1983	1636	146
Jul. 31, 1983	1390	-246
Aug. 31, 1983	1283	-107
Sep. 30, 1983	1192	-91
Oct. 31, 1983	1154	-38
Nov. 30, 1983	1155	1
Dec. 31, 1983	1139	-16

Change in storage December 31, 1982 through December 31, 1983	-106
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BLUE STEM LAKE (NO. 4) STORAGE IN ACRE-FEET

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

Year ending December 31, 1983

Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	2550	-14
Jan. 31, 1983	2665	115
Feb. 28, 1983	3120	455
Mar. 31, 1983	3369	249
Apr. 30, 1983	3095	-274
May 31, 1983	3085	-10
Jun. 30, 1983	3281	196
Jul. 31, 1983	2864	-417
Aug. 31, 1983	2644	-220
Sep. 30, 1983	2478	-166
Oct. 31, 1983	2381	-97
Nov. 30, 1983	2386	5
Dec. 31, 1983	2353	-33

Change in storage December 31, 1982 through December 31, 1983	-197
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## PLATTE RIVER BASIN

## ( SALT CREEK )

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

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

Year ending December 31, 1983  
Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	2530	35
Jan. 31, 1983	2612	82
Feb. 28, 1983	2650	38
Mar. 31, 1983	2951	301
Apr. 30, 1983	2567	-384
May 31, 1983	2536	-31
Jun. 30, 1983	2718	182
Jul. 31, 1983	2373	-345
Aug. 31, 1983	2242	-131
Sep. 30, 1983	2163	-79
Oct. 31, 1983	2125	-38
Nov. 30, 1983	2177	52
Dec. 31, 1983	2204	27
Change in storage December 31, 1982 through December 31, 1983		-326

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

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

Year ending December 31, 1983  
Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	1942	6
Jan. 31, 1983	1971	29
Feb. 28, 1983	1989	18
Mar. 31, 1983	2125	136
Apr. 31, 1983	1922	-203
May 31, 1983	1918	-4
Jun. 30, 1983	2057	139
Jul. 31, 1983	1912	-145
Aug. 31, 1983	1907	-5
Sep. 30, 1983	1823	-84
Oct. 31, 1983	1819	-4
Nov. 30, 1983	1849	30
Dec. 31, 1983	1879	30
Change in storage December 31, 1982 through December 31, 1983		-63

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

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

Year ending December 31, 1983  
Period of published record: December 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	2052	34
Jan. 31, 1983	2121	69
Feb. 28, 1983	2142	21
Mar. 31, 1983	2284	142
Apr. 30, 1983	2119	-165
May 31, 1983	2190	71
Jun. 30, 1983	2303	113
Jul. 31, 1983	2000	-303
Aug. 31, 1983	1882	-118
Sep. 30, 1983	1794	-88
Oct. 31, 1983	1748	-46
Nov. 30, 1983	1781	33
Dec. 31, 1983	1773	-8
Change in storage December 31, 1982 through December 31, 1983		-279

## PLATTE RIVER BASIN

## (SALT CREEK)

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

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

Year ending December 31, 1983  
Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1983	2627	21
Jan. 31, 1983	2785	158
Feb. 28, 1983	2693	-92
Mar. 31, 1983	3041	348
Apr. 30, 1983	2729	-312
May 31, 1983	2744	15
Jun. 30, 1983	3575	831
Jul. 31, 1983	2631	-944
Aug. 31, 1983	2541	-90
Sep. 30, 1983	2472	-69
Oct. 31, 1983	2488	16
Nov. 30, 1983	2609	121
Dec. 31, 1983	2641	32
Change in storage December 31, 1982 through December 31, 1983		14

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

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

Year ending December 31, 1983  
Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	2855	11
Jan. 31, 1983	2979	124
Feb. 28, 1983	2884	-95
Mar. 31, 1983	3187	303
Apr. 30, 1983	2831	-356
May 31, 1983	2667	-164
Jun. 30, 1983	4381	1714
Jul. 31, 1983	2831	-1550
Aug. 31, 1983	2737	-94
Sep. 30, 1983	2682	-55
Oct. 31, 1983	2675	-7
Nov. 30, 1983	2844	169
Dec. 31, 1983	2839	-5
Change in storage December 31, 1982 through December 31, 1983		-16

## PAWNEE LAKE (NO. 14) STORAGE IN ACRE-FEET

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

Year ending December 31, 1983  
Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	8677	67
Jan. 31, 1983	9108	431
Feb. 28, 1983	8824	-284
Mar. 31, 1983	9596	772
Apr. 30, 1983	8839	-757
May 31, 1983	8765	-74
Jun. 30, 1983	9542	777
Jul. 31, 1983	8677	-865
Aug. 31, 1983	8382	-295
Sep. 30, 1983	8301	-81
Oct. 31, 1983	8412	111
Nov. 30, 1983	8736	324
Dec. 31, 1983	8684	-52
Change in storage December 31, 1982 through December 31, 1983		7

## 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.

Year ending December 31, 1983

Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	798	19
Jan. 31, 1983	827	29
Feb. 28, 1983	813	-14
Mar. 31, 1983	912	99
Apr. 30, 1983	798	-114
May 31, 1983	765	-89
Jun. 30, 1983	854	89
Jul. 31, 1983	743	-111
Aug. 31, 1983	702	-41
Sep. 30, 1983	666	-36
Oct. 31, 1983	651	-15
Nov. 30, 1983	697	46
Dec. 31, 1983	660	-37
Change in storage December 31, 1982 through December 31, 1983		-138

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

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

Year ending December 31, 1983

Period of published record: October 1977-December 1983

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Dec. 31, 1982	27134	217
Jan. 31, 1983	28141	1007
Feb. 28, 1983	28234	93
Mar. 31, 1983	29637	1403
Apr. 30, 1983	28103	-1534
May 31, 1983	27768	-335
Jun. 30, 1983	29886	2118
Jul. 31, 1983	26646	-3240
Aug. 31, 1983	26193	-453
Sep. 30, 1983	25819	-374
Oct. 31, 1983	25942	123
Nov. 30, 1983	26772	830
Dec. 31, 1983	26718	-54
Change in storage December 31, 1982 through December 31, 1983		-416

REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	23	26	18	30
2	0	0	21	25	18	27
3	0	0	18	24	15	27
4	0	0	18	24	16	28
5	0	0	20	24	16	29
6	0	0	25	24	16	29
7	0	0	26	25	17	30
8	0	0	26	25	18	27
9	0	0	26	27	17	26
10	0	0	26	27	18	28
11	0	0	27	26	18	28
12	0	0	28	22	20	29
13	0	0	28	23	23	28
14	0	0	26	23	23	28
15	0	0	26	27	23	28
16	0	0	26	26	20	28
17	0	0	29	26	18	29
18	0	0	28	25	18	30
19	0	0	27	21	20	12
20	0	12	26	21	20	0
21	0	23	26	21	18	0
22	0	26	26	15	18	0
23	0	26	30	11	18	0
24	0	25	33	20	18	0
25	0	24	33	20	18	0
26	0	24	30	14	27	0
27	0	23	30	14	27	0
28	0	18	34	14	29	0
29	0	19	34	10	30	0
30	0	22	31	14	31	0
31	0	---	30	19	---	0
S.F.	0	242	837	670	604	521
Mean	0	8	27	22	20	17
Max.	0	26	34	27	31	30
Min.	0	0	18	10	15	0
A.F.	0	480	1660	1330	1200	1030
Total 6 Months -			5700			A.F.

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	76	171	149
2	0	0	76	206	119
3	0	0	76	235	109
4	0	0	76	243	109
5	0	0	87	237	109
6	0	77	133	234	109
7	0	60	181	233	112
8	0	60	229	228	108
9	0	54	246	218	106
10	0	40	246	207	106
11	0	40	245	203	106
12	0	40	253	194	103
13	0	40	255	190	92
14	0	40	244	192	77
15	0	40	228	196	62
16	0	14	229	223	44
17	0	0	228	237	35
18	0	0	233	233	35
19	0	0	241	217	31
20	0	0	240	210	30
21	0	0	248	210	10
22	0	0	253	200	0
23	0	0	254	202	0
24	0	0	254	204	0
25	0	0	258	209	0
26	0	0	247	204	0
27	0	6	237	199	0
28	0	77	214	199	0
29	0	76	175	200	0
30	0	75	163	188	0
31	0	---	163	168	---
S.F.	0	740	6288	6490	1761
Mean	0	25	203	209	59
Max.	0	77	258	243	149
Min.	0	0	76	168	0
A.F.	0	1470	12470	12870	3490
Total 5 months -			30300		A.F.

DAILY DIVERSIONS OF CANALS--1983  
 CHAMPION CANAL from Frenchman River--Measured through  
 rating flume--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 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	1	1
2	0	0	0	1	1
3	0	0	0	1	1
4	0	0	0	1	1
5	0	0	0	1	1
6	0	0	7	1	2
7	0	0	6	1	2
8	0	0	6	1	2
9	0	0	6	0	2
10	0	0	6	1	2
11	0	0	6	1	2
12	0	0	6	1	2
13	0	0	4	1	2
14	0	0	3	1	1
15	0	0	3	1	1
16	0	0	3	1	1
17	0	0	3	1	2
18	0	0	2	1	3
19	0	0	1	1	4
20	0	0	1	2	4
21	0	0	1	2	4
22	0	0	1	2	4
23	0	0	1	2	3
24	0	0	1	2	2
25	0	0	1	2	2
26	0	0	1	2	1
27	0	0	1	2	1
28	0	0	1	2	0
29	0	0	1	1	0
30	0	0	1	1	0
31	0	---	1	---	---
S.F.	0	0	74	39	54
Mean	0	0	2	1	2
Max.	0	0	7	2	4
Min.	0	0	0	0	0
A.F.	0	0	150	80	110
Total 5 months -			340		A.F.

DAILY DIVERSIONS OF CANALS--1983  
 CULBERTSON CANAL from Frenchman River--Measured through 18-foot  
 Parshall flume--SW1/4NE1/4 Sec. 32-5-33 W. near Palisade  
 Period of Record: June 1920 - September 1983

Date	May	June	July	Aug.	Sept.
1	0	61	55	147	145
2	0	63	65	151	133
3	0	63	78	167	124
4	0	63	91	190	125
5	0	67	104	201	144
6	0	70	120	189	168
7	0	73	150	188	197
8	0	69	180	190	211
9	0	67	210	180	215
10	0	64	223	175	208
11	0	62	234	168	203
12	0	60	239	159	195
13	0	60	233	157	178
14	0	62	214	161	159
15	0	60	205	162	143
16	27	59	197	159	0
17	11	59	194	169	0
18	0	60	197	177	0
19	0	59	204	184	0
20	0	59	207	187	0
21	0	58	210	188	0
22	0	57	215	190	0
23	35	54	213	189	0
24	51	52	213	189	0
25	49	51	216	175	0
26	52	57	199	168	0
27	47	57	198	151	0
28	42	58	191	150	0
29	44	58	175	159	0
30	54	57	152	163	0
31	59	---	149	160	---
S.F.	471	1818	5531	5343	2546
Mean	15	61	178	172	85
Max.	59	73	239	201	215
Min.	0	51	55	147	0
A.F.	930	3610	10970	10600	5050
Total 5 months -			31160		A.F.



REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 RIVERSIDE CANAL from Frenchman River  
 near Culbertson--NW1/4SE1/4 Sec. 33-4-32 W.  
 Period of Record: July 1920 - October 1920  
 April 1923 - October 1923, May 1925 - October 1925  
 June 1927 - October 1927, May 1937 - September 1941  
 April 1953 - September 1958, May 1963 - November 1983

Date	May	June	July	Aug.	Sept.	Oct.	Nov.
1	0	0	9	8	7	7	7
2	0	0	9	11	5	7	7
3	0	0	9	10	4	7	7
4	0	0	9	9	4	7	7
5	0	0	12	8	4	7	7
6	0	0	13	7	4	7	7
7	0	0	12	6	4	7	7
8	0	0	9	5	4	7	7
9	0	0	5	4	5	7	7
10	0	0	3	4	6	6	7
11	0	0	16	3	6	6	7
12	0	0	16	5	7	6	7
13	0	0	15	5	7	6	7
14	0	0	15	5	8	6	7
15	0	0	8	5	9	6	7
16	0	0	3	5	9	6	7
17	0	0	3	5	10	7	7
18	0	0	14	5	11	7	7
19	0	0	14	5	10	7	7
20	0	0	13	4	9	7	7
21	0	0	12	5	8	7	4
22	0	0	11	5	7	7	0
23	0	0	10	6	7	7	0
24	0	0	9	6	7	7	0
25	0	10	8	5	7	7	0
26	0	10	8	5	7	7	0
27	0	10	8	6	7	7	0
28	0	10	8	6	7	7	0
29	0	9	8	9	7	7	0
30	0	9	8	10	7	7	0
31	0	---	8	8	---	7	---
S.F.	0	58	305	192	204	210	144
Mean	0	2	10	6	7	7	5
Max.	0	10	16	11	11	7	7
Min.	0	0	3	3	4	6	0
A.F.	0	120	600	380	400	420	290
Total 7 Months -	2210 A.F.						

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	12	37	54
2	0	0	16	45	52
3	0	0	15	47	49
4	0	0	16	49	48
5	0	0	21	59	49
6	0	0	27	64	46
7	0	0	41	65	45
8	0	0	54	63	42
9	0	0	60	59	37
10	0	0	60	53	35
11	0	0	61	47	35
12	0	0	54	42	34
13	0	0	45	40	31
14	0	0	48	40	28
15	0	0	53	42	23
16	0	0	54	51	22
17	0	0	54	53	21
18	0	0	52	52	21
19	0	0	53	63	7
20	0	21	56	72	0
21	0	26	57	72	0
22	0	23	56	61	0
23	0	20	55	53	0
24	0	19	55	50	0
25	0	19	61	51	0
26	0	19	66	46	0
27	0	17	60	44	0
28	0	16	52	44	0
29	0	16	43	44	0
30	0	16	40	53	0
31	0	---	40	58	---
S.F.	0	212	1437	1619	679
Mean	0	7	46	52	23
Max.	0	26	66	72	54
Min.	0	0	12	37	0
A.F.	0	420	2850	3210	1350
Total 5 months -	7830 A.F.				

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	20	66	46
2	0	0	17	75	40
3	0	0	15	77	37
4	0	0	14	73	37
5	0	0	21	71	40
6	0	0	25	70	49
7	0	0	32	70	58
8	0	0	51	76	56
9	0	0	59	79	43
10	0	11	58	79	37
11	0	9	70	72	36
12	0	8	81	67	34
13	0	26	86	65	22
14	0	0	86	65	14
15	0	0	89	74	12
16	0	0	92	77	10
17	0	0	92	77	10
18	0	0	78	73	10
19	0	0	77	70	3
20	0	0	85	69	0
21	0	0	91	69	0
22	0	35	92	85	0
23	0	14	92	84	0
24	0	21	92	85	0
25	0	20	98	37	0
26	0	20	100	34	0
27	0	20	98	33	0
28	0	21	88	33	0
29	0	21	72	36	0
30	0	21	64	42	0
31	0	---	64	45	---
S.F.	0	247	2099	1998	594
Mean	0	8	68	64	20
Max.	0	35	100	85	58
Min.	0	0	14	33	0
A.F.	0	490	4160	3960	1180
Total 5 months -	9790 A.F.				

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	73	209	153
2	0	0	72	230	147
3	0	0	72	238	147
4	0	0	70	218	146
5	0	0	74	188	147
6	0	0	79	188	148
7	0	0	91	194	129
8	0	0	138	209	117
9	0	0	150	227	84
10	0	0	150	241	67
11	0	0	179	252	66
12	0	0	217	246	63
13	0	0	242	244	47
14	0	0	259	244	35
15	0	0	256	244	31
16	0	0	274	224	31
17	0	0	268	222	30
18	0	0	251	230	31
19	0	0	237	225	30
20	0	0	230	220	29
21	0	0	229	219	11
22	0	0	235	231	0
23	0	30	237	201	0
24	0	40	237	123	0
25	0	40	247	87	0
26	0	48	252	64	0
27	0	55	256	56	0
28	0	65	248	56	0
29	0	74	207	70	0
30	0	75	190	108	0
31	0	---	192	142	---
S.F.	0	427	5912	5850	1689
Mean	0	14	191	189	56
Max.	0	75	274	252	153
Min.	0	0	70	56	0
A.F.	0	850	11730	11600	3350
Total 5 months -	27530 A.F.				

REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	5	26	16
2	0	0	18	25	10
3	0	0	19	25	10
4	0	0	19	31	10
5	0	0	19	32	10
6	0	0	22	31	4
7	0	0	28	30	0
8	0	0	28	28	0
9	0	0	25	26	0
10	0	0	23	29	0
11	0	0	27	30	0
12	0	0	30	31	0
13	0	0	30	30	0
14	0	0	28	28	0
15	0	0	24	28	0
16	0	0	24	27	0
17	0	0	24	24	0
18	0	0	24	22	0
19	0	0	29	24	0
20	0	0	30	28	0
21	0	0	33	28	0
22	0	0	30	29	0
23	0	0	30	23	0
24	0	0	30	18	0
25	0	0	30	19	0
26	0	0	30	19	0
27	0	0	30	19	0
28	0	4	29	19	0
29	0	0	28	20	0
30	0	0	26	22	0
31	0	---	26	19	---
S.F.	0	4	798	792	60
Mean	0	0	26	26	2
Max.	0	4	33	32	16
Min.	0	0	5	18	0
A.F.	0	10	1580	1570	120
Total 5 months	-	-	3280	A.F.	-

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	96	230	162
2	0	0	95	230	158
3	0	0	95	235	146
4	0	0	109	238	141
5	0	0	138	237	126
6	0	0	166	231	104
7	0	0	197	228	87
8	0	0	217	227	78
9	0	0	231	219	60
10	0	0	233	219	14
11	0	0	229	224	0
12	0	0	225	224	0
13	0	0	234	223	0
14	0	0	245	222	0
15	0	0	244	222	0
16	0	0	242	215	0
17	0	0	242	211	0
18	0	0	242	211	0
19	0	0	248	217	0
20	0	0	253	220	0
21	0	0	253	220	0
22	0	0	252	219	0
23	0	0	252	185	0
24	0	0	251	148	0
25	0	0	250	141	0
26	0	0	249	135	0
27	0	0	248	127	0
28	0	0	247	127	0
29	0	0	248	130	0
30	0	61	239	150	0
31	0	---	230	162	---
S.F.	0	61	6700	6227	1076
Mean	0	2	216	201	36
Max.	0	61	253	238	162
Min.	0	0	95	127	0
A.F.	0	120	13290	12350	2130
Total 5 months	-	-	27890	A.F.	-

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	0	36	24
2	0	0	0	35	24
3	0	0	0	35	24
4	0	0	0	35	22
5	0	0	0	33	10
6	0	0	0	31	0
7	0	0	12	31	0
8	0	0	23	33	0
9	0	0	27	34	0
10	0	0	28	33	0
11	0	0	31	31	0
12	0	0	36	28	0
13	0	0	38	27	0
14	0	0	38	27	0
15	0	0	37	25	0
16	0	0	37	24	0
17	0	0	38	24	0
18	0	0	37	24	0
19	0	0	38	27	0
20	0	0	35	30	0
21	0	0	34	31	0
22	0	0	36	31	0
23	0	0	36	11	0
24	0	0	35	0	0
25	0	0	36	0	0
26	0	0	36	0	0
27	0	0	37	0	0
28	0	0	37	0	0
29	0	0	37	16	0
30	0	0	36	23	0
31	0	---	36	24	---
S.F.	0	0	851	739	104
Mean	0	0	27	24	3
Max.	0	0	38	36	24
Min.	0	0	0	0	0
A.F.	0	0	1690	1470	210
Total 5 months	-	-	3370	A.F.	-

DAILY DIVERSION OF CANALS--1983  
 COURTLAND CANAL from Republican River--Measured  
 through orifice--NE1/4NE1/4 Sec. 18-1-9 W. near Guide Rock  
 Period of Record: May 1952 - October 1983

Date	April	May	June	July	Aug.	Sept.	Oct.
1	0	234	80	261	670	219	66
2	0	246	80	259	671	223	58
3	0	304	80	259	664	222	30
4	0	371	80	306	622	224	0
5	0	399	80	327	613	225	0
6	0	399	79	359	612	228	0
7	0	409	79	386	614	226	0
8	0	407	79	401	619	206	0
9	0	364	77	425	624	182	0
10	0	342	77	436	595	172	0
11	0	317	76	483	561	153	0
12	0	316	77	513	558	150	0
13	0	316	78	515	545	191	0
14	0	316	106	513	548	182	0
15	0	315	112	513	549	142	0
16	0	292	109	513	531	100	0
17	0	246	113	520	503	86	0
18	0	184	116	545	495	86	0
19	67	158	116	550	476	85	0
20	178	152	113	548	437	84	0
21	222	149	117	546	424	81	0
22	224	149	200	567	424	80	0
23	226	102	240	595	396	79	0
24	226	83	247	604	338	77	0
25	224	87	250	651	296	77	0
26	226	86	254	671	264	77	0
27	232	83	256	674	255	76	0
28	234	81	257	670	255	72	0
29	231	80	257	683	247	97	0
30	231	80	257	676	229	92	0
31	---	80	---	670	215	---	0
S.F.	2521	7147	4142	15639	14850	4192	154
Mean	84	231	138	504	479	140	5
Max.	234	409	257	683	671	226	66
Min.	0	80	1	259	215	72	0
A.F.	5000	14180	8220	31020	29450	8310	310
Total 7 months	-	-	-	96490	A.F.	-	-

REPUBLICAN RIVER BASIN

DAILY DIVERSION OF CANALS--1983  
 COURTLAND CANAL from Republican River--Measured at  
 Nebraska-Kansas State Line--SW1/4SE1/4 Sec. 32-1-7 W.  
 Period of Record:  
 October 1954 - October 1983

Date	April	May	June	July	Aug.	Sept.	Oct.
1	0	198	67	222	627	188	72
2	0	203	68	220	623	193	55
3	0	229	68	222	609	192	47
4	0	309	67	254	578	196	13
5	0	368	68	281	570	198	3
6	0	370	67	294	570	198	0
7	0	374	67	325	576	200	0
8	0	382	66	338	576	185	0
9	0	348	63	360	563	161	0
10	0	303	64	370	529	152	0
11	0	303	63	406	498	138	0
12	0	303	62	436	508	130	0
13	0	303	66	446	500	172	0
14	0	305	43	444	498	196	0
15	0	303	10	444	504	169	0
16	0	281	76	444	492	169	0
17	0	234	89	452	464	100	0
18	0	174	92	476	446	76	0
19	0	131	94	492	430	76	0
20	111	127	91	486	391	78	0
21	176	124	90	476	372	74	0
22	200	122	147	494	374	71	0
23	200	100	198	524	370	70	0
24	198	66	201	528	312	69	0
25	196	71	216	581	268	68	0
26	196	72	220	612	235	69	0
27	195	71	220	607	226	66	0
28	200	62	220	607	227	62	0
29	195	66	220	614	214	106	0
30	195	66	220	629	200	104	0
31	---	66	---	629	187	---	0
S. F.	2062	6434	3303	13713	13537	3926	190
Mean	69	208	110	442	437	131	6
Max.	200	382	220	629	627	200	72
Min.	0	62	1	220	187	62	0
A. F.	4090	12760	6550	27200	26850	7790	380
Total 7 months -	85620 A. F.						

DAILY DIVERSIONS OF CANALS--1983  
 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 1983

Date	May	June	July	Aug.	Sept.
1	0	0	80	138	47
2	0	0	80	134	47
3	0	0	97	134	47
4	0	0	104	134	47
5	0	0	110	133	47
6	0	0	128	132	42
7	0	0	130	135	8
8	0	0	139	130	0
9	0	0	144	124	0
10	0	0	143	124	0
11	0	0	141	123	0
12	0	0	141	122	0
13	0	0	140	121	0
14	0	0	139	122	0
15	0	0	141	121	0
16	0	0	140	117	0
17	0	0	141	116	0
18	0	0	139	116	0
19	0	0	139	116	0
20	0	0	139	116	0
21	0	0	138	116	0
22	0	0	139	111	0
23	0	0	139	94	0
24	0	0	140	72	0
25	0	0	141	62	0
26	0	0	136	57	0
27	0	0	141	47	0
28	0	62	141	47	0
29	0	80	141	47	0
30	0	79	141	47	0
31	0	---	141	47	---
S. F.	0	221	4093	3255	285
Mean	0	7	132	105	10
Max.	0	80	144	138	47
Min.	0	0	80	47	0
A. F.	0	440	8120	6460	570
Total 5 months -	15590 A. F.				

LISTING OF CERTAIN CANALS NOT DIVERTING IN 1983

DAILY DIVERSIONS OF CANALS--1983

BENNET-KAY CANAL from Niobrara River--SE1/4NE1/4 Sec. 1-28-54 W.  
 Near Agate. Period of Record: May 1958 - September 1983  
 Water diverted 0 A.F.

BIGELOW-SEYMOUR CANAL from Niobrara River--NE1/4NE1/4 Sec. 19-31-57 W.  
 Near Harrison. Period of Record: May 1956 - September 1983  
 Water diverted 0 A.F.

CIRCLE PUMP from Niobrara River (Sprinkler Irrigation)--NE1/4SW1/4 Sec. 5-28-51 W.  
 Near Marsland. Period of Record: May 1970 - September 1983  
 Water diverted 0 A.F.

CRESCENT LAKE OUTLET to Blue Creek--NW1/4NW1/4 Sec. 21-20-44 W.  
 Near Oshkosh. Period of Record: July 1931 - September 1931,  
 June 1934 - August 1934, July 1949 - September 1955, May 1958 - September 1983  
 Water diverted 0 A.F.

DAVISON PUMP from Niobrara River--NW1/4NE1/4 Sec. 12-28-54 W.  
 Near Marsland. Period of Record: May 1956 - September 1956,  
 May 1970 - September 1983  
 Water diverted 3 A.F.

EXCELSIOR CANAL from Niobrara River--NE1/4NE1/4 Sec. 10-28-52 W.  
 Near Marsland. Period of Record: May 1956 - September 1983  
 Water diverted 0 A.F.

FURMAN CANAL (NORTH & SOUTH) from Niobrara River--SW1/4SW1/4 & SE1/4SW1/4 Sec. 29-29-50 W.  
 Near Marsland. Period of Record: May 1956 - September 1983  
 Water diverted 0 A.F.

GEO HITSHEW CANAL from Niobrara River--SE1/4SE1/4 Sec. 6-28-52 W.  
 Near Marsland. Period of Record: May 1956 - September 1983  
 Water diverted 0 A.F.

HOFFMAN PUMP from Niobrara River--SW1/4SE1/4 Sec. 3-28-55 W.  
 Near Agate. Period of Record: May 1956 - September 1956,  
 May 1970 - September 1983  
 Water diverted 1 A.F.

JOHNSON CANAL from Niobrara River--SE1/4SE1/4 Sec. 35-31-57 W.  
 Near Harrison. Period of Record: May 1956 - September 1983  
 Water diverted 0 A.F.

MCGINLEY-STOVER CANAL from Niobrara River--SW1/4SE1/4 Sec. 25-29-56 W.  
 Near Agate. Period of Record: May 1956 - September 1983  
 Water diverted 0 A.F.

MCLAUGHLIN CANAL from Niobrara River--SW1/4SE1/4 Sec. 9-28-52 W.  
 Near Marsland. Period of Record: April 1956 - September 1983  
 Water diverted 0 A.F.

MOORE-KAY CANAL from Niobrara River--SE1/4NE1/4 Sec. 9-28-53 W.  
 Near Marsland. Period of Record: May 1956 - September 1983  
 Water diverted 0 A.F.

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MISCELLANEOUS DISCHARGE MEASUREMENTS OF  
RIVERS AND STREAMS

1983

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CHEYENNE RIVER BASIN  
( HAT CREEK )

MEASUREMENT OF STREAMS  
Year Ending December 31, 1983

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
JIM CREEK AT JUNCTION WITH WARBONNET CREEK Sec. 9-33-56 W.							
10- 6	0.50						
HAT CREEK NEAR MONTROSE Sec. 13-34-55 W.							
11- 2	0.25						
HAT CREEK Sec. 7-34-54 W.							
11- 2	0.00						
HAT CREEK NEAR SEMROSKA RIPARIAN RIGHT Sec. 6-34-54 W.							
11- 2	0.00						
HAT CREEK NEAR ARDMORE, SOUTH DAKOTA Sec. 21-35-54 W.							
10- 6	0.00	11-16	4.16				

## WHITE RIVER BASIN

MEASUREMENT OF STREAMS  
Year Ending December 31, 1983

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
SQUAW CREEK ABOVE SQUAW CREEK RESERVOIR Sec. 12-31-52 W.							
2- 1	0.44	3- 1	0.33	7-13	0.28	8-15	0.00
2-15	.50	6-22	1.27	7-20	.21	10-25	.59
SQUAW CREEK BELOW SQUAW CREEK RESERVOIR Sec. 12-31-52 W.							
2-15	1.04						
WHITE RIVER BELOW WHITNEY DIVERSION Sec. 26-32-52 W.							
7-18	4.95						







NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
LONG PINE CREEK <sup>1</sup> NW $\frac{1}{4}$ Sec. 20-29-20 W.							
2-8	10.5	4-1	22.2	5-11	16.4	6-27	20.6
3-30	12.7	5-2	41.9	5-12	16.4	7-12	10.9
3-31	51.8	5-4	10.7	6-15	12.3	8-23	17.8
WILLOW CREEK AT CAMP WITNESS <sup>1</sup> NW $\frac{1}{4}$ Sec. 17-30-20 W.							
2-8	5.5	5-11	8.8	6-15	7.1	7-12	4.4
3-30	33.2						
LONG PINE CREEK AT CAMP WITNESS <sup>1</sup> NW $\frac{1}{4}$ Sec. 17-30-20 W.							
2-8	54.0	5-11	66.1	6-15	63.5	7-12	62.7
3-30	61.7						
LONG PINE CREEK AT PINE GLENN RECREATION AREA <sup>1</sup> SW $\frac{1}{4}$ Sec. 8-31-20 W.							
2-8	77.9	3-30	106	6-15	109	7-12	95.0
BONE CREEK <sup>1</sup> SW $\frac{1}{4}$ Sec. 23-30-22 W.							
2-9	5.4	6-16	20	7-13	5.1		
BONE CREEK NEAR AINSWORTH <sup>1</sup> NW $\frac{1}{4}$ Sec. 7-30-21 W.							
2-9	12.5	5-11	26.1	6-16	58.3	7-13	26.6
4-1	66.0	5-12	170	7-1	114	8-23	168
5-3	112						
BONE CREEK NEAR LONG PINE <sup>3</sup> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-31-21 W.							
2-9	18.7	6-16	68.7	7-8	39.2	7-13	32.3
5-12	123						

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
SAND DRAW <sup>1</sup> NE $\frac{1}{4}$ Sec. 6-30-22 W.							
2-9	4.9	5-12	36.3	6-16	14.7	7-13	5.4
3-31	52.1						
SAND DRAW ABOVE AINSWORTH IRRIGATION WASTEWAY <sup>3</sup> NW $\frac{1}{4}$ Sec. 29-31-21 W.							
2-9	7.8	6-16	26.9	6-20	25.2	7-13	13.8
5-12	40.3						
SAND DRAW BELOW AINSWORTH IRRIGATION WASTEWAY <sup>1</sup> NW $\frac{1}{4}$ Sec. 29-30-21 W.							
3-31	53.1	6-16	28.8	7-13	14.2		
SAND DRAW <sup>1</sup> NE $\frac{1}{4}$ Sec. 29-31-21 W.							
3-31	53.7	5-2	85.1	6-13	75.0	8-23	115
4-1	26.6	5-3	51.2	6-27	96.8		
BONE CREEK AT HIGHWAY 183 <sup>1</sup> SE $\frac{1}{4}$ Sec. 10-31-21 W.							
2-9	40.7	5-12	170	6-16	126	7-13	64.9
SHORT PINE CREEK NEAR RIVERVIEW NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-32-20 W.							
6-20	2.92						
BEEMAN CREEK NEAR SPRINGVIEW SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-32-20 W.							
6-8	0.93						
WENTWORTH CREEK NEAR SPRINGVIEW SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-32-20 W.							
6-8	0						



NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			SPRING CREEK NEAR MILLS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-34-18 W.			5-31	8.42	9-27	7.78				EAGLE CREEK, EAST BRANCH, NEAR EMMET NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-31-12 W.
6-3	13.5												REDBIRD CREEK NEAR OPPORTUNITY NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-31-11 W.
			COON CREEK NEAR BROCKSBURG SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-34-17 W.			5-31	30.8	9-27	20.0				BLACKBIRD CREEK NEAR MIDWAY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-31-11 W.
6-3	2.56												LOUSE CREEK NEAR REDBIRD NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-32-10 W.
			OAK CREEK NEAR BROCKSBURG NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-34-17 W.			5-31	9.46	9-27	6.53				SAND CREEK NEAR REDBIRD SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-32-9 W.
6-3	2.84												
			BIG SANDY CREEK NEAR DUSTIN NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-33-14 W.			6-22	9.64						
6-21	38.8												
			BIG SANDY CREEK NEAR DUSTIN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-33-14 W.			6-22	1.10						
6-21	48.0												
			LITTLE SANDY CREEK NEAR CATALPA NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-33-13 W.			6-22	2.90						
6-2	3.95												
			BRUSH CREEK, WEST FORK, NEAR ATKINSON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-32-13 W.			6-22	11.9						
6-21	20.6												
			TURKEY CREEK NEAR CATALPA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-33-12 W.			6-22	2.65						
6-21	2.88												
			EAGLE CREEK, NORTH BRANCH, NEAR ATKINSON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-31-12 W.			3-30	3.85						
5-31	19.5	9-27	17.5										

## NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		VERDIGRE CREEK, SOUTH BRANCH, NEAR ORCHARD NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-28-8 W.					
5-31	4.75	9-27	2.68				
		VERDIGRE CREEK, MIDDLE BRANCH, NEAR VENUS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-29-9 W.					
5-31	9.11	9-27	7.15				

MISSOURI RIVER TRIBUTARIES  
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>BAZILE CREEK</u>						<u>LOST CREEK</u>							
		BAZILE CREEK, TRIBUTARY TO, NEAR CREIGHTON SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 10-28-5 W.						LOST CREEK NEAR SANTEE SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 8-32-5 W.					
5-16	2.02					6-9	5.64						
		SPRING CREEK AT BAZILE MILLS SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10-29-5 W.						<u>COOK CREEK</u>					
6-9	3.46							COOK CREEK NEAR LINDY NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 26-33-4 W.					
		BAZILE CREEK AT BAZILE MILLS SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 4-29-5 W.						<u>DEVILS NEST CREEK</u>					
6-9	21.5					6-9	.92	DEVILS NEST CREEK NEAR SANTEE SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 29-33-3 W.					
		LITTLE BAZILE CREEK AT BLOOMFIELD SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10-30-3 W.						<u>WEIGAND CREEK</u>					
6-9	5.41					6-9	2.6	WEIGAND CREEK AT GAVINS POINT SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20-33-2 W.					
		LITTLE BAZILE CREEK NEAR BLOOMFIELD NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 26-30-3 W.						<u>BEAVER CREEK</u>					
5-5	3.48					6-9	4.46	BEAVER CREEK NEAR ATEN SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 21-33-1 W.					
		LITTLE BAZILE CREEK NEAR CENTER SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 24-30-5 W.						<u>ANTELOPE CREEK</u>					
6-9	26.5							ANTELOPE CREEK NEAR MEMONINEE SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 24-33-1 W.					
		SAND CREEK NEAR CENTER SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-31-5 W.						<u>BOW CREEK</u>					
6-9	.583					6-8	19.6	WEST BOW CREEK NEAR CROFTON NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 11-31-2 W.					
		HOBEO CREEK NEAR LINDY NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 13-32-4 W.											
6-9	.131					6-8	14.2						
		HOWE CREEK NEAR CENTER SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 12-31-5 W.											
6-9	12.2					6-9	4.05						









MISSOURI RIVER TRIBUTARIES  
( NIOBRARA TO THE PLATTE )

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983								
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	
			<u>MILL CREEK NEAR BLAIR</u> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-18-12 E.							<u>COLE CREEK AT OMAHA</u> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-15-12 E.						
7-6	5.97							7-8	.62							
			<u>MOORS CREEK</u> MOORS CREEK NEAR FORT CALHOUN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-17-12 E.									<u>LITTLE PAPIILLION CREEK AT OMAHA</u> NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-14-12 E.				
7-6	1.12							7-8	18.6							
			<u>TURKEY CREEK</u> TURKEY CREEK NEAR FORT CALHOUN NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-17-12 E.									<u>BIG PAPIILLION CREEK AT RALSTON</u> NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-14-12 E.				
7-6	0							7-8	56.1							
			<u>DEER CREEK</u> DEER CREEK NEAR FORT CALHOUN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-17-13 E.									<u>WEST PAPIILLION CREEK, NORTH BRANCH, NEAR ELKHORN</u> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-15-11 E.				
7-6	1.49							7-7	5.54							
			<u>PONCA CREEK</u> PONCA CREEK NEAR OMAHA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-16-13 E.									<u>BOX ELDER CREEK NEAR MILLARD</u> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-15-11 E.				
7-7	.61							7-8	4.80							
			<u>PAPIILLION CREEK</u> KNIGHT CREEK AT OMAHA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-16-12 E.									<u>WEST PAPIILLION CREEK, SOUTH BRANCH, TRIBUTARY TO, NEAR PAPIILLION</u> NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-14-11 E.				
7-7	8.62							7-8	3.32							
			<u>THOMAS CREEK NEAR OMAHA</u> NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-16-12 E.									<u>WEST PAPIILLION CREEK, SOUTH BRANCH, NEAR PAPIILLION</u> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-14-12 E.				
7-7	4.68							7-8	11.1							
												<u>HELL CREEK NEAR MILLARD</u> NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-14-12 E.				
												<u>WALNUT CREEK NEAR PAPIILLION</u> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-14-12 E.				
									7-12	1.56						



NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS  
Year Ending December 31, 1983

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
LANE DRAIN Sec. 30-23-57 W.							
1-12	1.56	5-20	2.63	7-15	3.00	9- 9	2.16
2-22	1.03	6- 3	1.64	7-29	1.81	9-23	2.53
4-26	1.96	6-17	2.02	8-12	2.18	11- 1	2.00
5- 6	1.94	7- 1	1.80	8-26	2.33		
BALD DRAIN Sec. 32-23-56 W.							
1-10	1.32	5-27	41.1	7-21	12.6	9-16	41.9
2-22	2.25	6-10	28.5	8- 5	30.4	9-30	30.3
4-27	1.17	6-24	38.1	8-19	23.6	11- 1	2.07
5-13	1.66	7- 8	21.6	9- 2	27.9		
SCOTTSBLUFF DRAIN NO. 1 Sec. 25-22-55 W.							
1- 5	1.84	5- 4	2.99	6-30	2.36	8-25	2.98
2-16	1.74	5-19	3.65	7-14	2.32	9- 8	2.73
3-30	1.67	6- 2	2.23	7-28	2.17	11- 1	2.49
4-27	2.35	6-16	2.10	8-11	3.13		
SCOTTSBLUFF DRAIN NO. 2 Sec. 4-22-54 W.							
1- 6	2.66	5-25	4.04	7-21	2.93	9-15	4.03
3-10	1.90	6- 9	3.82	8- 4	2.64	9-22	3.97
4-28	2.16	6-23	3.33	8-18	6.29	9-29	3.31
5-11	4.73	7- 7	2.45	9- 1	3.88	11- 2	3.27
MELBETA DRAIN Sec. 13-21-54 W.							
1-10	1.94	3-23	1.72	4-11	1.48	4-28	1.62
2-14	1.60						
FAIRFIELD SEEP Sec. 18-21-53 W.							
1- 6	1.33	5-12	1.80	7- 7	2.86	9-16	2.29
2-14	.37	5-16	2.83	7-20	8.38	9-19	5.27
3-23	.92	5-26	3.41	8- 4	2.79	9-30	2.01
4-11	.47	6- 9	1.96	8-19	2.00	11- 2	.89
4-28	1.44	6-23	2.42	9- 2	2.46		

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
ALLIANCE DRAIN Sec. 20-22-53 W.							
4-28	6.63	6-16	11.3	7-28	2.09	9- 1	3.26
5- 5	6.20	6-30	16.2	8- 4	3.86	9-15	3.75
5-19	8.44	7-14	34-3	8-18	3.82	9-29	14.5
6- 2	9.29						
CLEVELAND DRAIN Sec. 6-20-52 W.							
1-10	1.45	3-23	1.74	4-11	1.93	4-28	1.22
2-14	1.15						
DeGRAW DRAIN Sec. 24-20-51 W.							
1- 6	3.29	4-25	3.23	7-22	8.61	10-13	6.41
1-27	2.85	5-12	7.67	8- 8	13.6	10-26	5.26
2-14	2.56	5-24	4.75	8-18	15.1	11-10	5.34
3- 8	3.95	6-10	4.01	9- 1	13.4	12- 2	2.35
3-29	3.91	6-24	5.94	9-15	17.0	12-14	1.94
4-15	3.90	7- 7	5.18	9-29	10.0		
INDIAN CREEK Sec. 19-20-50 W.							
1- 6	6.33	2-14	4.82	3-29	4.81	4-25	4.40
1-27	5.56	3- 8	4.63	4-15	4.34		
SNAKE CREEK ABOVE KILPATRICK RESERVOIR Sec. 31-25-51 W.							
5-25	7.13	10-27	0.40				
SNAKE CREEK BELOW KILPATRICK RESERVOIR Sec. 1-24-51 W.							
5-25	8.04	10-27	0.41				
PUMPKIN CREEK ABOVE SCOTT RESERVOIR Sec. 12-19-56 W.							
10-25	0.44						
PUMPKIN CREEK AT GERING-KIMBALL HIGHWAY Sec. 4-19-55 W.							
10-25	0.00						

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					
Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
PUMPKIN CREEK ABOVE HEARD CANAL Sec. 11-19-54 W.						LONERGAN CREEK NEAR LeMOYNE Sec. 17-15-39 W.					
10-25	0.00					12-16	4.25				
PUMPKIN CREEK AT WEST LINE Sec. 18-19-53 W.						SUTHERLAND POND DRAIN AT KEYSTONE Sec. 1-14-38 W.					
10-25	0.00					4-25	2.39	6-23	0.74	8- 5	1.69
						5-23	1.05				10-24
PUMPKIN CREEK AT WEST LINE Sec. 22-19-53 W.						WHITE TAIL CREEK Sec. 36-15-38 W.					
10-25	0.00					4-25	26.4	6-23	29.5	8- 1	22.8
						5- 9	24.8	7- 8	22.2	8-15	22.3
PUMPKIN CREEK BELOW MUTUAL CANAL Sec. 23-19-52 W.						SKUNK CREEK Sec. 1-14-37 W.					
10-25	1.50					5-23	29.0	7-18	25.5	8-29	26.1
						6- 6	27.9				9-12
PUMPKIN CREEK BELOW COURT HOUSE ROCK CANAL Sec. 30-19-50 W.						GRAVEL CREEK Sec. 9-14-36 W.					
10-25	5.14					4-25	2.37	6-23	2.30	8- 1	1.81
						5- 9	1.97	7- 8	2.05	8-15	1.97
GREENWOOD CREEK Sec. 26-19-50 W.						RUSH CREEK NEAR LISCO Sec. 17-17-45 W.					
4-25	4.96	7- 7	2.51	10- 6	0.00	11-14	0.00	4-25	2.47	6-23	2.99
6- 2	7.34	8- 4	.00					5- 9	1.99	7- 8	2.43
RUSH CREEK NEAR LISCO Sec. 17-17-45 W.						SARBEN SLOUGH Sec. 20-14-35 W.					
5- 3	5.59	7- 5	2.57	9- 6	0.82	11-14	2.66	5-27	2.76	7-18	3.34
6- 7	3.39	8- 2	.83	10-11	2.20	12-13	.94	6- 6	2.71		8-29
CLEAR CREEK Sec. 5-15-41 W.						CEDAR BRANCH CREEK NEAR NEVINS Sec. 17-14-35 W.					
12-16	9.13					4-25	4.59	6-23	6.12	8- 1	6.31
						5- 9	5.15	7- 8	4.90	8-15	6.62
OTTER CREEK NEAR LeMOYNE Sec. 32-16-40 W.						SAND CREEK Sec. 34-16-40 W.					
12-16	22.9					5-23	5.26	7-18	5.99	8-29	9.37
						6- 6	5.11				9-12
SAND CREEK Sec. 34-16-40 W.						CEDAR BRANCH CREEK NEAR NEVINS Sec. 17-14-35 W.					
12-16	3.86					4-25	1.63	6-23	0.91	8- 1	0.86
						5- 9	1.04	7- 8	1.37	8-15	1.01
						5-23	1.08	7-18	1.35	8-29	1.60
						6- 6	0.33				10-25

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.
KEITH-LINCOLN COUNTY DRAIN NO. 2 Sec. 24-14-35 W.							
4-25	0.00	6- 6	0.00	7-18	0.11	9-26	0.05
5- 7	.00	6-23	.00	8-15	.85	10-24	.00
5-23	.00	7- 8	.00	9-12	.06		
LINCOLN COUNTY DRAIN NO. 2 Sec. 12-14-33 W.							
4-27	0.76	6-21	2.19	8- 3	1.37	9-13	2.13
5-19	1.76	7- 6	2.06	8-16	1.94	9-27	1.69
6- 7	2.30	7-19	2.16	8-30	1.45	10-25	2.35

## SOUTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983													
Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.	Date	Discharge Sec.-ft.								
LODGEPOLE CREEK AT WYOMING-NEBRASKA STATE LINE Sec. 11-14-59 W.						LODGEPOLE CREEK ABOVE KRUEGER LAKE Sec. 31-14-48 W.													
10-26	4.32					5-27	3.98												
LODGEPOLE CREEK NEAR BUSHNELL Sec. 33-15-57 W.						LODGEPOLE CREEK NEAR SUNOL Sec. 36-14-48 W.													
1-17	6.97	5- 6	9.62	7-11	8.74	9-26	7.46	10-26	0.00										
2- 8	6.96	5-20	30.4	7-22	5.40	10-12	9.09												
3- 1	7.86	6- 2	12.1	8- 5	10.2	11-10	10.2	LODGEPOLE CREEK SOUTHEAST OF LODGEPOLE Sec. 32-14-46 W.											
3-24	10.6	6-17	53.7	8-26	7.06	11-21	11.9	5-27	0.00	10-26	0.50								
4- 8	12.3	7- 1	13.2	9-16	6.45	12- 7	9.00	LODGEPOLE CREEK NEAR CHAPPELL Sec. 21-13-45 W.											
4-21	9.63	LODGEPOLE CREEK NEAR KIMBALL Sec. 29-15-55 W.						5-27	4.14	10-26	1.48								
6- 2	91.8	10-26	8.49	LODGEPOLE CREEK AT RALTON Sec. 12-12-45 W.						4-19	3.13	6-16	3.76	7-15	1.39	10-26	1.53		
LODGEPOLE CREEK BELOW BENNETT RESERVOIR Sec. 22-15-55 W.						5-27	4.79	FREMONT SLOUGH ON HIGHWAY 83 Sec. 16-13-30 W.											
10-26	7.16	LODGEPOLE CREEK NEAR DIX Sec. 27-15-54 W.						1-19	29.3	2-28	30.8	3-24	32.1	4-28	30.4				
5-24	14.3	10-26	4.13	LODGEPOLE CREEK NEAR POTTER Sec. 6-14-52 W.						FREMONT SLOUGH Sec. 17-13-29 W.									
6- 2	0.00	10-26	0.00	LODGEPOLE CREEK SOUTH OF BROWNSON Sec. 19-14-50 W.						4-28	8.85	6-30	10.4	8-19	6.07	9-29	8.52		
3- 1	2.84	5-27	3.96	7- 1	3.08	10-26	1.62	5-20	14.3	7-21	4.58	8-31	5.64	10-31	7.86				
5- 6	3.58	6- 2	3.63	8- 5	1.91	LODGEPOLE CREEK WEST OF SIDNEY Sec. 34-14-50 W.						6- 3	10.5	8- 5	5.52	9-16	8.14	11-17	3.39
10-26	0.75	LODGEPOLE CREEK AT SIDNEY CITY PARK Sec. 6-13-49 W.						6-17	10.5										
3- 1	0.00	5-27	0.00	8- 5	0.00	10-26	0.00												
5- 6	.00																		



PLATTE RIVER BASIN

MEASUREMENT OF STREAMS  
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Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>PLATTE, BRANCH CONFLUENCE TO THE LOUP</u>							
AIRPORT DRAIN Sec. 7-13-29 W.							
4-28	21.1	8-19	41.1	9-16	38.9	10-31	9.43
7-21	26.2	8-31	39.4	9-29	32.3	11-17	8.61
FLOCK DRAIN Sec. 8-13-29 W.							
4-28	8.12	6-30	7.11	8-19	6.46	9-29	5.33
5-20	8.23	7-21	5.64	8-31	7.51	10-31	6.12
6-3	10.2	8-5	6.37	9-16	7.20	11-17	1.93
6-17	9.01						
BULL DRAIN NEAR MAXWELL Sec. 20-13-28 W.							
4-28	4.00	6-30	4.48	8-19	2.55	9-29	2.62
5-20	9.66	7-21	1.91	8-31	2.22	10-31	2.80
6-3	3.25	8-5	2.69	9-16	2.28	11-17	1.29
6-17	5.02						
PAWNEE CREEK Sec. 4-12-27 W.							
5-4	13.7	6-28	26.9	8-3	7.78	9-15	7.05
5-19	31.5	7-12	6.33	8-30	8.12	10-17	8.31
PRAIRIE CREEK NEAR SILVER CREEK SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-16-2 W.							
4-11	91.5						

PLATTE RIVER BASIN  
( LOUP RIVER )

MEASUREMENT OF STREAMS Year Ending December 31, 1983								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983									
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.		
<u>MIDDLE LOUP RIVER</u>								<u>STEWART CREEK NEAR NORTH LOUP</u> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-18-12 W.									
SAND CANYON WASTEWAY NEAR SARGENT NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-20-18 W.								NORTH LOUP RIVER, TRIBUTARY TO, NEAR NORTH LOUP NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-18-13 W.									
8-16-83	25.9	8-23-83	101.	8-30-83	118.	9-7-83	71.7	9-13-83	0								
<u>NORTH LOUP RIVER</u>								SHEPERD CREEK NEAR NORTH LOUP NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-18-12 W.									
WEST GRACIE CREEK NEAR ROSE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-25-17 W.								NORTH LOUP RIVER, TRIBUTARY TO, NEAR SCOTIA SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-17-12 W.									
2-24-83	3.29							9-13-83	0								
EAST GRACIE CREEK NEAR ROSE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-25-17 W.								WALLACE CREEK NEAR SCOTIA SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-17-12 W.									
2-24-83	1.46							9-14-83	0.47								
NORTH LOUP RIVER, TRIBUTARY TO, NEAR ELYRIA SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-20-15 W.								NORTH LOUP RIVER, TRIBUTARY TO, NEAR SCOTIA SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 21-17-12 W.									
9-13-83	0.04							9-13-83	0								
TURTLE CREEK NEAR ELYRIA NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-20-14 W.								DAVIS CREEK NEAR COTESFIELD NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-17-12 W.									
9-13-83	5.96							9-14-83	0								
TURTLE CREEK, SOUTH BRANCH, NEAR ELYRIA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-19-15 W.								FISH CREEK NEAR COTESFIELD NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-16-11 W.									
3-10-83	0	6-2-83	0	9-21-83	0	11-17-83	0	9-14-83	0.61								
4-4-83	0	7-1-83	0	10-26-83	0	12-6-83	0										
5-5-83	0	8-25-83	0														
TURTLE CREEK, SOUTH BRANCH, TRIBUTARY TO, NEAR ELYRIA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-19-15 W.								NORTH LOUP RIVER, TRIBUTARY TO, NEAR COTESFIELD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-16-11 W.									
3-10-83	0	6-2-83	0	9-21-83	0	11-17-83	0	9-14-83	0								
4-4-83	0	7-1-83	0	10-26-83	0	12-6-83	0										
5-5-83	0	8-25-83	0							9-14-83	0						

PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			MOFFET CREEK NEAR ELBA NW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 27-16-11 W.						COTTONWOOD CREEK NEAR PALMER SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 9-15-8 W.		
9-14-83	0.16					9-15	0.01				
			MUNSON CREEK NEAR ELBA SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 28-16-11 W.						HORSE CREEK NEAR FULLERTON SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 33-16-7 W.		
9-14-83	1.59					9-15	0.24				
			NORTH LOUP RIVER, TRIBUTARY TO, NEAR ELBA SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 18-15-10 W.						COLT CREEK NEAR FULLERTON NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 35-16-7 W.		
9-14-83	3.62					9-15	0				
			<u>LOWER LOUP RIVER ABOVE CEDAR RIVER</u>						MARE CREEK NEAR FULLERTON NE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 35-16-7 W.		
			CEDAR CREEK NEAR ST. PAUL SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 8-15-10 W.						LOUP RIVER, TRIBUTARY TO, NEAR FULLERTON SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 20-16-6 W.		
9-14-83	0					9-15	0				
			CADY CREEK NEAR CUSHING NW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 14-15-10 W.								
9-14-83	0					9-15	0				
			LOUP RIVER, TRIBUTARY TO, NEAR CUSHING SE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 7-15-9 W.						<u>CEDAR RIVER</u>		
9-14-83	0					4-28	8.32	9-29	0		
			SPRING CREEK NEAR CUSHING SE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 8-15-9 W.						BIG CEDAR CREEK NEAR SWAN LAKE NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 8-24-15 W.		
9-14-83	3.51					4-28	6.76		BIG CEDAR CREEK SE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 23-24-15 W.		
			SPRING CREEK, TRIBUTARY TO, NEAR CUSHING SE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 8-15-9 W.						BIG CEDAR CREEK NEAR DUMAS NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 28-24-14 W.		
9-14-83	0					4-28	12.8	9-29	0.69		
			ROCK CREEK NEAR CUSHING NW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 7-15-8 W.						LITTLE CEDAR CREEK NEAR SWAN LAKE SE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 29-24-15 W.		
9-15-83	0.01					4-28	1.99	9-29	0		



PLATTE RIVER BASIN  
( LOUP RIVER )

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983				MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983			
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			CLEAR CREEK NEAR ERICSON SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 12-21-11 W.				CEDAR RIVER, TRIBUTARY TO, AT SPALDING NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 20-20-9 W.
4-28	0			4-28	0.057		
			CLEAR CREEK NEAR ERICSON SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 13-21-11 W.				CEDAR RIVER NEAR SPALDING NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 34-20-9 W.
4-28	0.223			4-28	255		
			CLEAR CREEK (BELOW PIBEL LAKE) NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 36-21-11 W.				FREEMAN CREEK, NORTH BRANCH, NEAR SPALDING NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 9-19-9 W.
4-28	0.030			4-28	0		
			CEDAR RIVER NEAR SPALDING (GAGE) NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 15-20-10 W.				FREEMAN CREEK, SOUTH BRANCH, NEAR SPALDING SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 15-19-9 W.
4-28	221			4-28	0		
			CEDAR RIVER, TRIBUTARY TO NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 10-20-10 W.				FREEMAN CREEK NEAR PRIMROSE NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 12-19-9 W.
4-28	0			4-28	0.01		
			CEDAR RIVER, TRIBUTARY TO, NEAR SPALDING SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 11-20-10 W.				MUD CREEK NEAR SPALDING NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 31-20-8 W.
4-28	0.051			4-28	0		
			HACKBERRY CREEK SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 11-20-10 W.				MUD CREEK NEAR SPALDING SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 36-20-9 W.
4-28	0			4-28	0.002		
			HACKBERRY CREEK NEAR SPALDING SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 11-20-10 W.				MUD CREEK, TRIBUTARY TO, NEAR SPALDING NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 25-20-9 W.
4-28	1.18			4-28	0		
			CEDAR RIVER, TRIBUTARY TO, NEAR SPALDING NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 8-20-9 W.				MUD CREEK NEAR PRIMROSE NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 1-19-9 W.
4-28	0			4-28	0.006		

## PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			CEDAR RIVER AT PRIMROSE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-19-8 W.						TIMBER CREEK, NORTH BRANCH, NEAR CEDAR RAPIDS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-18-8 W.		
4-28	251	9-29	187			4-28	0				
			CEDAR RIVER NEAR PRIMROSE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-19-8 W.						TIMBER CREEK, NORTH BRANCH, NEAR CEDAR RAPIDS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-18-8 W.		
4-28	234					4-28	0				
			SILVER VALLEY CREEK NEAR PRIMROSE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-19-7 W.						TIMBER CREEK, NORTH BRANCH, NEAR BELGRADE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-18-8 W.		
4-28	0					4-28	0.02				
			SILVER VALLEY CREEK NEAR CEDAR RAPIDS NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-19-7 W.						TIMBER CREEK, NORTH BRANCH NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-17-8 W.		
4-28	0.001					4-28	0.06				
			CEDAR RIVER AT CEDAR RAPIDS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-18-7 W.						TIMBER CREEK, SOUTH BRANCH SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-17-9 W.		
4-28	211	9-29	231			4-28	0				
			CEDAR RIVER NEAR CEDAR RAPIDS NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-18-7 W.						TIMBER CREEK, SOUTH BRANCH NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-17-9 W.		
4-28	219					4-28	0.01				
			CEDAR RIVER AT BELGRADE SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-17-7 W.						TIMBER CREEK, SOUTH BRANCH, NEAR BELGRADE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-17-8 W.		
4-28	217	9-29	202			4-28	0.37				
			CEDAR RIVER NEAR BELGRADE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-17-6 W.						TIMBER CREEK, SOUTH BRANCH, NEAR BELGRADE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-17-8 W.		
4-28	228					4-28	2.33				
			ASH CREEK NEAR BELGRADE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-17-6 W.						TIMBER CREEK NEAR BELGRADE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-17-7 W.		
4-28	0					4-28	8.12				

PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.		
			TIMBER CREEK NEAR BELGRADE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-17-7 W.						PLUM CREEK AT HIGHWAY 22 NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-16-5 W.				
4-28	10.2					4-28	2.80						
			CEDAR RIVER NEAR FULLERTON (GAGE) SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-17-6 W.						COUNCIL CREEK NEAR GENOA SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-17-5 W.				
4-28	282					4-28	0.420	10-25	0.14				
			CEDAR RIVER AT FULLERTON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-16-6 W.						<u>BEAVER CREEK</u>				
4-28	298								BEAVER CREEK NEAR CUMMINSVILLE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-23-11 W.				
			<u>LOWER LOUP RIVER, CEDAR RIVER TO BEAVER CREEK</u>			4-28	1.56						
			PLUM CREEK AT HIGHWAY 91 SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-20-7 W.						BEAVER CREEK NEAR CUMMINSVILLE NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-23-11 W.				
4-28	0					4-28	2.65						
			PLUM CREEK AT HIGHWAY 56 NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-18-6 W.						BEAVER CREEK NEAR BARTLETT <sup>1</sup> SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-23-11 W.				
4-29	0					1-13	0	4-28	4.19	7-14	0.94	9-19	0.55
			PLUM CREEK NEAR BELGRADE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-18-6 W.			2-15	0	6-16	1.25	8-18	0.44	11-21	0.95
4-28	0								BEAVER CREEK NEAR BARTLETT SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 21-23-10 W.				
			PLUM CREEK NEAR BELGRADE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-18-6 W.			4-28	5.58						
			PLUM CREEK NEAR BELGRADE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-17-5 W.						BEAVER CREEK NEAR BARTLETT <sup>2</sup> SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-23-10 W.				
4-28	0.031					1-13	10.9	6-16	5.90	8-18	0.68	10-18	1.95
			PLUM CREEK NEAR BELGRADE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-17-5 W.			2-15	11.9	7-14	2.15	9-19	0.81	11-21	5.50
4-28	0.870								BEAVER CREEK NEAR BARTLETT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-23-9 W.				
			PLUM CREEK NEAR FULLERTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-17-5 W.			4-28	13.4						
4-28	2.42	10-25	1.03										

PLATTE RIVER BASIN  
( LOUP RIVER )

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.		
BEAVER CREEK <sup>2</sup> SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 21-23-9 W.								BEAVER CREEK NEAR LORETTO <sup>4</sup> W $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-21-7 W.							
1-13	16.2	6-16	12.1	8-18	4.22	10-18	5.32	2-15	95.7	6-16	80.2	8-18	28.7	10-18	42.2
2-15	17.8	7-14	6.76	9-19	3.95	11-21	10.2	4-28	72.1	7-14	39.6	9-19	33.8	11-21	62.8
BEAVER CREEK <sup>4</sup> SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-23-9 W.								RAE CREEK SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-22-7 W.							
1-13	28.1	6-16	17.5	8-18	6.71	10-18	10.0	4-28	0						
2-15	30.5	7-14	10.6	9-19	7.36	11-21	16.5	RAE CREEK NEAR PETERSBURG NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-21-7 W.							
4-28	26.2							4-28	0.190						
BEAVER CREEK NEAR RAEVILLE <sup>2</sup> W $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-22-8 W.								BEAVER CREEK AT LORETTO (GAGE) SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-21-7 W.							
1-13	43.0	6-16	25.4	8-18	11.2	10-18	18.0	4-28	78.4	10-25	52.2				
2-15	48.0	7-14	16.6	9-19	13.7	11-21	29.3	BEAVER CREEK, TRIBUTARY TO, NEAR LORETTO SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-21-7 W.							
BEAVER CREEK NEAR PETERSBURG <sup>4</sup> W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-22-8 W.								BEAVER CREEK, TRIBUTARY TO, NEAR LORETTO SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1-20-7 W.							
1-13	68.5	6-16	42.9	8-18	22.1	10-18	32.3	4-28	0.05						
2-15	74.0	7-14	27.8	9-19	27.8	11-21	48.9	BEAVER CREEK, TRIBUTARY TO, NEAR LORETTO SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-20-7 W.							
4-28	54.2							4-28	0.037						
BEAVER CREEK, TRIBUTARY TO, NEAR PETERSBURG NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-22-7 W.								BEAVER CREEK NEAR LORETTO NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-20-6 W.							
4-28	0							4-28	0						
BEAVER CREEK, TRIBUTARY TO, NEAR PETERSBURG NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-22-7 W.								BEAVER CREEK AT ALBION SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-20-6 W.							
4-28	0							4-28	91.2						
BEAVER CREEK <sup>4</sup> E $\frac{1}{2}$ Sec. 31-22-7 W.															
1-13	68.2	6-16	76.6	8-18	26.0	10-18	37.5								
2-15	84.5	7-14	33.7	9-19	33.0	11-21	58.9								
4-28	64.1														



PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		BEAVER CREEK, TRIBUTARY TO, NEAR ALBION NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10-20-6 W.						BOGUS CREEK NEAR ST. EDWARD SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10-18-5 W.			
4-28	0					4-28	0.02				
		BEAVER CREEK AT ALBION NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 26-20-6 W.						BOGUS CREEK NEAR ST. EDWARD NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 11-18-5 W.			
4-28	91.2	10-25	52.7			4-28	2.21	10-25	1.45		
		O'NEIL VALLEY CREEK NEAR ALBION NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 36-20-6 W.						BOGUS CREEK NEAR ST. EDWARD SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 12-18-5 W.			
4-28	0					4-28	3.53				
		BEAVER CREEK NEAR BOONE NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 5-19-5 W.						BEAVER CREEK, TRIBUTARY TO, NEAR ST. EDWARD SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 7-18-4 W.			
4-28	101					4-28	0				
		BEAVER CREEK AT BOONE NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 16-19-5 W.						BEAVER CREEK NEAR GENOA SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 33-18-4 W.			
4-28	99.4	10-25	54.1			4-28	138	10-25	74.4		
		VORHEES CREEK NEAR BOONE SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 16-19-5 W.						SKEDEE CREEK NEAR GENOA NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 16-17-4 W.			
4-28	0.01					4-28	0				
		BEAVER CREEK NEAR BOONE SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 21-19-5 W.						BEAVER CREEK AT GENOA (GAGE) NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 14-17-4 W.			
4-28	104					4-28	157				
		BEAVER CREEK AT ST. EDWARD SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 34-19-5 W.						LOOKING GLASS CREEK NEAR MONROE SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 30-18-2 W.			
4-28	151					4-11	1.23				
		BEAVER CREEK NEAR ST. EDWARD SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 12-18-5 W.						LOOKING GLASS CREEK NEAR MONROE NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 8-17-3 W.			
4-28	126	10-25	68.0			4-11	14.0				

PLATTE RIVER BASIN  
( LOUP RIVER )

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		LOUP RIVER, TRIBUTARY TO, NEAR MONROE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-17-3 W.			
4-11	2.01				
		CHERRY CREEK NEAR MONROE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-18-3 W.			
4-18	0.020				
		CHERRY CREEK NEAR MONROE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-17-2 W.			
4-18	0.548				
		LOUP RIVER, TRIBUTARY TO, NEAR MONROE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-18-2 W.			
4-18	0.032				
		LOUP RIVER, TRIBUTARY TO, NEAR MONROE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-18-2 W.			
4-18	1.53				
		BARNUM CREEK NEAR COLUMBUS NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-17-1 E.			
4-18	13.4				
		LAKE BABCOCK DRAIN NEAR COLUMBUS SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-17-1 E.			
4-18	2.78				

PLATTE RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1983								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>PLATTE RIVER, LOUP TO ELKHORN</u>															
			SHELL CREEK NEAR LINDSAY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-20-3 W.					4-19	24.5				LOST CREEK, TRIBUTARY TO, NEAR SCHUYLER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-17-3 E.		
4-11	6.89												LOST CREEK NEAR SCHUYLER SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-17-4 E.		
			ELM CREEK, TRIBUTARY TO, NEAR PLATTE CENTER NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-18-2 W.					4-19	101				PLATTE RIVER, TRIBUTARY TO, NEAR NORTH BEND NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-17-4 E.		
4-18	.625														
			ELM CREEK AT PLATTE CENTER NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-18-2 W.					4-19	1.52				PLATTE RIVER, TRIBUTARY TO, NEAR NORTH BEND SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-17-5 E.		
4-18	5.18														
			SHELL CREEK NEAR PLATTE CENTER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-18-1 W.					3-23	3.09				PLATTE RIVER, TRIBUTARY TO, NEAR AMES SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-17-7 E.		
5-3	8.48														
			SHELL CREEK, TRIBUTARY TO, NEAR RICHLAND SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-18-2 E.					3-23	43.5				PLATTE RIVER, TRIBUTARY TO, NEAR FREMONT SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-17-7 E.		
4-18	7.50														
			SHELL CREEK NEAR SCHUYLER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-17-4 E.					3-23	26.0						
4-19	172														
			LOST CREEK ABOVE LOUP POWER CANAL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-17-1 E.												
4-11	13.4														
			LOST CREEK NEAR COLUMBUS NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-17-1 E.												
4-18	25.9														

PLATTE RIVER BASIN  
( ELKHORN RIVER )

MEASUREMENT OF STREAMS Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>UPPER ELKHORN</u>											
6-1	6.98					6-1	19.7	10-3	4.5	11-7	6.66
									DRY CREEK NEAR O'NEILL <sup>3</sup> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-28-11 W.		
									ELKHORN RIVER, TRIBUTARY TO, NEAR PAGE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-27-9 W.		
6-1	8.30	10-3	0.50	11-7	1.39	6-2	0	11-2	0		
									WILLOW SWAMP CREEK NEAR EWING SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-27-10 W.		
						6-2	2.68	11-2	1.59		
									ELKHORN RIVER NEAR EWING <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-27-9 W.		
10-3	11.5					10-4	43.0				
									ELKHORN RIVER, SOUTH FORK, NEAR AMELIA <sup>1</sup> SE $\frac{1}{4}$ Sec. 11-26-13 W.		
6-1	1.22	11-7	0			10-3	1.9				
									ELKHORN RIVER, SOUTH FORK, NEAR CHAMBERS NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-26-11 W.		
6-1	6.26	11-7	0			6-1	15.0	11-8	3.84		
									ELKHORN RIVER, SOUTH FORK, TRIBUTARY TO, NEAR CHAMBERS NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-25-11 W.		
6-1	12.1	10-3	1.3	11-7	2.49	6-1	2.83				
									ELKHORN RIVER, SOUTH FORK, NEAR EWING <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-26-9 W.		
						10-3	6.3				
									CACHE CREEK NEAR BLISS <sup>1</sup> NW $\frac{1}{4}$ Sec. 31-25-11 W.		
						10-3	35.9				
10-3	5.6					10-4	0				

PLATTE RIVER BASIN  
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			CACHE CREEK NEAR GOOSE LAKE NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 29-25-11 W.						HACKBERRY CREEK NEAR CLEARWATER SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 32-26-7 W.				
6-1	1.50	11-8	0.28			6-2	0.044	11-2	0.261				
			CACHE CREEK NEAR EWING <sup>3</sup> SW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 13-26-9 W.						ANTELOPE CREEK NEAR NELIGH <sup>3</sup> NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 24-25-7 W.				
6-2	21.3	10-4	6.4	11-2	9.00	6-7	1.24	10-4	0.20	11-2	0.603		
			CLEARWATER CREEK, TRIBUTARY TO, NEAR EWING <sup>1</sup> SW $\frac{1}{2}$ Sec. 28-25-9 W.						HALL CREEK NEAR NELIGH <sup>1</sup> SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 8-25-6 W.				
10-4	0.1					10-4	0						
			CLEARWATER CREEK NEAR EWING <sup>1</sup> SE $\frac{1}{2}$ Sec. 27-25-9 W.						HALL CREEK AT NELIGH NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 18-25-6 W.				
10-7	9.5					5-13	0.100	11-2	0.007				
			CLEARWATER CREEK, TRIBUTARY TO, NEAR EWING <sup>1</sup> NW $\frac{1}{2}$ Sec. 36-25-9 W.						BELMAR CREEK AT NELIGH NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 21-25-6 W.				
10-4	0.2					5-13	0.36						
			CLEARWATER CREEK NEAR CLEARWATER NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 30-25-8 W.						CEDAR CREEK NEAR ELGIN SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 2-23-6 W.				
6-2	24.3	11-8	16.8			5-16	0.994						
			CLEARWATER CREEK, TRIBUTARY TO, NEAR CLEARWATER <sup>1</sup> SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 29-25-8 W.						WEST CEDAR CREEK NEAR ELGIN <sup>1</sup> NE $\frac{1}{2}$ Sec. 20-24-6 W.				
10-4	0					10-4	0						
			SNAKE CREEK NEAR CLEARWATER <sup>1</sup> NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 23-25-8 W.						WEST CEDAR CREEK NEAR ELGIN <sup>3</sup> SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 4-23-6 W.				
10-4	0					5-16	1.96	10-4	3.90				
			CLEARWATER CREEK NEAR CLEARWATER <sup>1</sup> SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 14-25-8 W.						CEDAR CREEK AT OAKDALE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 12-24-6 W.				
10-4	18.9					5-13	18.6	11-2	16.3				

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Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			ELM CREEK NEAR OAKDALE NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 8-24-5 W.								BUFFALO CREEK NEAR TILDEN <sup>1</sup> SW $\frac{1}{4}$ Sec. 15-23-4 W.
11-2	0.010					10-5	0				
			TRUEBLOOD CREEK NEAR OAKDALE SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 33-25-5 W.								BUFFALO CREEK NEAR MEADOW GROVE <sup>1</sup> SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 34-24-4 W.
4-11	0.186	11-8	0.321			10-5	1.00				
			SAINT CLAIR CREEK NEAR OAKDALE NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 9-24-5 W.								BUFFALO CREEK AT MEADOW GROVE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 24-24-4 W.
4-11	0.38	11-8	0.077			4-11	6.42	11-2	3.92		
			IVES CREEK NEAR TILDEN <sup>1</sup> NW $\frac{1}{2}$ Sec. 22-24-5 W.								DEER CREEK NEAR MEADOW GROVE <sup>3</sup> NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 30-24-3 W.
10-4	0.20					4-11	5.98	10-5	1.75	11-2	2.45
			IVES CREEK NEAR TILDEN NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 15-24-5 W.								BATTLE CREEK NEAR BATTLE CREEK NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 35-23-3 W.
5-13	1.28	11-2	0.91			3-3	5.94	10-25	0.009		
			GILES CREEK NEAR TILDEN SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 13-24-5 W.								BATTLE CREEK NEAR BATTLE CREEK <sup>3</sup> SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 31-24-2 W.
4-11	3.29	11-8	3.79			3-3	41.5	10-5	12.0	10-25	12.0
			AL HOPKINS CREEK NEAR TILDEN <sup>3</sup> NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 12-24-5 W.								ELKHORN RIVER, TRIBUTARY TO, NEAR BATTLE CREEK NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 34-24-2 W.
4-11	1.35	10-4	0.32	11-8	0.40	3-3	10.6	10-25	2.18		
			DRY CREEK NEAR TILDEN <sup>1</sup> SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 21-24-4 W.								ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 6-23-1 W.
10-5	0.73					3-3	3.13	10-25	0.48		
			DRY CREEK NEAR TILDEN NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 21-24-4 W.								ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 5-23-1 W.
4-11	1.94	11-2	0.743			3-3	10.6	10-25	0.437		

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				<u>NORTH FORK OF THE ELKHORN RIVER</u>						<u>DRY CREEK, TRIBUTARY TO, NEAR PLAINVIEW<sup>3</sup></u>			
				ELKHORN RIVER, NORTH FORK, NEAR OSMOND <sup>1</sup> NW $\frac{1}{4}$ Sec. 8-28-2 W.		10-11	0	11-8	0		NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-27-4 W.		
10-12	0.90			ELKHORN RIVER, NORTH FORK, NEAR OSMOND NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-27-3 W.		4-21	33.9	10-11	3.64	11-8	4.93		
6-9	9.26	11-8	3.30	ELKHORN RIVER, WEST BRANCH OF NORTH FORK, NEAR OSMOND <sup>1</sup> NE $\frac{1}{4}$ Sec. 16-28-3 W.		10-11	7.18			DRY CREEK AT FOSTER <sup>3</sup> NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-27-3 W.			
10-12	0			ELKHORN RIVER, WEST BRANCH OF NORTH FORK, NEAR OSMOND <sup>3</sup> NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-27-3 W.		4-21	45.7	11-7	9.23	DRY CREEK NEAR PIERCE <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-26-2 W.			
6-9	2.77	10-12	0.18	11-8	0.124	6-9	4.52	11-7	.93	YANKTON SLOUGH NEAR PIERCE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-26-2 W.			
10-12	0			BRESLAU CREEK NEAR PLAINVIEW <sup>1</sup> NE $\frac{1}{4}$ Sec. 25-28-4 W.		10-11	0			WILLOW CREEK NEAR WILLOWDALE <sup>1</sup> NE $\frac{1}{4}$ Sec. 18-26-4 W.			
6-9	1.42	11-8	0.42	BRESLAU CREEK NEAR BRESLAU NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-27-3 W.		4-21	12.6			WILLOW CREEK NEAR PLAINVIEW NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20-26-4 W.			
10-11	6.44			ELKHORN RIVER, NORTH FORK, NEAR FOSTER <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-27-2 W.		4-21	29.2	10-11	7.66	11-17	10.2		
10-11	0.16			DRY CREEK NEAR PLAINVIEW <sup>1</sup> NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-27-4 W.		11-17	10.9			WILLOW CREEK ABOVE WILLOW CREEK RESERVOIR SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-25-3 W.			
10-11	0.20			DRY CREEK, TRIBUTARY TO, NEAR PLAINVIEW <sup>1</sup> NE $\frac{1}{4}$ Sec. 19-27-4 W.									

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WILLOW CREEK ABOVE WILLOW CREEK RESERVOIR SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-25-2 W.								MIDDLE REACH OF THE ELKHORN RIVER							
8-11	8.53	10-12	8.71	11-2	9.96	11-17	10.6	ELKHORN RIVER, TRIBUTARY TO, NEAR STANTON SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-23-1 E.							
9-28	7.53	10-28	9.50					5-24	2.28	10-27	0.386				
WILLOW CREEK BELOW WILLOW CREEK RESERVOIR NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-26-2 W.								ELKHORN RIVER, TRIBUTARY TO, NEAR STANTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-23-1 E.							
7-21	2.81	8-20	2.52	10-12	3.75	11-2	4.35	PLEASANT RUN CREEK NEAR STANTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-23-1 E.							
8-11	3.20	9-28	3.43	10-28	3.36	11-17	4.85	5-24	6.03						
WILLOW CREEK BELOW WILLOW CREEK RESERVOIR <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-26-2 W.								UNION CREEK NEAR MADISON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-21-2 W.							
10-11	4.53							5-24	4.05						
WILLOW CREEK AT PIERCE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27-26-2 W.								UNION CREEK NEAR MADISON <sup>1</sup> NE $\frac{1}{4}$ Sec. 25-21-2 W.							
4-21	72.1	11-17	5.61					4-11	7.27	11-1	1.44				
ELKHORN RIVER, NORTH FORK, NEAR PIERCE <sup>1</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 31-25-1 W.								TAYLOR CREEK NEAR MADISON <sup>1</sup> SW $\frac{1}{4}$ Sec. 25-22-2 W.							
10-11	28.9							9-30	0.63						
HADAR CREEK AT HADAR NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-25-1 W.								TAYLOR CREEK AT MADISON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-22-1 W.							
4-21	0.441	11-7	0.11					8-30	7.57						
SPRING CREEK NEAR NORFOLK <sup>1</sup> NW $\frac{1}{4}$ Sec. 12-24-1 W.								TRACY CREEK NEAR CRESTON <sup>1</sup> NW $\frac{1}{4}$ Sec. 11-20-1 W.							
10-11	1.10							4-11	18.8	11-1	11.6				
SPRING CREEK NEAR NORFOLK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-24-1 W.								MERIDIAN CREEK NEAR MADISON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-12-1 W.							
3-23	14.3	10-25	3.65					8-30	0.26						
ELKHORN RIVER, NORTH FORK, AT NORFOLK <sup>1</sup> SE $\frac{1}{4}$ Sec. 26-24-1 W.															
10-11	48.2							4-11	38.8						



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			SAND CREEK NEAR STANTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-22-1 E.						HUMBUG CREEK NEAR PILGER SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-24-3 E.				
5-24	1.10					5-24	10.6						
			UNION CREEK NEAR ENOLA <sup>1</sup> SE $\frac{1}{2}$ Sec. 15-22-1 E.						HUMBUG CREEK NEAR PILGER <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-24-3 E.				
9-14	13.3					9-15	3.26						
			BUTTERFLY CREEK NEAR STANTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-23-2 E.						HUMBUG CREEK, SOUTH BRANCH, NEAR STANTON <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24-24-2 E.				
5-24	3.77	10-27	0.85			9-15	1.28						
			MASKENTHINE CREEK NEAR STANTON <sup>1</sup> SE $\frac{1}{4}$ Sec. 18-23-2 E.						HUMBUG CREEK NEAR PILGER <sup>3</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-24-3 E.				
9-14	0					5-24	23.3	9-15	4.58				
			MASKENTHINE CREEK AT STANTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-23-2 E.						SAND CREEK NEAR WISNER <sup>3</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-24-4 E.				
5-24	2.14	10-27	0			5-24	6.57	9-21	1.51				
			INDIAN CREEK NEAR STANTON <sup>3</sup> NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-23-2 E.						LEISY CREEK NEAR WISNER <sup>3</sup> NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-23-4 E.				
5-24	1.16	9-14	0.28			5-24	2.00	9-21	0.55				
			CEDAR CREEK NEAR STANTON <sup>1</sup> NW $\frac{1}{4}$ Sec. 30-23-3 E.						ROCK CREEK NEAR BEEMER <sup>3</sup> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-23-5 E.				
9-14	1.86					5-25	16.6	9-7	10.8				
			CEDAR CREEK NEAR STANTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-23-3 E.						PLUM CREEK NEAR ALTONA <sup>1</sup> NW $\frac{1}{4}$ Sec. 27-25-4 E.				
5-24	8.59					10-13	0.4						
			PAYNE CREEK NEAR STANTON <sup>3</sup> SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-23-2 E.						PLUM CREEK, TRIBUTARY TO, NEAR ALTONA <sup>1</sup> SW $\frac{1}{4}$ Sec. 22-25-4 E.				
5-24	3.97	9-14	1.11			10-13	0.7						

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		PLUM CREEK, TRIBUTARY TO, NEAR ALTONA <sup>1</sup> NW $\frac{1}{4}$ Sec. 34-25-4 E.						WORTMAN'S CREEK NEAR WEST POINT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-21-6 E.			
10-13	0.3					5-31	0.621				
		KANE CREEK NEAR PENDER <sup>1</sup> SE $\frac{1}{4}$ Sec. 5-24-5 E.						FISHER CREEK NEAR WEST POINT NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-21-6 E.			
10-13	1.67					5-31	3.27				
		KANE CREEK NEAR WISNER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-24-5 E.						FISHER CREEK, TRIBUTARY TO, NEAR WEST POINT <sup>1</sup> NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-21-5 E.			
5-27	4.12					9-7	0				
		PLUM CREEK NEAR WISNER <sup>1</sup> SW $\frac{1}{4}$ Sec. 16-24-5 E.						FISHER CREEK, TRIBUTARY TO, NEAR WEST POINT <sup>2</sup> NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-21-6 E.			
10-13	3.52					5-31	2.70	9-7	0.83		
		DRY CREEK NEAR PENDER <sup>1</sup> SE $\frac{1}{4}$ Sec. 3-24-5 E.						COFFEE CREEK NEAR WEST POINT SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-21-6 E.			
10-13	0.51					5-31	0.486				
		DRY CREEK NEAR WISNER <sup>1</sup> SW $\frac{1}{4}$ Sec. 22-24-5 E.						CUMING CREEK NEAR BEEMER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-23-7 E.			
10-13	0.72					5-27	5.16				
		PLUM CREEK NEAR WISNER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-23-5 E.						CUMING CREEK NEAR CROWELL <sup>1</sup> SE $\frac{1}{4}$ Sec. 20-20-7 E.			
5-27	37.1					9-8	3.80				
		PLUM CREEK, TRIBUTARY TO, NEAR WISNER <sup>1</sup> SW $\frac{1}{4}$ Sec. 20-23-6 E.						CUMING CREEK NEAR WEST POINT NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-21-7 E.			
9-8	0.09					5-31	10.8				
		PLUM CREEK NEAR WEST POINT <sup>3</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-22-6 E.						WILLOW CREEK NEAR WEST POINT <sup>3</sup> NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-21-7 E.			
5-27	44.6	9-8	7.05			5-31	2.26	9-8	0.66		



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		MID LOGAN CREEK, TRIBUTARY TO, AT RANDOLPH <sup>1</sup> NE $\frac{1}{4}$ Sec. 30-28-1 E.						DEER CREEK, TRIBUTARY TO, NEAR WAYNE <sup>3</sup> NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-26-3 E.			
10-12	0.05					4-19	28.2	10-13	3.05		
		MIDDLE LOGAN CREEK NEAR LAUREL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-28-3 E.						DEER CREEK NEAR WAYNE <sup>3</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-26-3 E.			
5-31	10.6					4-19	56.5	10-13	4.61		
		PERRIN CREEK NEAR COLERIDGE <sup>1</sup> NE $\frac{1}{4}$ Sec. 14-29-2 E.						SOUTH LOGAN CREEK AT WAYNE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-26-4 E.			
10-2	0					4-19	97.1	5-31	38.6		
		PERRIN CREEK NEAR LAUREL SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-29-3 E.						DOG CREEK NEAR CARROLL <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-27-3 E.			
5-31	8.44	10-12	5.70			10-13	4.79				
		BAKER CREEK NEAR LAUREL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-28-3 E.						DOG CREEK NEAR WAYNE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-26-4 E.			
5-31	3.99					4-19	36.7				
		LOGAN CREEK, TRIBUTARY TO, NEAR LAUREL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-29-3 E.						SAND CREEK NEAR WAKEFIELD <sup>1</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-27-5 E.			
5-31	2.56					10-12	0				
		LOGAN CREEK, TRIBUTARY TO, NEAR CONCORD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-28-4 E.						SOUTH LOGAN CREEK NEAR WAKEFIELD <sup>3</sup> SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-27-5 E.			
5-31	6.34					6-7	59.5	10-12	28.0		
		SOUTH LOGAN CREEK NEAR WINSIDE <sup>3</sup> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-26-3 E.						LOGAN CREEK AT WAKEFIELD <sup>1</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-27-5 E.			
4-19	25.5	10-13	2.37			10-12	66.0				
		DEER CREEK NEAR CARROLL <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-26-3 E.						LOGAN CREEK, TRIBUTARY TO, NEAR WAKEFIELD <sup>1</sup> NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-26-5 E.			
10-13	0.155					10-12	0.8				

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			COON CREEK, TRIBUTARY TO, NEAR WAYNE <sup>1</sup> NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-26-4 E.						MIDDLE CREEK NEAR EMERSON <sup>1</sup> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-27-6 E.				
10-12	0					10-12	0.80						
			COON CREEK NEAR WAYNE <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-26-4 E.						MIDDLE CREEK, TRIBUTARY TO, NEAR THURSTON <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-26-6 E.				
10-12	0.3					10-12	0.3						
			COON CREEK NEAR WAKEFIELD <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-26-5 E.						MIDDLE CREEK NEAR PENDER <sup>2</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-25-6 W.				
10-12	1.00					6-1	11.1	10-12	4.0				
			COON CREEK NEAR WAKEFIELD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-26-5 E.						LOGAN CREEK, TRIBUTARY TO, NEAR PENDER <sup>1</sup> SE $\frac{1}{4}$ Sec. 32-25-7 E.				
4-19	19.4					11-2	0.4						
			LOGAN CREEK, TRIBUTARY TO, NEAR THURSTON <sup>1</sup> NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-26-5 E.						LOGAN CREEK, TRIBUTARY TO, NEAR PENDER <sup>1</sup> SE $\frac{1}{4}$ Sec. 21-25-6 E.				
10-12	0.4					11-2	0.3						
			LOGAN CREEK, TRIBUTARY TO, NEAR THURSTON <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-25-5 E.						STAGE CREEK NEAR PENDER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-24-6 E.				
10-12	0.2					6-1	0.841						
			RATTLESNAKE CREEK NEAR PENDER <sup>1</sup> NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-25-6 E.						LOGAN CREEK, TRIBUTARY TO, NEAR PENDER <sup>1</sup> SE $\frac{1}{4}$ Sec. 36-25-6 E.				
10-12	0.7					11-2	0						
			MIDDLE CREEK NEAR WAKEFIELD <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-27-5 E.						JEPPESON CREEK NEAR BANCROFT NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-24-7 E.				
10-12	0.04					5-25	1.61						
			MIDDLE CREEK NEAR WAKEFIELD <sup>1</sup> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-27-5 E.						OLD LOGAN CREEK NEAR BANCROFT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-24-7 E.				
10-12	0.40					6-1	6.59						

PLATTE RIVER BASIN  
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			LOGAN CREEK NEAR BANCROFT <sup>1</sup> SE $\frac{1}{4}$ Sec. 26-24-7 E.						LOGAN CREEK AT OAKLAND <sup>1</sup> SE $\frac{1}{4}$ Sec. 26-22-8 E.		
11-2	115					9-8	105				
			BIG SLOUGH CREEK AT ROSALIE <sup>1</sup> NE $\frac{1}{4}$ Sec. 16-24-8 E.						PETERSON CREEK NEAR OAKLAND NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10-21-8 E.		
11-2	0.6					5-25	2.59				
			LOGAN CREEK, TRIBUTARY TO, NEAR ROSALIE <sup>1</sup> SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 11-23-8 E.						ROMBERG CREEK NEAR UEHLING SW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 4-20-8 E.		
9-21	0					5-25	3.22				
			LITTLE LOGAN CREEK NEAR BANCROFT <sup>1</sup> NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 4-23-7 E.						LOGAN CREEK NEAR UEHLING <sup>1</sup> NE $\frac{1}{4}$ Sec. 32-20-8 E.		
9-21	0.3					8-30	125				
			LITTLE LOGAN CREEK, TRIBUTARY TO, NEAR LYONS <sup>1</sup> SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 36-23-7 E.						<u>LOWER ELKHORN</u>		
9-21	0.2								CLARK CREEK NEAR WINSLOW <sup>3</sup> NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 19-19-9 E.		
			LITTLE LOGAN CREEK NEAR BANCROFT <sup>1</sup> SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 8-23-8 E.			3-23	10.6	8-31	1.00		
9-21	0.7								MAPLE CREEK, WEST FORK, AT LEIGH <sup>1</sup> NE $\frac{1}{4}$ Sec. 11-20-2 E.		
			LITTLE LOGAN CREEK, TRIBUTARY TO, NEAR LYONS <sup>1</sup> SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 24-23-7 E.			8-25	3.2				
9-21	0.03								MAPLE CREEK, TRIBUTARY TO WEST FORK, NEAR CLARKSON <sup>1</sup> NE $\frac{1}{4}$ Sec. 3-20-2 E.		
			LITTLE LOGAN CREEK NEAR LYONS <sup>3</sup> SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 34-23-8 E.			8-25	1.0				
5-25	13.4	9-21	1.80						MAPLE CREEK, TRIBUTARY TO WEST FORK, NEAR CLARKSON <sup>1</sup> NW $\frac{1}{4}$ Sec. 6-20-3 E.		
			LOGAN CREEK, TRIBUTARY TO, NEAR OAKLAND <sup>1</sup> SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 15-22-8 E.			8-25	1.4				
9-21	0.82								MAPLE CREEK, MIDDLE FORK, AT CLARKSON NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 8-20-3 E.		
						4-19	55.8				

PLATTE RIVER BASIN  
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		MAPLE CREEK, MIDDLE FORK, NEAR CLARKSON <sup>1</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-20-3 E.						DRY CREEK NEAR ROGERS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-18-4 E.					
9-19	4.0					4-19	37.0						
		MAPLE CREEK, MIDDLE FORK, NEAR HOWELLS <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-19-4 E.						MAPLE CREEK, TRIBUTARY TO EAST FORK, NEAR HOWELLS <sup>1</sup> SW $\frac{1}{2}$ Sec. 25-21-2 E.					
8-25	19.2					8-25	0.34						
		DRY CREEK, TRIBUTARY TO, NEAR CLARKSON <sup>1</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-19-3 E.						MAPLE CREEK, EAST FORK, NEAR HOWELLS <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-21-3 E.					
8-25	3.9					9-19	3.10						
		DRY CREEK NEAR CLARKSON <sup>1</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-19-3 E.						MAPLE CREEK, EAST FORK, NEAR HOWELLS NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 17-20-4 E.					
8-25	3.2					4-19	47.0						
		DRY CREEK, TRIBUTARY TO, NEAR LEIGH <sup>1</sup> NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-19-3 E.						MAPLE CREEK, TRIBUTARY TO EAST FORK, NEAR DODGE <sup>1</sup> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-19-4 E.					
8-25	0.3					9-19	0.2						
		DRY CREEK, TRIBUTARY TO, NEAR LEIGH <sup>1</sup> NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-19-3 E.						MAPLE CREEK, EAST FORK, NEAR ROGERS <sup>3</sup> NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-18-4 E.					
8-25	1.1					4-19	72.0	9-19	5.8				
		DRY CREEK, TRIBUTARY TO, NEAR SCHUYLER <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-19-3 E.						MAPLE CREEK NEAR WEBSTER <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-18-5 E.					
8-25	6.9					9-19	21.3						
		DRY CREEK, SOUTH FORK, NEAR SCHUYLER <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-18-3 E.						CRYSTAL CREEK NEAR WEBSTER <sup>1</sup> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-19-5 E.					
8-25	1.7					9-19	0.20						
		DRY CREEK NEAR ROGERS <sup>1</sup> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-18-4 E.						CRYSTAL CREEK NEAR NORTH BEND NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-19-5 W.					
8-25	8.2					3-23	3.65						

PLATTE RIVER BASIN  
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			MAPLE CREEK NEAR NICKERSON <sup>1</sup> NE $\frac{1}{4}$ Sec. 5-18-8 E.						BROWN CREEK NEAR ARLINGTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-17-10 E.				
8-31	33.7					7-5	3.58						
			ELKHORN RIVER, TRIBUTARY TO, NEAR FREMONT NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-17-9 E.						BELL CREEK NEAR ARLINGTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-17-10 E.				
3-23	7.95					7-5	64.2						
			BELL CREEK NEAR CRAIG SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-21-9 E.						WALNUT CREEK NEAR ARLINGTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-17-10 E.				
5-25	33.0					7-5	1.91						
			BELL CREEK NEAR CRAIG <sup>1</sup> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-21-9 E.						RAWHIDE CREEK NEAR FREMONT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-17-9 E.				
10-17	14.7					3-23	5.29						
			BELL CREEK, TRIBUTARY TO, NEAR UEHLING <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-20-9 E.						RAWHIDE CREEK NEAR ARLINGTON <sup>1</sup> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-17-9 E.				
10-17	0.90					8-29	0.4						
			BELL CREEK, TRIBUTARY TO, NEAR HERMAN <sup>1</sup> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-20-10 E.						RAWHIDE CREEK NEAR VALLEY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-17-10 E.				
10-17	2.90					3-23	13.6						
			BELL CREEK NEAR TALBASTA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-19-9 E.						RAWHIDE CREEK NEAR VALLEY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-16-10 E.				
7-5	60.8					7-7	6.65						
			BELL CREEK, TRIBUTARY TO, NEAR ORUM <sup>1</sup> SW $\frac{1}{4}$ Sec. 9-18-10 E.						RAWHIDE CREEK (OLD CHANNEL) NEAR MERCER <sup>1</sup> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-17-9 E.				
9-6	0.7					8-29	5.0						
			LITTLE BELL CREEK NEAR FONTANELLE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-18-10 E.						RAWHIDE CREEK (OLD CHANNEL) NEAR VALLEY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-16-10 E.				
7-5	6.05					7-7	32.2						





PLATTE RIVER BASIN  
( SALT CREEK )

MEASUREMENT OF STREAMS Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date.	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			SALT CREEK NEAR ROCA NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-8-6 E.						MIDDLE OAK CREEK, TRIBUTARY TO, NEAR BRANCHED OAK LAKE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-12-4 E.				
7-26	2.42	10-14	3.44			6-8	1.74						
			BEAL SLOUGH AT LINCOLN NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-9-6 E.						OAK CREEK BELOW BRANCHED OAK LAKE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-12-5 E.				
8-1	1.14	10-14	0.20			9-8	4.36						
			HAINES BRANCH NEAR DENTON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-9-5 E.						OAK CREEK NEAR RAYMOND NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-11-6 E.				
7-26	3.13	10-14	1.22			8-1	8.60						
			HAINES BRANCH NEAR LINCOLN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-9-6 E.						DEAD MAN'S RUN AT LINCOLN NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-10-7 E.				
7-26	8.50	10-14	4.89			8-3	1.98	10-14	1.61				
			MIDDLE CREEK, NORTH BRANCH, NEAR PAWNEE LAKE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 31-11-5 E.						JORDAN CREEK NEAR WAVERLY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-11-8 E.				
8-1	4.54	10-14	3.22			8-1	1.16	10-17	0.77				
			MIDDLE CREEK NEAR LINCOLN NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-10-6 E.						ROCK CREEK NEAR DAVEY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-12-7 E.				
7-26	12.2	10-14	5.49			8-1	6.33	10-18	7.72				
			NORTH OAK CREEK NEAR RAYMOND SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-12-5 E.						ROCK CREEK NEAR WAVERLY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-12-8 E.				
8-1	15.8					8-1	11.6	10-17	12.0				
			OAK CREEK NEAR GARLAND SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-12-4 E.						CAMP CREEK NEAR WAVERLY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-11-8 E.				
6-8	9.86					8-1	3.99	10-17	2.84				
			MIDDLE OAK CREEK NEAR GARLAND NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-12-4 E.						DEE CREEK NEAR GREENWOOD NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-11-9 E.				
6-8	6.62					6-3	3.52	10-17	2.28				

PLATTE RIVER BASIN  
( SALT CREEK )

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			GREENWOOD CREEK NEAR GREENWOOD NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-12-9 E.						WAHOO CREEK AT ASHLAND SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-13-9 E.				
6-3	2.09	10-17	1.12			6-3	130	10-17	52.0				
			ROBINSON BRANCH NEAR GREENWOOD SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-12-9 E.						CLEAR CREEK NEAR ASHLAND SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-13-9 E.				
6-3	1.59	10-17	0.45			6-3	15.2	10-17	7.58				
			CALLAHAN CREEK NEAR GREENWOOD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-12-9 E.										
6-3	8.10	10-17	3.28										
			WAHOO CREEK, NORTH FORK, NEAR MALMO SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-15-6 E.										
6-2	9.33	10-18	3.14										
			WAHOO CREEK, TRIBUTARY TO, NORTH FORK NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-15-6 E.										
6-2	5.15	10-18	2.62										
			WAHOO CREEK NEAR WESTON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-14-6 E.										
6-2	6.52	10-18	2.76										
			COTTONWOOD CREEK NEAR MALMO NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22-15-6 E.										
6-2	11.5	10-18	2.37										
			SAND CREEK NEAR WAHOO SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-14-7 E.										
6-2	36.5	10-17	14.8										
			SILVER CREEK NEAR ITHACA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-14-8 E.										
6-2	15.9	10-17	8.46										

## PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983									
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.				
<u>PLATTE RIVER, SALT CREEK TO MOUTH</u>						SPRINGFIELD CREEK NEAR SPRINGFIELD SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-13-11 E.									
PAWNEE CREEK NEAR SOUTH BEND NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-12-10 E.						7-12	2.16	CEDAR CREEK NEAR LOUISVILLE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-12-12 E.							
6-7	2.68	10-26	1.49	PLATTE RIVER, TRIBUTARY TO, NEAR SOUTH BEND NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-12-10 E.						6-8	8.41	10-26	5.36		
7-12	0	FOUNTAIN CREEK NEAR SOUTH BEND SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24-12-10 E.						6-8	2.24	10-26	1.0	TURKEY CREEK NEAR CEDAR CREEK NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-12-12 E.			
6-7	3.16	10-26	1.74	DECKER CREEK NEAR LOUISVILLE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-12-11 E.						7-12	2.50	ZWIEBEL CREEK NEAR PAPILLION NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-13-13 E.			
6-7	4.28	10-26	2.24	MILL CREEK NEAR LOUISVILLE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-12-11 E.						6-8	29.4	10-26	13.1	EIGHT MILE CREEK NEAR PLATTSMOUTH SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-12-13 E.	
6-7	3.66	10-26	1.51	BUFFALO CREEK NEAR SPRINGFIELD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-13-11 E.											
7-12	2.76	TURTLE CREEK NEAR SPRINGFIELD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-13-11 E.													
7-12	0														

MISSOURI RIVER TRIBUTARIES  
( PLATTE TO LITTLE NEMAHA )

MEASUREMENT OF STREAMS Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>ROCK CREEK</u>						<u>SOUTH TABLE CREEK AT NEBRASKA CITY</u> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-8-14 E.							
MUD CREEK NEAR MURRAY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-11-14 E.						6-9	6.74	11-7	2.09				
6-8	3.08	10-27	1.19			<u>FOUR MILE CREEK</u>							
ROCK CREEK BELOW BEAVER LAKE DAM NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-11-14 E.						6-9	6.20	11-7	1.93	FOUR MILE CREEK NEAR NEBRASKA CITY NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-8-14 E.			
6-8	7.46	10-27	4.74			<u>CAMP CREEK</u>							
<u>WEeping WATER CREEK</u>						CAMP CREEK NEAR JULIAN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-7-14 E.							
WEeping WATER CREEK, NORTH BRANCH, NEAR WEeping WATER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3-10-11 E.						6-7	25.9	10-27	10.4	11-7	3.67		
WEeping WATER CREEK, TRIBUTARY TO, NORTH BRANCH, NEAR NEHAWKA SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-10-13 E.						6-8	14.5	10-27	6.43	<u>HONEY CREEK</u>			
WEeping WATER CREEK, SOUTH BRANCH, NEAR UNION NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-10-13 E.						6-8	29.3	10-27	10.7	7-20	3.69	11-14	1.70
<u>WALNUT CREEK</u>						HONEY CREEK NEAR PERU NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-6-15 E.							
WALNUT CREEK NEAR NEBRASKA CITY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-9-13 E.						6-9	2.91	11-7	3.06				
<u>TABLE CREEK</u>						NORTH TABLE CREEK AT NEBRASKA CITY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-8-14 E.							
6-9	1.36	11-7	.731										

## LITTLE NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			LITTLE NEMAHA RIVER NEAR UNADILLA NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-8-10 E.						SPRING CREEK NEAR TALMAGE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-7-12 E.		
6-9	17.3					7-5	4.30				
			HOOPER CREEK NEAR UNADILLA SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-9-10 E.						WILSON CREEK NEAR DUNBAR SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-8-12 E.		
6-9	12.7					6-9	1.80				
			LITTLE NEMAHA RIVER NEAR SYRACUSE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-8-11 E.						FOX CREEK NEAR DUNBAR SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-8-13 E.		
7-5	60.9					6-9	3.91				
			BROWNELL CREEK NEAR SYRACUSE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-8-11 E.						LITTLE NEMAHA RIVER, NORTH FORK, NEAR LORTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-7-12 E.		
7-5	4.68					7-5	30.9				
			MUDDY CREEK NEAR SYRACUSE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-7-11 E.						SANDY CREEK NEAR TALMAGE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32-7-13 E.		
7-5	7.22					7-5	3.22				
			SILVER CREEK NEAR COOK NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-6-10 E.						JONES CREEK NEAR BROCK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-6-13 E.		
6-2	1.30					7-21	1.25	11-3	3.43		
			TURKEY CREEK NEAR COOK NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-6-11 E.						HOUSCHINS CREEK NEAR BROCK SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-6-13 E.		
6-2	1.38					7-21	1.63	11-3	1.29		
			COON CREEK NEAR COOK NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-6-11 E.						LITTLE NEMAHA RIVER, TRIBUTARY TO, NEAR GLENROCK SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-6-13 E.		
6-2	.911					7-21	2.48	11-8	1.20		
			LITTLE NEMAHA RIVER, SOUTH FORK, NEAR TALMAGE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-7-12 E.						ROCK CREEK NEAR AUBURN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-6-14 E.		
7-5	29.2					7-21	8.42	11-3	6.88		







B I G N E M A H A R I V E R B A S I N

MEASUREMENT OF STREAMS Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
6-2	2.09	10-14	.531			7-21	1.63						
6-2	.514	10-14	0.0			7-21	1.64						
6-2	3.11					7-15	.825	11-16	.351				
6-2	18.3					7-15	4.98	11-16	4.45				
6-3	12.8												
6-3	3.86					7-21	1.11						
6-3	49.6					7-21	1.49						
6-3	1.10					7-21	3.68						
6-3	10.3					7-15	18.7						

## BIG NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
				JOHNSON CREEK NEAR DU BOIS SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-1-11 E.						WALNUT CREEK NEAR FALLS CITY SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-1-16 E.			
7-15	3.09					7-14	25.4	11-2	18.0				
				BIG NEMAHA RIVER, SOUTH FORK, NEAR DU BOIS SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-1-13 E.						MUDDY CREEK NEAR AUBURN NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-4-14 E.			
7-15	69.6	11-16	49.4			7-20	5.79	11-15	4.19				
				FOUR MILE CREEK NEAR DAWSON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-1-14 E.						LITTLE MUDDY CREEK NEAR STELLA NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-3-15 E.			
7-15	7.48	11-16	3.82			7-13	6.45	11-15	6.72				
				SPRING CREEK NEAR SALEM SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-1-14 E.						SARDINE BRANCH NEAR VERDON SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-2-15 E.			
7-14	6.36	11-16	2.96			7-13	1.98	11-15	1.54				
				EASLY CREEK NEAR DAWSON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-1-14 E.						MACKELROY CREEK NEAR VERDON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-2-16 E.			
7-14	5.99	11-16	2.14			7-13	3.19	11-15	2.09				
				HONEY CREEK NEAR SALEM NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 13-1-14 E.						GOOLSBY CREEK NEAR FALLS CITY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-2-16 E.			
7-14	3.47	11-16	1.69			7-13	4.84	11-15	2.81				
				ROCK CREEK NEAR SALEM NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-1-15 E.						SILVER BRANCH NEAR FALLS CITY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-2-16 E.			
7-14	11.0	11-16	4.84			7-13	1.21	11-15	.878				
				BIG NEMAHA RIVER, SOUTH FORK, NEAR SALEM NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-1-15 E.						HALFBREED CREEK NEAR FALLS CITY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-1-17 E.			
7-14	110.0	11-3	47.4			7-13	8.05	11-15	5.25				
				<u>LOWER BIG NEMAHA</u>						MUDDY CREEK NEAR PRESTON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-1-17 E.			
				PONY CREEK NEAR FALLS CITY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-1-16 E.									
7-14	19.0	11-2	9.06			7-14	54.4	11-15	37.2				

B I G N E M A H A R I V E R B A S I N

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
NOHARTS CREEK NEAR PRESTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-1-17 E.							
7-14	8.01	11-15	8.45				



REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			DRY CREEK NEAR RED CLOUD NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 5-1-10 W.				
7-7	6.61						
			HICKS CREEK NEAR RED CLOUD NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-1-10 W.				
7-8	.605						
			WILLOW CREEK NEAR GUIDE ROCK SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 36-2-10 W.				
7-8	.87						
			ADVENT CREEK NEAR GUIDE ROCK SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 18-1-9 W.				
7-8	.32						
			ASH CREEK NEAR GUIDE ROCK SW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 15-1-9 W.				
7-8	1.80						
			GIMLET CREEK NEAR SUPERIOR SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 28-1-8 W.				
7-14	.14						
			BEAVER CREEK NEAR SUPERIOR NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 17-1-8 W.				
7-8	2.82						
			MIDDLE CREEK NEAR SUPERIOR SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 10-1-8 W.				
7-8	.097						
			LOST CREEK AT SUPERIOR SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 26-1-7 W.				
7-14	.027						

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			BLAKELY AND OAK CREEK NEAR SUPERIOR SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 30-1-6 W.				
7-14	3.42						
			CROSBY CREEK NEAR HARDY NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 34-1-6 W.				
7-14	4.30						



B I G B L U E R I V E R B A S I N

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	
			JOHNSON CREEK NEAR DORCHESTER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-8-3 E.						CUB CREEK NEAR BEATRICE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-4-5 E.	
6-8	.178	10-17	2.54		5-31	8.86	10-14	16.02		
			BIG BLUE RIVER, WEST FORK, NEAR CRETE SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-8-4 E.						INDIAN CREEK AT BEATRICE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-4-6 E.	
6-8	82.3	10-17	90.0		5-31	3.74	10-14	1.01		
			<u>LOWER BIG BLUE RIVER</u>						BEAR CREEK NEAR BEATRICE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-3-6 E.	
			CLATONIA CREEK NEAR DE WITT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-5-5 E.						CEDAR CREEK NEAR BEATRICE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-3-7 E.	
5-31	1.86	10-14	0		5-31	7.56	10-14	1.42		
			TURKEY CREEK NEAR GENEVA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-7-2 W.						MUD CREEK NEAR BLUE SPRINGS SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-3-7 E.	
7-13	3.37	10-17	1.47		5-31	2.66	10-14	.52		
			TURKEY CREEK NEAR MILLIGAN SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-7-1 E.						SICILY CREEK NEAR ODELL SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-2-6 E.	
7-26	13.2	10-17	14.1		5-31	10.4	10-17	.33		
			SWAN CREEK, NORTH FORK, NEAR SWANTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-5-3 E.						BIG INDIAN CREEK NEAR WYMORE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-2-7 E.	
7-26	4.26	10-17	5.31		6-1	2.24	10-17	.61		
			SWAN CREEK NEAR DE WITT NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-5-4 E.						WILDCAT CREEK NEAR WYMORE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-2-8 E.	
7-26	16.1	10-17	21.4		6-1	21.2	10-17	0		
			SOAP CREEK NEAR DE WITT SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-5-5 E.						WOLF CREEK NEAR WYMORE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-2-8 E.	
5-31	.803	10-14	.167		6-1	8.72	10-17	.48		
					6-1	11.7	10-17	.38		

## BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued  
Year Ending December 31, 1983

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
PLUM CREEK NEAR BARNESTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-1-8 E.							
6-1	15.4	10-17	1.12				
MISSION CREEK NEAR BARNESTON SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-1-7 E.							
6-1	13.3	10-17	1.30				



LITTLE BLUE RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1983								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1983							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>UPPER LITTLE BLUE</u>								<u>LITTLE BLUE RIVER AT COUNTY LINE</u>							
			LITTLE BLUE RIVER NEAR ROSELAND NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 11-5-11 W.			7-14	48.9	10-28	60.6						
7-8	7.30														
			SCOTT CREEK NEAR AYR NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 28-6-10 W.			7-14	2.43	10-27	0.47						
7-8	1.42														
			THIRTY-TWO MILE CREEK NEAR AYR NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 26-6-10 W.			7-12	5.86	10-27	3.97						
7-8	7.67														
			ASH CREEK NEAR PAULINE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 9-5-9 W.			7-12	0.55	10-27	0.82						
7-8	0.73														
			LITTLE BLUE RIVER AT PAULINE SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 4-5-9 W.			7-14	8.50	10-28	0						
7-8	29.7														
			PANNEE CREEK NEAR DEWEESE NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 16-5-8 W.			7-14	3.85	10-28	0						
7-13	3.62														
			DRY CREEK NEAR LAWRENCE SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 2-4-8 W.			7-14	2.11	10-28	1.63						
7-14	0.69	10-27	0.80												
			LITTLE BLUE RIVER NEAR ANGUS NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 34-4-6 W.			7-15	21.4	10-28	2.86						
7-14	48.6	10-27	62.4												
			ELK CREEK NEAR OAK SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 7-3-5 W.												
7-14	1.02	10-27	1.74												



**MISCELLANEOUS DISCHARGE MEASUREMENTS OF  
CANAL AND PUMP DIVERSIONS  
1983**

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CHEYENNE RIVER BASIN  
( H A T C R E E K )

MEASUREMENT OF CANALS AND PUMPS  
Year Ending December 31, 1983

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
		SOW BELLY CANAL, OLD--D-533 From Sow Belly Creek--Sec. 7-32-55 W.					
11- 2	0.0						
		ANDREWS SUPPLY CANAL--A-2530 From Sow Belly Creek--Sec. 5-32-55 W.					
11- 2	0.0						
		ZIMMERMAN CANAL--A-532, A-4790 From Sow Belly Creek--Sec. 34-33-55 W.					
11- 2	0.0						
		MONTGOMERY CANAL--D-559 From Sow Belly Creek--Sec. 21-33-55 W.					
11- 2	0.0						

## WHITE RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS  
Year Ending December 31, 1963

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
		WHITE RIVER CANAL--D-447, A-936 From White River--Sec. 34-32-52 W.					
7-18	8.60	9-20	6.55				
		BEAVER PUMP--A-15484 From White River--Sec. 35-32-52 W.					
7-18	0.00						
		COOPER CANAL--A-333 From Squaw Creek--Sec. 36-32-52 W.					
6-27	2.21						
		HARRIS-COOPER CANAL--D-464a, D-464b From White River--Sec. 26-32-52 W.					
7-18	0.00	9-20	7.09				
		WHITNEY PIPE LINE--A-1603, A-1625 From White River--Sec. 26-32-52 W.					
7-18	11.9	10-17	13.5				
		HALL CANAL and PUMP--D-478c, D-478cR From White River--Sec. 26-32-52 W.					
7-18	0.00						
		STUART BROS CANAL, SOUTH--D-425R, A-8R From Little Cottonwood Creek--Sec. 18-32-52 W.					
3-31	5.72						
		SQUAW CREEK RESERVOIR--A-1132 From Squaw Creek--Sec. 12-31-52 W. (Storage in Acre-feet)					
2- 1	68	3- 1	74	7-20	84	9-29	75
2-15	78	6-27	129	8-15	91	10-25	86
2-18	72	7-13	86				
		RASHER-FORBES CANAL--A-1128 From White River--Sec. 19-23-51 W.					
7-18	0.00						

NORTH PLATTE RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS  
Year Ending December 31, 1983

Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.	Date	Diversion Sec.-ft.
KILPATRICK RESERVOIR STORAGE--A-1104 From Snake Creek--Sec. 1-24-52 W.							
1-13	714. a.f.	5-25	1329. a.f.				
OASIS CANAL--D-567 From Kilpatrick Reservoir and Snake Creek--Sec. 6-24-51 W.							
5-25	9.43						
NELSON CANAL--D-845 From Greenwood Creek--Sec. 33-18-50 W.							
8- 5	0.00						





PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
<u>MIDDLE LOUP RIVER TO CONFLUENCE WITH SOUTH LOUP RIVER</u>							
			HANSEN PUMP--A-13448, A-14228 From Middle Loup River--Sec. 12-19-19 W.				
7-14	2.1						
			HICKMAN PUMP--A-2995 From Middle Loup River--Sec. 35-18-17 W.				
7-14	1.9						
			BALS PUMP--A-3368, A-6875 From Middle Loup River--Sec. 16-14-14 W.				
8-12	1.6						
			KLAUSEN PUMP--A-2095 From Middle Loup River--Sec. 26-14-14 W.				
8-18	3.1						
			T. PRITSCHAU PUMP--A-13283 From Middle Loup River--Sec. 26-13-13 W.				
7-26	1.5						
			PRITSCHAU PUMP--A-15737 From Middle Loup River--Sec. 26-13-13 W.				
8-4	1.1						
			FISHER PUMP--A-3307 From Middle Loup River--Sec. 25-13-13 W.				
8-3	0.9						
			KLAUSEN PUMP--A-7798 From Middle Loup River--Sec. 25-13-13 W.				
8-4	0.9						
			JOHNSON PUMP--A-12650 From Middle Loup River--Sec. 29-13-12 W.				
8-4	1.3						

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			PEDERSON PUMP--A-9883 From Middle Loup River--Sec. 29-13-12 W.				
8-4	1.6						
			FRIES PUMP--A-2139 From Middle Loup River--Sec. 28-13-12 W.				
8-4	1.3						
			CYBRON PUMP--A-10438 From Deer Creek--Sec. 17-13-12 W.				
7-26	0.6						
<u>SOUTH LOUP RIVER ABOVE MUD CREEK</u>							
			PAULSON FARMS PUMP--A-4618 From South Loup River--Sec. 30-15-21 W.				
8-1-83	0.9						
			ASH CREEK RANCH PUMP--A-2271 From Ash Creek--Sec. 7-14-20 W.				
8-1	0.9						
			ASH CREEK RANCH PUMP--A-8589 From South Loup River--Sec. 7-14-20 W.				
8-1-83	1.7						
			P. POPP PUMP--A-3881 From Deer Creek--Sec. 8-13-19 W.				
8-1-83	1.2						
			GEORGE PUMP--A-10552 From South Loup River--Sec. 15-13-19 W.				
7-22	1.1						
7-22	0.8						
			G. POPP PUMP--A-14334 From South Loup River--Sec. 8-13-19 W.				
7-22	0.8						

PLATTE RIVER BASIN  
( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1983						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1983					
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			EAST DAUGHERTY AND SHOEMAKER--A-13105 From South Loup River--Sec. 30-13-18 W.						CLINGER PUMP--A-10635 From Mud (Beaver) Creek--Sec. 14-15-18 W.		
7-22	0.7					7-21	1.8				
			MIDDLE DAUGHERTY AND SHOEMAKER--A-13105 From South Loup River--Sec. 30-13-18 W.						JONES PUMP--A-4986 From Mud (Beaver) Creek--Sec. 30-15-17 W.		
7-22	1.0					7-21	1.6				
			WEST DAUGHERTY AND SHOEMAKER--A-13105 From South Loup River--Sec. 30-13-18 W.						WALKER PUMP--A-2051 From Mud (Beaver) Creek--Sec. 31-15-17 W.		
7-22	0.7					7-21	1.3				
			CARMEN PUMP--A-6359, A-9120 From South Loup River--Sec. 17-12-17 W.						A. CHAMBERLIN PUMP--A-13657 From Mud (Beaver) Creek--Sec. 32-15-17 W.		
7-22	1.3	8-2-83	1.4			7-22	1.4				
			REISSLAND BROTHERS PUMP--A-7788 From South Loup River--Sec. 27-12-17 W.						FRANSSEN PUMP--A-1848 From Mud (Beaver) Creek--Sec. 13-14-17 W.		
7-22	2.7					7-26	1.7				
			DOWNEY PUMP--A-13031 From South Loup River--Sec. 6-11-16 W.						FELDMAN PUMP--A-4442 From Mud (Beaver) Creek--Sec. 20-14-16 W.		
7-22	0.6					8-17	0.9				
			ROYLE PUMP--A-5625 From South Loup River--Sec. 4-11-16 W.						LEWIS PUMP--A-10226 From Mud (Beaver) Creek--Sec. 29-14-16 W.		
7-22	1.4					8-1	1.3				
			TILLSON PUMP--D-236R From South Loup River--Sec. 28-12-15 W.						KIEBORZ PUMP--A-10515 From Mud (Beaver) Creek--Sec. 29-14-16 W.		
8-2	1.9					7-21	1.1				
			MUD CREEK						UNICK PUMP--A-11228 From Mud (Beaver) Creek--Sec. 28-14-16 W.		
			LOVITT PUMP--A-9825 From Mud (Beaver) Creek--Sec. 15-15-18 W.								
8-1	1.2					7-26	1.7				

PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			MADSEN PUMP--A-3115		
7-21	0.7		From Mud (Beaver) Creek--Sec. 28-14-16 W.		
			MADSEN-SIEGEL PUMP--A-7307		
7-21	0.5		From Mud (Beaver) Creek--Sec. 34-14-16 W.		
			REYNOLDS PUMP--A-10580		
7-15	1.3	8-17-83	1.5		
			CORNFORD PUMP--A-15465		
8-3	0.8		From Mud (Beaver) Creek--Sec. 27-14-16 W.		
			REYNOLDS PUMP--A-3801		
7-22	0.9		From Mud (Beaver) Creek--Sec. 34-14-16 W.		
			JOHNSON PUMP--A-7181		
7-15	0.8		From Mud (Beaver) Creek--Sec. 35-14-16 W.		
			SWELEY PUMP--A-15714		
7-21	1.1		From Mud (Beaver) Creek--Sec. 35-14-16 W.		
			KOHL'S PUMP--A-3625		
7-15	0.7		From Mud (Beaver) Creek--Sec. 1-13-16 W.		
			CRIFFIELD PUMP--A-10224		
7-22	1.1		From Mud (Beaver) Creek--Sec. 12-13-16 W.		

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			ADEN PUMP--A-3882		
7-21	1.4		From Mud (Beaver) Creek--Sec. 29-13-15 W.		
			LAMMERS PUMP--A-12210		
8-3	1.0		From Mud (Beaver) Creek--Sec. 29-13-15 W.		
			RASMUSSEN PUMP--A-10827		
8-3	0.9		From Mud (Beaver) Creek--Sec. 29-13-15 W.		
			CHURCH PUMP--A-8388		
7-26	0.9		From Mud (Beaver) Creek--Sec. 34-13-15 W.		
			ASHER PUMP--A-9931		
8-8	2.4		From Mud (Beaver) Creek--Sec. 34-13-15 W.		
			FRYE PUMP--A-3696		
7-26	0.7		From Mud (Beaver) Creek--Sec. 2-12-15 W.		
			<u>MIDDLE LOUP RIVER, SOUTH LOUP RIVER TO NORTH LOUP RIVER</u>		
			KASLON PUMP--A-12373		
7-20	2.2		From Oak Creek--Sec. 16-15-13 W.		
		8-10-83	0.5		
			JAKUBOWSKI PUMP--A-13332		
7-25	1.0		From Oak Creek--Sec. 27-15-13 W.		
			KROGH PUMP--A-2126, A-2976, A-4487		
			A-14444, A-14445		
7-20	2.5		From Oak Creek--Sec. 30-14-11 W.		



PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			KOKES PUMP--A-9423 From North Loup River--Sec. 12-18-13 W.				
7-22	1.4						
			W. H. COOK PUMP--A-10867 From North Loup River--Sec. 24-18-13 W.				
7-10	2.1	7-15-83	1.9				
			KRIEWALD PUMP--A-10379 From North Loup River--Sec. 30-18-12 W.				
7-22	1.0						
			SCHUDEL PUMP--A-7301 From Kellogg Creek--Sec. 30-18-12 W.				
7-22	0.7						
			SCHUDEL PUMP--A-7248 From Mira Creek--Sec. 31-18-12 W.				
8-17	1.6						
			ROY PUMP--A-10354 From North Loup River--Sec. 32-18-12 W.				
7-21	0.8						
			GOLDFISH PUMP--A-3770 From Wallace Creek--Sec. 16-17-12 W.				
7-21	1.3						
			FUSS PUMP--A-10391 From North Loup River--Sec. 16-17-12 W.				
8-17	1.3						
			PENNY PUMP--A-10420 From North Loup River--Sec. 22-17-12 W.				
8-10	1.5						

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			HANSEN PUMP--A-3032, A-10897, A-12753 From North Loup River--Sec. 22-17-12 W.				
7-21	2.2						
			HOLT PUMP--A-11094 From North Loup River--Sec. 27-17-12 W.				
8-10	1.5						
			PIERCE PUMP--A-2520 From North Loup River--Sec. 27-17-12 W.				
7-21	3.5						
			SHOEMAKER FARMS PUMP--A-15791 From Davis Creek--Sec. 2-16-13 W.				
7-26	0.7						
			JACOBSEN PUMP--A-7310, A-14639 From North Loup River--Sec. 35-17-12 W.				
8-10	6.0						
			ENDER PUMP--A-13200 From North Loup River--Sec. 18-16-11 W.				
7-20	1.9						
			H. WELLS PUMP--A-5451 From North Loup River--Sec. 20-16-11 W.				
7-20	2.2	8-17-83	1.6				
			LASSEN PUMP--A-15501, A-15802 From Munson Creek--Sec. 1-15-12 W.				
8-10	1.7						
			BURMOOD PUMP--A-14238 From Munson Creek--Sec. 5-15-11 W.				
7-20	1.0	8-1-83	0.9				

PLATTE RIVER BASIN  
( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			WILSON PUMP--A-14224 From Munson Creek--Sec. 33-16-11 W.				
8-17	1.1						
			AUGUSTYN PUMP--A-7426 From North Loup River--Sec. 34-16-11 W.				
7-21	1.0						
			WILSON PUMP--A-14224 From North Loup River--Sec. 34-16-11 W.				
7-20	0.8						
			NOWAK PUMP--A-9956 From North Loup River--Sec. 3-15-11 W.				
7-21	0.8						
			SPTLINEK PUMP--A-7902 From North Loup River--Sec. 13-15-11 W.				
7-20	1.6						
			POSS PUMP--A-13353, A-15798 From North Loup River--Sec. 18-15-10 W.				
7-20	1.0						
			POSS PUMP--A-10135 From North Loup River--Sec. 18-15-10 W.				
7-20	0.7						
			ANDERSON PUMP--A-3584, A-6277 From North Loup River--Sec. 17-15-10 W.				
7-21	1.0						
			NAPERSTER PUMP--A-15779 From North Loup River, Tributary to--Sec. 23-15-11 W.				
8-10	0.3						

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			AMBROSE PUMP--A-15924 From North Loup River, Tributary to--Sec. 24-15-11 W.				
8-17	1.5						
			HERBIG PUMP--A-8917 From North Loup River--Sec. 17-15-10 W.				
7-20	1.0						
			PAYNE PUMP--A-10755 From North Loup River--Sec. 16-15-10 W.				
7-20	1.3						
			C. WELLS PUMP--A-4279 From North Loup River--Sec. 16-15-10 W.				
7-20	1.1						
			PAYNE PUMP--A-2808, A-2178 From North Loup River--Sec. 16-15-10 W.				
7-20	2.0						
			PAYNE PUMP--A-2178R, A-6978 From North Loup River--Sec. 15-15-10 W.				
7-20	1.2						
			ARTERBURN PUMP--A-4628 From North Loup River--Sec. 15-15-10 W.				
8-1	3.4						
			WILLMAN & SAMUELSON PUMP--A-5194 From North Loup River--Sec. 14-15-10 W.				
7-20	0.9						
			NELSON PUMP--A-4890 From North Loup River--Sec. 14-15-10 W.				
7-20	0.7						

PLATTE RIVER BASIN  
( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1983								MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1983							
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.		
		WUNDERLICH PUMP--A-8309 From North Loup River--Sec. 13-15-10 W.								PAULSON PUMP--A-3440 From Loup River--Sec. 12-15-9 W.					
7-21	0.6							7-13	0.9						
		GLASS-GLASS PUMP--A-10809 From North Loup River--Sec. 13-15-10 W.								SCHUBERT PUMP--A-3543, A-5335 From Loup River--Sec. 7-15-8 W.					
7-20	1.7							8-22	1.4						
		<u>LOWER LOUP RIVER ABOVE THE CEDAR RIVER</u>								A. RUSSELL PUMP--A-12114 From Loup River--Sec. 8-15-8 W.					
		PRENTICE PUMP--A-12576 From Spring Creek--Sec. 7-16-9 W.								K. A. TIBBETTS PUMP--A-5623 From Loup River--Sec. 16-15-8 W.					
8-22	0.4							7-13	2.9						
		ANDERSON PUMP--A-3702, A-5661 From Spring Creek--Sec. 30-16-9 W.								R. FORBES PUMP--A-4353 From Loup River--Sec. 15-15-8 W.					
7-13	0.9							7-13	1.9						
		BYERLY PUMP--A-8455 From Spring Creek--Sec. 32-16-9 W.								HINDMAN PUMP--A-12152 From Loup River--Sec. 13-15-8 W.					
8-22	1.3							7-13	1.8	8-8-83	2.8				
		JUSTESEN PUMP--A-10134 From Spring Creek--Sec. 5-15-9 W.								KILDAY PUMP--A-10239 From Loup River--Sec. 12-15-8 W.					
7-12	1.3							8-4	2.6						
		HANISCH PUMP--A-11660 From Spring Creek--Sec. 8-15-9 W.								K. TIBBETTS PUMP--A-13951 From Loup River--Sec. 1-15-7 W.					
7-12	1.2							7-14	3.6						
		BRUCE PUMP--A-2187 From Loup River--Sec. 7-15-9 W.								J. H. RUSSELL PUMP--A-10056, A-13955 From Loup River--Sec. 5-15-7 W.					
8-22	2.3							7-13	1.8	8-8-83	2.4				
		ANDERSON PUMP--A-11617 From Spring Creek--Sec. 8-15-9 W.								J. H. RUSSELL PUMP--A-10056, A-13955 From Loup River--Sec. 5-15-7 W.					
7-13	2.1							7-14	1.9	8-8-83	2.5				

## PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		J. H. RUSSELL PUMP--A-12825, A-14718 From Loup River--Sec. 3-15-7 W.			
7-14	2.0				
		V. SONDERUP PUMP--A-15515 From Loup River--Sec. 33-16-7 W.			
7-14	1.9				
		PETERSON PUMP--A-14565 From Loup River--Sec. 3-15-7 W.			
7-14	3.5	8-9-83	3.1		
		ARNOLD PUMP--A-14895 From Loup River--Sec. 3-15-7 W.			
7-15	3.5				
		J. BROWN PUMP--A-10316 From Loup River--Sec. 3-15-7 W.			
7-14	3.4				
		D. CUNNINGHAM PUMP--A-13581 From Loup River--Sec. 2-15-7 W.			
8-8	1.9				
		I. CUNNINGHAM PUMP--A-7895 From Loup River--Sec. 35-16-7 W.			
8-9	2.1				
		ZIMMER PUMP--A-15043 From Loup River--Sec. 35-16-7 W.			
8-8	1.9				
		GALLOWAY-MORRISON PUMP--A-15309 From Loup River--Sec. 2-15-7 W.			
8-8	1.9				

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		H. BROWN PUMP--A-6689 From Loup River--Sec. 36-16-7 W.			
7-15	0.5				
		M. SONDERUP PUMP--A-11438, A-11908 From Loup River--Sec. 35-16-7 W.			
8-9	2.0				
		N. FORBES PUMP--A-11443 From Loup River--Sec. 36-16-7 W.			
7-15	2.0				
		WHITNEY PUMP--A-5849, A-8492 From Loup River--Sec. 1-15-7 W.			
7-18	2.3				
		LESTAK PUMP--A-12994 From Loup River--Sec. 1-15-7 W.			
7-18	2.3				
		F. SANTIN PUMP--A-3227 From Loup River--Sec. 6-15-6 W.			
7-18	3.0				
		R. RUSSELL PUMP--A-6997 From Loup River--Sec. 21-16-6 W.			
7-15	2.4				
		<u>CEDAR RIVER</u>			
		BERGER PUMP--A-3654 From Cedar River--Sec. 34-20-9 W.			
7-25	1.3				
		LANGER PUMP--A-11278 From Cedar River--Sec. 2-19-9 W.			
7-25	0.7				



PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			McGOWEN PUMP--A-11210 From Cedar River--Sec. 1-19-9 W.				
7-25	0.8						
			DOBSON ESTATE PUMP--A-2702 From Cedar River--Sec. 25-19-8 W.				
7-25	5.9						
			MAHONEY PUMP--A-10052 From Cedar River--Sec. 30-19-7 W.				
7-25	1.5						
			KERN PUMP--A-7970 From Cedar River--Sec. 5-18-7 W.				
7-25	0.8						
			RUDMAN PUMP--A-7882 From Cedar River--Sec. 9-18-7 W.				
7-26	1.1						
			DAVIS PUMP--A-6527, A-6941 From Cedar River, Tributary to--Sec. 9-18-7 W.				
7-26	0.9						
			McBRIDE PUMP--A-12064 From Cedar River--Sec. 26-18-7 W.				
7-26	0.9						
			TOMLINSON PUMP--A-6478 From Cedar River--Sec. 26-18-7 W.				
7-26	1.6						
			CASPER PUMP--A-6487 From Cedar River--Sec. 30-18-7 W.				
7-26	0.7						

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			R. SCOTT PUMP--A-3682, A-4058 From Cedar River--Sec. 35-18-7 W.				
7-27	2.4						
			L. SCOTT PUMP--A-2887, A-4055, A-4609 From Cedar River--Sec. 1-17-7 W.				
7-26	3.6						
			R. MALANDER PUMP--A-8905 From Cedar River--Sec. 12-17-7 W.				
8-3	0.4						
			VOSBURG PUMP--A-4059 From Cedar River--Sec. 13-17-7 W.				
8-3	3.6						
			WILLIAMS PUMP--A-8986 From Cedar River--Sec. 13-17-7 W.				
8-3	1.8						
			E. CROUSE PUMP--A-5182 From Cedar River--Sec. 24-17-7 W.				
8-3	3.1						
			OLSON PUMP--A-6993 From Cedar River--Sec. 24-17-7 W.				
8-3	2.3						
			SWANSON PUMP--A-4208 From Cedar River--Sec. 19-17-6 W.				
8-3	0.5						
			NELSON PUMP--A-13198 From Cedar River--Sec. 19-17-6 W.				
8-3	0.5						

PLATTE RIVER BASIN  
( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1983							MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1983						
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			E. CROUSE PUMP--A-8681, A-8682 From Cedar River--Sec. 30-17-6 W.										DAVIS PUMP--A-11127 From Cedar River--Sec. 33-17-6 W.
8-3	1.9					8-11	1.2						
			TWIESTMEYER PUMP--A-5528 From Cedar River--Sec. 29-17-6 W.										DOUTHIT PUMP--A-15004 From Cedar River--Sec. 4-16-6 W.
8-11	2.0					8-9	1.4	8-9-83	3.3				
			E. CROUSE PUMP--A-7452 From Timber Creek--Sec. 31-17-6 W.										EAST HUNTER-SNYDER PUMP--A-12189 From Cedar River--Sec. 11-16-6 W.
8-3	1.2					8-4	1.7						
			M. TOPINKA PUMP--A-2979, A-6998, A-7452 From Timber Creek--Sec. 31-17-6 W.										WEST HUNTER-SNYDER PUMP--A-12189 From Cedar River--Sec. 11-16-6 W.
8-11	1.3					7-15	1.1	8-4-83	1.2				
			FRENZEN PUMP--A-2240 From Cedar River--Sec. 30-17-6 W.										J. WONDERCHECK--A-13930 From Cedar River--Sec. 11-16-6 W.
8-11	1.4					7-15	1.8						
			EAST R. TOPINKA PUMP--A-6998, A-8456 From Cedar River--Sec. 31-17-6 W.										WHITED PUMP--A-11816 From Cedar River--Sec. 11-16-6 W.
8-4	1.4	8-11-83	3.3			8-4	2.5						
			MALANDER PUMP--A-14904 From Cedar River--Sec. 29-17-6 W.										HELD PUMP--A-6633 From Cedar River--Sec. 12-16-6 W.
8-4	2.1					8-11	1.0						
			EAST KAYTON PUMP--A-11784 From Cedar River--Sec. 32-17-6 W.										EAST SONDERUP BROTHERS PUMP--A-11893 From Cedar River--Sec. 7-16-5 W.
8-9	1.8					8-4	2.4						
			WEST KAYTON PUMP--A-11784 From Cedar River--Sec. 32-17-6 W.										<u>LOWER LOUP RIVER BELOW THE CEDAR RIVER</u>
8-11	2.3												DROZO PUMP--A-8418 From Loup River--Sec. 5-16-5 W.
						8-5	0.9						

PLATTE RIVER BASIN

( LOUP RIVER )

MEASUREMENT OF CANALS AND PUMPS--Continued  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		SONDERUP BROTHERS--A-10368, A-16073 From Loup River--Sec. 4-16-5 W.					
8-5	2.6						
		WETOVICK PUMP--A-12474 From Plum Creek--Sec. 19-17-5 W.					
8-5	0.5						

## REPUBLICAN RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS  
Year Ending December 31, 1983

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		RASSER BROTHERS CANAL--A-2917, A-2357 From Elm Creek--Sec. 3-1-10 W.					
8-9	4.5						
		SIMIC PUMP--A-4222R From Republican River--Sec. 34-1-7 W.					
8-9	4.0						
		MEYER PUMP--A-3240 From Republican River--Sec. 31-1-7 W.					
7-26	7.6						
		BUTLER PUMP--A-3252 From Republican River--Sec. 31-1-6 W.					
7-26	1.38						

## MISCELLANEOUS DATA

1983

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PRECIPITATION AT VARIOUS POINTS  
Data Compiled for Calendar Year from Records  
of the United States Weather Bureau  
Values in Inches  
1983

	Normal		1983	
	Monthly	Accumulative	Monthly	Accumulative
<b>*MITCHELL STATION, SCOTTS BLUFF COUNTY--ELEVATION 4080</b>				
January	0.25	0.25	0.05	0.05
February	0.24	0.49	0.01	0.06
March	0.56	1.05	0.74	0.80
April	1.31	2.36	1.41	2.21
May	2.63	4.99	4.80	7.01
June	3.41	8.40	2.70	9.71
July	1.56	9.96	0.74	10.45
August	1.16	11.12	0.72	11.17
September	1.07	12.19	0.25	11.42
October	0.79	12.98	0.64	12.06
November	0.33	13.31	0.86	12.92
December	0.29	13.60	0.37	13.29
*70 year record				
<b>*BRIDGEPORT STATION, MORRILL COUNTY--ELEVATION 3666</b>				
January	0.35	0.35	0.14	0.14
February	0.29	0.64	0.10	0.24
March	0.72	1.36	2.26	2.50
April	1.42	2.78	1.60	4.10
May	3.10	5.88	3.49	7.59
June	3.67	9.55	4.61	12.20
July	2.40	11.95	1.02	13.22
August	1.38	13.33	2.67	15.89
September	1.42	14.75	0.13	16.02
October	0.83	15.58	0.45	16.47
November	0.38	15.96	1.37	17.84
December	0.34	16.30	0.41	18.25
*85 year record				
<b>*OSHKOSH STATION, GARDEN COUNTY--ELEVATION 3393</b>				
January	0.35	0.35	0.07	0.07
February	0.38	0.73	0.00	0.07
March	0.83	1.56	4.03	4.10
April	1.66	3.22	1.75	5.85
May	3.16	6.38	3.05	8.90
June	3.27	9.65	4.88	13.78
July	2.64	12.29	1.72	15.50
August	2.03	14.32	2.05	17.55
September	1.50	15.82	0.26	17.81
October	0.99	16.81	0.77	18.58
November	0.57	17.38	1.49	20.07
December	0.35	17.73	0.57	20.64
*70 year record				

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1983	
	Monthly	Accumulative	Monthly	Accumulative
<b>*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION 2775 (Airport)</b>				
January	0.45	0.45	0.33	0.33
February	0.52	0.97	0.25	0.58
March	0.99	1.96	1.54	2.12
April	1.93	3.89	2.12	4.24
May	3.26	7.15	1.51	5.75
June	3.77	10.92	3.32	9.07
July	2.98	13.90	3.74	12.81
August	2.07	15.97	1.98	14.79
September	2.01	17.98	0.14	14.93
October	0.99	18.97	0.56	15.49
November	0.52	19.49	1.56	17.05
December	0.41	19.90	0.46	17.51
*43 year record				
<b>*GOTHENBURG STATION, DAWSON COUNTY--ELEVATION 2565</b>				
January	0.45	0.45	0.30	0.30
February	0.54	0.99	0.14	0.44
March	1.15	2.14	2.16	2.60
April	2.03	4.17	1.07	3.67
May	3.25	7.42	5.07	8.74
June	4.43	11.85	4.49	13.23
July	2.82	14.67	No record	
August	2.53	17.20	1.97	
September	2.08	19.28	1.04	
October	1.16	20.44	0.57	
November	0.54	20.98	0.80	
December	0.45	21.43	0.45	
*88 year record				
<b>*GRAND ISLAND STATION, HALL COUNTY--ELEVATION 1841</b>				
January	0.52	0.52	0.66	0.66
February	0.76	1.28	0.35	1.01
March	1.18	2.46	3.40	4.41
April	2.47	4.93	1.30	5.71
May	3.78	8.71	4.59	10.30
June	4.40	13.11	6.29	16.59
July	3.00	16.11	1.71	18.30
August	2.54	18.65	2.04	20.34
September	2.51	21.16	2.67	23.01
October	1.08	22.24	1.08	24.09
November	0.61	22.85	3.77	27.86
December	0.56	23.41	0.76	28.62
*90 year record				

## PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1983	
	Monthly	Accumulative	Monthly	Accumulative
*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION 4320				
January	0.30	0.30	0.13	0.13
February	0.32	0.62	0.01	0.14
March	0.88	1.50	4.28	4.42
April	1.64	3.14	2.30	6.72
May	3.27	6.41	3.88	10.60
June	3.56	9.97	4.61	15.21
July	2.53	12.50	3.36	18.57
August	1.79	14.29	0.97	19.54
September	1.35	15.64	0.22	19.76
October	1.03	16.67	0.51	20.27
November	0.49	17.16	1.96	22.23
December	0.39	17.55	0.36	22.59
*54 year record				
*ORD STATION, VALLEY COUNTY--ELEVATION 2070				
January	0.62	0.62	0.52	0.52
February	0.86	1.48	0.06	0.58
March	1.40	2.88	2.77	3.35
April	2.25	5.13	1.13	4.48
May	3.39	8.52	3.64	8.12
June	4.33	12.85	4.26	12.38
July	2.68	15.53	2.49	14.87
August	2.64	18.17	1.09	15.96
September	2.39	20.56	0.98	16.94
October	1.41	21.97	1.73	18.67
November	0.63	22.60	1.99	20.66
December	0.65	23.25	0.56	21.22
*92 year record				
*FORT ROBINSON STATION, DAWES COUNTY--ELEVATION 3807				
January	0.43	0.43	0.43	0.43
February	0.50	0.93	0.10	0.53
March	0.92	1.85	2.79	3.32
April	1.86	3.71	2.95	6.27
May	3.59	7.30	3.81	10.08
June	3.83	11.13	2.84	12.92
July	2.14	13.27	2.33	15.25
August	1.47	14.74	No record	"
September	1.34	16.08	"	"
October	1.00	17.08	0.63	"
November	0.58	17.66	1.99	"
December	0.43	18.09	0.57	"
*99 year record				

## PRECIPITATION AT VARIOUS POINTS--Concluded

	Normal		1983	
	Monthly	Accumulative	Monthly	Accumulative
*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION 2720				
January	0.47	0.47	0.30	0.30
February	0.53	1.00	0.35	0.65
March	1.07	2.07	2.92	3.57
April	1.84	3.91	1.53	5.10
May	3.26	7.17	4.82	9.92
June	3.46	10.63	2.91	12.83
July	3.32	13.95	2.02	14.85
August	2.46	16.41	2.09	16.94
September	1.92	18.33	0.66	17.60
October	1.31	19.64	0.25	17.85
November	0.64	20.28	1.61	19.46
December	0.49	20.77	0.47	19.93
*95 year record				
*GENOA STATION, NANCE COUNTY--ELEVATION 1590				
January	0.47	0.47	0.79	0.79
February	0.90	1.37	0.58	1.37
March	1.20	2.57	4.77	6.14
April	2.42	4.99	1.77	7.91
May	3.78	8.77	3.54	11.45
June	4.80	13.57	10.89	22.34
July	3.26	16.83	2.07	24.41
August	3.07	19.90	1.28	25.69
September	2.68	22.58	2.55	28.24
October	1.38	23.96	1.85	30.09
November	0.58	24.54	4.92	35.01
December	0.70	25.24	0.68	35.69
*107 year record				
*HOLDREGE STATION, PHELPS COUNTY--ELEVATION 2330				
January	0.58	0.58	0.18	0.18
February	0.80	1.38	0.34	0.52
March	1.33	2.71	4.04	4.56
April	2.29	5.00	0.93	5.49
May	4.07	9.07	4.74	10.23
June	4.83	13.90	7.11	17.34
July	3.12	17.02	0.94	18.28
August	2.65	19.67	1.96	20.24
September	2.56	22.23	2.33	22.57
October	1.53	23.76	0.50	23.07
November	0.60	24.36	3.72	26.79
December	0.58	24.94	0.31	27.10
*93 year record				



MONTHLY EVAPORATION IN FEET--1983

STATION	May	June	July	Aug.	Sept.	Total.
Pathfinder Dam	0.460	0.575	0.794	0.798	0.667	3.294
Whalen Dam	0.439	0.538	0.735	0.636	0.494	2.842
Bridgeport	0.668	0.618	0.900	0.903	0.603	3.692
Kingsley Dam	/	/	0.606	/	0.391	
North Platte	0.611	0.610	1.019	0.962	0.790	3.992

DIVERSIONS FROM DRAINS BETWEEN  
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Year Ending December 31, 1983

	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
Tri-State from:								
Akers Draw.....	0	240	0	0	0	100	0	340
Sheep Creek.....	0	0	0	0	0	20	0	20
Dry Spottedtail Creek....	0	0	0	0	0	0	0	0
Wet Spottedtail Creek....	0	220	0	0	0	90	0	310
Tub Springs.....	0	0	0	0	0	0	0	0
Alliance Drain.....	0	0	0	930	1360	670	0	2960
Northport Canal from:								
Akers Draw.....	0	330	540	840	870	690	0	3270
Sheep Creek.....	0	0	400	4000	5740	5040	0	15180
Dry Spottedtail Creek....	0	0	0	1010	1660	1580	0	4250
Wet Spottedtail Creek....	0	510	780	820	1400	1740	0	5250
Tub Springs.....	0	0	0	2160	2520	2310	0	6990
Enterprise Canal from:								
Morrill Drain.....	40	120	70	120	70	90	0	510
Dry Spottedtail Creek....	0	0	0	0	0	0	0	0
Tub Springs.....	0	0	0	0	0	0	0	0
Winters Creek.....	0	0	0	130	180	50	0	360
Alliance Canal from:								
Bayard Drain.....	0	1000	1610	1410	780	1090	0	5890
Red Willow Creek.....	0	10	980	2920	3020	2590	360	9880
Totals.....	40	2430	4380	14340	17600	16060	360	55210

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS  
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT  
Values in Acre-feet  
For Year Ending December 31, 1983

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
*Bald Drain	60	110	110	60	1030	1970	1240	1630	2080	200	110	40	8640
Bayard Sugar Factory Drain	1230	870	1080	1150	1730	1620	2100	3910	3100	2150	1310	1190	21440
^Cleveland Drain	60	60	110	100	660	1310	940	900	990	90	60	110	5390
*DeGraw Drain	180	170	250	220	370	290	470	850	830	390	240	150	4410
Dugout Creek, Upper	290	130	160	140	2640	1880	1380	1770	2510	550	420	390	12260
*Fairfield Seep	60	0	50	40	150	120	290	140	150	90	60	60	1210
*Fanning Seep	0	0	0	0	0	0	0	0	0	0	0	0	0
Gering Drain	1590	1360	1770	1630	2430	8690	7180	8360	11250	2330	1970	1850	50410
Horse Creek	1840	1440	2390	8180	28500	27150	12040	10650	15270	5290	2870	2100	117720
^Indian Creek	370	290	310	260	720	1420	1710	2580	2490	700	490	450	11790
*Lane Drain	120	60	70	120	150	120	150	120	150	150	120	120	1450
^Melbeta Drain	120	110	120	80	140	320	800	1310	1260	420	120	120	4920
Nine Mile Drain	5100	4160	4710	4600	10440	12430	9720	12820	12910	7840	6560	5990	97280
Red Willow Creek	4150	3300	3550	3490	11190	14550	8020	9590	13810	6950	5060	4940	88600
*Scottsbluff Drain No. 1	120	110	120	120	210	120	120	170	150	120	150	230	1740
*Scottsbluff Drain No. 2	180	140	120	120	270	210	150	280	230	180	180	120	2180
Sheep Creek	4660	3960	4230	3990	3930	3330	490	350	1300	6390	5550	5410	43590
Spottedtail Creek, Dry	1820	1460	1410	1160	3160	3240	6520	4700	5160	2490	1480	1240	33840
Spottedtail Creek, Wet	450	410	430	490	820	910	1130	1260	1030	900	620	590	9040
Tub Springs	1870	1570	1670	1450	4110	4830	2680	2620	3430	3520	2590	2690	33030
Winters Creek	2930	2530	2740	2440	3080	3250	2550	3240	5740	4330	3340	3160	39330
Totals	27200	22240	25400	29840	75730	87760	59680	67250	83840	45080	33300	30950	588270

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, 1983

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Guernsey to Whalen	0	0	0	14350	19570	96980	206510	215010	155250	1280	0	0	708950
Whalen to State Line	0	0	0	0	5000	18670	37470	36090	23100	0	0	0	120330
State Line to Mitchell	0	0	0	890	34800	49330	94480	98910	64480	0	0	0	342890
Mitchell to Minatare	0	0	0	2550	7500	16860	16690	11710	2100	0	0	0	57410
Minatare to Bridgeport	0	0	0	890	8530	14100	23780	22230	17880	1490	0	0	88900
Bridgeport to Lisco	0	0	0	0	0	2400	9660	8710	4830	1870	0	0	27470
Lisco to Keystone	0	0	0	0	0	6410	20170	15820	10680	4130	0	0	57210
Keystone to North Platte	0	0	0	750	6430	14230	30600	33130	24060	520	0	0	109720
North Platte to Odessa	0	0	0	3510	34820	57770	127570	164630	54080	1130	90	0	443600
Totals	0	0	0	20390	111700	267390	567100	611220	366070	12520	90	0	1956480

SUMMARY  
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Calendar Year 1983		
	*Acreage Irrigated	Acre-feet Total	Diverted Per Acre
Ainsworth	35887	48470	1.35
Alliance	6160	15770	2.56
Bartley		9790	
Beerline	2080	1860	0.89
Belmont	8866	35350	3.99
Birdwood	5351	3470	0.65
Blue Creek	2834	4770	1.68
Browns Creek	6126	11540	1.88
Cambridge		27530	
Castle Rock-Steamboat	6471	21320	3.29
Central	1984	5620	2.83
Champion		340	
Chimney Rock	5269	14700	2.79
Cody-Dillon	4090	4580	1.12
Court House Rock	1382	540	0.39
Courtland for Nebr Lands	1236	2140	1.73
Cozad	16582	27620	1.67
Culbertson		31160	
Dawson County	34089	60080	1.76
Earnest		320	
Empire	2191	3860	1.76
Enterprise	7631	28120	3.68
Farwell	50116	107320	2.14
Fort Laramie for Wyo Lands	50210	158390	3.15
Fort Laramie for Nebr Lands	54846	111450	2.03
Franklin		27890	
Franklin Pump		3370	
Gering	12270	43780	3.57
*Gothenburg	18322	51820	2.83
Graf	774	1820	2.35
Harris-Neece		1710	
Hooper		872	
Interstate for Wyo & Nebr Lands	112449	439110	3.90

SUMMARY  
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Calendar Year 1983		
	*Acreage Irrigated	Acre-feet Total	Diverted Per Acre
**Kearney	6975	15370	2.20
Keith-Lincoln County	5582	18190	3.26
Last Chance	404	10	0.02
Lichte		240	
Lisco	3868	12920	3.34
McGinley-Stover		0	
McLaughlin		0	
Meeker-Driftwood		30300	
Meredith-Ammer	336	600	1.79
/Middle Loup PPID No. 1	3813	5420	1.42
/Middle Loup PPID No. 2	6692	5500	0.82
/Middle Loup PPID No. 3	12171	13860	1.14
/Middle Loup PPID No. 4	11824	13900	1.18
Midland-Overland	2258	1780	0.79
Minatare	9212	17750	1.93
Mirage Flats		16130	
Mitchell	13568	26180	1.93
Moore-Kay		0	
Naponee		3280	
Nine Mile	6150	14840	2.41
/No. Loup PPID-Taylor-Ord	15304	22790	1.49
/No. Loup PPID-Burwell-Sumter	8859	14140	1.60
/No. Loup PPID-Ord North Loup	7175	11660	1.63
North Platte	14107	49280	3.49
Northport	16137	42010	2.60
Orchard-Alfalfa	5975	9780	1.64
Paisley	1082	3260	3.01
Paxton-Hershey	7323	15970	2.18
Pioneer		40	
Potmesil		1100	
Ramshorn	1652	840	0.51
Red Willow		7830	
Sargent	14021	47650	3.40

SUMMARY  
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Calendar Year 1983		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
Sheridan-Wilson	216	240	1.11
Short Line	2752	4380	1.59
Six Mile	1288	3110	2.41
Suburban	5460	17990	3.29
Superior		15590	
Thirty Mile	22884	35150	1.54
**Tri-County	119569	240670	2.01
Tri-State	63336	232480	3.67
Union	1376	1670	1.21
Western	12443	41740	3.35
Winters Creek	5745	4950	0.86

\*\*For Irrigation exclusive of power  
#Net diversion - spills have been deducted

## COMPARISON OF STORAGE IN RESERVOIRS

1983 Calendar Year

Name of Reservoir		Capacity Top of	Maximum Storage		Carryover	
		Irrig. Pool	1983		Dec. 31, 1983	
		Acre-feet	Acre-feet	%Average	Acre-feet	%Average
Pathfinder (ownership)	a	1,015,890	1,015,888	105%	967,728	163%
1 Glendo (ownership)	a	184,870	183,238	102%	33,275	25%
Lake C. W. McConaughy	a	1,948,000	1,907,000	111%	1,702,000	113%
Oliver	b	2,680	3,048	91%	2,723	107%
Whitney	a	1,000	9,998	97%	7,487	122%
Box Butte	a	31,060	22,475	125%	12,005	142%
2 Enders	a	44,480	37,340	104%	23,310	104%
2 Harry Strunk Lake	a	37,140	40,620	101%	29,300	107%
2 Swanson Lake	a	120,160	129,900	118%	75,840	111%
2 Harlan County	a	342,560	368,600	114%	262,800	106%
2 Hugh Butler Lake	a	37,780	37,900	105%	28,040	99%
Sherman	a	69,080	69,653	101%	53,698	108%
Merritt	a	74,490	77,433	102%	68,831	107%

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 1970-1983 record for average

1981-1983 record for average - Water stored for recreation - no irrigation

NOTE: There is no irrigation water stored in the Oliver Reservoir.

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

City	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)--Continued

City	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
Superior	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)--Continued

City	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	836,476	1,325,482
Superior	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

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