

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

HYDROGRAPHIC REPORT

1984

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

STORAGE IN RESERVOIRS

DAILY DISCHARGE RECORDS OF MISCELLANEOUS
STREAMS AND CANAL DIVERSIONS

1984

Prepared Under the Direction of Michael Jess
Department of Water Resources

PREFACE

The following individuals were employed by the Department during calendar year 1984. 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 the report. This Hydrographic Report was edited by Mark E. Nelson.

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HYDROGRAPHIC REPORT 1984

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. Storage data for reservoirs in the Papillion and Salt Creek Basins was provided by the U.S. Army Corps of Engineers, Missouri River Division. These 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.

EXPLANATION OF DATA

The Hydrologic data presented in this report was obtained during Calendar Year 1984. 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 both daily and monthly reservoir storage values. 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.

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

1984

WHITE RIVER BASIN

WHITNEY RESERVOIR STORAGE IN ACRE-FEET

From White River--NW1/4SE1/4, Sec. 34-33-51W. near Whitney
Design storage capacity is 10,960 acre-feet.

Year Ending December 31, 1984

Period of Record:

June 1925-December 1929, April 1933-September 1942
October 1944-December 1984

Date	Contents (acre-feet)
October 17, 1983	5140
January 4, 1984	7490
April 10, 1984	9520
May 17, 1984	10070
June 27, 1984	9800
July 26, 1984	7390
December 27, 1984	6330

NIORRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984

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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	.3	0	0
3	0	0	.5	0	0
4	0	0	.3	0	0
5	0	0	.7	0	0
6	0	0	.7	0	0
7	0	0	.7	0	0
8	0	0	.7	0	0
9	0	0	.7	0	0
10	0	0	.7	0	0
11	0	0	.7	0	0
12	0	0	.5	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	---	0	---	0
S.F.	0	0	6.5	0	0
Mean	0	0	0	0	0
Max.	0	0	.7	0	0
Min.	0	0	0	0	0
A.F.	0	0	10	0	0
Total 5 Months	-	-	10 A.F.	-	-

DAILY DIVERSIONS OF CANALS--1984

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

NW1/4NE1/4 Sec. 1-30-57 W. near Harrison

Period of Record: April 1956 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	5	2	2	2
2	0	5	2	2	3
3	0	4	2	2	3
4	0	4	2	2	3
5	0	4	2	2	3
6	0	4	3	2	3
7	0	4	2	2	3
8	0	4	2	2	3
9	0	4	2	2	3
10	0	4	2	2	3
11	0	4	3	2	2
12	0	4	3	2	3
13	0	4	3	2	3
14	0	4	3	2	3
15	0	4	3	2	3
16	0	4	3	2	3
17	0	4	3	2	3
18	0	4	3	2	3
19	0	4	2	2	3
20	0	4	2	2	3
21	2	4	2	2	3
22	5	4	2	2	3
23	4	3	2	2	3
24	4	3	2	2	3
25	4	3	2	2	3
26	4	3	2	2	3
27	4	2	2	2	3
28	4	2	2	2	3
29	4	2	2	2	3
30	4	2	2	2	3
31	4	---	2	2	---
S.F.	44	108	71	67	44
Mean	1	4	2	2	1
Max.	5	5	3	3	3
Min.	0	2	2	2	3
A.F.	90	210	140	130	90
Total 5 months	-	-	660 A.F.	-	-

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	4	3	4	2
2	0	6	3	4	3
3	0	5	3	4	2
4	0	5	3	4	2
5	0	5	3	4	2
6	0	5	3	4	2
7	0	5	1	4	2
8	0	5	0	4	2
9	0	2	0	4	2
10	0	2	0	4	2
11	0	3	0	4	2
12	0	3	0	4	2
13	0	4	0	4	2
14	0	6	0	4	2
15	0	7	0	4	2
16	0	4	0	5	1
17	0	4	0	7	0
18	0	4	0	5	0
19	0	4	0	3	0
20	0	4	0	3	0
21	2	4	0	3	0
22	4	4	0	3	0
23	4	3	0	4	0
24	4	3	0	4	0
25	4	3	0	4	0
26	5	3	4	4	0
27	5	3	4	3	0
28	5	3	4	3	0
29	5	3	4	3	0
30	5	3	4	2	0
31	5	3	4	2	0
S. F.	48	118	46	118	32
Mean	2	4	1	4	3
Max.	5	7	4	7	4
Min.	0	2	0	0	0
A. F.	100	230	90	230	60
Total 5 months -			710	A. F.	

DAILY DIVERSIONS OF CANALS--1984
 COOK CANAL PUMP from Niobrara River
 (Previously published as COOK CANAL PUMP NO. 2)
 SE1/4NW1/4 & NW1/4SE1/4 Sec. 1-28-56 W. near Agate
 Period of Record: May 1981 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	.5	0	0	0
3	0	0	0	.7	0
4	0	.8	0	.3	0
5	0	.5	0	.3	0
6	0	.5	0	.3	0
7	0	.5	0	.7	0
8	0	.5	0	.3	0
9	0	.5	0	.3	0
10	0	.5	0	.7	0
11	0	.7	0	.3	0
12	0	.7	.6	.3	0
13	0	.4	.4	.3	0
14	0	.4	.1	.3	0
15	0	.4	.3	.3	0
16	0	0	.7	.3	0
17	0	0	.6	.3	0
18	0	0	.7	.3	0
19	0	0	.3	.3	0
20	0	0	.3	.3	0
21	0	0	.3	.3	0
22	0	0	.5	.3	0
23	0	0	.4	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	.4	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S. F.	0	6.6	6.7	6.5	0
Mean	0	0	0	0	0
Max.	0	.8	.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--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	12	0	8	7
2	0	12	0	9	7
3	0	12	0	9	7
4	0	12	0	8	8
5	0	12	0	8	8
6	0	12	4	8	8
7	0	12	10	8	8
8	0	12	10	8	8
9	0	12	10	8	8
10	0	12	11	7	8
11	0	12	11	7	8
12	0	12	11	7	8
13	0	12	11	7	8
14	0	12	11	5	8
15	0	12	11	1	8
16	0	12	11	0	8
17	0	12	12	0	8
18	0	12	11	0	8
19	0	12	11	0	8
20	0	12	10	3	8
21	0	12	10	8	8
22	1	11	10	8	8
23	4	10	10	7	8
24	8	10	10	5	8
25	8	10	11	8	8
26	8	9	10	8	8
27	8	9	9	7	8
28	8	9	9	7	8
29	8	4	8	7	8
30	8	0	8	7	8
31	10	---	8	7	---
S. F.	71	324	258	190	120
Mean	2	11	8	6	4
Max.	10	12	12	9	8
Min.	0	0	0	0	0
A. F.	140	640	510	380	240
Total 5 months -			1910	A. F.	

DAILY DIVERSIONS OF CANALS--1984
 METTLER CANAL from Niobrara River--Measured through
 rating flume--NE1/4NW1/4 Sec. 4-28-54 W. near Agate
 Period of Record: May 1956 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	7	5	0	0
2	0	6	2	0	0
3	0	8	0	0	0
4	0	7	0	0	2
5	0	10	0	0	4
6	0	10	0	0	4
7	0	9	0	0	4
8	0	8	0	0	3
9	0	9	0	0	3
10	0	8	0	0	3
11	0	6	1	0	3
12	0	5	3	0	3
13	0	5	4	0	3
14	0	7	5	1	3
15	0	7	5	1	4
16	0	7	5	1	4
17	0	8	5	1	4
18	0	8	5	1	4
19	0	8	5	1	4
20	0	8	5	1	4
21	0	8	5	1	4
22	0	8	5	1	4
23	0	8	5	1	4
24	0	8	5	1	4
25	0	8	5	1	4
26	0	8	4	1	4
27	0	8	4	1	4
28	0	8	4	1	4
29	0	8	4	1	4
30	2	6	2	0	0
31	5	---	0	0	---
S. F.	7	229	91	22	36
Mean	0	8	3	1	1
Max.	5	10	5	6	4
Min.	0	5	0	0	0
A. F.	10	450	180	40	70
Total 5 months -			750	A. F.	

DAILY DIVERSIONS OF CANALS--1984
 BENNETT-KAY CANAL from Niobrara River--Measured
 through rating flume--SE1/4NE1/4 Sec. 1-28-54 W. near Agate
 Period of Record: May 1958 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	2	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	2	0	0	0
6	0	4	0	0	0
7	0	4	0	0	0
8	0	4	2	0	0
9	0	0	5	0	0
10	0	3	0	0	0
11	0	3	0	0	0
12	0	1	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	2	0	0	0
18	0	5	0	0	0
19	0	4	0	0	0
20	0	3	0	0	0
21	0	4	0	0	0
22	0	5	0	0	0
23	0	5	0	0	0
24	0	2	0	0	0
25	0	4	0	0	0
26	0	5	0	0	0
27	0	5	0	0	0
28	0	6	0	0	0
29	0	6	0	0	0
30	0	6	0	0	0
31	0	0	0	0	0
S. F.	0	86	15	0	0
Mean	0	3	0	0	0
Max.	0	6	0	0	0
Min.	0	0	0	0	0
A. F.	0	170	30	0	0
Total 5 Months -			200 A.F.		

DAILY DIVERSIONS OF CANALS--1984
 ARMSTRONG PUMP from Niobrara River--(Flood Irrigation)
 SW1/4NW1/4 Sec. 9-28-53 W. near Marsland
 Period of Record: May 1970 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	.8	0	0
2	0	0	.8	0	0
3	0	.8	.8	0	0
4	0	.8	.8	0	0
5	0	.8	.8	0	0
6	0	.8	.8	0	0
7	0	.8	.8	0	0
8	0	.8	.8	0	0
9	0	.8	.8	0	0
10	0	.8	.8	0	0
11	0	.8	.8	0	0
12	0	.8	.8	0	0
13	0	.8	.8	0	0
14	0	.8	.8	0	0
15	0	.8	.8	0	0
16	0	.8	.8	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	.8	0	0	0
28	0	.8	0	0	0
29	0	.8	0	0	0
30	0	.8	0	0	0
31	0	0	0	0	0
S. F.	0	14.4	8.8	0	0
Mean	0	0	0	0	0
Max.	0	.8	.8	0	0
Min.	0	0	0	0	0
A. F.	0	29	17	0	0
Total 5 months -			46 A.F.		

DAILY DIVERSIONS OF CANALS--1984
 MOORE-KAY CANAL from Niobrara River--Measured through
 rating flume--SE1/4NE1/4 Sec. 9-28-53 W. near Marsland
 Period of Record: May 1956 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	6	0	0
2	0	0	6	0	0
3	0	0	6	0	0
4	0	0	7	0	0
5	0	0	7	0	0
6	0	0	4	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	1	0	0
15	0	0	1	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	4	0	0
28	0	0	4	0	0
29	0	0	5	0	0
30	0	0	6	0	0
31	0	0	0	0	0
S. F.	0	19	38	0	0
Mean	0	1	1	0	0
Max.	0	6	7	0	0
Min.	0	0	0	0	0
A. F.	0	40	80	0	0
Total 5 Months -			120 A.F.		

DAILY DIVERSIONS OF CANALS--1984
 GEO HITSHEW CANAL from Niobrara River--Measured
 through rating flume--SE1/4SE1/4 Sec. 6-28-52 W. near Marsland
 Period of Record: May 1956 - September 1984

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	2	0	0
18	0	0	2	0	0
19	0	0	3	0	0
20	0	0	0	0	0
21	0	0	3	0	0
22	0	0	3	0	0
23	0	0	3	0	0
24	0	0	3	0	0
25	0	0	3	0	0
26	0	0	3	0	0
27	0	0	3	0	0
28	0	0	3	0	0
29	0	0	1	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S. F.	0	35	0	0	0
Mean	0	1	0	0	0
Max.	0	3	0	0	0
Min.	0	0	0	0	0
A. F.	0	70	0	0	0
Total 5 Months -			70 A.F.		

NIORRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	.7	0	0	0
2	0	.7	0	0	0
3	0	.7	0	0	0
4	0	.7	0	0	0
5	0	.7	0	0	0
6	0	.7	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	.7	0	0	0	0
27	.7	0	0	0	0
28	.7	0	0	0	0
29	.7	0	0	0	0
30	.7	0	0	0	0
31	.7	0	0	0	0
S.F.	4.2	4.2	0	0	0
Mean	0	0	0	0	0
Max.	.7	.7	0	0	0
Min.	0	0	0	0	0
A.F.	8	8	0	0	0
Total 5 months	-	-	16 A.F.	-	-

DAILY DIVERSIONS OF CANALS--1984
 McLAUGHLIN CANAL from Niobrara River--Measured through
 rating flume--SW1/4SE1/4 Sec. 9-28-52 W. near Marsland
 Period of Record: April 1956 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	9	4	2	0
2	0	9	4	2	0
3	0	8	4	2	0
4	0	8	4	2	0
5	0	5	3	2	0
6	0	3	3	2	0
7	0	0	2	2	0
8	0	0	3	3	0
9	0	0	3	3	0
10	0	0	3	3	0
11	0	0	3	3	0
12	0	0	3	3	0
13	0	0	3	3	0
14	0	0	2	3	0
15	0	5	2	3	0
16	0	5	1	3	0
17	0	5	2	3	0
18	0	4	2	3	0
19	0	4	2	3	0
20	0	4	2	3	0
21	0	4	2	3	0
22	0	4	2	3	0
23	0	4	2	3	0
24	0	4	2	3	0
25	0	10	2	3	0
26	0	9	0	3	0
27	0	7	0	3	0
28	0	6	0	3	0
29	2	6	0	3	0
30	5	6	0	3	0
31	9	6	0	3	0
S.F.	16	131	67	49	0
Mean	1	4	2	3	0
Max.	9	10	4	3	0
Min.	0	0	0	3	0
A.F.	30	260	130	100	0
Total 5 Months	-	-	520 A.F.	-	-

DAILY DIVERSIONS OF CANALS--1984
 EXCELSIOR CANAL from Niobrara River--Measured
 through rating flume--NE1/4NE1/4 Sec. 10-28-52 W. near Marsland
 Period of Record: May 1956 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	4	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	4	0	0	0
7	0	4	0	0	0
8	0	4	0	0	0
9	0	3	0	0	0
10	0	4	0	0	0
11	0	4	0	0	0
12	0	4	0	0	0
13	0	3	0	1	0
14	0	3	0	1	0
15	0	3	0	1	0
16	0	3	0	2	0
17	0	3	0	2	0
18	0	3	0	2	0
19	0	2	0	2	0
20	0	2	0	3	0
21	0	2	0	3	0
22	2	2	0	3	0
23	4	2	0	4	0
24	7	2	0	4	0
25	7	0	0	5	0
26	6	0	0	4	0
27	6	0	0	4	0
28	6	0	0	4	0
29	5	0	0	5	0
30	4	0	0	5	0
31	4	0	0	5	0
S.F.	52	76	0	58	56
Mean	2	3	0	2	2
Max.	7	4	0	6	2
Min.	0	0	0	0	0
A.F.	100	150	0	120	110
Total 5 Months	-	-	480 A.F.	-	-

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	1	0	0	0
4	0	4	0	0	0
5	0	3	0	0	0
6	0	4	0	0	0
7	0	0	0	0	0
8	0	1	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	1	0	0	0	0
23	1	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S.F.	2	16	0	0	0
Mean	0	1	0	0	0
Max.	1	4	0	0	0
Min.	0	0	0	0	0
A.F.	0	30	0	0	0
Total 5 months	-	-	30 A.F.	-	-

DAILY DIVERSIONS OF CANALS--1984
 CIRCLE PUMP from Niobrara River (Sprinkler Irrigation)
 NE1/4SW1/4 Sec. 5-28-51 W. near Marsland
 Period of Record: May 1970 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	1	0	0
2	0	0	2	0	0
3	0	0	2	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	1	0	0
7	0	0	1	0	0
8	0	0	1	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	1	0	0	0
16	0	2	0	0	0
17	0	2	0	0	0
18	0	1	0	0	0
19	0	1	0	0	0
20	0	1	0	0	0
21	0	2	0	0	0
22	0	2	0	0	0
23	0	1	0	0	0
24	0	0	0	0	0
25	0	2	0	0	0
26	0	2	0	0	0
27	0	1	0	0	0
28	0	2	0	0	0
29	0	1	0	0	0
30	0	1	0	0	0
31	0	---	0	---	0
S.F.	0	21	9	0	0
Mean	0	1	0	0	0
Max.	0	2	2	0	0
Min.	0	0	0	0	0
A.F.	0	40	20	0	0
Total 5 Months -			60 A.F.		

DAILY DIVERSIONS OF CANALS--1984
 PIONEER PUMP from Niobrara River (Sprinkler Irrigation)
 SE1/4SW1/4 Sec. 30-29-50 W. near Marsland
 Period of Record: May 1981 - September 1984

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	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S.F.	9.5	2.7	13.7	14.3	0
Mean	0	0	0	0	0
Max.	1.4	0.8	1.2	1.2	0
Min.	0	0	0	0	0
A.F.	19	5	27	28	0
Total 5 months -			79 A.F.		

DAILY DIVERSIONS OF CANALS--1984
 ENTERPRISE CANAL PUMP from Niobrara River--(Sprinkler
 Irrigation) NW1/4SE1/4 Sec. 27-29-50 W. Near Marsland
 Period of Record: May 1977 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	1	0	0	0
2	0	1	0	0	0
3	0	1	0	0	0
4	0	1	0	0	0
5	0	1	1	0	0
6	0	1	1	0	0
7	0	1	1	0	0
8	0	1	1	0	0
9	0	1	1	0	0
10	0	1	1	0	0
11	0	0	1	0	0
12	0	0	1	0	0
13	0	0	1	0	0
14	0	0	1	0	0
15	0	0	1	0	0
16	0	0	1	0	0
17	0	0	1	0	0
18	0	0	1	0	0
19	0	0	1	0	0
20	0	0	1	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	1	---	0	---	0
S.F.	1	10	16	0	0
Mean	0	0	1	0	0
Max.	1	1	1	0	0
Min.	0	0	0	0	0
A.F.	0	29	30	0	0
Total 5 months -			50 A.F.		

DAILY DIVERSIONS OF CANALS--1984
 DELSING PUMP from Niobrara River (Sprinkler Irrigation)
 S1/2NE1/4 Sec. 35-29-49 W. near Dunlap
 Period of Record: May 1983 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	1	0	0
2	0	0	1	0	0
3	0	0	1	0	0
4	0	1	1	0	0
5	0	1	1	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	1	0	0	0
14	0	1	0	0	0
15	0	1	0	0	0
16	0	1	0	0	0
17	0	0	0	0	0
18	0	1	0	0	0
19	1	0	0	0	0
20	1	0	0	0	0
21	1	0	0	0	0
22	1	0	0	0	0
23	1	0	0	0	0
24	0	0	0	0	0
25	0	1	0	0	0
26	0	1	0	0	0
27	0	1	0	0	0
28	0	0	0	0	0
29	0	1	0	0	0
30	0	1	0	0	0
31	0	---	0	---	0
S.F.	5	13	5	0	8
Mean	0	0	0	0	0
Max.	1	1	1	0	1
Min.	0	0	0	0	0
A.F.	10	26	10	0	16
Total 5 months -			62 A.F.		

NIORRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	0
3	0	0	0	0	1
4	0	0	0	0	1
5	0	0	0	0	1
6	0	0	0	0	1
7	0	0	1	0	0
8	0	0	1	0	0
9	0	0	1	0	0
10	0	0	1	0	0
11	0	0	1	0	0
12	0	0	1	0	0
13	0	0	1	0	0
14	0	0	1	0	0
15	0	0	0	0	0
16	0	0	1	0	0
17	0	0	1	0	0
18	0	0	1	0	0
19	0	0	1	0	0
20	0	0	1	0	0
21	0	0	1	0	0
22	0	0	1	0	0
23	0	0	1	0	0
24	0	0	1	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	1	0	0
28	0	0	1	0	0
29	0	0	1	0	0
30	0	0	0	0	0
31	0	---	0	---	0
S.F.	0	0	20	7	6
Mean	0	0	1	0	0
Max.	0	0	1	1	1
Min.	0	0	0	0	0
A.F.	0	0	40	10	10
Total 5 months -			60	A.F.	

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	1	2	0
2	0	0	1	2	0
3	0	0	1	2	0
4	0	0	1	2	0
5	0	0	1	2	0
6	0	0	1	2	0
7	0	0	1	2	0
8	0	0	1	2	0
9	0	0	1	2	0
10	0	0	1	2	0
11	0	0	1	2	0
12	0	0	1	2	0
13	0	0	1	2	0
14	0	0	1	2	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	1	2	0
18	0	0	1	2	0
19	0	0	1	2	0
20	0	0	1	2	0
21	0	0	1	2	0
22	0	0	1	2	0
23	0	0	1	2	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	1	0	0	0
30	0	1	2	0	0
31	0	---	2	0	---
S.F.	0	15	26	30	16
Mean	0	1	1	1	1
Max.	0	1	2	2	2
Min.	0	0	0	0	0
A.F.	0	30	50	60	30
Total 5 months -			170	A.F.	

DAILY DIVERSIONS OF CANALS--1984
 LICITE CANAL from Niobrara River--Measured through
 Parshall flume--SW1/4NW1/4 Sec. 26-29-48 W. near Dunlap
 Period of Record: April 1956 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	1	0	3
2	0	0	2	0	0
3	0	0	3	0	4
4	0	1	2	0	0
5	0	3	0	0	0
6	0	3	0	0	0
7	0	3	0	0	0
8	0	3	0	0	0
9	0	1	0	0	0
10	0	0	0	0	0
11	0	0	0	2	0
12	0	0	0	3	0
13	0	0	0	3	0
14	0	0	0	4	0
15	0	0	0	4	0
16	0	0	0	4	0
17	0	0	0	3	0
18	0	0	0	3	0
19	0	0	1	2	0
20	0	0	3	3	0
21	0	0	3	3	0
22	0	0	3	3	0
23	0	0	3	3	0
24	0	0	3	3	0
25	0	0	3	3	0
26	0	0	0	2	0
27	0	2	0	3	0
28	0	3	0	3	0
29	0	4	0	3	0
30	0	2	0	3	0
31	0	---	0	---	---
S.F.	0	22	29	62	10
Mean	0	1	1	2	0
Max.	0	4	3	4	4
Min.	0	0	0	0	0
A.F.	0	40	60	120	20
Total 5 months -			240	A.F.	

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	74	139	101
2	0	0	76	136	74
3	0	0	89	130	67
4	0	0	113	113	65
5	0	0	134	116	53
6	0	0	137	166	49
7	0	0	165	179	14
8	0	0	169	176	0
9	0	0	181	173	0
10	0	0	189	170	0
11	0	0	182	167	0
12	0	0	160	177	0
13	0	0	156	175	0
14	0	0	126	175	0
15	0	0	124	164	0
16	0	0	140	128	0
17	0	0	160	109	0
18	0	0	185	96	0
19	0	0	192	100	0
20	0	0	193	121	0
21	0	0	193	129	0
22	0	0	203	121	0
23	0	0	202	107	0
24	0	0	200	104	0
25	0	0	185	83	0
26	0	0	107	81	0
27	0	0	128	81	0
28	0	0	122	100	0
29	0	0	124	105	0
30	0	0	156	111	0
31	0	---	180	124	---
S. F.	0	34	4745	4056	423
Mean	0	1	153	131	14
Max.	0	34	203	179	101
Min.	0	0	74	81	0
A. F.	0	70	9410	8040	840
Total 5 months	-	-	-	-	-

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	4	8	6
2	0	0	4	7	6
3	0	0	3	7	5
4	0	0	4	7	7
5	0	0	6	8	8
6	0	0	6	8	8
7	0	0	8	5	3
8	0	0	9	7	0
9	0	0	9	7	0
10	0	0	9	7	0
11	0	0	9	7	0
12	0	0	9	8	0
13	0	0	8	8	0
14	0	0	7	8	0
15	0	0	6	8	0
16	0	0	7	7	0
17	0	0	7	6	0
18	0	0	7	6	0
19	0	0	7	6	0
20	0	0	7	2	0
21	0	0	6	0	0
22	0	0	6	2	0
23	0	0	7	6	0
24	0	0	7	7	0
25	0	1	7	6	0
26	0	5	3	7	0
27	0	5	7	6	0
28	0	4	8	6	0
29	0	4	8	6	0
30	0	4	9	6	0
31	0	---	10	5	---
S. F.	0	23	210	194	42
Mean	0	1	7	1	1
Max.	0	5	10	8	8
Min.	0	0	3	0	0
A. F.	0	50	420	380	80
Total 5 months	-	-	-	-	-

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	60	272	283	391
2	0	60	335	350	389
3	0	60	396	459	389
4	0	60	398	490	378
5	0	61	409	500	313
6	0	61	448	550	289
7	0	60	470	589	259
8	0	60	472	555	175
9	0	60	502	571	173
10	0	61	450	566	163
11	0	61	276	543	135
12	0	62	265	541	110
13	0	62	283	527	91
14	0	55	373	536	72
15	0	51	382	562	71
16	18	51	446	548	71
17	91	51	529	527	74
18	32	51	562	470	78
19	32	51	566	470	78
20	32	51	585	404	74
21	62	52	585	71	71
22	99	52	585	85	67
23	101	68	587	96	61
24	101	83	580	101	37
25	96	92	322	106	0
26	91	102	63	156	0
27	91	122	64	289	0
28	91	161	64	386	0
29	71	208	91	481	0
30	60	252	168	502	0
31	60	---	241	459	---
S. F.	1128	2341	11769	12743	4009
Mean	36	78	380	411	134
Max.	101	252	587	589	391
Min.	0	51	63	71	0
A. F.	2240	4640	23340	25280	7950
Total 5 Months	-	-	-	-	-

Total 5 Months - 63450 A. F.
 Acreage reported A-5218--35196, A-10620-
 Supp. A-13853-168, A-15122-146, A-15557-
 154, A-15730-177, Total-35841

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

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

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

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1121.0	5280
Top of conservation pool	1109.0	2580
Top of dead storage pool	1080.0	140

Year ending December 31, 1984

Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1984	1390
January 31, 1984	1380
February 29, 1984	1480
March 31, 1984	1530
April 30, 1984	1570
May 31, 1984	1540
June 30, 1984	1550
July 31, 1984	1500
August 31, 1984	1470
September 30, 1984	1450
October 31, 1984	1490
November 30, 1984	1490
December 31, 1984	1520

Application No. 12644, Plan No. 11119

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

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

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

Year ending December 31, 1984

Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1984	3960
January 31, 1984	3980
February 29, 1984	4080
March 31, 1984	4090
April 30, 1984	4420
May 31, 1984	4280
June 30, 1984	4510
July 31, 1984	4030
August 31, 1984	3950
September 30, 1984	3880
October 31, 1984	4050
November 30, 1984	3910
December 31, 1984	4030

Application No. 12909, Plan No. 11436

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	1004	1524	1533	1502
2	0	1004	1517	1530	1499
3	0	1006	1517	1527	1499
4	0	1006	1524	1502	1471
5	0	1004	1517	1502	1452
6	0	1001	1514	1502	1461
7	0	974	1517	1502	1424
8	0	941	1527	1502	1403
9	0	907	1524	1502	1376
10	0	907	1527	1502	1340
11	0	905	1530	1499	1298
12	0	902	1530	1505	1301
13	0	897	1530	1520	1278
14	0	900	1530	1530	1220
15	0	905	1530	1530	1200
16	0	900	1530	1530	1202
17	600	900	1530	1530	1149
18	609	900	1530	1530	1073
19	556	905	1533	1530	1056
20	559	902	1530	1530	1056
21	609	900	1530	1530	1053
22	641	900	1530	1530	1051
23	687	923	1533	1527	1056
24	803	979	1530	1530	1053
25	759	993	1530	1530	876
26	757	1146	1533	1527	581
27	754	1240	1530	1514	140
28	771	1364	1530	1502	0
29	826	1492	1530	1502	0
30	894	1530	1533	1502	0
31	985	---	1530	1502	---

S.F. 10810 30237 47350 47031 32070
 Mean 349 1008 1527 1517 1069
 Max. 985 1530 1533 1533 1502
 Min. 0 897 1514 1499 0
 A.F. 21440 59970 93920 93280 63610
 Total 5 months - 332220 A.F.
 Acreage reported A-768(Nebr) 54871,
 A-768(Wyo)-50210, Total-105081

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	374	539	618	630
2	0	359	596	630	618
3	0	359	587	623	618
4	0	361	585	623	616
5	0	357	594	620	618
6	0	357	600	627	605
7	0	363	609	618	611
8	0	355	607	627	607
9	0	355	600	627	598
10	0	344	611	630	592
11	0	337	605	623	565
12	0	328	600	625	533
13	0	302	607	623	544
14	0	305	607	625	539
15	0	307	609	623	533
16	0	302	623	620	535
17	0	307	618	618	489
18	0	302	618	627	493
19	0	307	620	627	491
20	250	310	627	630	451
21	286	307	623	630	445
22	309	307	620	627	433
23	307	302	620	632	459
24	297	312	630	630	459
25	326	326	630	630	469
26	374	346	618	636	445
27	342	383	616	639	348
28	328	451	618	632	230
29	328	471	620	627	139
30	331	502	620	630	24
31	336	---	625	632	---

S.F. 3814 10398 18902 19429 14737
 Mean 123 347 610 627 491
 Max. 374 502 630 639 630
 Min. 0 302 539 618 24
 A.F. 7560 20620 37490 38540 29230
 Total 5 months - 133,440 A.F.
 Acreage reported A-768(Nebr)-54871

DAILY DIVERSION OF CANALS--1984
 INTERSTATE CANAL From North Platte River--Measured
 through rating flume---NEL/4NWL/4 Sec. 11-26-65 W., Wyo.
 Period of Record: October 1915 - October 1984

Date	April	May	June	July	Aug.	Sept.	Oct.
1	0	894	1582	1956	1933	1982	873
2	0	891	1579	2009	1922	1975	873
3	0	850	1620	2009	1925	1952	876
4	0	798	1674	2005	1918	1937	899
5	0	798	1630	2005	1918	1891	925
6	0	795	1542	2005	1941	1838	925
7	0	795	1274	1998	1941	1823	923
8	0	795	1146	2028	1948	1830	925
9	0	795	1111	2024	1982	1797	923
10	0	725	1108	2066	2009	1773	738
11	147	370	1111	2051	2013	1725	442
12	571	0	1143	2058	2020	1684	0
13	788	0	1137	2062	2017	1630	0
14	814	0	1079	2058	2024	1582	0
15	814	0	1082	2047	2020	1589	0
16	814	0	1082	2043	2024	1586	0
17	856	0	1050	2005	2036	1593	0
18	920	0	1053	2013	2024	1579	0
19	914	0	1044	2020	2028	1545	0
20	917	0	1036	1990	2028	1562	0
21	917	430	1143	1914	2032	1606	0
22	917	713	1335	1971	2036	1599	0
23	917	931	1460	1957	2028	1599	0
24	914	1044	1504	1957	2017	1545	0
25	917	1062	1412	1963	2009	1494	0
26	911	1117	1412	1956	2020	1504	0
27	902	1117	1545	1922	2001	1494	0
28	905	1117	1698	1925	1990	1111	0
29	899	1258	1884	1918	1986	882	0
30	899	1422	1963	1922	1979	867	0
31	---	1552	---	1880	1982	---	0
S.F.	16653	20269	40439	61737	61751	48574	9322
Mean	537	654	1304	1992	1992	1619	301
Max.	920	1552	1963	2066	2036	1982	925
Min.	0	0	1	1880	1918	867	0
A.F.	33030	40200	80210	122450	122480	96350	18490
Total	7 months --- 513210 A.F.						
Acreage reported A-768(Nebr)-100950, A-768(Wyo)-11500							
Total - 112450							

ALICE RESERVOIR STORAGE IN ACRE-FEET

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

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

Year Ending December 31, 1984
 Period of published record: October 1977-December 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	5573	5327	10632	6716	4035	4260	---	---
2	---	---	---	---	5635	5510	10862	6873	3979	4552	---	---
3	---	---	---	---	5760	5635	10862	6849	3867	4844	---	---
4	---	---	---	---	5822	5885	10708	6916	3754	5086	---	---
5	---	---	---	---	5822	6201	10478	6916	3644	5388	---	---
6	---	---	---	250	5760	6458	10173	6982	3644	5698	---	---
7	---	---	---	---	5698	6716	9800	6982	3644	6010	---	---
8	---	---	---	---	5635	6916	9428	6916	3590	6201	---	---
9	---	---	---	---	5635	7049	9065	6849	3483	6458	---	---
10	---	---	---	---	5573	7182	8703	6716	3537	6716	---	---
11	---	---	---	---	5510	7315	8350	6652	3590	6982	---	---
12	---	---	---	---	5573	7450	7998	6523	3644	7115	---	---
13	---	---	---	---	6136	7587	7655	6458	3754	7182	---	---
14	---	---	---	---	6458	7724	7381	6330	3321	6916	---	---
15	---	---	---	217	---	7861	7049	6201	3867	6136	---	---
16	---	---	354	852	---	7998	6783	6072	3923	4548	---	---
17	---	---	---	1185	---	8067	6716	5885	3797	4786	---	---
18	---	---	---	1688	6265	8138	6587	5760	4035	4148	---	---
19	---	---	---	2251	---	8350	6587	5635	4091	3537	---	---
20	---	---	---	2546	6136	8421	6587	5448	4091	2954	---	---
21	---	---	---	3214	6136	8421	6587	5327	4035	2349	---	---
22	---	---	---	3644	5448	8491	6587	5206	4035	1874	---	---
23	---	---	330	4035	4786	8703	6458	5086	4035	---	---	---
24	---	---	---	4377	4260	9065	6458	4965	4091	---	---	---
25	---	---	---	4727	4494	9283	6458	4844	4091	---	---	---
26	---	---	---	5025	4786	9428	6523	4727	4035	1781	---	---
27	---	---	---	5086	5025	9576	6523	4669	4091	---	---	---
28	---	---	---	5327	5086	9800	6523	4552	4148	---	---	---
29	---	568	---	5388	5206	10173	6587	4494	4260	---	---	---
30	---	---	---	5510	5267	10401	6587	4377	4204	---	1475	---
31	757	---	298	---	5206	---	6652	4204	---	1688	---	1261

NORTH PLATTE RIVER BASIN

MINATARE RESERVOIR STORAGE IN ACRE-FEET

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

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

Year Ending December 31, 1984
 Period of published record: October 1977-December 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1					35182	50791	54034	30890	12107	21738		
2					36384	50791	53422	30412	11723	22806		
3					37425	50791	52604	29789	11447	23900		
4					38662	50992	51998	29165	11172	24735		
5					39740	51394	50992	28556	11081	26169		
6				23723	40824	52198	50389	27798	10989	27000		
7					41932	52604	49400	27053	10897	27949		
8					43045	53014	48410	26316	10805	29009		
9					43988	53422	47827	25593	10805	29945		
10					44935	53422	47243	24878	10805	31051		
11					46082	53626	46465	24454	10989	32177		
12					46854	53850	45891	23782	11172	32838		
13					47243	54034	45126	23208	11356	33665		
14					47243	54034	44176	22538	11723	34337		
15				23623		54239	43612	21738	12203	35013		
16			23762	23900		54443	42671	20960	12586	35520		
17				24177		54650	41932	20320	13182	36038		
18				24592		54650	41378	19693	13786	36557		
19				25021		54650	40643	19075	14411	37248		
20				25450		54650	39921	18348	14941	37602		
21				26022	46660	54650	39016	17756	15593	38132		
22				26906	46854	54650	38152	17172	16036	38662		
23			23762	27948	47438	54650	37425	16374	16487			
24				28707	48216	54858	36557	14701	16937			
25				29477	48601	55273	35866	15267	17522			
26				30568	49004	55688	35351	14724	18227	38862		
27				31534	49400	55895	34506	14203	18833			
28				32342	49597	55688	33665	13682	19442			
29		23762		33334	49993	55273	33003	13282	20195			
30				34168	50389	54650	32342	12882	20831		38132	
31	24177		23762		50590		31534	12491		38662		37778

DAILY DIVERSIONS OF CANALS--1984
 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 1984

		Date	May	June	July	Aug.	Sept.	
INTERSTATE CANAL		1	0	138	93	156	128	
Summary in Acre-Feet		2	0	66	104	145	119	
1984		3	0	83	124	142	129	
		4	0	85	121	136	115	
		5	0	83	143	137	109	
		6	0	69	151	138	85	
		7	0	68	150	148	59	
		8	0	78	138	152	81	
		9	0	80	140	152	71	
		10	0	80	152	151	69	
		11	0	77	140	154	60	
		12	0	88	147	161	62	
		13	0	83	147	145	62	
		14	48	76	149	155	63	
		15	114	39	146	146	65	
		16	148	80	112	149	56	
		17	151	94	133	150	48	
		18	151	45	134	150	51	
		19	149	62	150	139	50	
		20	153	93	147	134	59	
		21	114	86	148	134	56	
		22	0	34	130	144	56	
		23	0	73	128	127	57	
		24	67	75	138	123	58	
		25	61	46	138	122	39	
		26	68	53	145	126	40	
		27	56	68	141	118	30	
		28	68	72	143	119	26	
		29	70	67	155	122	0	
		30	79	88	152	119	0	
		31	75		151	118		
		S. F.	1572	2229	4290	4312	1903	
		Mean	51	74	138	139	63	
		Max.	153	138	155	161	129	
		Min.	0	34	93	118	0	
		A. F.	3120	4420	8510	8550	3770	
		Total 5 months						
		Acres reported						D-1052-13600

* Includes 45624 A.F. transferred to Inland Lakes

Total water diverted = 513730 A.F.

Acres reported = A-768 (Neb.) - 100950
 (Wyo.) - 11500

DAILY DIVERSIONS OF CANALS--1984
 TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT AND
 PREFERRED RIGHTS from North Platte River--Measured through
 section of canal--NWI/4NE1/4 Sec. 10-23-58 W. near Henry
 Period of Record: May 1916 - September 1916
 May 1919 - September 1920, May 1921 - September 1984

Date	May	June	July	Aug.	Sept.
1	456	603	1068	975	769
2	636	576	1104	960	738
3	625	571	1098	962	745
4	622	645	1093	962	721
5	614	557	1089	963	718
6	601	569	1072	963	702
7	593	538	1082	966	623
8	585	534	1077	971	633
9	588	531	1057	979	653
10	593	520	1037	973	650
11	598	512	1036	961	656
12	601	516	1034	949	633
13	604	537	1041	946	647
14	566	536	1048	948	590
15	493	522	1056	946	562
16	522	526	1028	935	509
17	515	518	1031	931	513
18	508	526	1017	924	565
19	485	527	1026	928	553
20	493	538	1014	923	554
21	455	519	1008	927	546
22	445	519	1004	934	550
23	444	543	997	895	553
24	495	517	995	862	547
25	519	607	988	859	463
26	509	631	982	827	291
27	493	605	984	806	101
28	493	681	971	828	0
29	532	864	977	828	0
30	512	987	975	825	0
31	550	---	975	805	---
S.F.	16745	17395	31964	28461	15785
Mean	540	580	1031	918	526
Max.	636	687	1104	979	769
Min.	444	512	971	805	0
A.F.	33210	34500	63400	56450	31310
Total 5 Months	= 218870 A.F.				
Acres reported D-918-59719, A-660-2913, O.D.'s-384, Total-63016					

DAILY DIVERSIONS OF CANALS--1984
 TRI-STATE CANAL
 FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS
 Summary in Acres-feet--1984

	May	June	July	Aug.	Sept.	Totals
Diverted from:						
North Platte River.....	33210	34500	63400	56450	31310	218870
*Optional diversions.....	0	150	1160	1210	560	3080
**Drains.....	550	0	0	0	200	750
Totals.....	33760	34650	64560	57660	32070	222700
Total water diverted 222700 A.F.						
Acres reported D-918-59719; A-660-2913; O.D.'s-384; Total-63016						

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

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER PASSING
 TRI-STATE DAM--NWI/4NE1/4 Sec. 10-23-58 W. Near Henry
 Period of Record:
 April 1947 - September 1964, October 1967 - September 1984

Date	May	June	July	Aug.	Sept.
1	4420	7270	5450	1470	2780
2	4220	7210	5510	1700	2800
3	4280	7400	5440	1770	2690
4	4400	7730	5330	1710	2660
5	4520	7620	5280	1640	2740
6	4570	7580	5340	1550	2590
7	4630	7420	5260	1460	1920
8	4680	7350	4230	1390	1220
9	4660	7370	2470	1300	1060
10	4580	7200	1720	1290	1060
11	4840	7410	1410	1210	980
12	5410	7000	1440	1150	800
13	6090	7410	1420	1190	650
14	6400	7760	1440	1140	590
15	6680	7620	1450	1140	480
16	6570	7290	1980	1700	490
17	6680	6890	1650	2520	490
18	6920	6400	1450	2680	440
19	6970	6630	1100	2530	420
20	6790	6640	1110	2510	410
21	6470	6220	1220	2300	390
22	6580	6190	1310	2520	500
23	7030	5830	1170	2700	760
24	7520	5450	1250	2630	800
25	7680	5590	1200	2740	920
26	7540	5770	1170	2780	1120
27	7690	5570	1120	2590	1340
28	7650	5490	1050	2530	1630
29	7750	5210	1060	2590	1550
30	7680	5230	1050	2720	1220
31	7500	---	1410	2720	---
S.F.	189400	201750	73490	61870	37510
Mean	6110	6725	2371	1996	1250
Max.	7750	7760	5510	2780	2800
Min.	4220	5210	1050	1140	390
A.F.	375670	400170	145770	122720	74400
Total 5 Months	= 1118730 A.F.				

DAILY DIVERSIONS OF CANALS--1984
 RAMSHORN CANAL From North Platte River--Measured
 over weir--NWI/4NE1/4 Sec. 19-23-57 W. near Henry
 Period of Record: June 1919 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	4	0	0	0
2	0	4	0	0	0
3	0	6	0	0	0
4	0	7	0	0	0
5	0	7	0	0	0
6	0	7	0	0	0
7	0	6	0	0	0
8	0	5	0	0	0
9	0	5	0	0	0
10	0	4	0	0	0
11	0	4	0	0	0
12	0	5	0	0	0
13	0	3	0	0	0
14	0	7	0	0	0
15	0	6	0	0	0
16	0	4	0	0	0
17	0	4	0	0	0
18	0	3	0	0	0
19	0	2	0	0	0
20	0	2	0	0	0
21	0	3	0	0	0
22	0	3	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	10	0	0	0	0
26	8	0	0	0	0
27	8	0	0	0	0
28	7	0	0	0	0
29	7	0	0	0	0
30	7	0	0	0	0
31	6	---	0	0	---
S.F.	53	104	0	0	0
Mean	2	3	0	0	0
Max.	10	7	0	0	0
Min.	0	0	0	0	0
A.F.	110	210	0	0	0
Total 5 months	= 320 A.F.				
Acres reported D-945-1652					

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF AKERS DRAW NEAR MORRILL
 NW1/4SW1/4 Sec. 12-23-57 W.
 Period of Record: October 1973 - December 1984

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1984, 20 Cubic Feet per Second at 0500 hours on September 1, 1984 at a Gage Height of 2.16. No peak above 40 Cubic Feet per Second base peak. Minimum Daily Discharge, 7.8 Cubic Feet per Second on June 5 and 6, 1984.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10	11	12	11	9	8.7	12	13	18	12	12	10
2	10	11	11	11	9.3	8.7	12	13	16	12	12	10
3	10	11	11	10	9.3	8.4	12	14	16	12	12	10
4	10	11	11	10	9	8.1	13	14	14	12	12	11
5	10	11	11	10	8.4	7.8	13	14	12	12	12	11
6	10	11	11	10	8.4	7.8	12	13	13	12	12	11
7	10	12	11	11	8.4	8.1	12	14	14	11	12	11
8	10	12	11	10	8.7	8.1	12	14	13	11	12	11
9	10	12	10	11	8.7	8.1	11	14	14	11	12	11
10	10	12	10	11	8.7	8.1	11	14	14	11	11	11
11	10	12	10	11	8.7	8.4	10	14	14	11	11	10
12	10	12	10	11	8.7	10	10	14	14	11	11	10
13	10	11	10	11	8.7	11	11	14	14	11	11	11
14	10	11	10	11	8.7	11	11	13	14	11	11	10
15	10	11	10	10	8.4	11	13	15	14	11	11	11
16	10	11	10	10	8.4	11	14	16	14	11	11	11
17	10	11	10	9.3	8.4	11	13	16	14	11	11	11
18	10	11	10	9.3	8.4	11	13	16	14	11	11	11
19	10	11	10	10	8.4	12	13	15	14	11	11	11
20	10	11	10	10	8.4	12	14	15	14	11	11	11
21	10	11	10	9.6	8.4	12	14	13	14	12	11	11
22	10	11	10	9	8.4	13	13	12	14	12	11	11
23	11	12	10	8.7	8.4	13	12	13	14	12	11	10
24	11	12	10	8.4	8.4	13	12	13	13	12	11	11
25	12	12	10	9	8.7	14	12	13	13	12	10	12
26	12	12	10	9	8.7	13	12	13	13	12	10	11
27	11	12	11	9	8.7	13	12	14	14	12	10	11
28	11	12	11	9	8.7	13	12	14	14	12	10	11
29	11	12	10	9.3	8.7	12	12	14	13	12	9.6	11
30	11	---	10	9	9	13	14	17	12	12	10	11
31	11	---	10	---	9	---	15	20	---	12	---	11
S. F.	321	332	321	297.6	268.2	319.3	382	441	418	358	332.6	335
Mean	10	11	10	10	9	11	12	14	14	12	11	11
Max.	12	12	11	11	9.3	14	15	20	18	12	12	12
Min.	10	11	10	8.4	8.4	7.8	10	12	12	11	9.6	10
A. F.	640	660	640	590	530	630	760	870	830	710	660	660
Total 12 Months -	8180 A.F.											

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	94	82	130	96
2	0	94	82	122	96
3	0	94	96	117	94
4	23	96	105	118	92
5	50	96	109	117	92
6	48	96	124	115	92
7	49	96	128	114	88
8	49	96	117	124	93
9	66	96	112	140	93
10	69	94	121	144	96
11	72	93	110	140	94
12	76	93	133	137	92
13	80	94	124	139	90
14	83	94	119	136	90
15	84	94	115	133	88
16	83	96	133	122	87
17	82	94	107	122	87
18	80	94	101	117	87
19	83	96	107	124	87
20	80	89	114	114	85
21	82	83	119	107	88
22	82	84	130	107	94
23	82	83	119	110	118
24	94	82	119	110	107
25	101	84	118	110	83
26	99	87	114	110	85
27	101	75	110	98	88
28	98	74	112	93	45
29	98	77	119	94	0
30	96	80	142	96	0
31	96	---	156	96	---
S. F.	2186	2698	3597	3656	2527
Mean	71	90	116	118	84
Max.	101	96	156	144	118
Min.	0	74	82	93	0
A. F.	4340	5350	7130	7250	5010
Total 5 months -	29080 A.F.				
Acreage reported D-920-7631					

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	2	0	1	1	1
2	2	0	1	1	1
3	2	0	1	1	2
4	2	0	1	1	2
5	1	0	1	1	2
6	1	0	1	1	2
7	1	0	1	1	2
8	1	0	1	1	2
9	1	0	1	2	2
10	1	0	1	2	2
11	1	0	1	2	2
12	0	0	1	2	2
13	0	0	1	2	2
14	0	0	1	2	2
15	0	0	1	2	2
16	0	0	1	2	2
17	0	0	1	2	2
18	0	0	1	2	2
19	1	0	1	2	2
20	1	0	1	2	2
21	1	0	1	2	2
22	1	0	1	2	2
23	1	0	1	1	2
24	1	0	1	1	2
25	1	0	1	1	2
26	1	0	1	1	2
27	1	1	1	1	1
28	1	1	1	1	1
29	0	1	1	1	1
30	0	1	1	1	1
31	0	---	1	1	---
S. F.	25	4	31	45	56
Mean	1	0	1	1	2
Max.	2	1	1	2	2
Min.	0	0	1	1	1
A. F.	50	10	60	90	110
Total 5 Months -	320 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 1984
 EXTREMES FOR CURRENT YEAR--Peak discharges above base of 130 cfs, and maximum
 (*) DISCH (CFS) GHT (FT) DATE TIME DISCH (CFS) GHT (FT)
 June 18 2100 +920 5.32 June 22 2100 206 1.41
 Sep. 24 1115 158 1.34 Sep. 28 1100 158 1.35

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	44	34	31	27	29	46	27	43	46	73	57	48
2	44	33	32	27	29	42	31	48	49	71	57	47
3	44	33	32	28	31	36	32	44	47	73	45	46
4	44	33	32	28	30	41	39	43	48	72	40	46
5	43	32	32	27	33	44	34	42	49	77	38	45
6	39	33	32	28	31	43	41	42	54	73	39	45
7	38	33	31	27	31	44	49	42	54	72	41	44
8	38	33	31	27	29	44	49	42	51	71	42	44
9	38	33	31	28	48	44	47	41	50	72	44	43
10	36	33	30	28	89	44	48	41	51	70	48	43
11	36	33	30	29	82	48	42	41	53	69	48	43
12	36	33	30	27	81	44	41	42	52	72	49	43
13	36	33	29	26	81	43	36	42	50	73	50	42
14	36	33	28	26	81	42	37	39	56	73	51	42
15	36	33	28	24	83	46	38	38	53	71	50	42
16	36	32	28	24	87	48	45	39	52	68	50	42
17	36	32	27	24	87	47	48	39	51	67	49	42
18	38	32	27	23	87	198	47	41	49	67	49	42
19	38	32	27	24	86	114	42	41	48	65	48	42
20	38	31	27	31	85	44	41	45	48	63	48	42
21	42	31	26	30	86	49	42	42	48	60	48	42
22	46	32	25	28	64	51	42	42	51	62	48	41
23	43	32	25	26	47	49	43	43	54	63	47	41
24	43	32	25	27	39	49	42	48	67	63	47	41
25	46	32	25	37	43	49	43	50	62	63	46	41
26	48	31	24	34	44	48	40	51	104	62	46	40
27	46	31	24	30	47	29	39	49	136	61	46	40
28	44	31	25	29	47	24	38	45	126	60	48	39
29	42	31	25	29	46	21	38	41	88	59	48	39
30	40	---	25	29	49	23	37	41	82	57	48	39
31	36	---	27	---	48	---	42	41	---	57	---	39
S.F.	1250	937	872	832	1780	1494	1260	1328	1829	2079	1415	1315
Mean	40	32	28	28	57	50	41	43	51	67	47	42
Max.	48	34	32	37	89	198	49	51	136	77	57	48
Min.	36	31	24	23	29	21	27	38	46	57	38	39
A.F.	2480	1860	1730	1650	3530	2960	2500	2630	3630	4120	2810	2610
Total 12 Months	- 32510 A.F.											

DAILY DIVERSIONS OF CANALS--1984

WINTERS CREEK CANAL from North Platte River--Measured through 8-foot Farshall flume--SE1/4NE1/4 Sec. 17-22-55 W. near Scottsbluff

Period of Record: May 1916 - June 1916, June 1918 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	17	28	32	22
2	0	18	30	30	23
3	0	18	31	30	23
4	0	19	32	29	23
5	0	19	32	27	23
6	0	18	32	25	24
7	0	18	32	22	21
8	0	18	32	21	15
9	0	18	30	20	10
10	0	19	32	19	10
11	0	19	27	17	11
12	0	19	25	16	8
13	0	19	24	17	5
14	0	19	24	18	5
15	0	19	24	16	4
16	0	20	25	18	5
17	0	19	23	26	6
18	0	18	18	25	6
19	0	18	16	26	6
20	0	18	22	26	6
21	5	18	26	25	6
22	9	18	27	25	6
23	12	18	25	28	12
24	10	18	24	26	14
25	8	18	25	25	10
26	4	17	24	24	7
27	4	19	23	23	2
28	5	22	22	23	0
29	4	24	22	23	0
30	12	25	22	23	0
31	17	---	30	---	---
S.F.	90	567	809	729	313
Mean	3	19	26	24	10
Max.	17	25	32	32	24
Min.	0	17	16	16	0
A.F.	180	1120	1600	1450	620
Total 5 months	- 4970 A.F.				
Acreeage reported	D-952-5585				

DAILY DIVERSIONS OF CANALS--1984

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 1984

Date	May	June	July	Aug.	Sept.
1	0	103	214	207	218
2	0	169	219	214	225
3	0	152	222	211	214
4	0	156	231	219	203
5	0	160	209	218	203
6	0	174	204	215	205
7	0	170	214	207	198
8	0	163	226	211	171
9	0	161	221	212	179
10	0	161	209	215	180
11	0	164	215	209	192
12	0	155	214	203	193
13	0	156	214	219	193
14	0	165	214	209	192
15	0	205	215	218	190
16	0	161	252	221	196
17	0	145	226	214	190
18	0	194	221	214	179
19	0	179	211	222	182
20	0	148	214	225	174
21	35	155	222	219	176
22	154	209	233	215	176
23	160	168	233	228	176
24	130	169	225	225	170
25	149	200	221	226	161
26	148	212	214	222	152
27	154	200	218	225	141
28	148	198	212	225	138
29	155	218	204	222	120
30	149	214	207	225	71
31	158	---	212	228	---
S.F.	1540	5184	6766	6743	5358
Mean	50	173	218	218	179
Max.	160	218	252	228	225
Min.	0	103	204	203	71
A.F.	3050	10280	13420	13370	10630
Total 5 months	- 50750 A.F.				
Acreeage reported	A-365R-12270				

DAILY DIVERSIONS OF CANALS--1984
 CENTRAL CANAL from North Platte River--Measured through
 rating flume--NW1/4NW1/4 Sec. 36-22-55 W. near Caring
 Period of Record: May 1919 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	9	28	34	24
2	0	9	30	35	23
3	0	9	33	34	23
4	0	12	34	34	22
5	0	18	33	33	22
6	0	16	35	33	22
7	0	16	35	33	20
8	0	16	34	32	16
9	0	16	32	32	19
10	0	16	28	32	19
11	0	16	28	32	19
12	0	17	32	32	16
13	0	16	33	33	12
14	0	18	33	33	10
15	0	19	34	33	9
16	0	19	31	34	8
17	0	17	35	35	9
18	0	17	33	35	13
19	0	17	34	35	16
20	0	16	34	34	16
21	0	15	34	35	14
22	0	14	34	32	14
23	0	14	34	33	21
24	1	14	34	32	24
25	17	20	33	32	10
26	20	21	32	32	13
27	20	20	33	29	7
28	20	20	33	25	0
29	20	20	33	25	0
30	16	23	32	24	0
31	10	---	34	24	---
S.F.	124	490	1015	991	440
Mean	4	16	33	32	15
Max.	20	23	35	35	24
Min.	0	0	28	24	0
A.F.	250	970	2010	1970	870
Total 5 Months - 6070 A.F.					
Acreage reported D-926-1984					

DAILY DIVERSIONS OF CANALS--1984

CENTRAL CANAL
 Summary in Acres-feet--1984

	May	June	July	Aug.	Sept.	Totals
Diverted:						
Natural.....	250	970	2010	1970	870	6070
Storage.....	0	0	0	0	0	0
Totals.....	250	970	2010	1970	870	6070

Total water diverted 6070 A.F.
 No storage ordered in 1984

DISCHARGE IN SECOND-FEET OF WINTERS CREEK NEAR SCOTTSBLUFF
 NW1/4SE1/4 Sec. 30-22-54 W.
 Period of Record: October 1931 - December 1984

EXTREMES FOR CURRENT YEAR--Peak discharges above base of 210 cfs, and maximum
 (*) DISCH GHT DISCH GHT
 DATE TIME (CFS) (FT) DATE TIME (CFS) (FT)
 Jun 19 0600 *717 6.30 Sep 27 1430 321 4.24
 Minimum Daily Discharge, 32 Cubic Feet per Second on June 30, 31, July 1, 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	45	54	44	43	47	63	32	67	96	93	68	56
2	44	52	45	43	49	60	34	67	101	85	68	56
3	44	52	45	43	46	56	33	62	107	82	67	56
4	43	52	45	43	46	60	33	63	115	87	66	56
5	45	52	45	43	46	64	33	63	117	93	66	56
6	44	52	45	43	46	69	33	56	117	90	66	54
7	44	52	44	43	46	68	16	52	118	89	66	54
8	43	52	43	44	46	67	39	44	116	88	66	54
9	43	50	41	43	46	67	43	41	113	85	65	54
10	43	48	41	43	46	69	50	48	114	80	66	54
11	43	47	42	47	46	70	43	50	114	76	66	54
12	43	46	42	45	46	68	41	54	113	75	65	54
13	43	45	42	45	46	63	39	56	108	73	65	54
14	43	45	42	45	48	64	38	54	108	73	63	52
15	43	46	42	44	50	64	34	52	110	73	63	51
16	42	46	43	44	49	68	94	52	111	73	63	51
17	42	45	43	43	48	66	89	56	110	73	63	51
18	42	46	45	43	49	72	80	58	110	73	63	51
19	42	46	46	43	50	351	68	70	110	73	62	51
20	42	45	47	51	50	119	62	72	106	73	62	50
21	42	46	48	49	48	72	64	70	102	73	62	47
22	42	46	48	46	60	71	67	69	104	71	60	49
23	42	48	48	45	65	70	63	71	120	71	60	49
24	42	48	45	45	58	69	58	75	129	71	60	50
25	45	47	45	51	63	63	58	78	129	70	60	49
26	44	45	45	52	56	54	56	91	120	70	58	49
27	42	45	43	50	56	56	56	95	178	70	58	46
28	44	45	43	49	56	45	58	93	181	70	58	45
29	44	45	43	47	54	32	60	86	115	69	58	46
30	48	---	43	47	58	32	60	83	107	68	58	46
31	52	---	43	---	65	---	65	89	---	68	---	45
S.F.	1350	1388	1366	1362	1585	2212	1619	2037	3499	2378	1891	1590
Mean	44	48	44	45	51	74	52	66	117	77	63	51
Max.	52	54	48	52	65	351	94	95	181	93	68	56
Min.	42	45	41	43	46	32	32	41	96	68	58	45
A.F.	2680	2750	2710	2700	3140	4390	3210	4040	6940	4720	3750	3150
Total 12 Months - 44180 A.F.												

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	4	13	10
2	0	0	0	12	10
3	0	0	0	14	10
4	0	0	0	14	10
5	0	0	0	13	8
6	0	0	0	11	0
7	0	0	3	9	0
8	0	0	8	9	0
9	0	0	9	10	0
10	0	0	10	11	8
11	0	0	9	11	11
12	0	0	8	12	12
13	0	0	8	12	9
14	0	0	6	12	7
15	0	0	8	12	7
16	0	0	12	12	7
17	0	0	11	16	5
18	0	0	8	16	5
19	0	0	8	6	6
20	0	0	11	0	8
21	0	0	13	3	7
22	0	0	13	11	8
23	0	0	12	12	9
24	0	0	11	10	12
25	0	0	11	11	12
26	0	0	11	11	10
27	0	0	12	10	3
28	0	3	13	10	0
29	0	6	13	10	0
30	0	5	12	11	0
31	0	---	11	11	---
S.F.	0	14	255	335	194
Mean	0	0	8	11	6
Max.	0	6	13	16	12
Min.	0	0	0	0	0
A.F.	0	30	510	860	380
Total 5 months	-	-	1580	A.F.	-

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	18	30	41	38
2	0	18	34	42	40
3	0	16	32	42	38
4	0	17	35	46	36
5	0	18	37	46	34
6	0	17	38	46	30
7	0	18	38	45	29
8	0	18	41	45	32
9	0	19	38	50	32
10	0	19	38	54	28
11	0	18	35	52	26
12	0	16	37	54	26
13	0	16	38	55	28
14	0	17	36	49	25
15	0	16	35	45	25
16	0	19	26	43	25
17	0	19	32	45	25
18	0	28	28	48	24
19	0	16	26	48	22
20	0	5	28	45	19
21	0	15	32	42	21
22	0	13	35	42	25
23	5	14	35	45	22
24	12	14	34	46	22
25	13	16	33	43	20
26	17	20	38	40	11
27	18	25	40	35	0
28	17	26	41	31	0
29	18	32	40	32	0
30	18	31	41	37	0
31	18	---	41	38	---
S.F.	136	554	1092	1372	703
Mean	4	18	35	44	23
Max.	18	32	41	55	40
Min.	0	5	26	31	0
A.F.	270	1100	2170	2720	1390
Total 5 months	-	-	7650	A.F.	-

DAILY DIVERSIONS OF CANALS--1984

WINTERS CREEK DIVERSIONS
 Summary in Acre-feet--1984

Diverted from:	May	June	July	Aug.	Sept.	Totals
North Platte River...	180	1120	1600	1450	620	4970
Winters Creek.....	270	1100	2170	2720	1390	7650
Totals.....	450	2220	3770	4170	2010	12620

Total water diverted 12620 A.F.

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	31	98	92	70	30
2	0	31	102	91	63	33
3	0	38	104	95	65	34
4	0	44	105	94	65	34
5	0	44	102	92	67	36
6	0	55	102	89	68	36
7	0	56	107	86	61	35
8	0	57	102	86	54	34
9	0	54	95	79	51	32
10	0	53	89	77	50	30
11	0	51	86	76	53	27
12	0	51	88	77	51	25
13	0	51	83	80	57	25
14	0	51	76	75	59	12
15	0	52	76	81	58	0
16	0	54	93	86	55	0
17	0	51	89	108	57	0
18	0	61	82	107	54	0
19	0	59	73	104	50	0
20	0	57	72	103	56	0
21	0	56	75	94	54	0
22	0	69	79	90	52	0
23	0	68	73	93	51	0
24	0	64	76	90	49	0
25	0	67	82	87	50	0
26	0	74	78	87	50	0
27	0	84	78	83	51	0
28	0	87	81	74	43	0
29	13	92	78	73	34	0
30	26	95	77	73	30	0
31	30	---	87	72	---	0
S. F.	69	1757	2688	2694	1628	424
Mean	2	59	87	87	54	14
Max.	30	95	107	108	70	36
Min.	0	31	72	72	30	0
A. F.	140	3480	5330	5340	3230	840
Total 6 months -			18360	A. F.		
Acceage reported D-919-9212						

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	62	94	96	90	73
2	0	66	98	94	90	76
3	0	73	102	93	89	74
4	0	72	107	94	86	71
5	0	71	107	93	84	69
6	0	68	108	93	86	69
7	0	66	110	94	86	66
8	0	66	111	96	81	63
9	0	68	103	96	76	62
10	0	69	94	97	72	62
11	0	67	84	94	72	62
12	24	62	90	95	71	62
13	58	65	98	97	70	62
14	63	73	96	99	70	58
15	63	69	97	96	70	58
16	63	67	95	96	70	58
17	61	57	101	106	70	58
18	61	55	97	92	69	53
19	66	68	95	88	68	49
20	63	60	96	93	68	20
21	58	53	97	90	67	0
22	53	58	95	84	69	0
23	51	64	94	83	76	0
24	58	65	93	75	80	0
25	54	76	89	80	82	0
26	58	53	90	82	82	0
27	72	90	92	85	84	0
28	66	102	89	83	85	0
29	65	104	93	80	80	0
30	64	102	95	87	78	0
31	61	---	90	87	---	0
S. F.	1182	2091	3000	2818	2321	1225
Mean	38	70	97	91	77	40
Max.	72	104	111	106	90	76
Min.	0	53	84	75	67	0
A. F.	2340	4150	5950	5590	4600	2430
Total 6 months -			25060	A. F.		
Acceage reported D-921-9987, A-186R-471, A-350R-49, Total-6507						

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN
near Melbeta--SE1/4SW1/4 Sec. 13-21-54 W.
Period of Record: January 1922 - September 1984

Date	May	June	July	Aug.	Sept.
1	3	19	7	8	17
2	3	19	8	8	15
3	3	20	20	5	14
4	3	21	10	5	8
5	2	18	17	6	6
6	2	19	15	8	9
7	2	17	17	9	6
8	2	10	42	8	9
9	2	12	54	8	9
10	2	12	50	20	9
11	2	11	42	14	9
12	2	8	30	11	13
13	2	11	16	9	19
14	2	10	19	7	24
15	2	10	23	7	12
16	2	18	25	14	21
17	2	16	38	8	26
18	2	14	44	8	14
19	1	13	30	12	27
20	1	11	29	17	17
21	1	11	32	19	20
22	1	11	35	26	36
23	1	8	34	15	21
24	1	10	19	30	18
25	11	11	25	35	13
26	8	10	18	35	13
27	4	12	22	35	16
28	2	6	22	28	18
29	2	4	25	20	18
30	2	6	28	16	14
31	3	---	12	15	---
S. F.	78	378	830	467	471
Mean	3	13	27	15	16
Max.	11	21	54	35	36
Min.	1	4	7	5	6
A. F.	150	750	1650	930	930
Total 5 Months -			4410	A. F.	

DAILY DIVERSIONS OF CANALS--1984
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 - October 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	56	90	59	57	8
2	0	56	79	65	57	0
3	1	56	76	61	57	0
4	1	58	77	62	57	0
5	2	66	62	62	57	0
6	2	68	52	52	57	0
7	6	65	52	50	53	0
8	18	63	39	48	44	0
9	22	62	22	47	42	0
10	22	65	25	45	42	0
11	21	59	15	44	41	0
12	22	56	12	52	40	0
13	25	53	54	38	36	0
14	27	55	84	57	38	0
15	41	58	66	57	37	0
16	68	66	103	58	36	0
17	66	56	99	69	36	0
18	74	40	60	70	37	0
19	80	57	55	66	36	0
20	84	47	59	68	37	0
21	79	31	64	66	36	0
22	65	24	59	62	36	0
23	58	29	53	64	37	0
24	63	35	52	67	41	0
25	66	29	55	66	44	0
26	65	31	57	66	48	0
27	63	34	55	66	45	0
28	62	32	55	62	44	0
29	62	26	52	61	44	0
30	60	54	53	60	31	0
31	60	---	53	58	---	0
S. F.	1286	1486	1789	1848	1303	8
Mean	41	50	58	60	43	0
Max.	84	68	103	70	57	8
Min.	0	24	12	44	31	0
A. F.	2550	2950	3550	3670	2580	20
Total 6 Months -			15320	A. F.		
Acceage 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 1984

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1984, 486 Cubic Feet per Second at 1930 hours on May 18, 1984 at a Gage Height of 4.01 Feet. Minimum Daily Discharge, 65 Cubic Feet per Second on April 24, 1984.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	91	87	77	81	88	90	178	186	220	145	118	98
2	91	84	77	79	77	82	170	190	225	131	118	97
3	91	84	77	79	76	82	153	193	232	126	115	97
4	86	83	76	79	74	89	156	190	225	124	114	97
5	97	84	76	82	85	102	180	190	229	132	115	96
6	93	87	76	83	104	141	175	188	216	123	115	94
7	90	84	77	84	110	138	168	169	208	118	115	93
8	87	83	77	85	122	138	158	162	203	115	114	92
9	83	81	77	88	135	137	172	160	204	114	112	92
10	83	78	77	88	137	145	172	156	203	126	110	92
11	83	75	77	100	134	154	163	154	198	152	109	92
12	83	72	77	95	127	151	151	164	203	146	109	92
13	83	72	77	82	117	140	152	196	196	139	109	94
14	84	74	77	79	114	138	155	182	198	138	107	93
15	84	74	76	78	110	149	156	180	195	138	106	94
16	85	74	79	78	102	169	163	188	204	136	106	92
17	87	74	79	79	91	158	162	198	220	135	103	91
18	86	76	82	79	142	147	158	206	234	135	103	91
19	86	76	81	79	98	170	159	212	182	133	105	91
20	86	76	81	80	88	152	166	248	176	131	105	89
21	87	79	81	74	82	147	190	244	178	131	105	88
22	87	79	83	68	82	141	193	242	176	131	105	88
23	87	79	81	67	84	145	190	286	186	131	105	88
24	87	79	83	65	93	135	186	258	187	131	105	91
25	90	79	89	78	111	124	193	256	193	128	103	89
26	90	79	89	91	122	118	188	258	196	127	103	88
27	87	76	84	85	110	117	187	253	209	126	100	88
28	87	77	82	87	122	109	186	225	243	123	101	87
29	87	77	82	91	135	148	188	212	192	122	100	87
30	87	---	83	90	138	111	187	211	174	119	98	86
31	87	---	83	---	118	---	188	219	---	119	---	86
S.F.	2712	2282	2473	2453	3328	3967	5343	6376	6105	4025	3231	2833
Mean	87	79	80	82	107	132	172	206	204	130	108	91
Max.	97	87	89	100	142	170	193	286	243	152	118	98
Min.	83	72	76	65	74	82	151	154	174	114	98	86
A.F.	5380	4530	4910	4870	6600	7870	10600	12650	12110	7980	6410	5620
Total 12 Months	- 89530 A.F.											

DAILY DIVERSIONS OF CANALS--1984
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 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	30	33	30	24
2	0	41	34	32	23
3	0	48	33	28	23
4	0	50	36	23	22
5	0	51	33	24	22
6	0	31	24	22	22
7	0	20	26	18	21
8	0	22	30	28	20
9	0	26	22	26	22
10	0	31	22	24	20
11	4	33	23	22	20
12	10	33	24	26	19
13	10	25	25	34	20
14	11	19	22	29	20
15	11	21	17	26	20
16	12	23	30	30	21
17	12	19	23	44	23
18	16	17	22	35	21
19	20	20	30	33	17
20	2	18	38	37	20
21	0	22	42	32	20
22	0	23	41	30	20
23	0	23	39	33	20
24	0	20	39	24	21
25	0	20	39	25	23
26	0	21	34	28	23
27	1	22	32	26	23
28	10	24	31	26	12
29	14	26	33	29	0
30	16	28	31	28	0
31	19	---	35	27	---
S.F.	168	807	943	879	581
Mean	5	27	30	28	19
Max.	20	51	42	44	24
Min.	0	17	17	18	0
A.F.	330	1600	1870	1740	1150
Total 5 Months	- 6690 A.F.				
Acreage reported	D-946-2752				

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	20	87	86	66	25
2	0	29	88	86	67	32
3	0	32	89	88	67	33
4	0	33	90	86	66	32
5	0	35	89	83	67	27
6	0	38	87	81	67	0
7	0	35	85	77	67	0
8	0	33	84	74	56	0
9	0	30	77	73	53	0
10	0	31	67	72	65	0
11	0	28	49	72	66	0
12	0	26	44	72	65	0
13	0	26	81	72	64	0
14	0	51	91	39	62	0
15	0	51	70	18	57	0
16	0	49	95	44	54	0
17	0	47	98	66	54	0
18	0	40	94	76	54	0
19	0	47	93	74	52	0
20	0	45	74	72	52	0
21	0	38	77	60	49	0
22	0	50	81	36	47	0
23	0	59	81	48	50	0
24	0	48	79	49	55	0
25	0	43	82	49	58	0
26	0	53	82	56	46	0
27	0	72	80	67	38	0
28	0	79	81	65	39	0
29	22	79	80	64	38	0
30	21	83	79	65	34	0
31	27	---	81	65	---	0
S.F.	70	1330	2505	2035	1675	149
Mean	2	44	81	66	56	5
Max.	27	83	98	88	67	33
Min.	0	20	44	18	34	0
A.F.	140	2640	4970	4040	3320	300
Total 6 months	- 15410 A.F.					
Acreage reported	D-844, 1031-5222, A-2190-47, Total-5269					

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
 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 - October 1984

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	0	30	34	15	20	5
2	0	0	32	29	16	20	0
3	0	0	29	25	16	20	0
4	0	0	0	31	16	20	0
5	0	0	20	33	17	21	0
6	0	0	17	32	18	22	0
7	0	8	32	36	18	24	0
8	0	15	33	36	19	24	0
9	0	21	34	37	19	23	0
10	0	20	34	35	17	23	0
11	0	20	35	34	16	22	0
12	0	21	37	34	14	23	0
13	6	20	41	36	11	23	0
14	6	21	34	34	6	22	0
15	17	23	33	27	5	21	0
16	17	25	34	29	4	22	0
17	19	22	35	30	5	25	0
18	18	20	31	27	6	23	0
19	19	22	36	28	6	18	0
20	19	22	36	26	11	18	0
21	19	22	28	36	7	19	0
22	10	25	22	36	7	23	0
23	0	23	25	37	6	23	0
24	0	23	29	28	3	13	0
25	0	28	29	20	3	3	0
26	0	27	28	16	8	2	0
27	0	24	28	18	7	10	0
28	0	25	28	18	8	17	0
29	0	25	29	19	17	10	0
30	0	31	31	17	18	8	0
31	---	29	---	16	19	---	0
S.F.	150	562	910	894	358	562	5
Mean	5	18	30	29	12	19	0
Max.	19	31	41	37	19	25	5
Min.	0	0	1	16	3	2	0
A.F.	300	1110	1800	1770	710	1110	10
Total 7 Months	6810 A.F.						
Acreage reported D-874,1035 (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 1984

EXTREMES FOR CURRENT YEAR:--Peak discharges above base of 320 cfs, and
 maximum (*): DISCH GHT
 DATE TIME (CFS) (FT) DATE TIME (CFS) (FT)
 Jun 3 2145 *1070 6.17 Jun 20 0800 354 3.29
 Sep 13 1415 387 3.54
 Minimum daily discharge, 51 cubic feet per second, April 11, 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	78	72	64	67	70	104	125	158	174	164	89	77
2	78	73	64	67	70	122	124	158	186	157	89	77
3	78	72	64	59	66	121	103	157	198	154	90	74
4	78	72	64	57	170	373	117	156	210	157	93	74
5	76	70	65	55	226	284	103	151	222	164	92	73
6	76	70	65	55	221	274	85	145	224	158	92	73
7	74	70	65	56	235	255	65	140	250	156	92	73
8	72	72	65	57	222	235	77	106	260	154	90	73
9	72	70	65	59	220	197	112	106	288	153	90	74
10	72	70	65	56	216	184	129	101	308	147	90	73
11	72	69	65	51	218	209	125	99	301	120	90	74
12	73	70	65	55	222	224	100	106	306	114	90	74
13	73	66	65	56	218	222	94	104	322	106	89	74
14	72	66	65	59	178	206	86	113	330	107	88	74
15	72	66	66	60	176	203	77	114	322	107	86	74
16	72	65	66	61	186	222	88	112	316	106	86	74
17	73	65	65	60	198	226	122	109	322	106	86	74
18	73	64	65	62	221	214	132	125	295	107	86	72
19	73	62	65	68	216	220	117	145	244	107	86	72
20	73	62	65	68	210	277	122	173	221	106	86	72
21	73	62	65	99	173	261	144	172	208	104	85	72
22	73	64	65	103	158	261	148	179	186	101	85	70
23	73	62	65	88	144	214	142	202	186	100	85	70
24	73	62	65	77	150	198	145	191	210	100	85	70
25	72	62	65	76	157	190	151	200	264	99	86	70
26	72	62	61	78	154	158	163	202	282	99	84	69
27	73	64	64	74	167	132	169	206	244	99	84	69
28	72	64	64	73	197	160	166	178	197	99	79	69
29	72	64	65	72	191	129	160	153	186	99	79	69
30	72	---	62	70	161	104	145	138	184	97	78	69
31	72	---	61	---	118	---	144	135	---	96	---	69
S.F.	2277	1932	2000	2002	5529	6379	3770	4534	7446	3743	2611	2241
Mean	73	67	65	67	178	213	122	146	248	121	87	72
Max.	78	73	66	103	235	373	169	206	330	164	93	77
Min.	72	62	61	51	66	104	65	99	174	96	78	69
A.F.	4520	3830	3970	3970	10970	12650	7480	8990	14770	7420	5180	4440
Total 12 Months	88190 A.F.											

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	52	64	57	40	17
2	0	68	61	56	42	15
3	0	39	61	58	42	12
4	0	0	62	57	42	14
5	0	0	61	58	41	15
6	0	0	58	51	38	13
7	0	0	52	47	30	13
8	0	12	57	52	32	13
9	10	27	60	57	32	8
10	19	43	58	59	23	0
11	16	44	64	61	30	0
12	16	44	63	59	31	0
13	16	44	64	60	17	0
14	7	40	64	52	24	0
15	0	49	60	56	44	0
16	0	50	64	55	44	0
17	0	45	67	58	43	0
18	0	55	62	59	35	0
19	0	46	67	56	42	0
20	4	18	72	52	30	0
21	11	23	54	56	26	0
22	13	52	47	56	35	0
23	20	51	59	50	40	0
24	22	54	55	52	38	0
25	22	53	49	49	31	0
26	28	51	51	52	30	0
27	33	52	52	58	21	0
28	27	52	52	49	26	0
29	34	58	52	52	28	0
30	40	66	52	49	20	0
31	31	---	56	43	---	0
S.F.	369	1188	1820	1636	997	120
Mean	12	40	59	53	33	4
Max.	40	68	72	61	44	17
Min.	0	0	47	17	17	0
A.F.	730	2360	3610	3240	1980	240
Total 6 months -	12160 A.F.					
Acraage reported D-874, 1035(A-1429 O.D.)-4022, A-1436-17, Total-4039						

DAILY DIVERSIONS OF CANALS--1984

ALLIANCE IRRIGATION DISTRICT
 Summary in Acre-feet--1984

	Apr.	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:								
Bayard Drain.....	300	1110	1800	1770	710	1110	10	6810
Red Willow Creek..	0	730	2360	3610	3240	1980	240	12160
Total.....	300	1840	4160	5380	3950	3090	250	18970
Total water diverted 18970 A.F.								

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	102	206	168	160
2	0	131	218	174	162
3	0	131	214	172	153
4	0	51	208	172	162
5	0	136	215	173	168
6	0	121	217	173	169
7	0	116	211	173	164
8	0	107	214	164	136
9	0	110	227	155	96
10	0	118	220	159	85
11	0	122	217	166	82
12	0	114	220	170	85
13	0	99	202	172	84
14	22	103	189	165	75
15	96	117	181	163	81
16	70	116	263	170	72
17	75	133	222	170	42
18	77	126	200	176	0
19	97	87	201	173	9
20	89	85	184	178	5
21	127	121	186	169	12
22	102	100	183	165	4
23	75	89	183	158	1
24	72	121	178	176	13
25	52	109	178	169	0
26	63	121	177	171	20
27	81	176	180	178	128
28	80	160	188	170	59
29	39	186	181	169	0
30	55	214	175	169	0
31	76	---	152	174	---
S.F.	1348	3622	6190	5254	2228
Mean	43	121	200	169	74
Max.	127	214	263	178	169
Min.	0	51	152	155	0
A.F.	2670	7180	12280	10420	4420
Total 5 months -	36970 A.F.				
Acraage reported A-768-16177					

DAILY DIVERSIONS OF CANALS--1984

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
 Summary in Acre-feet--1984

Diverted from:	Section Township Range	May					Totals
		May	June	July	Aug.	Sept.	
North Platte River....	10-23-58	2670	7180	12280	10420	4420	36970
*Sheep Creek.....	17-23-57	1080	3730	5090	6340	5400	21640
*Akers Draw.....	12-23-57	530	630	760	870	830	3620
*Tub Springs.....	27-33-55	200	1500	2740	2790	2140	9370
*Dry Spottedtail Cr....	9-23-56	200	970	1530	1670	1340	5710
*Wet Spottedtail Cr....	10-23-56	710	1030	1040	1450	1700	5930
*Moffat Drain.....	25-22-53	0	0	0	0	0	0
Totals.....		5390	15040	23440	23540	15830	83240

Total water diverted 83240 A.F.
 Acraage reported A-768-16177

*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.

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	85	167	152	139	87
2	0	84	172	157	145	42
3	60	85	179	160	147	0
4	33	91	183	161	144	0
5	32	95	179	159	140	0
6	32	96	175	156	131	0
7	32	95	179	151	129	0
8	31	97	181	143	123	0
9	31	99	176	135	115	0
10	31	102	181	135	119	0
11	31	99	147	135	120	0
12	31	97	145	131	117	0
13	31	97	140	118	114	0
14	31	97	134	120	112	0
15	32	99	129	118	112	0
16	37	102	142	124	112	0
17	35	102	167	144	113	0
18	32	99	155	155	107	0
19	32	99	151	155	101	0
20	32	99	149	148	100	0
21	32	101	149	148	99	0
22	30	105	148	151	100	0
23	26	104	148	155	101	0
24	35	117	145	153	106	0
25	86	115	152	152	109	0
26	86	115	148	144	104	0
27	87	129	145	142	102	0
28	74	139	143	131	105	0
29	64	156	140	130	99	0
30	69	161	140	129	92	0
31	82	---	140	131	---	0
S.F.	1277	3161	4809	4423	3457	129
Mean	41	105	155	143	115	4
Max.	87	161	183	161	147	87
Min.	0	84	129	118	92	0
A.F.	2530	6270	9540	8770	6860	260
Total 6 Months -	34230 A.F.					
Acreage reported D-828-8912						

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	36	29	9	30	5
2	0	36	29	9	19	3
3	0	37	21	10	13	0
4	0	34	15	10	13	0
5	0	34	15	10	12	0
6	0	32	14	9	12	0
7	0	36	14	9	11	0
8	0	29	14	8	10	0
9	0	26	14	7	9	0
10	0	25	13	7	9	0
11	0	25	11	7	8	0
12	0	24	11	7	8	0
13	0	24	10	26	8	0
14	0	24	9	31	8	0
15	12	24	9	29	8	0
16	20	25	10	30	8	0
17	21	25	12	30	8	0
18	23	25	11	18	8	0
19	23	24	10	18	7	0
20	23	24	10	17	7	0
21	22	24	10	17	7	0
22	22	25	10	17	7	0
23	24	38	9	18	7	0
24	31	42	9	18	7	0
25	41	47	9	18	7	0
26	41	51	9	17	7	0
27	41	48	8	16	7	0
28	40	42	8	24	7	0
29	30	35	8	31	6	0
30	33	29	8	31	6	0
31	36	---	8	29	---	0
S.F.	483	950	377	537	284	8
Mean	16	32	12	17	9	0
Max.	41	51	29	31	30	5
Min.	0	24	8	7	6	0
A.F.	960	1880	750	1070	560	20
Total 6 Months -	5240 A.F.					
Acreage 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 1984

Date	May	June	July	Aug.	Sept.
1	6	16	47	24	35
2	6	26	40	52	34
3	6	45	25	58	41
4	6	61	20	52	56
5	6	14	17	49	46
6	6	15	48	47	45
7	7	14	43	30	51
8	7	16	42	40	44
9	6	18	50	23	38
10	6	29	65	14	38
11	6	31	25	48	31
12	6	38	13	49	36
13	6	31	12	49	36
14	6	24	22	50	31
15	6	28	41	42	40
16	6	31	44	28	47
17	5	34	39	19	49
18	6	38	43	18	41
19	9	33	49	31	40
20	12	38	22	49	40
21	6	11	22	54	34
22	6	40	22	63	37
23	14	40	19	56	41
24	11	40	46	59	47
25	16	35	60	27	44
26	25	30	62	22	52
27	32	33	62	28	54
28	32	37	51	32	54
29	33	42	41	37	42
30	34	45	22	34	27
31	29	---	23	38	---
S.F.	368	933	1137	1222	1251
Mean	12	31	37	39	42
Max.	34	61	65	63	56
Min.	5	11	12	14	27
A.F.	730	1850	2260	2420	2480
Total 5 Months -	9740 A.F.				

DISCHARGE IN SECOND- FEET OF UPPER DUGOUT CREEK NEAR BRIDGEPORT
SE1/4SE1/4 Sec. 20-20-50 W. Period of Record: October 1931 - December 1984

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1984, 278 Cubic Feet per Second at 1830 hours on June 3, 1984 at a Gage Height of 2.66 Feet. Minimum Daily Discharge, 2.8 Cubic Feet per Second on April 17, 18, 1984.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.2	4.4	3.2	3.2	6.3	28	28	21	49	11	8.1	7
2	5.2	4.6	3	3.1	6.3	33	29	8.5	50	10	8.5	7
3	5.2	4.6	2.9	3.1	4.6	52	36	8.5	50	10	8.5	6.7
4	5.6	4.6	2.9	3.1	4.2	37	39	20	53	9.7	8.5	6.4
5	5.8	4.6	3.1	3.1	4	58	28	24	55	10	8.5	6.4
6	5.6	4.4	2.9	3.1	4	75	10	25	62	9.7	8.9	6.1
7	5.4	4.2	2.9	3.1	4	61	10	30	76	8.9	8.9	6.1
8	5.2	4.2	3.4	3.2	4	56	20	30	112	8.9	8.1	6.1
9	5	4.2	3.7	3.2	4	50	30	31	102	8.9	8.1	6.1
10	4.8	4.2	3.5	3.1	3.7	59	28	22	85	8.9	8.1	6.1
11	4.8	4	3.7	3.7	4	70	24	10	85	8.5	8.1	5.8
12	4.6	4.2	3.5	3.2	4	75	21	9.7	79	8.5	7.4	5.8
13	4.6	4.4	3.4	3.1	3.9	74	25	17	77	8.1	7.4	5.8
14	4.6	4.4	3.4	2.9	3.7	74	16	23	71	8.1	7.4	5.8
15	4.6	4.4	3.4	2.9	3.9	76	6.5	22	77	8.1	7.4	5.8
16	4.2	4.4	3.4	2.9	4.7	79	8.3	27	74	8.1	7.4	5.8
17	4	4.4	3.4	2.8	4.8	91	20	29	79	8.1	7.4	5.2
18	4.2	4.4	3.5	2.8	3.2	102	30	26	47	8.5	7.4	5.2
19	4.4	4.2	3.5	2.9	1.7	100	31	19	35	8.3	7.4	5.2
20	4.5	4.2	3.5	5.9	2.0	100	34	8.1	29	7.7	7	5.2
21	4.6	4.2	3.5	7.1	2.8	104	36	8.1	32	7.7	7	5.2
22	4.8	4	3.4	6.8	3.6	104	31	16	29	7.7	7	5.2
23	4.8	4	3.4	6.6	3.4	82	15	24	27	7.7	6.7	4.9
24	4.6	4	3.4	6.3	3.9	102	9.5	25	30	7.4	7	4.4
25	4.8	3.9	3.4	1.9	2.2	75	9.7	31	37	7.4	7	4.9
26	5	3.9	3.4	1.1	2.0	57	19	33	53	7.4	6.7	4.7
27	4.6	3.9	3.4	9.8	2.6	56	29	29	50	7.4	6.7	4.7
28	4.4	3.7	3.4	9.4	4.8	38	27	17	58	7.4	6.7	4.7
29	4.4	3.7	3.2	9.1	3.8	22	25	12	18	7.4	6.7	4.7
30	4.4	---	3.2	8.5	2.2	26	28	15	11	7.4	6.7	4.7
31	4.4	---	3.4	---	---	18	29	34	---	7.4	---	4.4
S.F.	148.7	122.3	103.3	158	594.7	2016	732	654.9	1692	260.3	226.7	172.1
Mean	5	4	3	5	19	67	24	21	56	8	8	6
Max.	6	4.6	3.7	19	48	104	39	34	112	11	8.9	7
Min.	4	3.7	2.9	2.8	3.7	22	6.5	8.1	11	7.4	6.7	4.4
A.F.	290	240	200	310	1180	4000	1450	1300	3360	520	450	340
Total 12 Months	- 13640 A.F.											

DAILY DIVERSIONS OF CANALS--1984
BROWNS CREEK CANAL from North Platte River--Measured through
Farshall flume--NW1/4SW1/4 Sec. 28-20-50 W. near Bridgeport
Period of Record: May 1916 - October 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	28	81	57	52	25
2	0	30	84	55	48	25
3	0	32	87	58	46	24
4	0	30	88	56	40	24
5	0	37	93	56	37	19
6	0	44	95	55	34	0
7	0	46	98	53	34	0
8	0	48	96	58	32	0
9	0	46	95	59	30	0
10	0	45	84	60	26	0
11	0	45	87	61	26	0
12	0	46	68	58	26	0
13	0	49	74	60	24	0
14	0	43	68	62	23	0
15	0	40	74	65	23	0
16	0	37	89	72	22	0
17	0	32	89	76	22	0
18	1	28	82	74	18	0
19	2	27	80	75	16	0
20	5	27	70	72	17	0
21	6	26	74	69	18	0
22	13	28	71	68	15	0
23	15	29	72	64	12	0
24	16	28	74	63	14	0
25	22	29	64	63	14	0
26	20	32	58	63	17	0
27	18	37	52	63	22	0
28	19	61	55	59	26	0
29	21	78	53	57	25	0
30	22	82	53	57	25	0
31	28	---	54	58	---	0
S.F.	208	1190	2362	1926	784	117
Mean	7	40	76	62	26	4
Max.	28	82	98	76	52	25
Min.	0	26	52	53	12	0
A.F.	410	2360	4680	3820	1560	230
Total 6 months	- 13060 A.F.					
Acresage reported	D-857, 1033-6126					

DAILY DIVERSIONS OF CANALS--1984

BROWNS CREEK CANAL
Summary in Acre-feet--1984

	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:							
Natural.....	410	2360	4680	3820	1560	230	13060
Storage.....	0	0	0	0	0	0	0
Total.....	410	2360	4680	3820	1560	230	13060

Total water diverted 13060 A.F.
No storage ordered in 1984

DAILY DIVERSIONS OF CANALS--1984
COURT HOUSE ROCK CANAL from Pumpkin Creek--Measured through
rating flume--SE1/4SW1/4 Sec. 30-19-50 W. near Bridgeport
Period of Record: April 1930 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	10	4	6	4
2	0	10	4	5	4
3	0	10	4	5	4
4	0	10	5	2	3
5	0	10	5	0	2
6	0	10	6	0	2
7	0	10	6	4	2
8	0	9	6	4	2
9	0	9	7	8	2
10	0	9	7	8	2
11	0	9	6	7	3
12	0	9	6	7	3
13	0	9	7	7	3
14	0	9	7	7	3
15	0	9	7	7	5
16	0	9	7	7	4
17	0	9	7	7	3
18	0	8	6	7	3
19	0	8	6	7	2
20	0	8	6	7	2
21	0	8	6	7	2
22	0	8	6	6	1
23	0	8	6	6	3
24	0	8	6	6	5
25	0	7	6	6	5
26	0	7	6	6	4
27	0	6	6	6	4
28	0	4	6	6	4
29	0	4	6	6	2
30	0	4	6	5	0
31	6	---	5	---	---
S.F.	6	249	185	173	88
Mean	0	8	6	6	3
Max.	6	10	7	8	5
Min.	0	4	4	0	0
A.F.	10	490	370	340	170
Total 5 months -	1380 A.F.				
Acres reported D-840, 1028-1382,					
A-851-O, A-2315-O, Total-1382					

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	0	4	2
2	0	0	0	4	4
3	0	0	1	4	4
4	0	0	2	3	4
5	0	0	2	3	4
6	0	0	1	4	4
7	0	0	1	4	4
8	0	0	1	4	4
9	0	0	3	3	4
10	0	0	3	3	4
11	0	0	3	3	4
12	0	0	3	3	3
13	0	0	3	3	3
14	0	0	3	3	4
15	0	0	3	3	4
16	0	0	3	3	4
17	0	0	3	3	2
18	0	0	3	3	0
19	0	0	3	3	0
20	0	0	3	3	0
21	0	0	3	3	0
22	0	0	3	3	0
23	0	0	3	4	0
24	0	0	3	4	0
25	0	0	3	4	0
26	0	0	4	3	0
27	0	0	4	3	0
28	0	0	4	3	0
29	0	0	4	2	0
30	0	0	4	2	0
31	0	---	4	---	---
S.F.	0	0	82	97	62
Mean	0	0	3	3	2
Max.	0	0	4	4	4
Min.	0	0	0	0	0
A.F.	0	0	160	190	120
Total 5 months -	470 A.F.				
Acres reported D-883-404					

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	18	0	4	24	26
2	0	12	0	8	24	21
3	16	0	5	11	24	0
4	19	8	17	11	28	0
5	17	20	21	10	28	0
6	18	19	15	10	28	0
7	18	19	9	10	28	0
8	17	19	8	10	28	0
9	14	19	8	9	26	0
10	13	19	8	9	26	0
11	12	18	7	9	26	0
12	12	19	4	9	25	0
13	10	19	0	9	23	0
14	10	18	0	9	22	0
15	10	17	0	6	22	0
16	17	18	0	4	24	0
17	20	18	0	4	28	0
18	13	17	5	3	28	0
19	13	20	14	2	28	0
20	13	28	11	9	28	0
21	12	26	11	15	28	0
22	13	25	11	12	28	0
23	10	23	10	11	28	0
24	2	21	10	10	28	0
25	1	19	9	9	28	0
26	18	17	7	10	28	0
27	24	15	6	16	27	0
28	22	6	6	24	28	0
29	21	0	5	23	28	0
30	20	0	4	23	27	0
31	19	---	4	23	---	0
S.F.	424	497	215	332	796	47
Mean	14	17	7	11	27	2
Max.	24	28	21	24	28	26
Min.	0	0	0	2	22	0
A.F.	840	990	430	660	1580	90
Total 6 Months -	4590 A.F.					

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	4	7	3	0
2	0	2	6	3	0
3	0	1	6	3	0
4	0	0	6	3	0
5	0	0	4	3	0
6	0	0	7	3	0
7	0	0	7	3	0
8	0	0	7	3	0
9	0	0	5	3	0
10	0	0	4	2	0
11	0	0	4	2	0
12	0	0	4	2	0
13	0	0	3	2	0
14	0	0	5	3	0
15	0	0	4	3	0
16	0	0	3	3	0
17	0	0	3	3	0
18	0	0	4	3	0
19	0	2	4	3	0
20	0	5	4	3	0
21	0	5	4	3	0
22	0	5	4	2	0
23	0	5	4	0	0
24	1	5	4	0	0
25	3	6	4	0	0
26	5	7	2	0	0
27	4	7	1	0	0
28	4	7	1	0	0
29	4	7	1	0	0
30	4	7	1	0	0
31	4	---	3	0	0
S.F.	29	75	128	60	0
Mean	1	3	4	2	0
Max.	5	7	7	3	0
Min.	0	0	1	0	0
A.F.	60	150	250	120	0
Total 5 months -	580 A.F.				
Acres reported D-876-336					

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 - September 1984

Date	May	June	July	Aug.	Sept.
1	6	30	14	28	32
2	6	28	10	17	25
3	6	27	34	20	32
4	6	27	30	30	41
5	6	23	26	25	39
6	6	25	21	22	47
7	6	18	22	12	45
8	6	42	22	21	37
9	5	44	24	24	33
10	5	47	18	32	32
11	6	52	20	20	23
12	6	39	33	20	23
13	5	35	27	19	36
14	5	20	20	10	36
15	5	30	16	10	39
16	5	34	18	12	43
17	5	35	27	32	41
18	5	34	18	44	30
19	14	46	13	35	16
20	23	30	11	31	18
21	28	32	18	25	15
22	39	38	26	28	21
23	21	35	22	13	32
24	16	32	20	14	39
25	17	38	24	20	38
26	21	34	22	30	12
27	27	21	18	37	13
28	20	21	19	27	12
29	19	5	20	29	11
30	12	10	23	37	8
31	22	---	23	38	---
S.F.	379	934	659	762	869
Mean	12	31	21	25	29
Max.	39	52	34	44	47
Min.	5	5	10	10	8
A.F.	750	1850	1310	1510	1720
Total 5 Months -			7140	A.F.	

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	20	4	8
2	0	0	20	9	10
3	0	0	21	12	10
4	0	0	20	12	10
5	0	0	18	12	5
6	0	0	15	12	3
7	0	1	14	10	1
8	0	1	14	9	0
9	0	1	15	8	0
10	0	2	13	8	0
11	0	2	8	7	0
12	0	2	8	7	0
13	0	2	6	11	0
14	0	2	16	12	0
15	0	2	24	12	0
16	0	3	22	12	0
17	0	3	24	14	0
18	0	2	18	16	0
19	0	1	13	12	0
20	0	2	11	13	0
21	0	2	13	13	0
22	0	3	19	13	0
23	0	13	20	12	0
24	0	16	18	14	0
25	0	14	17	13	0
26	0	13	16	12	0
27	0	13	13	12	0
28	0	11	11	12	0
29	0	12	11	8	0
30	0	16	6	8	0
31	0	---	3	8	---
S.F.	0	139	467	338	47
Mean	0	5	15	11	2
Max.	0	16	24	16	10
Min.	0	0	3	4	0
A.F.	0	280	930	670	90
Total 5 months -			1970	A.F.	
Acreeage reported D-887-2080					

DAILY DIVERSIONS OF CANALS--1984
 BELMONT CANAL from Cedar Creek--Measured through rating
 flume--NE1/4SW1/4 Sec. 23-18-48 W. near Broadwater
 Period of Record: May 1919 - July 1919
 May 1922 - September 1923, May 1926 - September 1927
 May 1929 - September 1943, May 1948 - September 1952
 October 1955 - September 1964, May 1966 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	10	8	6	8
2	0	9	9	6	8
3	0	9	8	6	9
4	0	9	8	6	11
5	0	10	7	6	11
6	0	11	6	6	10
7	0	10	6	8	9
8	0	10	6	8	8
9	0	10	6	8	8
10	0	11	5	9	8
11	0	11	6	8	8
12	0	11	6	7	8
13	0	10	5	7	8
14	0	10	5	6	8
15	0	10	6	6	7
16	0	10	6	6	6
17	0	10	6	5	6
18	0	10	6	7	4
19	0	9	6	7	3
20	0	9	6	7	3
21	0	9	6	7	3
22	0	9	6	7	3
23	0	9	6	7	4
24	3	8	6	7	4
25	3	8	7	7	2
26	0	6	8	7	0
27	0	6	8	7	0
28	0	6	8	6	0
29	0	7	8	6	0
30	10	---	7	6	0
31	13	---	6	8	---
S.F.	13	274	203	212	167
Mean	1	9	7	7	6
Max.	10	11	9	9	11
Min.	0	6	5	6	0
A.F.	50	540	400	420	330
Total 5 Months -			1740	A.F.	

DAILY DIVERSIONS OF CANALS--1984

BEERLINE CANAL
 Summary in Acre-feet--1984

	May	June	July	Aug.	Sept.	Totals
Diverted from:						
North Platte River...	0	280	930	670	90	1970
Storage.....	0	0	0	0	0	0
Totals.....	0	280	930	670	90	1970

Total water diverted 1970 A.F.
 No storage ordered in 1984

DISCHARGE IN SECOND-FEET OF CEDAR CREEK near
Broadwater--SE1/4NE1/4 Sec. 11-18-48 W.
Period of Record:
January 1922 - September 1962, May 1965 - September 1984

Date	May	June	July	Aug.	Sept.
1	12	35	3	0	11
2	12	48	3	6	14
3	12	40	4	2	15
4	11	36	5	5	18
5	11	19	6	4	15
6	11	22	2	3	16
7	12	23	3	4	10
8	11	22	5	4	11
9	11	21	2	2	9
10	11	20	0	0	8
11	12	21	3	0	9
12	12	23	1	0	13
13	12	19	0	0	14
14	12	18	0	0	17
15	12	15	0	0	18
16	12	19	1	0	20
17	12	21	1	0	20
18	12	22	7	1	21
19	12	21	3	2	19
20	12	22	1	4	13
21	12	19	1	2	13
22	13	18	1	0	14
23	13	15	1	0	15
24	12	14	1	6	14
25	12	19	2	8	16
26	30	16	7	9	20
27	36	12	9	9	17
28	33	3	8	9	18
29	31	2	7	10	16
30	30	2	5	9	16
31	28	---	2	10	---
S.F.	484	607	94	109	450
Mean	16	20	3	4	15
Max.	36	48	9	10	21
Min.	11	2	0	0	8
A.F.	960	1200	190	220	890
Total 5 Months	- 3460 A.F.				

DAILY DIVERSIONS OF CANALS--1984

BELMONT CANAL
Summary in Acre-feet--1984

	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:							
North Platte River...	2530	6270	9540	8770	6860	260	34230
Cedar Creek.....	50	540	400	420	330	0	1740
Totals.....	2580	6810	9940	9190	7190	260	35970

Total water diverted 35970 A.F.
No storage ordered in 1984

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	66	89	52	22
2	0	0	64	80	52	29
3	0	22	65	77	57	33
4	0	41	64	76	62	34
5	0	44	70	72	65	39
6	0	51	69	64	67	39
7	0	57	69	58	68	39
8	0	57	68	54	62	38
9	0	55	68	61	47	36
10	0	48	68	57	43	32
11	0	47	74	57	35	30
12	0	45	69	59	58	27
13	0	46	59	60	57	24
14	0	48	60	66	60	24
15	0	49	62	61	60	27
16	0	58	64	56	60	15
17	0	64	74	54	59	0
18	0	68	76	64	58	0
19	0	59	52	68	55	0
20	0	65	48	64	54	0
21	0	70	48	66	54	0
22	0	64	68	62	52	0
23	0	55	66	57	51	0
24	0	55	61	57	55	0
25	0	54	72	58	61	0
26	0	46	70	59	60	0
27	0	50	68	61	49	0
28	0	59	65	60	55	0
29	0	55	62	50	39	0
30	0	62	61	50	29	0
31	0	---	61	54	---	0
S.F.	0	1495	2011	1911	1664	488
Mean	0	50	65	62	55	16
Max.	0	70	76	80	68	39
Min.	0	0	48	50	29	0
A.F.	0	2970	3990	3790	3300	970
Total 6 months	- 15020 A.F.					

Acres reported D-787R-1268, D-856-1391,
A-243R-783, A-991-216, A-4658-112, A-5572-98,
Total-1868

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 1984

Date	May	June	July	Aug.	Sept.
1	4	4	4	4	3
2	4	4	4	4	3
3	5	4	4	4	3
4	4	4	4	4	3
5	4	4	4	4	3
6	4	4	4	4	3
7	4	4	4	4	3
8	4	4	4	4	3
9	4	4	4	4	3
10	4	4	4	4	3
11	4	4	4	4	3
12	4	4	4	4	3
13	4	4	4	4	3
14	4	4	4	4	3
15	4	4	4	4	3
16	4	4	4	4	3
17	4	4	4	4	3
18	4	4	4	4	3
19	4	4	4	4	3
20	4	4	4	4	3
21	4	4	4	4	3
22	4	4	4	4	3
23	4	4	4	4	3
24	4	4	4	4	3
25	4	4	4	4	4
26	4	4	4	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	---	4	4	---
S.F.	125	120	124	108	109
Mean	4	4	4	3	4
Max.	5	4	4	4	4
Min.	4	4	4	3	3
A.F.	250	240	250	210	220
Total 5 months	- 1170 A.F.				

DAILY DIVERSIONS OF CANALS--1984
 MIDLAND-OVERLAND CANAL from North Platte River--Measured
 through Parshall flume--NE1/4SE1/4 Sec. 2-16-44 W. near Oshkosh
 Period of Record: July 1924 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	12	14	5
2	0	0	11	16	5
3	0	0	11	15	5
4	0	0	12	11	5
5	0	0	14	14	5
6	0	0	13	15	5
7	0	0	12	14	5
8	0	0	13	9	5
9	0	0	14	7	4
10	0	0	12	4	3
11	0	0	9	4	4
12	0	0	5	3	5
13	0	0	0	0	12
14	0	0	0	0	6
15	0	0	4	6	13
16	0	0	14	4	14
17	0	10	13	1	14
18	0	16	11	3	13
19	0	18	11	5	12
20	0	20	10	9	10
21	0	22	9	12	10
22	0	22	11	12	10
23	0	21	15	12	7
24	0	20	17	8	5
25	0	22	18	6	6
26	0	22	17	6	4
27	0	22	17	6	4
28	0	20	15	6	4
29	0	18	14	5	4
30	0	14	5	---	---
31	0	---	---	---	---
S.F.	0	253	359	256	214
Mean	0	8	12	8	7
Max.	0	22	18	16	14
Min.	0	0	0	1	3
A.F.	0	500	710	510	420

Total 5 Months - 2140 A.F.
 Acreage reported D-789-1000, D-791-1104,
 D-800(A-1742 O.D.)-154, Total-2258

DAILY DIVERSIONS OF CANALS--1984

LISCO CANAL
 Summary in Acre-feet--1984

	May	June	July	Aug.	Sept.	Oct.	Totals
Diverted from:							
North Platte River....	0	2970	3990	3790	3300	970	15020
Cold Water Creek.....	0	0	0	0	0	0	0
Totals.....	0	2970	3990	3790	3300	970	15020

Total water diverted 15020 A.F.

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	1	2	14	8
2	0	7	2	6	15	8
3	0	12	6	8	15	8
4	0	14	6	9	15	8
5	0	14	6	9	15	8
6	0	14	6	9	14	6
7	0	14	6	9	10	6
8	0	14	7	7	10	6
9	0	19	4	4	11	2
10	0	16	0	2	10	0
11	0	14	0	1	13	0
12	0	13	4	1	18	0
13	0	14	6	0	21	0
14	0	14	7	0	21	0
15	0	13	4	0	21	0
16	0	13	0	0	21	0
17	0	14	0	2	21	0
18	0	14	0	5	21	0
19	0	13	2	5	20	0
20	0	13	4	5	20	0
21	0	14	4	2	20	0
22	0	15	4	0	20	0
23	0	17	4	0	21	0
24	0	18	4	0	21	0
25	0	19	5	0	21	0
26	0	19	6	0	21	0
27	0	19	3	3	21	0
28	0	12	0	7	21	0
29	0	1	0	8	21	0
30	0	0	0	10	13	0
31	0	---	0	10	---	0
S.F.	0	393	101	124	527	58
Mean	0	13	3	4	18	2
Max.	0	19	7	10	21	8
Min.	0	0	0	0	10	0
A.F.	0	780	200	250	1050	120

Total 6 months - 2400 A.F.
 Acreage reported D-800-815, A-515-95,
 A-1738-176, Total-1086

DAILY DIVERSIONS OF CANALS--1984
 BLUE CREEK CANAL from Blue Creek and Crescent Lake--Measured through
 8-foot Parshall flume--SW1/4 NE1/4 Sec. 6-16-42 W. near Lewellen
 Period of Record:
 July 1917 - September 1919, June 1921 - October 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	35	35	24	18
2	0	0	32	40	22	18
3	0	0	32	37	23	17
4	0	0	35	38	27	18
5	0	0	34	38	30	21
6	0	0	34	36	30	21
7	0	0	34	39	31	18
8	0	8	32	39	32	6
9	0	17	34	38	32	0
10	0	6	31	39	32	0
11	0	6	32	37	32	0
12	0	7	32	40	32	0
13	0	7	32	39	26	0
14	0	7	38	39	22	0
15	0	8	36	39	19	0
16	0	8	35	40	18	0
17	0	8	33	40	18	0
18	0	13	33	40	18	0
19	0	14	33	40	18	0
20	0	15	28	39	26	0
21	0	15	25	39	28	0
22	0	15	26	39	39	0
23	0	15	28	38	41	0
24	0	16	28	38	35	0
25	0	22	35	39	18	0
26	0	32	36	32	18	0
27	0	35	33	32	18	0
28	0	34	30	30	18	0
29	0	34	29	26	18	0
30	0	35	32	25	18	0
31	0	---	33	25	---	0
S.F.	0	377	1001	1138	773	137
Mean	0	13	32	37	26	4
Max.	0	35	38	40	41	21
Min.	0	0	25	26	18	0
A.F.	0	750	1990	2260	1530	270

Total 6 Months - 6800 A.F.
 Acreage reported D-785-2449, D-795-355,
 A-1154-30, Total-2834

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	13	12	12	9
2	0	0	13	12	13	7
3	0	0	13	13	13	2
4	0	0	13	15	12	6
5	0	0	13	14	12	4
6	0	0	12	14	11	4
7	0	0	14	14	12	4
8	0	0	13	16	12	2
9	0	0	14	15	12	0
10	0	0	14	15	12	0
11	0	0	13	16	12	0
12	0	0	11	15	12	0
13	0	0	12	12	12	0
14	0	3	12	13	13	0
15	0	6	14	14	14	0
16	0	4	14	15	14	0
17	0	0	13	14	14	0
18	0	3	12	15	13	0
19	0	4	11	14	12	0
20	0	5	13	14	9	0
21	0	10	13	15	7	0
22	0	8	14	14	7	0
23	0	0	12	13	7	0
24	0	10	12	13	9	0
25	0	12	12	13	13	0
26	0	12	12	13	13	0
27	0	11	13	11	12	0
28	0	12	14	10	11	0
29	0	12	12	11	11	0
30	0	12	9	12	11	0
31	0	---	11	12	---	0
S.F.	0	136	393	419	347	38
Mean	0	5	13	14	12	1
Max.	0	12	14	16	14	9
Min.	0	0	9	10	7	0
A.F.	0	270	780	830	690	80
Total 6 months - 2650 A.F.						
Acreage reported D-781R (Pat. 410)-872						

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	17	11	7
2	0	0	17	8	7
3	0	0	16	7	6
4	0	0	14	4	5
5	0	0	13	6	9
6	0	0	16	9	12
7	0	0	17	13	15
8	0	0	17	16	15
9	0	0	18	16	15
10	0	0	17	16	5
11	0	0	18	17	0
12	0	0	18	16	0
13	0	0	15	17	7
14	0	0	14	17	11
15	0	0	16	17	11
16	0	0	17	14	10
17	0	0	17	6	7
18	0	0	17	3	7
19	0	0	17	3	9
20	0	0	17	8	7
21	0	0	18	15	5
22	0	0	16	16	0
23	0	0	17	17	0
24	0	0	17	14	0
25	0	0	17	13	0
26	0	6	17	14	0
27	0	11	18	13	0
28	0	12	17	12	0
29	0	15	18	12	0
30	0	17	17	9	0
31	0	---	18	7	---
S.F.	0	61	518	366	170
Mean	0	2	17	12	6
Max.	0	17	18	17	15
Min.	0	0	13	3	0
A.F.	0	120	1030	730	340
Total 5 months - 2220 A.F.					
Acreage reported D-763-1314					

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	14	15	16	6
2	0	0	17	15	15	6
3	0	0	16	15	14	6
4	0	0	15	14	13	6
5	0	0	14	12	7	6
6	0	0	10	8	5	5
7	0	0	6	6	6	4
8	0	1	7	7	7	4
9	0	1	8	9	9	5
10	0	1	13	7	10	4
11	0	0	17	8	12	4
12	0	0	15	6	12	4
13	0	0	10	7	11	4
14	0	0	6	6	11	3
15	0	0	5	6	12	3
16	0	0	10	8	12	3
17	0	0	16	14	12	3
18	0	0	15	16	12	1
19	0	0	13	15	12	0
20	0	0	10	11	11	0
21	0	0	12	6	10	0
22	0	0	13	9	11	0
23	0	0	10	9	8	0
24	0	3	10	13	6	0
25	0	10	7	15	6	0
26	0	7	6	16	6	0
27	0	1	7	16	6	0
28	0	0	11	14	6	0
29	0	11	13	14	6	0
30	0	10	14	14	5	0
31	0	---	13	16	---	0
S.F.	0	45	353	347	289	78
Mean	0	2	11	11	10	3
Max.	0	11	17	16	16	6
Min.	0	0	5	6	5	0
A.F.	0	90	700	690	570	150
Total 6 months - 2200 A.F.						
Acreage reported D-763R-85, D-788-689,						
Total-774						

NORTH PLATTE RIVER BASIN

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
 SW 1/4 Sec. 3-14-38 W.
 8.8 miles northeast of Hwy 30 in Ogallala on State Hwy 62
 Calendar Year Ending December 31, 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1702000	1673000	1604100	1570200	1595600	1678800	1780300	1759000	1681700	1673000	1708000	1658500
2	1699100	1670100	1601200	1570200	1598400	1681700	1780300	1756000	1678800	1675900	1708000	1655600
3	1699100	1673000	1601200	1573000	1601200	1681700	1783400	1753000	1678800	1678800	1708000	1652700
4	1699100	1670100	1598400	1573000	1604100	1684600	1783400	1753000	1673000	1681700	1705000	1646900
5	1696200	1670100	1595600	1575800	1607000	1684600	1786400	1753000	1670100	1681700	1702000	1644000
6	1696200	1670100	1592700	1573000	1607000	1687500	1789400	1750000	1670100	1684600	1699100	1638300
7	1696200	1667200	1589800	1573000	1609800	1690400	1792500	1747000	1667200	1687500	1699100	1635400
8	1696200	1667200	1587000	1573000	1609800	1690400	1795600	1747000	1667200	1690400	1699100	1632600
9	1696200	1664300	1584200	1573000	1612600	1693300	1801600	1744000	1664300	1690400	1699100	1629800
10	1696200	1661400	1581400	1575800	1612600	1696200	1804700	1741000	1664300	1690400	1699100	1626900
11	1699100	1661400	1578600	1575800	1612600	1699100	1807800	1738000	1661400	1693300	1696200	1624000
12	1699100	1658500	1575800	1575800	1615500	1705000	1807800	1735000	1661400	1693300	1693300	1621200
13	1699100	1655600	1573000	1575800	1615500	1705000	1807800	1732000	1661400	1696200	1693300	1621200
14	1699100	1652700	1573000	1575800	1615500	1705000	1804700	1729000	1664300	1696200	1690400	1618400
15	1699100	1649800	1573000	1575800	1615500	1708000	1801600	1726000	1664300	1699100	1690400	1618400
16	1699100	1646900	1570200	1575800	1612600	1711000	1798600	1723000	1664300	1702000	1687500	1618400
17	1696200	1644000	1570200	1575800	1612600	1717000	1795600	1720000	1664300	1702000	1684600	1615500
18	1693300	1644000	1570200	1573000	1615500	1723000	1792500	1717000	1664300	1705000	1681700	1615500
19	1693300	1641200	1567400	1573000	1621200	1735000	1792500	1714000	1664300	1705000	1681700	1615500
20	1690400	1638300	1567400	1575800	1624000	1750000	1789400	1711000	1664300	1705000	1678800	1615500
21	1687500	1635400	1567400	1578600	1629800	1762000	1786400	1708000	1664300	1708000	1675900	1612600
22	1684600	1629800	1564600	1581400	1635400	1768100	1783400	1705000	1664300	1708000	1673000	1609800
23	1681700	1626900	1564600	1584200	1638300	1768100	1783400	1702000	1664300	1708000	1670100	1607000
24	1678800	1624000	1564600	1587000	1644000	1771200	1777200	1699100	1664300	1711000	1670100	1604100
25	1675900	1621200	1567400	1587000	1644000	1771200	1777200	1669100	1661400	1711000	1667200	1604100
26	1673000	1618400	1567400	1587000	1644000	1774200	1774200	1696200	1661400	1711000	1667200	1601200
27	1673000	1615500	1570200	1587000	1646900	1774200	1771200	1696200	1661400	1711000	1664300	1598400
28	1673000	1609800	1570200	1589800	1649800	1774200	1768100	1693300	1664300	1711000	1664300	1598400
29	1673000	1607000	1570200	1589800	1652700	1777200	1765000	1690400	1667200	1708000	1661400	1595600
30	1673000	-----	1570200	1592700	1659500	1777200	1762000	1687500	1670100	1708000	1661400	1592700
31	1673000	-----	1570200	-----	1673000	-----	1759000	1684600	-----	1708000	-----	1592700

DAILY DIVERSIONS OF CANALS--1984
 SUTHERLAND CANAL from North Platte River for Storage and Power
 Measured through concrete lined section of canal--NWI/4NW1/4 Sec. 7-14-37 W.
 near Keystone. Period of Record: October 1936 - December 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	990	1330	1570	318	513	1540	1670	1600	1740	1700	1450	1490
2	1030	1420	1570	331	554	1630	1680	1620	1700	1700	1440	1490
3	988	1440	1560	346	686	1720	1680	1640	1710	1720	1480	1460
4	908	1480	1570	345	816	1780	1640	1650	1700	1730	1470	1390
5	858	1460	1610	334	937	1840	1640	1660	1700	1730	1450	1310
6	840	1490	1650	327	1050	1900	1630	1680	1710	1710	1450	1280
7	823	1530	1640	321	1090	1890	1580	1690	1690	1710	1440	1290
8	816	1540	1620	309	1120	1890	1560	1670	1690	1710	1430	1300
9	814	1530	1660	293	1160	1890	1530	1670	1700	1720	1420	1310
10	807	1540	1660	301	1200	1880	1510	1510	1730	1670	1420	1310
11	811	1570	1650	311	1180	1880	1520	1640	1760	1280	1440	1320
12	825	1560	1650	310	1180	1860	1540	1660	1760	1270	1450	1340
13	813	1550	1640	313	1170	1850	1550	1640	1740	1260	1460	1350
14	825	1530	1640	318	1160	1840	1560	1630	1760	1270	1460	1350
15	870	1540	1670	317	1160	1820	1580	1630	1770	1460	1480	1350
16	901	1540	1740	313	1160	1820	1610	1640	1770	1540	1490	1360
17	836	1540	1720	318	1170	1810	1600	1640	1770	1600	1500	1380
18	917	1380	1700	325	1200	1800	1630	1630	1740	1620	1510	1370
19	924	1380	1720	249	1220	1790	1640	1600	1750	1660	1520	1370
20	888	1500	1760	169	1210	1620	1640	1600	1720	1660	1540	1360
21	883	1560	1700	145	1300	1740	1640	1580	1700	1640	1530	1350
22	820	1540	1520	146	1380	1730	1640	1580	1700	1640	1520	1350
23	827	1560	1350	147	1470	1680	1660	1520	1700	1650	1520	1340
24	876	1560	1240	147	1550	1680	1610	1660	1700	1480	1520	1350
25	912	1560	1110	148	1550	1670	1540	1680	1700	1520	1520	1340
26	949	1560	937	148	1510	1680	1620	1700	1700	1530	1510	1330
27	1010	1580	750	200	1460	1680	1660	1660	1720	1540	1510	1320
28	1070	1570	594	360	1380	1700	1630	1770	1710	1540	1510	1320
29	1100	1580	436	470	1190	1710	1610	1720	1710	1530	1500	1320
30	1120	---	387	518	1130	1710	1590	1740	1710	1510	1500	1320
31	1200	---	319	---	1270	---	1580	1730	---	1460	---	1320
S.F.	28251	43920	43343	8597	36126	53030	49770	51040	51660	48760	44440	41840
Mean	911	1514	1398	287	1165	1768	1605	1646	1722	1573	1481	1350
Max.	1200	1580	1760	518	1550	1900	1680	1770	1770	1730	1540	1490
Min.	807	1330	319	145	513	1540	1510	1510	1690	1260	1420	1280
A.F.	56040	87110	85970	17050	71650	109180	98720	101240	102470	96710	88150	82990
Total 12 Months -	993280 A.F.											

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	47	102	87	78
2	0	53	100	82	74
3	0	58	97	80	73
4	0	56	96	79	72
5	0	56	95	82	72
6	0	60	96	64	71
7	0	62	95	55	71
8	0	59	93	67	71
9	0	65	88	67	70
10	0	65	34	67	69
11	0	22	50	79	63
12	0	0	86	88	50
13	0	34	91	87	60
14	0	62	94	86	60
15	0	64	93	89	57
16	0	54	90	88	61
17	0	49	90	88	60
18	0	46	92	88	58
19	0	43	94	88	58
20	8	45	96	88	57
21	41	23	96	90	57
22	58	39	92	89	60
23	25	73	90	85	60
24	49	74	90	84	58
25	49	81	93	82	57
26	20	90	94	82	41
27	21	90	94	83	33
28	22	90	93	87	19
29	11	93	93	87	3
30	1	100	94	85	0
31	25	---	96	85	---
S.F.	330	1753	2837	2538	1693
Mean	11	58	92	82	56
Max.	58	100	102	90	78
Min.	0	0	34	55	0
A.F.	650	3480	5630	5030	3360
Total 5 Months	- 18150 A.F.				
Acres reported	D-722R-5603				

DAILY DIVERSIONS OF CANALS--1984
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 - November 1984

Date	May	June	July	Aug.	Sept.	Oct.	Nov.
1	0	0	1	7	10	11	7
2	0	0	1	7	10	11	7
3	0	0	1	7	10	10	7
4	0	0	1	7	10	10	8
5	1	0	2	7	10	10	8
6	1	0	2	7	10	10	8
7	1	0	2	8	9	9	8
8	1	0	2	8	9	9	8
9	1	0	2	8	9	9	8
10	1	0	2	8	9	9	8
11	1	0	3	8	9	8	7
12	1	0	3	8	9	8	6
13	1	0	3	8	9	8	5
14	1	0	3	8	9	7	4
15	1	0	3	8	8	7	4
16	1	0	4	8	8	7	3
17	1	0	4	8	8	7	2
18	1	0	4	8	8	7	1
19	1	0	4	8	8	7	1
20	1	0	4	8	8	7	0
21	1	0	5	8	8	7	0
22	1	0	5	8	8	7	0
23	1	0	5	9	9	7	0
24	1	0	5	9	9	7	0
25	1	0	5	9	9	7	0
26	1	0	6	9	9	7	0
27	1	0	6	10	10	7	0
28	1	0	6	10	10	7	0
29	1	0	6	10	10	7	0
30	1	1	6	10	11	7	0
31	1	---	6	10	---	7	---
S.F.	27	1	112	257	273	247	109
Mean	1	0	4	8	9	8	4
Max.	1	1	6	10	11	11	8
Min.	0	0	1	7	8	7	0
A.F.	50	0	220	510	540	490	220
Total 7 Months	- 2030 A.F.						
Acres reported	D-710R-216						

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	89	265	273	247	162
2	0	92	290	247	228	155
3	0	88	300	221	210	149
4	0	92	311	200	194	151
5	0	104	313	200	192	191
6	0	105	305	197	192	195
7	0	103	311	195	179	103
8	0	103	318	189	159	157
9	0	105	318	182	138	164
10	0	104	318	197	120	168
11	0	104	311	219	99	46
12	0	106	314	235	82	0
13	0	104	313	271	119	0
14	0	101	318	285	117	0
15	0	101	313	305	122	0
16	0	103	314	307	128	0
17	16	88	318	305	131	0
18	91	82	307	297	120	0
19	84	22	295	268	117	0
20	83	58	305	235	117	0
21	80	89	307	223	117	0
22	101	47	298	218	115	0
23	122	109	290	227	115	0
24	149	133	288	244	53	0
25	120	140	295	249	0	0
26	113	142	290	249	91	0
27	112	163	290	276	207	0
28	109	157	298	280	188	0
29	108	189	297	300	175	0
30	64	235	295	293	168	0
31	2	---	283	268	---	0
S.F.	1354	3258	9388	7655	4240	1641
Mean	44	109	303	247	141	53
Max.	149	235	318	307	247	195
Min.	0	22	265	182	0	0
A.F.	2690	6460	18620	15180	8410	3250
Total 6 Months	- 54610 A.F.					
Acres reported	D-635-14101					

DAILY DIVERSIONS OF CANALS--1984
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 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	22	67	89	93
2	0	36	88	82	90
3	0	32	105	89	85
4	0	28	111	93	79
5	0	20	90	104	74
6	0	23	80	104	73
7	0	25	92	75	74
8	0	27	95	56	74
9	0	31	93	63	71
10	0	31	92	79	67
11	0	31	87	74	59
12	0	36	95	83	28
13	0	14	96	96	53
14	0	25	107	101	49
15	0	28	103	104	51
16	0	31	108	113	47
17	0	2	115	119	44
18	0	0	114	127	56
19	0	0	117	122	46
20	0	0	119	117	39
21	0	0	119	117	41
22	0	31	119	107	41
23	8	28	118	96	39
24	26	36	117	94	15
25	15	44	120	98	0
26	28	45	117	97	0
27	30	51	115	99	0
28	28	46	108	103	0
29	28	50	104	101	0
30	13	58	110	102	0
31	0	---	105	98	---
S.F.	196	831	3226	3002	1388
Mean	6	28	104	97	46
Max.	35	58	120	127	93
Min.	0	0	67	56	0
A.F.	390	1650	6400	5950	2750
Total 5 Months	- 17140 A.F.				
Acres reported	D-653-7323				

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	26	9	27	16
2	0	0	26	10	26	16
3	0	0	25	17	28	16
4	0	0	26	24	34	16
5	0	0	22	24	28	21
6	0	0	17	25	32	18
7	0	0	20	28	28	17
8	0	0	27	26	25	16
9	0	0	28	27	25	17
10	0	0	27	28	25	16
11	0	0	27	27	26	16
12	0	0	17	28	28	16
13	0	0	17	26	28	17
14	0	0	15	32	30	17
15	0	0	16	33	22	21
16	0	11	7	30	16	8
17	0	8	12	30	5	0
18	0	7	22	30	0	0
19	0	7	25	29	0	0
20	0	8	20	30	7	0
21	0	8	21	32	20	0
22	0	10	19	27	22	0
23	0	12	19	26	20	0
24	0	12	20	26	15	0
25	0	12	22	28	16	0
26	0	13	22	28	16	0
27	0	18	19	20	16	0
28	0	27	20	27	16	0
29	0	30	19	28	16	0
30	0	22	22	27	16	0
31	0	---	19	29	---	0
S.F.	0	205	644	808	613	264
Mean	0	7	21	26	20	9
Max.	0	30	28	33	34	31
Min.	0	0	7	9	0	0
A.F.	0	410	1280	1600	1220	520
Total 6 months -			5030	A.F.		
Acreeage reported			D-646-5351			

DAILY DIVERSIONS OF CANALS--1984
 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 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	65	75	80	78
2	0	78	75	65	79
3	0	72	74	77	76
4	0	70	91	73	74
5	0	63	95	76	73
6	0	65	105	72	73
7	0	65	113	72	73
8	0	65	119	71	75
9	0	68	117	76	76
10	0	67	114	77	65
11	0	69	103	71	38
12	0	72	104	65	51
13	0	67	95	68	54
14	0	65	95	81	62
15	0	65	88	85	61
16	0	68	89	81	71
17	55	43	98	83	62
18	55	16	95	86	64
19	42	8	93	84	63
20	42	3	93	77	61
21	27	2	95	76	61
22	12	1	97	75	61
23	28	48	97	76	61
24	35	58	96	74	31
25	39	60	93	76	3
26	42	62	89	77	0
27	45	66	88	77	0
28	42	62	84	92	0
29	42	61	81	100	0
30	38	77	83	95	0
31	25	---	79	92	---
S.F.	569	1651	2914	2430	1546
Mean	18	55	94	78	52
Max.	55	78	119	100	79
Min.	0	1	74	65	0
A.F.	1130	3270	5780	4820	3070
Total 5 Months -			18070	A.F.	
Acreeage reported			D-662-5439		

DAILY DIVERSIONS OF CANALS--1984
 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 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	7	21	28	30
2	0	10	22	32	29
3	0	12	22	30	35
4	0	11	22	33	32
5	0	12	20	31	31
6	0	11	15	28	23
7	0	11	12	37	22
8	0	11	15	28	23
9	0	11	15	22	24
10	0	11	18	27	22
11	0	11	18	21	10
12	0	11	18	15	7
13	0	11	16	15	14
14	0	11	16	16	15
15	0	11	16	22	15
16	0	11	15	22	11
17	0	10	16	22	11
18	0	10	15	24	12
19	0	8	14	27	12
20	0	0	14	15	10
21	4	0	16	43	9
22	12	4	21	51	9
23	17	12	23	54	9
24	22	21	23	61	10
25	21	21	24	50	7
26	21	20	25	26	2
27	22	20	18	29	5
28	22	21	18	26	5
29	22	21	19	23	2
30	21	21	20	24	0
31	8	---	18	26	---
S.F.	192	362	565	928	446
Mean	6	12	18	30	15
Max.	22	21	25	61	35
Min.	0	0	12	15	0
A.F.	380	720	1120	1840	880
Total 5 Months -			4940	A.F.	
Acreeage reported			D-649-4173		

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 1984
 EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1984, 194 Cubic
 Feet per Second at 1330 on September 4, 1984 at a Gage Height of 2.45 Feet.
 Minimum Daily Discharge, 30 Cubic Feet per Second on January 18, 1984.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	36	40	37	36	42	64	118	158	127	122	51	48
2	38	41	37	37	44	89	114	139	139	118	50	47
3	40	40	38	37	44	86	100	138	142	117	50	46
4	41	40	37	36	44	84	100	148	149	118	49	45
5	39	38	37	36	44	87	108	156	163	128	46	45
6	38	39	37	36	44	89	95	154	154	132	46	42
7	37	38	36	41	46	88	79	178	163	131	47	46
8	36	38	36	41	46	88	78	158	164	121	48	44
9	35	38	36	41	48	89	79	134	154	118	50	43
10	35	37	36	41	47	87	83	130	139	128	48	42
11	35	36	34	41	48	89	94	122	127	108	47	42
12	35	36	34	39	46	98	111	132	114	72	47	42
13	34	37	34	38	44	94	101	126	135	69	46	41
14	35	37	34	38	45	91	102	122	131	68	46	40
15	36	37	33	37	45	90	113	126	143	67	44	41
16	36	38	33	37	44	95	111	114	146	67	45	38
17	35	38	33	36	40	95	99	114	156	65	46	39
18	30	41	32	36	75	84	101	121	147	64	48	40
19	36	40	34	36	106	85	107	140	147	63	49	39
20	37	40	33	37	106	64	98	138	144	63	49	38
21	38	39	34	40	92	79	104	122	144	62	50	38
22	38	39	34	43	90	74	116	113	140	61	50	38
23	38	39	34	44	87	85	119	117	136	61	50	37
24	38	39	34	44	118	108	110	140	138	60	50	36
25	38	41	34	42	119	118	116	139	90	59	50	36
26	38	40	36	43	112	119	130	147	81	57	47	37
27	38	39	36	41	116	123	116	153	126	57	47	38
28	38	38	36	41	107	121	112	127	134	55	46	38
29	40	38	36	43	102	108	131	132	131	56	45	37
30	40	---	36	42	95	122	139	114	127	55	46	37
31	40	---	36	---	69	---	136	119	---	53	---	37
S. F.	1148	1121	1087	1180	2155	2793	3318	4169	4131	2575	1435	1257
Mean	37	39	35	39	70	93	107	134	138	83	48	41
Max.	41	41	38	44	119	123	139	178	164	132	51	48
Min.	30	36	32	36	40	64	78	113	81	53	44	36
A. F.	2280	2220	2160	2340	4270	5540	6580	8270	8190	5110	2850	2490
Total 12 Months	- 52300 A.F.											

SOUTH PLATTE RIVER BASIN

OLIVER RESERVOIR STORAGE IN ACRE-FEET

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

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

Year Ending December 31, 1984
 Period of Record: February 1933 - December 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	2723	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	2332	---	2706	---
6	---	---	---	2791	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	2728
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	2673	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	2210	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	2791	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	2763	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	2580	---	---	---	---	2734
19	---	---	2777	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	2487	---	---	---	---
21	---	2757	---	---	---	---	---	---	2264	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	2836	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	2652	---	---
27	---	---	---	---	---	2626	---	---	---	---	2720	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	2539	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---

Application No. 15524, Plan No. 13432

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 1984

EXTREMES FOR CURRENT YEAR--Maximum Discharge Calendar Year 1984, 34 Cubic Feet per Second at 1200 on May 23, 1984 at a Gage Height of 1.86 Feet.
Minimum Daily Discharge, 0.58 Cubic Feet per Second on October 11-17, 19-22, 1984.

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.7	11	15	16	23	22	4	4.2	3.9	.75	4.8	6.9
2	5.7	11	16	18	26	20	3.2	4.2	3.9	.75	5.4	6.6
3	6.6	11	17	16	26	17	2.5	4.2	3.9	.75	8	6.4
4	6.8	11	17	14	28	16	2.1	4.2	3.9	.82	6.4	6.5
5	8.5	10	16	15	28	16	1.7	4.2	4	.88	5	6.4
6	10	11	14	21	28	17	1.2	4.2	3.9	.82	5.4	6
7	12	11	14	23	24	17	1.1	4.2	3.9	.75	6.3	6
8	13	12	14	22	22	16	.95	4.2	3.9	.75	6.5	6.4
9	15	12	14	20	20	16	1.8	4.2	3.9	.75	7.5	7.1
10	16	13	15	21	19	14	4.7	4.1	3.9	.63	6.9	7.8
11	16	14	15	22	18	14	4.2	4.1	3.9	.58	7.1	8
12	14	12	17	18	16	15	4.4	4.1	3.9	.58	7.4	8.4
13	12	12	16	15	14	21	4.4	4.1	3.9	.58	7.8	8.8
14	12	13	14	13	13	18	4.4	4.1	3.9	.58	8.7	8.4
15	11	14	14	12	12	16	4.5	4.1	3.9	.58	7.6	7.8
16	10	15	14	12	12	15	4.6	4.1	3.9	.58	7.3	7.5
17	10	14	13	12	12	14	4.5	4.2	3.9	.58	7.4	7.4
18	10	15	14	12	15	12	4.5	4.2	3.9	.63	7.6	7.3
19	9.5	13	15	12	20	11	4.5	4.2	3.9	.58	7.6	7.3
20	9.1	12	14	16	25	10	4.5	4.1	3.9	.58	7.5	7.3
21	8.6	13	14	23	30	10	4.5	4	2.6	.58	7.5	7.1
22	8.4	14	14	24	33	9.7	4.5	4	1.4	.58	7.6	6.9
23	8.4	14	16	24	33	8.8	4.5	4	1.3	.63	7.9	6.9
24	8.2	14	16	23	33	8	4.5	4	1.2	.63	8.4	6.9
25	8.2	14	16	23	31	7.8	4.8	4	1.2	.69	9.5	6.5
26	8.7	16	16	23	30	6.4	4.2	4	1.2	.75	12	6.8
27	9.5	16	16	22	30	5.8	4.2	3.9	.88	2.2	8.9	6.9
28	9.8	15	16	18	27	5.4	4.1	3.9	.88	1.7	6	7.1
29	11	14	15	19	28	4.8	4.1	3.9	.88	2.8	6.5	7.3
30	11	---	15	20	26	4.4	5.2	3.9	.82	3.3	6.6	7.4
31	11	---	16	---	26	---	4.6	3.9	---	4.5	---	7.6
S.F.	315.1	377	468	551	728	388.8	117.0	126.7	90.46	31.86	219.1	221.7
Mean	10	13	15	18	23	13	4	4	3	1	7	7
Max.	16	16	17	24	33	22	5.2	4.2	4	4.5	12	8.8
Min.	5.7	10	13	12	12	4.4	.95	3.9	.82	.58	4.8	6
A.F.	620	750	930	1090	1440	770	230	250	180	60	430	440
Total 12 Months -			7190	A.F.								

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	87	18	96	290	119
2	0	93	4	76	290	132
3	0	79	0	76	298	129
4	0	68	0	71	298	129
5	0	93	0	74	302	149
6	0	90	0	177	302	162
7	0	93	60	219	302	200
8	0	99	166	200	307	384
9	0	66	146	192	307	500
10	0	79	132	189	311	425
11	0	71	119	185	311	0
12	0	61	112	181	281	0
13	0	52	103	200	242	0
14	0	54	99	189	234	0
15	0	66	93	204	189	0
16	0	71	93	192	166	0
17	0	61	99	129	149	0
18	302	66	96	103	149	0
19	298	90	192	93	146	0
20	285	122	223	93	155	0
21	277	155	200	119	162	0
22	264	152	166	139	159	0
23	255	116	129	159	155	0
24	242	106	103	196	162	0
25	234	90	82	255	146	0
26	223	88	71	277	129	0
27	211	90	63	277	119	0
28	204	88	66	281	109	0
29	189	68	63	281	109	0
30	170	32	96	281	109	0
31	149	---	112	285	---	0
S.F.	3303	2546	2906	5489	6388	2329
Mean	107	85	94	177	213	75
Max.	302	155	223	285	311	500
Min.	0	32	0	71	109	0
A.F.	6550	5050	5760	10890	12670	4620
Total 6 months -			45540	A.F.		
Acresage reported	A-393	-1145;	A-1804	-800;		
A-4739	-498;	Total	-12443			

SOUTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
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 1984

Table with columns: Date, Jan., Feb., Mar., Apr., May, June, July, Aug., Sept., Oct., Nov., Dec. and rows of monthly diversion data from 1947 to 1984.

DAILY DIVERSIONS OF CANALS--1984
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

Table with columns: STORAGE LEVEL, ELEVATION (Feet), and CONTENT (Acre-Feet). Rows include Maximum Operating Level, Top of Conservation Pool, Top of Dead Storage Pool, and Normal Operating Level.

Year Ending December 31, 1984
Period of Record: October 1936-December 1984

Table with columns: Date, Jan., Feb., Mar., Apr., May, June, July, Aug., Sept., Oct., Nov., Dec. and rows of monthly storage data from 1936 to 1984.

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	790	1110	1665	855	905	900	1570	1535	1735	1760	1710	1710
2	780	1170	1670	850	905	905	1620	1465	1735	1745	1715	1695
3	755	1195	1665	850	905	905	1580	1460	1680	1580	1710	1690
4	715	1235	1675	860	905	900	1580	1590	1675	1465	1710	1700
5	775	1300	1655	890	905	905	1580	1590	1685	1335	1660	1580
6	655	1335	1665	895	905	905	1560	1585	1710	1335	1600	1525
7	720	1365	1655	895	905	905	1320	1595	1680	1160	1600	1520
8	720	1370	1660	900	905	905	1350	1600	1705	905	1630	1525
9	720	1435	1660	900	905	910	1310	1600	1685	920	1640	1525
10	690	1435	1650	895	905	900	1525	1720	1720	950	1715	1520
11	680	1430	1655	890	905	890	1575	1725	1690	1100	1710	1525
12	670	1440	1660	895	905	905	1450	1720	1695	1505	1715	1520
13	640	1435	1785	890	905	905	1445	1720	1710	1720	1725	1525
14	695	1430	1785	900	905	900	1450	1725	1710	1760	1735	1515
15	725	1435	1795	900	900	900	1410	1720	1755	1765	1720	1525
16	795	1505	1795	900	905	1165	1350	1725	1765	1815	1715	1515
17	880	1565	1785	900	905	1470	1255	1730	1765	1830	1705	1515
18	910	1635	1795	895	900	1650	1190	1720	1760	1760	1715	1460
19	805	1680	1380	900	900	1570	1465	1730	1760	1835	1715	1445
20	775	1615	910	900	900	1600	1600	1730	1765	1865	1715	1465
21	740	1570	915	900	900	1485	1585	1730	1770	1755	1745	1445
22	715	1575	915	900	900	1540	1580	1720	1770	1795	1705	1460
23	685	1575	915	900	905	1590	1585	1735	1765	1770	1700	1465
24	700	1575	915	900	900	1590	1580	1730	1775	1825	1705	1450
25	780	1580	915	900	910	1585	1575	1730	1410	1875	1700	1460
26	840	1570	915	900	910	1585	1550	1730	1710	1870	1750	1455
27	870	1625	910	880	905	1590	1520	1730	1720	1865	1825	1455
28	880	1660	915	900	910	1590	1625	1740	1750	1950	1795	1465
29	985	1670	695	865	910	1595	1630	1730	1760	1875	1710	1445
30	980	---	695	905	910	1595	1655	1735	1750	1815	1705	1445
31	1050	---	760	---	905	---	1705	1730	---	1770	---	1455
S.F.	24120	42520	42430	26710	28045	36740	46775	52025	51565	50275	51200	47000
Mean	778	1372	1369	890	905	1225	1509	1678	1719	1622	1707	1516
Max.	1050	1680	1795	905	910	1650	1705	1740	1775	1950	1825	1710
Min.	640	1110	695	850	900	890	1190	1460	1410	905	1600	1445
A.F.	47840	84340	84160	52980	55630	72870	92780	103190	102280	99720	101550	93220
Total 12 Months	---	---	990560	A.F.	---	---	---	---	---	---	---	---

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 1984

Date	May	June	July	Aug.	Sept.
1	48	33	27	19	15
2	44	31	26	18	15
3	48	30	26	19	14
4	42	28	26	19	14
5	42	28	25	19	14
6	45	26	25	19	16
7	46	28	25	19	15
8	39	27	24	19	14
9	35	31	23	19	16
10	35	29	24	19	16
11	32	35	25	19	16
12	31	62	23	18	16
13	31	42	21	18	16
14	33	36	21	18	17
15	33	34	21	18	17
16	33	42	21	19	17
17	33	70	21	18	18
18	33	39	20	18	18
19	33	35	20	18	18
20	33	33	20	18	18
21	33	29	20	18	16
22	33	29	20	21	16
23	32	29	19	18	17
24	31	29	19	18	18
25	32	28	19	18	18
26	32	28	19	18	19
27	34	27	19	18	19
28	35	27	19	18	19
29	33	27	18	17	19
30	32	27	18	15	19
31	32	---	18	15	---
S.F.	1108	999	672	565	500
Mean	36	33	22	18	17
Max.	48	70	27	21	19
Min.	31	26	18	15	14
A.F.	2200	1980	1330	1120	990
Total 5 Months	---	---	7620	A.F.	---

PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF THE NORTH AND SOUTH PLATTE RIVERS NEAR NORTH PLATTE
Period of Record: October 1949 - December 1984

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

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2300	4150	4210	6530	10670	6360	4570	1746	4950	1342	3600	3110
2	2400	4250	4260	6760	10720	8450	4470	1916	5120	1354	3437	3190
3	2300	4100	4180	7070	10770	8390	4010	1727	5350	1342	3640	3280
4	2400	3960	4120	7220	10250	7860	3660	1668	5300	1368	3780	3440
5	2600	4070	4020	7380	10030	7490	3316	1767	5230	1450	4360	3570
6	2700	4200	4070	7300	10030	7210	2858	1692	5100	1456	4240	3610
7	2900	4350	4150	7270	9990	7700	2028	1876	4910	1459	3710	3660
8	3000	4480	4340	7000	9800	8020	1810	1678	4950	1500	3460	3240
9	3300	4680	4450	6800	9730	8410	1699	1470	5000	1789	3420	3360
10	3500	5040	4470	6620	9510	8770	1926	1408	4870	3150	3610	3420
11	3750	5210	4640	6410	9490	8760	2461	1492	4370	3652	3650	3450
12	3850	5130	4680	6388	9630	9310	2140	1314	3560	3357	3880	3300
13	4000	4660	4700	6268	9720	8860	1896	1262	2958	3045	3920	2880
14	4200	4700	4850	6189	9620	8310	1916	1198	2766	2780	4320	2499
15	4200	4700	4840	6320	9430	8110	2026	1305	2630	2789	3640	1967
16	4200	4540	4710	6510	9420	8690	1901	1332	2407	2742	4290	1986
17	3600	4230	4620	6740	8620	8360	1911	1330	2191	2738	4780	1920
18	3400	4260	4640	6650	9620	6650	1717	1402	2085	2677	3800	1870
19	2550	4440	4590	6290	10550	6520	1383	1630	2035	2817	3620	2090
20	2300	4470	4660	6570	11390	4950	1359	1788	1910	3062	3500	2644
21	2400	4360	4500	7930	11560	4956	1486	1915	1888	3091	3400	2714
22	2300	4400	4420	8240	10690	5310	1484	2068	1953	3191	3270	2644
23	2300	4530	4580	7740	10250	7320	1459	2032	1987	3304	3150	2513
24	2350	4350	4710	7670	10480	8770	1464	2034	1972	3281	3130	2528
25	2450	4310	4840	8290	10200	8800	1504	2109	1943	3079	3130	2476
26	2550	4250	4960	8810	9900	8490	1554	2200	1755	2903	3200	2607
27	2750	4110	5090	8990	10120	7660	1384	2719	1617	2921	3220	2507
28	3050	4000	5480	9250	9580	7090	1294	3540	1540	3154	3160	2322
29	3300	4180	5720	9800	9260	5920	1382	3860	1433	3246	3100	2322
30	3550	---	6040	10490	9370	4890	1433	4360	1334	3190	3090	2310
31	3900	---	6270	---	7370	---	1444	4610	---	3340	---	2350
S.F.	94350	128110	145810	221495	307770	226386	64945	62448	95114	80569	108507	85779
Mean	3044	4418	4704	7383	9928	7546	2095	2014	3170	2599	3617	2767
Max.	4200	5210	6270	10490	11560	9310	4570	4610	5350	3652	4780	3660
Min.	2300	3960	4020	6189	7370	4890	1294	1198	1334	1342	3090	1870
A.F.	187140	254100	289210	439330	610450	449030	128820	123860	188660	159810	215220	170140
Total 12 Months --	3215770 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 1984

Date	May	June	July	Aug.	Sept.
1	73	12	11	5	7
2	65	12	11	4	7
3	73	11	10	4	7
4	67	11	11	4	6
5	69	11	11	7	5
6	69	12	11	6	4
7	71	12	10	5	4
8	58	12	9	6	4
9	44	13	8	6	4
10	33	14	9	5	5
11	32	12	10	5	4
12	28	32	10	5	3
13	27	51	10	5	4
14	24	32	7	4	4
15	22	21	7	4	4
16	21	33	7	4	4
17	18	47	7	3	5
18	18	37	7	3	5
19	18	29	7	3	5
20	18	19	7	3	5
21	18	16	7	6	5
22	18	13	7	6	5
23	16	19	7	6	5
24	11	31	7	6	5
25	12	20	7	6	6
26	13	14	7	6	6
27	16	14	7	6	6
28	17	11	7	6	7
29	19	12	7	6	7
30	15	12	5	6	7
31	14	---	4	5	---
S.F.	1017	595	252	157	155
Mean	33	20	8	5	5
Max.	73	51	11	7	7
Min.	11	11	4	3	3
A.F.	2020	1180	500	310	310
Total 5 Months -	4320 A.F.				

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	640	1877	2109	2145	1721	1934	2127	2224	2246	2200	2041	1925
2	987	2053	2105	2147	1787	1962	2129	2214	2250	2201	2016	1916
3	1135	2101	2097	2126	1825	1957	2120	2205	2243	2203	2051	1928
4	1378	2110	2092	2131	1802	1948	2114	2217	2242	2212	2059	1910
5	1440	2119	2076	2105	1810	1945	2128	2236	2222	2210	2043	1421
6	1564	2108	2086	2096	1820	1950	2162	2246	2237	2195	2048	854
7	1667	2117	2089	2062	1816	1956	2168	2285	2221	2193	1989	908
8	1767	2114	2074	2008	1831	1965	2180	2274	2221	2193	1936	1596
9	1764	2120	2076	1966	1856	2013	2167	2270	2184	2232	1945	1875
10	1660	2151	2068	1954	1845	2028	2179	2289	2215	2226	1934	1959
11	1519	2136	2050	1918	1847	2051	2178	2288	2186	2205	1946	1967
12	1742	2143	2068	1921	1867	2040	2185	2262	2178	2171	1938	1912
13	1670	2159	2043	1904	1847	2050	2193	2239	2205	2116	1959	1896
14	1587	2178	2028	1887	1855	2068	2203	2194	2229	2107	1933	844
15	1334	2169	2104	1912	1876	2085	2186	2236	2240	1968	1892	944
16	1434	2138	2120	1904	1885	2094	2162	2206	2224	1864	1936	1710
17	1483	2124	2110	1894	1891	2086	2183	2233	2237	1876	1936	1510
18	1242	2143	2114	1858	1890	2090	2177	2258	2250	1877	1916	735
19	1376	2093	2117	1856	1898	2094	2170	2243	2249	1881	1952	709
20	1357	2127	2123	1894	1907	2076	2187	2251	2248	1884	1937	654
21	1315	2137	2130	1858	1919	2091	2184	2240	2229	1928	1938	840
22	1420	2142	2155	1824	1888	2104	2182	2234	2223	1980	1927	1157
23	1434	2140	2166	1793	1900	2128	2188	2229	2221	1999	1917	1436
24	1464	2132	2151	1792	1918	2131	2168	2214	2225	2042	1899	846
25	1490	2126	2162	1768	1896	2134	2205	2249	2197	2030	1917	527
26	1665	2127	2142	1727	1902	2134	2196	2250	2229	2048	1900	786
27	1869	2098	2133	1739	1916	2150	2198	2260	2231	2052	1899	1553
28	1832	2086	2132	1740	1896	2136	2218	2253	2201	2068	1921	1810
29	1740	2115	2124	1752	1912	2138	2222	2266	2226	2044	1947	2004
30	1736	---	2126	1749	1925	2124	2229	2252	2222	2016	1926	2040
31	1798	---	2147	---	1926	---	2218	2252	---	2063	---	1122
S.F.	46509	61383	65317	57430	57874	61662	67506	69569	66731	64284	58598	43294
Mean	1500	2117	2107	1914	1867	2055	2178	2244	2224	2074	1953	1397
Max.	1869	2178	2166	2147	1926	2150	2229	2289	2250	2232	2059	2040
Min.	640	1877	2028	1727	1721	1934	2114	2194	2178	1864	1892	527
A.F.	92250	121750	129550	113910	114790	122300	133900	137990	132360	127510	116230	85870
Total 12 Months	--- 1428410 A.F.											
Acreage Reported A-2355-89580, A-1853R-5233, 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-119489												

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 - Septembe

Date	May	June	July	Aug.	Sept.
1	9900	5360	4040	1080	4450
2	9880	7420	3990	1180	4620
3	9900	7370	3500	1000	4800
4	9400	6840	3150	1060	4750
5	9170	6480	2790	1140	4710
6	9160	6190	2280	1050	4590
7	9130	6680	1200	1200	4380
8	8910	6990	1000	1020	4450
9	8810	7340	865	819	4520
10	8610	7670	1300	858	4390
11	8580	7630	1880	948	3890
12	8700	8240	1430	790	3090
13	8810	7760	1170	761	2480
14	8700	7180	1180	747	2250
15	8490	6960	1270	807	2160
16	8470	7800	1110	870	1960
17	7670	7810	1000	845	1740
18	8660	6250	750	882	1610
19	9590	6030	698	1140	1560
20	10420	4510	792	1280	1440
21	10570	4380	907	1420	1440
22	9740	4780	902	1580	1520
23	9290	6810	875	1560	1550
24	9490	8260	895	1570	1540
25	9250	8280	893	1610	1170
26	8940	7970	927	1700	1260
27	9140	7130	725	2210	1120
28	8630	6570	720	3040	1110
29	8290	5400	808	3340	986
30	8390	4390	877	3860	881
31	6380	---	949	4100	---
S.F.	279070	202480	44873	45467	80417
Mean	9002	6749	1448	1467	2681
Max.	10570	8280	4040	4100	4800
Min.	6380	4380	698	747	881
A.F.	553530	401610	89000	90180	159500
Total 5 Months	--- 1293820 A.F.				

PLATTE RIVER BASIN

JEFFREY RESERVOIR STORAGE IN ACRE-FEET

From Platte River--NE1/4NE/14, Sec. 4-11-27 W. Near Brady.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acres-Feet)
Normal operating level	2758.0	11,500
Top of dead storage pool	2734.2	6,350

Year Ending December 31, 1984

Period of published record: October 1977-December 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	624	5292	5347	4462	5677	5402	5347	5567	5622	5402	5072	5347
2	2517	5512	5402	4612	5622	5347	5402	5622	5622	5182	5017	5512
3	3059	5732	5347	4712	5457	5292	5457	5622	5677	4862	4862	5567
4	3439	5732	5292	4612	5072	5292	5567	5622	5732	4712	4862	5072
5	3543	5677	5182	4512	5347	5347	5512	5622	5622	4712	4712	4862
6	3819	5622	5182	4262	5347	5402	5402	5622	5677	4612	4612	3629
7	4212	5567	5237	4112	5457	5622	5512	5567	5567	4412	4662	3484
8	4712	5512	5127	4212	5347	5567	5567	5457	5512	4212	4712	3344
9	4812	5457	4962	4712	5512	5622	5622	5512	5402	4212	5237	4212
10	4812	5457	4912	5292	5457	5567	5677	5457	5347	4212	5237	5237
11	4762	5457	4862	5457	5347	5622	5677	5402	5347	4062	5237	5237
12	4712	5457	4762	5402	5292	5732	5622	5622	5402	3582	5402	5072
13	4462	5347	5127	5127	5237	5677	5512	5457	5347	3914	5567	5072
14	4212	5347	5347	5017	5072	5512	5457	5457	5347	3867	5237	3629
15	4012	5402	5237	5017	5072	5567	5402	5402	5402	3677	4812	3772
16	3962	5347	5182	5072	5127	5677	5402	5402	5567	3629	4862	4712
17	4312	5237	5127	5182	5127	5732	5402	5457	5567	3914	4862	5237
18	3914	5292	5072	5182	5237	5567	5457	5457	5567	3582	5017	4412
19	3772	5127	5017	5127	5182	5567	5512	5567	5567	3582	5347	4062
20	3439	5127	4912	5182	5182	5512	5567	5677	5567	2877	5402	3629
21	3202	5017	4862	5402	5182	5457	5622	5677	5512	3582	5347	3772
22	3154	5017	4862	5182	5292	5402	5677	5622	5512	3297	5567	4912
23	3202	4962	4962	4912	5182	5402	5677	5567	5512	3439	5567	5567
24	3344	4912	5017	4712	5127	5402	5677	5457	5512	3154	5567	4912
25	3677	4962	5017	4712	5237	5402	5622	5402	5512	3154	5567	4112
26	3962	5072	5072	4812	5237	5402	5567	5347	5402	3439	5347	4212
27	4262	5182	5127	4762	5292	5457	5622	5567	5182	3582	5072	4762
28	4562	5127	4912	4862	5347	5457	5567	5512	5402	3962	4972	4712
29	4912	5182	4662	4962	5402	5402	5567	5512	5347	4562	5017	4712
30	4962	---	4512	5677	5347	5402	5567	5567	5402	5072	5182	4762
31	5127	---	4512	---	5347	---	5567	5622	---	5072	---	4112

DAILY DIVERSIONS OF CANALS--1984

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 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	185	0	0	0	283	0	347	0	401	786	786
2	0	238	0	0	0	15	0	235	0	587	780	798
3	0	352	0	0	0	0	0	208	0	600	795	783
4	0	515	0	0	0	0	0	281	0	602	798	807
5	0	515	0	0	0	0	0	287	0	605	801	581
6	0	495	0	0	0	0	0	204	0	608	792	657
7	0	490	0	0	0	0	0	194	0	613	780	389
8	0	498	0	0	0	0	0	229	0	660	792	485
9	0	471	0	0	0	0	0	233	0	738	795	498
10	0	256	0	0	0	0	0	369	0	772	795	587
11	0	0	0	0	0	0	0	442	0	772	804	810
12	0	0	0	0	0	0	0	396	0	766	801	807
13	0	0	0	0	0	0	43	347	0	769	807	810
14	0	0	0	0	0	0	108	454	0	775	775	816
15	0	0	0	0	0	0	27	502	0	795	769	297
16	0	0	0	0	0	0	64	437	0	795	798	222
17	0	0	0	0	0	0	123	410	0	801	795	371
18	0	0	0	0	0	0	259	435	0	778	795	318
19	0	0	0	0	0	0	532	412	0	766	789	222
20	0	0	0	0	0	0	550	226	0	789	786	155
21	0	0	0	0	0	0	522	202	0	786	792	36
22	0	0	0	0	0	0	428	59	0	792	795	0
23	0	0	0	0	0	0	326	0	0	792	789	0
24	0	0	0	0	0	0	347	0	0	789	775	0
25	0	0	0	0	0	0	295	0	0	786	769	0
26	0	0	0	0	0	0	391	0	0	798	772	0
27	0	0	0	0	0	0	387	0	0	789	761	0
28	0	0	0	0	0	0	522	0	0	795	786	0
29	0	0	0	0	0	0	517	0	0	778	720	0
30	0	---	0	0	0	0	454	0	0	780	801	0
31	78	---	0	---	0	---	380	0	---	783	---	0
S. F.	78	4015	0	0	0	298	6275	6909	0	22660	23593	11345
Mean	3	138	0	0	0	10	202	223	0	731	786	366
Max.	78	515	0	0	0	283	550	502	0	801	807	816
Min.	0	0	0	0	0	0	0	0	0	401	720	0
A. F.	150	7960	0	0	0	590	12450	13700	0	44950	46800	22500
Total 12 Months	- 149100 A.F.											

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 1984

Date	Apr.	May	June	July	Aug.	Sept.
1	0	44	132	561	914	798
2	0	44	134	585	946	779
3	0	46	132	750	946	739
4	0	53	138	735	890	656
5	0	53	142	802	820	602
6	0	44	140	602	809	578
7	0	26	156	605	798	538
8	0	25	164	605	824	450
9	0	25	168	706	855	377
10	0	25	192	802	874	303
11	0	25	214	898	866	265
12	0	25	216	934	847	216
13	0	25	238	934	878	150
14	0	27	214	934	906	44
15	0	39	203	966	906	0
16	0	47	172	990	934	0
17	0	47	162	1036	942	0
18	0	46	158	1052	918	0
19	0	46	158	1036	898	0
20	0	45	166	1015	866	0
21	0	56	209	982	832	0
22	0	73	226	946	802	0
23	0	91	270	894	802	0
24	0	89	306	862	809	0
25	0	89	330	906	724	0
26	0	89	346	946	674	0
27	0	89	343	954	663	0
28	0	87	400	930	685	0
29	0	102	474	894	750	0
30	8	114	557	890	817	0
31	---	123	---	394	843	---
S.F.	8	1759	6860	25946	26038	6495
Mean	0	57	229	837	840	217
Max.	8	123	557	1052	946	798
Min.	0	25	132	394	663	0
A.F.	20	3490	13610	51460	51650	12880
Total 6 Months						

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	46	94	311	265
2	0	40	116	309	256
3	0	48	131	287	256
4	0	45	131	254	235
5	0	44	137	252	202
6	0	40	152	256	178
7	0	39	185	269	52
8	0	40	190	277	0
9	0	42	213	283	0
10	0	47	267	297	0
11	0	47	259	297	0
12	0	15	273	279	0
13	0	0	279	289	0
14	0	0	281	297	0
15	0	0	289	289	0
16	0	0	285	299	0
17	0	0	289	299	0
18	0	0	291	299	0
19	0	0	285	297	0
20	0	0	299	297	0
21	0	0	305	295	0
22	0	0	293	289	0
23	0	0	295	295	0
24	0	18	328	301	0
25	0	58	328	289	0
26	0	46	315	287	0
27	0	59	297	303	0
28	0	72	307	306	0
29	43	78	320	299	0
30	67	87	320	295	0
31	63	---	326	273	---
S.F.	173	910	7880	8968	1444
Mean	6	30	254	289	48
Max.	67	87	328	311	265
Min.	0	0	94	252	0
A.F.	340	1800	15630	17790	2860
Total 5 months				38420	A.F.
Acres reported				A-1853-19172; A-1976-3392; A-2077-320; Total-22884	

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	68	97	330	218
2	0	80	120	322	218
3	0	82	135	324	218
4	0	84	182	318	206
5	0	84	235	313	211
6	0	79	265	309	201
7	8	85	267	307	206
8	60	91	281	309	201
9	34	95	307	301	201
10	33	99	299	301	173
11	33	102	330	301	115
12	32	13	334	301	79
13	43	0	332	301	80
14	69	8	339	305	75
15	69	15	332	313	71
16	72	10	332	315	64
17	76	0	324	322	41
18	79	0	326	315	15
19	85	0	326	315	3
20	95	3	328	309	0
21	103	12	328	309	0
22	91	15	328	307	0
23	82	35	332	289	0
24	84	47	337	293	0
25	89	52	332	285	0
26	90	52	332	281	0
27	89	50	328	277	0
28	86	46	328	287	0
29	80	53	328	297	0
30	85	69	324	277	0
31	84	---	334	231	---
S.F.	1751	1429	9122	9364	2596
Mean	56	48	294	302	87
Max.	103	102	339	330	218
Min.	0	0	97	231	0
A.F.	3470	2830	18090	18570	5150
Total 5 Months				48110	A.F.
Acres reported				D-645b-16124, D-645bR-720, A-3716-996, A-11798-91, A-15580-56, A-15870-13, A-15992-13, Total-18266	

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	1	0	22	31
2	0	1	0	23	29
3	0	1	0	23	28
4	0	1	0	14	24
5	0	1	0	17	14
6	0	1	0	17	9
7	0	1	0	13	8
8	0	1	0	20	6
9	0	1	0	17	5
10	0	1	0	17	5
11	0	1	10	20	4
12	0	1	20	26	3
13	0	1	17	17	1
14	0	1	16	18	0
15	0	1	14	23	0
16	0	1	16	26	0
17	0	1	15	23	0
18	0	1	16	18	0
19	0	1	16	20	0
20	0	1	18	23	0
21	0	1	29	24	0
22	1	0	29	16	0
23	2	0	26	16	0
24	2	1	26	15	0
25	2	1	29	15	0
26	2	1	30	19	0
27	2	1	29	23	0
28	2	1	28	32	0
29	2	1	27	38	0
30	2	1	26	30	0
31	2	---	21	26	---
S.F.	19	28	458	651	167
Mean	1	1	15	21	6
Max.	2	1	30	38	31
Min.	0	0	0	13	0
A.F.	40	60	910	1290	330
Total 5 months				2630	A.F.
Acres reported				D-680R-1288	

DAILY DIVERSIONS OF CANALS--1984
 COZAD CANAL from Platte River--Measured through
 Parshall flume--SE1/4SE1/4 Sec. 16-11-25 W. near Gothenburg
 Period of Record: June 1918 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	7	51	237	182
2	0	11	57	237	165
3	0	20	79	237	157
4	0	20	109	235	147
5	0	19	109	229	110
6	0	18	112	227	0
7	0	18	117	227	0
8	0	23	49	227	0
9	0	26	0	227	0
10	0	28	24	227	0
11	0	30	194	227	0
12	0	4	204	227	0
13	0	0	227	231	0
14	0	0	235	231	0
15	0	0	235	229	0
16	0	0	233	229	0
17	23	0	239	229	0
18	49	0	244	229	0
19	41	9	246	229	0
20	34	24	246	229	0
21	27	26	248	227	0
22	27	27	248	229	0
23	23	41	244	229	0
24	23	49	242	227	0
25	23	49	242	227	0
26	23	49	242	229	0
27	23	49	241	229	0
28	21	46	239	224	0
29	18	46	239	218	0
30	18	47	239	215	0
31	17	---	239	220	---
S.F.	390	684	5673	7074	761
Mean	13	23	183	228	25
Max.	49	49	248	237	182
Min.	0	0	0	215	0
A.F.	770	1360	11250	14030	1510
Total 5 Months	- 28920 A.F.				
Acreage reported	D-626-16582				

DAILY DIVERSIONS OF CANALS--1984
 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 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	23	66	66
2	0	0	19	66	56
3	0	0	52	67	50
4	0	0	53	67	41
5	0	0	43	70	36
6	0	0	36	67	34
7	0	0	19	64	32
8	0	0	0	66	13
9	0	0	0	87	0
10	0	0	2	70	0
11	0	0	11	71	0
12	1	0	12	70	0
13	9	0	14	66	0
14	12	0	43	64	0
15	11	0	71	66	0
16	9	0	67	61	0
17	9	0	64	60	0
18	7	0	67	62	0
19	9	0	71	64	0
20	11	0	70	71	0
21	16	0	71	67	0
22	17	0	68	64	0
23	17	0	62	62	0
24	16	0	64	64	0
25	19	0	64	65	0
26	19	0	68	67	0
27	20	0	71	66	0
28	22	5	66	72	0
29	20	29	67	83	0
30	14	18	68	83	0
31	11	---	68	74	---
S.F.	269	52	1474	2092	328
Mean	9	2	48	67	11
Max.	22	29	71	83	66
Min.	0	0	0	60	0
A.F.	530	100	2920	4150	650
Total 5 Months	- 8350 A.F.				
Acreage reported	D-627-5975				

DAILY DIVERSIONS OF CANALS--1984
 DAWSON COUNTY CANAL from Platte River--Measured through
 Parshall flume--NW1/4NW1/4 Sec. 18-10-23 W. near Cozad
 Period of Record: July 1918 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	73	136	424	356
2	0	61	157	413	349
3	0	84	189	394	324
4	0	79	124	394	339
5	0	70	95	397	312
6	0	61	30	384	292
7	0	60	0	369	258
8	0	65	0	389	258
9	0	72	0	379	260
10	0	73	45	365	258
11	0	89	132	389	249
12	0	65	214	389	232
13	0	39	296	379	216
14	0	62	349	387	181
15	0	70	339	382	162
16	0	60	365	400	153
17	0	70	374	384	141
18	0	63	382	387	130
19	0	45	418	394	53
20	0	60	445	407	14
21	0	76	440	394	6
22	0	82	448	384	0
23	0	88	437	379	0
24	0	104	429	376	0
25	0	112	450	382	0
26	0	110	450	365	0
27	0	107	453	346	0
28	0	104	440	342	0
29	4	98	450	354	0
30	95	95	445	364	0
31	101	---	429	365	---
S.F.	200	2297	8961	11857	4543
Mean	6	77	289	382	151
Max.	101	112	453	424	356
Min.	0	39	0	342	0
A.F.	400	4560	17770	23520	9010
Total 5 Months	- 55260 A.F.				
Acreage reported	D-621-296, D-622-27520, D-624-1400, A-2039-1640, A-2110-1312, A-2145-0, A-2262-410, A-12968-0, A-14008-175, A-15184-120, A-15507-120, Total-33073				

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY
 DRAIN NO. 2 NEAR DARR--SE1/4NE1/4 SEC. 25-10-23 W.
 Period of Record: October 1932 - September 1984

Date	May	June	July	Aug.	Sept.
1	13	9	8	24	14
2	14	8	8	20	13
3	3	9	8	20	13
4	20	10	10	19	13
5	15	9	10	17	13
6	29	9	10	14	11
7	46	9	10	16	12
8	33	9	9	23	9
9	28	7	9	20	9
10	25	7	10	19	9
11	21	6	10	23	9
12	21	10	12	24	12
13	18	17	22	23	9
14	15	26	26	20	5
15	15	18	26	21	5
16	12	18	26	13	5
17	11	26	28	13	5
18	12	35	35	14	5
19	11	21	29	16	5
20	11	16	32	14	5
21	12	13	23	21	4
22	12	12	26	18	4
23	11	10	22	20	4
24	10	11	22	19	4
25	10	12	22	17	4
26	10	12	28	14	4
27	10	13	27	16	4
28	10	11	27	13	4
29	10	9	30	13	4
30	9	8	29	15	4
31	9	---	31	16	---
S.F.	486	390	625	555	221
Mean	16	13	20	18	7
Max.	46	35	35	24	14
Min.	3	6	8	13	4
A.F.	960	770	1240	1100	440
Total 5 months	- 4510 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 1984

Date	May	June	July	Aug.	Sept.
1	106	39	56	100	58
2	95	37	56	95	62
3	104	37	55	94	66
4	139	38	271	94	55
5	103	41	283	99	68
6	138	38	140	108	65
7	137	39	80	85	59
8	179	37	68	72	61
9	124	34	57	62	62
10	88	33	46	65	66
11	73	32	48	73	57
12	63	56	53	79	62
13	55	244	53	80	56
14	48	390	72	72	56
15	43	375	64	67	54
16	39	280	90	62	56
17	36	258	86	62	56
18	46	235	73	61	55
19	101	266	57	70	44
20	85	221	61	81	39
21	70	120	64	78	38
22	64	90	66	96	25
23	57	79	70	95	15
24	54	77	60	93	10
25	50	74	70	84	8
26	49	67	75	95	6
27	47	75	81	94	5
28	42	71	92	82	5
29	39	62	101	57	5
30	39	56	100	47	5
31	37	---	100	46	---
S.F.	2350	3501	2666	2448	1279
Mean	76	117	86	79	43
Max.	179	390	283	108	68
Min.	36	32	46	46	5
A.F.	4660	6940	5290	4860	2540
Total 5 Months	- 24290 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 1984

Date	May	June	July	Aug.	Sept.
1	28	22	40	48	28
2	28	19	34	40	29
3	28	43	23	40	30
4	26	80	63	40	45
5	24	54	245	44	57
6	32	81	329	43	57
7	43	81	265	45	70
8	32	76	144	51	74
9	40	59	61	43	56
10	47	52	43	43	40
11	40	45	31	53	71
12	26	81	16	49	79
13	22	216	16	52	83
14	19	500	87	73	77
15	17	567	114	70	80
16	16	600	112	69	64
17	17	510	96	73	53
18	20	189	79	41	53
19	36	369	75	59	51
20	33	500	59	62	50
21	62	131	64	80	52
22	58	54	62	123	23
23	40	38	59	129	16
24	37	40	62	123	16
25	38	43	69	125	8
26	40	21	47	135	8
27	40	49	41	147	5
28	32	58	43	145	4
29	26	67	41	133	1
30	22	56	15	98	1
31	19	---	44	50	---
S.F.	1008	4721	2479	2326	1278
Mean	33	157	80	75	43
Max.	62	600	329	147	83
Min.	16	19	15	40	1
A.F.	2000	9360	4920	4610	2530
Total 5 Months	- 23420 A.F.				

DISCHARGE IN SECOND-FEET OF ELM CREEK
near Elm Creek--SE1/4NW1/4 Sec. 33-9-18 W.

Period of Record:
October 1932 - September 1960, May 1962 - September 1984

Date	May	June	July	Aug.	Sept.
1	19	0	13	7	6
2	20	0	14	6	8
3	26	0	20	7	12
4	0	0	65	11	9
5	0	0	40	17	8
6	0	0	20	14	6
7	0	0	7	12	8
8	0	0	6	14	5
9	0	0	5	12	5
10	0	0	6	13	5
11	0	0	8	8	9
12	0	0	9	12	10
13	0	50	10	18	13
14	0	35	20	16	12
15	0	15	8	9	15
16	0	11	9	14	15
17	0	17	11	8	15
18	0	26	7	7	14
19	3	23	8	7	14
20	1	5	6	12	15
21	0	5	10	34	10
22	0	6	13	25	0
23	0	13	19	14	0
24	0	13	14	14	0
25	0	14	10	13	0
26	0	14	11	12	0
27	0	18	8	16	0
28	0	13	10	12	0
29	0	12	14	7	0
30	0	12	17	6	0
31	0	---	15	6	---
S.F.	69	302	433	383	214
Mean	2	10	14	12	7
Max.	26	50	65	34	15
Min.	0	0	5	6	0
A.F.	140	600	860	760	420
Total 5 Months	- 2780 A.F.				

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
 KEARNEY CANAL for Power and Irrigation from Platte River
 Measured through Parshall flume--NW1/4SW1/4 Sec. 3-8-18 W. near Elm Creek
 Period of Record:
 May 1919 - September 1919, May 1921 - December 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	15	195	203	294	349	298	324	0
2	0	0	0	0	16	189	191	296	349	250	322	0
3	0	0	0	0	16	189	201	296	344	210	320	0
4	0	0	0	0	16	195	254	308	346	160	310	0
5	0	0	0	0	16	195	230	310	349	154	298	0
6	0	0	0	0	16	191	212	310	346	260	303	0
7	0	0	0	0	15	189	209	312	344	260	317	0
8	0	0	0	0	14	193	209	317	342	312	310	0
9	0	0	0	0	15	193	230	332	342	301	298	0
10	0	0	0	0	51	195	263	329	354	292	298	0
11	0	0	0	0	141	191	256	322	352	285	296	0
12	0	0	0	0	139	195	317	301	356	296	303	0
13	0	0	0	0	100	222	327	303	354	312	305	0
14	0	0	0	0	38	251	324	301	339	334	315	0
15	0	0	0	0	28	249	310	294	322	292	308	0
16	0	0	0	0	27	249	298	292	308	272	285	0
17	0	0	0	0	27	251	296	292	312	283	280	0
18	0	0	0	0	26	251	298	289	359	280	303	0
19	0	0	0	0	26	249	287	287	356	276	230	0
20	0	0	0	0	26	238	283	285	359	260	33	0
21	0	0	0	0	56	232	278	301	354	265	0	0
22	0	0	0	0	134	216	280	320	349	296	0	0
23	0	0	0	0	153	209	292	324	349	294	0	0
24	0	0	0	0	157	214	292	339	352	287	0	0
25	0	0	0	0	173	220	287	324	354	287	0	0
26	0	0	0	0	175	230	287	317	356	283	0	0
27	0	0	0	0	175	236	287	317	354	276	0	0
28	0	0	0	0	177	234	294	310	349	283	0	0
29	0	0	0	0	203	230	294	322	339	322	0	0
30	0	---	0	6	199	216	292	339	336	327	0	0
31	0	---	0	---	195	---	294	354	---	327	---	0
S.F.	0	0	0	6	2565	6507	8375	9637	10374	8634	5758	0
Mean	0	0	0	0	83	217	270	311	346	279	192	0
Max.	0	0	0	6	203	251	327	354	359	334	324	0
Min.	0	0	0	0	14	189	191	285	308	154	0	0
A.F.	0	0	0	10	5090	12910	16610	19110	20580	17130	11420	0
Total 12 Months	- 102860 A.F.											

DAILY DIVERSION OF CANALS--1984
 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 - October 1984

Date	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	15	2	1	77	20	5
2	0	16	0	2	74	14	0
3	0	16	3	26	81	0	0
4	0	16	2	1	76	5	0
5	0	16	0	0	64	7	0
6	0	16	3	0	73	6	0
7	0	15	7	19	69	22	0
8	0	14	3	22	71	1	0
9	0	15	0	51	72	2	0
10	0	51	5	46	73	4	0
11	0	141	1	43	85	0	0
12	0	139	0	85	58	44	0
13	0	100	20	62	74	306	0
14	0	38	3	50	79	22	0
15	0	28	0	46	76	0	0
16	0	27	0	53	74	0	0
17	0	27	4	59	78	0	0
18	0	26	0	66	74	0	0
19	0	26	0	65	67	0	0
20	0	26	0	80	62	0	0
21	0	56	0	35	40	0	0
22	0	134	4	53	30	0	0
23	0	153	10	63	44	0	0
24	0	39	14	59	80	37	0
25	0	6	8	55	48	61	0
26	0	2	12	58	56	54	0
27	0	0	11	56	58	50	0
28	0	2	7	58	62	65	0
29	0	64	2	62	58	42	0
30	6	0	0	63	69	37	0
31	---	0	---	72	69	---	---
S.F.	6	1224	121	1411	2051	799	5
Mean	0	39	4	46	66	27	0
Max.	6	153	20	85	81	106	5
Min.	0	0	1	0	30	0	0
A.F.	10	2430	240	2800	4070	1580	10
Total 7 Months	- 11140 A.F.						

Acreage reported D-1023-3611, A-8399-1676, A-9844-808, A-10168-0, A-10871-300, A-14859-160, Total-6555

DAILY DIVERSIONS OF CANALS--1984
 KEARNEY POWER RETURN to Platte River
 Measured in section of canal--NE1/4NE1/4 Sec. 3-8-16 W. in Kearney
 Period of Record: October 1939 - December 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	0	179	187	201	305	271	311	0
2	0	0	0	0	0	176	175	206	310	264	298	0
3	0	0	0	0	0	172	162	199	319	329	299	0
4	0	0	0	0	0	179	234	215	316	349	297	0
5	0	0	0	0	0	181	232	228	317	320	288	0
6	0	0	0	0	0	174	199	219	315	275	284	0
7	0	0	0	0	0	168	176	225	298	266	305	0
8	0	0	0	0	0	176	173	228	316	285	296	0
9	0	0	0	0	0	179	166	241	315	306	281	0
10	0	0	0	0	0	176	201	237	324	301	282	0
11	0	0	0	0	0	176	197	238	328	289	282	0
12	0	0	0	0	0	210	215	225	289	305	288	0
13	0	0	0	0	0	187	245	212	44	319	282	0
14	0	0	0	0	0	230	254	206	293	341	292	0
15	0	0	0	0	0	234	244	202	319	345	286	0
16	0	0	0	0	0	233	227	202	310	296	254	0
17	0	0	0	0	0	229	219	198	298	301	268	0
18	0	0	0	0	0	237	215	199	336	308	282	0
19	0	0	0	0	0	237	206	204	347	305	289	0
20	0	0	0	0	0	228	207	207	342	271	112	0
21	0	0	0	0	0	219	207	242	336	266	48	0
22	0	0	0	0	0	196	210	268	336	284	8	0
23	0	0	0	0	0	184	212	259	338	288	0	0
24	0	0	0	0	109	185	216	240	292	286	0	0
25	0	0	0	0	155	196	215	256	271	275	0	0
26	0	0	0	0	160	202	212	242	280	268	0	0
27	0	0	0	0	166	208	214	240	282	275	0	0
28	0	0	0	0	162	210	218	230	263	270	0	0
29	0	---	0	0	129	211	215	244	275	297	0	0
30	0	---	0	0	186	203	212	250	277	306	0	0
31	0	---	0	---	186	---	206	264	---	308	---	0
S. F.	0	0	0	0	1253	5975	6471	7027	8991	9168	5632	0
Mean	0	0	0	0	40	199	209	227	300	295	188	0
Max.	0	0	0	0	186	237	254	268	347	349	311	0
Min.	0	0	0	0	0	168	162	198	44	264	0	0
A. F.	0	0	0	0	2490	11850	12840	13940	17830	18190	11170	0
Total 12 months -	88310 A.F.											

(LOUP RIVER)

DAILY DIVERSIONS OF CANALS--1984
 SARGENT CANAL from Middle Loup River--Measured through
 10-foot Parshall flume--NW1/4NE1/4 Sec. 32-21-21 W. near Milburn
 Period of Record: April 1957 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	89	238	208
2	0	0	112	186	188
3	0	0	128	147	186
4	0	0	145	138	180
5	0	0	172	137	158
6	0	0	192	148	133
7	0	0	196	198	119
8	0	0	195	228	99
9	0	0	201	236	94
10	0	0	221	236	77
11	0	0	239	219	63
12	0	0	248	215	41
13	0	0	247	215	31
14	0	0	248	215	7
15	0	0	247	210	0
16	0	0	256	216	0
17	0	0	257	193	0
18	0	0	257	179	0
19	0	53	256	174	0
20	0	64	246	143	0
21	0	83	238	81	0
22	0	51	238	49	0
23	0	46	251	54	0
24	0	45	252	57	0
25	0	41	244	55	0
26	0	42	224	56	0
27	0	49	221	84	0
28	0	61	215	152	0
29	0	69	213	220	0
30	0	83	209	238	0
31	0	---	225	233	---
S. F.	0	657	6682	5150	1584
Mean	0	22	216	166	53
Max.	0	83	257	238	208
Min.	0	0	89	49	0
A. F.	0	1300	13250	10210	3140
Total 5 Months -	27900 A.F.				

Acres reported A-4841a-13828,
 A-10260c-Supp, A-12433-67, A-12632-
 56, A-15029-70, Total-14021

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	18	9	34	38
2	0	17	10	24	30
3	0	16	19	21	27
4	0	15	25	20	26
5	0	14	27	20	28
6	0	13	29	16	31
7	0	12	30	33	32
8	0	11	31	39	32
9	0	11	33	38	32
10	0	10	34	39	29
11	0	10	38	42	21
12	0	10	45	43	19
13	0	10	47	43	16
14	0	10	46	44	15
15	0	10	49	46	14
16	0	10	48	44	14
17	0	10	49	44	13
18	0	10	48	44	14
19	0	10	47	41	13
20	0	11	48	40	13
21	0	10	49	40	13
22	0	9	48	26	13
23	0	8	48	22	13
24	0	8	49	20	13
25	0	9	48	19	13
26	0	9	48	18	6
27	0	9	48	27	0
28	0	9	47	37	0
29	14	9	47	38	0
30	21	9	45	46	0
31	21	---	36	44	---
S. F.	56	327	1225	1052	528
Mean	2	11	40	34	18
Max.	21	18	49	46	38
Min.	0	8	9	16	0
A. F.	110	650	2430	2090	1050
Total 5 Months -	6330 A.F.				

Acres reported A-2293-2160, A-3979a-
 1162, A-3979a-Supp, A 3981A-185, A-8692-
 43, A-8930-63, Total-3813

PLATTE RIVER BASIN

(LOUP RIVER)

DAILY DIVERSIONS OF CANALS--1984
 MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 CANAL NO. 2 from Middle Loup River--Measured through
 rating flume--NE1/4SW1/4 Sec. 14-19-18W. near Sargent
 Period of Record:
 May 1938 - September 1943, May 1947 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	13	42	45
2	0	0	16	30	40
3	0	0	19	20	40
4	0	0	17	22	39
5	0	0	19	22	37
6	0	0	29	21	32
7	0	8	32	22	29
8	0	18	30	27	23
9	0	20	36	34	23
10	0	22	41	42	23
11	0	21	42	45	22
12	0	20	45	49	21
13	0	19	46	48	12
14	0	19	38	48	10
15	0	18	47	49	9
16	0	17	51	49	9
17	0	17	49	50	10
18	0	18	48	44	10
19	0	19	48	43	10
20	0	18	50	34	9
21	0	16	49	15	8
22	0	16	47	12	9
23	0	16	48	13	8
24	0	16	49	12	10
25	0	15	52	12	7
26	0	16	51	13	7
27	0	14	47	27	6
28	0	12	44	38	7
29	0	12	42	43	7
30	0	13	41	48	6
31	0	---	41	48	---
S.F.	0	400	1227	1020	528
Mean	0	13	40	33	18
Max.	0	22	52	50	45
Min.	0	0	13	12	6
A.F.	0	790	2430	2020	1050

Total 5 Months - 6290 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--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	36	18	116	100
2	0	38	18	80	100
3	0	40	25	74	101
4	0	41	32	75	94
5	0	27	33	76	86
6	0	18	35	76	80
7	0	20	37	84	77
8	0	21	38	92	78
9	0	22	62	94	77
10	0	22	86	101	74
11	0	25	91	106	70
12	0	26	96	98	57
13	0	26	104	99	40
14	0	26	107	105	33
15	0	23	106	106	32
16	0	18	109	104	31
17	0	18	116	101	30
18	0	19	118	102	28
19	0	20	119	104	27
20	0	20	116	100	26
21	0	19	114	74	26
22	0	19	112	36	26
23	0	18	112	38	25
24	0	24	118	40	26
25	0	28	116	42	26
26	0	18	107	52	13
27	0	18	106	98	0
28	0	18	101	105	0
29	0	18	98	110	0
30	26	18	102	108	0
31	25	---	106	100	---
S.F.	58	704	2658	2696	1383
Mean	2	23	86	87	46
Max.	26	41	119	116	101
Min.	0	18	18	36	0
A.F.	120	1400	5270	5350	2740

Total 5 Months - 14880 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

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	26	25	100	89
2	0	27	25	59	93
3	0	26	28	58	95
4	0	27	35	62	92
5	0	25	42	62	84
6	0	23	43	68	74
7	0	23	44	77	67
8	0	22	43	76	67
9	0	22	54	87	66
10	0	22	64	106	60
11	0	22	66	106	55
12	0	22	68	103	49
13	0	20	70	105	36
14	0	17	68	103	36
15	0	17	68	100	36
16	0	21	82	96	36
17	0	21	94	97	36
18	0	21	105	98	30
19	0	21	113	97	26
20	0	19	116	101	26
21	0	19	118	78	26
22	41	20	118	59	27
23	64	24	121	55	27
24	55	20	119	49	27
25	48	18	119	45	27
26	47	23	125	50	12
27	46	24	113	62	0
28	43	24	117	74	0
29	40	24	123	81	0
30	35	24	115	84	0
31	30	---	107	87	---
S.F.	449	664	2548	2485	1299
Mean	14	22	82	80	43
Max.	64	27	125	106	95
Min.	0	17	25	45	0
A.F.	890	1320	5050	4930	2580

Total 5 Months - 14770 A.F.
 Acreage reported A-2293R-5986, 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--1984

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 Summary in Acre-feet--1984

	May	June	July	Aug.	Sept.	Totals
Diversions:						
Canal No. 1.....	110	650	2430	2090	1050	6330
Canal No. 2.....	0	790	2430	2020	1050	6290
Canal No. 3.....	120	1400	5270	5350	2740	14880
Canal No. 4.....	890	1320	5050	4930	2580	14770
Total diversions..	1120	4160	15180	14390	7420	42270

(LOUP RIVER)

DAILY DIVERSIONS OF CANALS--1984
 FARWELL CANAL from Middle Loup River--Measured through
 25-foot Farshall flume--NE1/4SE1/4 Sec. 35-18-17 W. near Comstock
 Period of Record: November 1963 - October 1984

Date	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	58	306	96	372	251	294	418
2	0	59	303	106	389	392	301	426
3	0	52	308	104	405	400	318	418
4	0	24	310	102	405	402	332	437
5	0	8	308	87	405	402	384	429
6	0	0	308	51	377	410	400	413
7	0	0	301	58	342	416	405	431
8	0	0	271	54	334	392	405	400
9	0	0	213	50	315	339	400	405
10	0	0	193	48	294	267	392	421
11	0	0	199	52	325	247	400	418
12	0	0	199	51	379	240	423	374
13	0	27	191	27	389	228	408	330
14	0	50	213	0	318	226	410	289
15	0	51	215	0	310	232	405	238
16	0	77	201	0	294	236	408	170
17	0	134	211	0	273	238	405	132
18	0	187	209	0	234	240	418	38
19	0	230	209	0	219	240	392	0
20	0	282	203	0	223	289	382	0
21	0	303	205	0	232	387	389	0
22	0	299	205	28	228	397	410	0
23	0	282	168	162	207	410	413	0
24	0	301	164	157	170	423	426	0
25	0	308	157	172	185	408	387	0
26	24	306	153	181	209	405	349	0
27	92	306	153	211	226	408	416	0
28	74	303	153	232	236	416	418	0
29	79	301	134	280	238	387	408	0
30	58	303	99	330	245	301	384	0
31	61	---	102	---	253	280	---	0
S. F.	388	4251	6564	2649	9031	10311	11882	6187
Mean	13	142	212	88	291	333	389	206
Max.	92	308	310	330	405	423	426	437
Min.	0	0	99	1	170	226	294	0
A. F.	70	8430	13020	5250	17910	20450	23170	12270
Total 8 Months	101270 A.F.							
Acres reported	A-4423-48311, A-5710-1485, A-10260a-							
Supp.	A-10470-320, Total-50116							

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	153	429	358
2	0	0	155	439	354
3	0	0	168	429	349
4	0	0	176	399	336
5	0	0	168	394	310
6	0	0	162	399	271
7	0	0	160	399	234
8	0	0	160	387	163
9	0	0	160	369	139
10	0	0	160	354	111
11	0	0	165	332	85
12	0	0	170	324	75
13	0	0	242	353	74
14	0	0	307	383	25
15	0	0	310	402	0
16	0	0	374	406	0
17	0	0	440	402	0
18	0	0	488	383	0
19	0	0	504	369	0
20	0	0	504	378	0
21	0	0	488	393	0
22	0	52	483	245	0
23	0	98	460	189	0
24	0	98	454	177	0
25	0	100	460	149	0
26	0	105	454	141	0
27	0	114	376	141	0
28	0	118	378	193	0
29	0	131	388	258	0
30	0	148	393	313	0
31	0	---	417	363	---
S. F.	0	964	9877	10292	2884
Mean	0	32	319	332	96
Max.	0	148	504	439	358
Min.	0	0	153	141	0
A. F.	0	1910	19590	20410	5720
Total 5 Months	- 47630 A.F.				

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	77	279	222
2	0	0	91	283	220
3	0	0	101	287	214
4	0	0	106	283	209
5	0	0	106	283	203
6	0	0	109	287	192
7	0	0	110	279	177
8	0	0	112	255	144
9	0	0	112	259	135
10	0	0	115	253	120
11	0	0	115	239	93
12	0	0	140	235	72
13	0	0	166	235	68
14	0	0	194	245	22
15	0	0	201	254	0
16	0	0	211	263	0
17	0	0	251	256	0
18	0	0	279	254	0
19	0	0	290	251	0
20	0	0	298	260	0
21	0	0	312	248	0
22	0	27	312	189	0
23	0	52	308	159	0
24	0	52	312	141	0
25	0	52	312	116	0
26	0	59	301	108	0
27	0	67	294	109	0
28	0	67	283	143	0
29	0	73	279	175	0
30	0	77	279	208	0
31	0	---	279	226	---
S. F.	0	526	6455	7062	2091
Mean	0	18	208	228	70
Max.	0	77	312	287	222
Min.	0	0	77	108	0
A. F.	0	1040	12800	14010	4150
Total 5 Months	- 32000 A.F.				

DAILY DIVERSIONS OF CANALS--1984
 FARWELL MAIN and SOUTH CANALS (Combined Flow)
 NW1/4SW1/4 Sec. 1-15-14 W. Below Sherman Reservoir
 Period of Record: October 1965 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	230	708	580
2	0	0	246	722	574
3	0	0	269	716	563
4	0	0	282	682	545
5	0	0	274	677	513
6	0	0	271	686	463
7	0	0	270	678	411
8	0	0	272	642	307
9	0	0	272	628	274
10	0	0	275	607	211
11	0	0	280	571	178
12	0	0	310	559	147
13	0	0	408	588	142
14	0	0	501	628	47
15	0	0	511	656	0
16	0	0	585	669	0
17	0	0	691	658	0
18	0	0	767	637	0
19	0	0	794	620	0
20	0	0	802	638	0
21	0	0	800	641	0
22	0	79	795	434	0
23	0	150	768	348	0
24	0	150	766	318	0
25	0	152	772	265	0
26	0	164	755	249	0
27	0	181	670	250	0
28	0	185	661	336	0
29	0	204	667	433	0
30	0	225	672	521	0
31	0	---	696	569	---
S. F.	0	1490	16332	17354	4975
Mean	0	50	527	560	166
Max.	0	225	802	722	580
Min.	0	0	230	249	0
A. F.	0	2960	32390	34420	9870
Total 5 Months	- 79640 A.F.				

PLATTE RIVER BASIN

(LOUP RIVER)

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	11	60	203	197
2	0	6	66	208	196
3	0	8	84	202	191
4	0	10	98	210	183
5	0	11	107	198	172
6	0	10	112	196	162
7	0	9	120	201	149
8	0	10	125	212	132
9	0	10	134	203	113
10	0	12	159	204	109
11	0	10	182	199	101
12	0	7	203	201	82
13	0	6	203	197	72
14	0	6	203	202	60
15	0	10	207	202	58
16	0	8	208	200	54
17	0	12	208	200	52
18	35	8	209	195	54
19	5	9	208	196	42
20	8	10	208	200	46
21	9	6	212	165	42
22	6	5	214	125	38
23	3	12	211	130	44
24	5	20	212	136	42
25	5	72	210	130	32
26	4	0	209	124	36
27	11	19	203	130	46
28	6	53	197	154	32
29	3	52	194	177	17
30	7	58	189	195	0
31	9	---	193	200	---
S.F.	116	480	5348	5695	2554
Mean	4	16	173	184	85
Max.	35	72	214	212	197
Min.	0	0	60	124	0
A.F.	230	950	10610	11300	5070

Total 5 Months - 28180 A.F.
 Acreage reported A-2155-139, A-2312-12413, A-24178-183, A-32154-848, A-3768R-54, A-3980A-Supp, A-3980A-1463, 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-15435

DAILY DIVERSIONS OF CANALS--1984
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 BURNELL-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 1984

Date	May	June	July	Aug.	Sept.
1	0	23	26	101	100
2	0	23	28	100	104
3	0	23	35	102	76
4	0	22	40	103	98
5	0	22	48	94	90
6	0	21	56	91	73
7	0	22	70	86	66
8	0	21	80	84	48
9	0	17	82	88	36
10	0	17	97	89	34
11	0	17	101	96	32
12	0	17	108	94	32
13	0	17	123	91	31
14	0	16	113	95	30
15	0	16	110	104	28
16	58	16	107	101	27
17	36	17	104	101	24
18	35	16	124	102	19
19	32	8	123	102	16
20	29	8	121	102	16
21	29	8	122	96	16
22	30	13	112	73	14
23	34	16	107	42	16
24	34	14	107	36	17
25	37	14	116	37	16
26	36	15	114	38	16
27	32	18	110	44	16
28	30	25	106	67	9
29	29	25	104	79	2
30	24	28	100	96	0
31	23	---	98	100	---
S.F.	528	535	2892	2634	1102
Mean	17	18	93	85	37
Max.	58	28	124	104	104
Min.	0	8	26	36	0
A.F.	1050	1060	5740	5220	2190

Total 5 Months - 15260 A.F.
 Acreage reported A-2312B-5683, A-3215B-1121, A-3772-75, A-3828-39, A-3980B-Supp, A-3980B-1370, A-3982B-Supp, A-6578-38, A-6943-16, A-9809-20, A-10443-37, A-11856-40, A-12017-16, A-12355-105, A-13402-47, A-13474-64, A-14566-70, A-14777-56, A-14778-34, A-15935-54, A-16273-16, Total-8901

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	17	15	78	76
2	0	16	16	90	82
3	0	15	19	84	80
4	0	16	23	83	78
5	0	15	25	84	71
6	0	14	32	85	64
7	0	14	41	83	54
8	0	14	49	85	54
9	0	14	53	85	53
10	0	13	55	86	48
11	0	13	60	87	34
12	0	14	88	87	25
13	0	14	107	88	20
14	33	14	106	88	20
15	42	14	107	89	20
16	21	16	108	93	19
17	21	17	108	93	19
18	21	16	108	93	19
19	20	15	108	92	18
20	20	14	108	93	18
21	20	15	108	81	17
22	19	14	109	49	16
23	14	15	108	21	17
24	14	14	109	24	17
25	20	14	110	25	16
26	20	14	109	25	16
27	21	14	105	34	6
28	21	14	93	46	0
29	20	15	93	57	0
30	18	14	94	65	0
31	17	---	97	73	---
S.F.	382	438	2471	2246	977
Mean	12	15	80	72	33
Max.	42	17	110	93	82
Min.	0	13	15	21	0
A.F.	760	870	4900	4450	1940

Total 5 Months - 12920 A.F.
 Acreage reported A-2312R-5647, A-3215C-325, A-3672-58, A-3980-646, A-3980C-Supp, A-4231-26, A-10209-87, A-10583-74, A-10584-77, A-14120-48, A-14814-40, A-15031-75, A-15236-40, A-15898-12, A-16082-16, A-16278-60, Total-7231

DAILY DIVERSIONS OF CANALS--1984

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 Summary in Acre-feet--1984

	May	June	July	Aug.	Sept.	Totals
Diversion:						
Taylor-Ord Canal.....	230	950	10610	11300	5070	28160
Burwell-Sumter Canal.	1050	1060	5740	5220	2190	15260
Ord-North Loup Canal.	760	870	4900	4450	1940	12920
Total diversion.....	2040	2880	21250	20970	9200	56340

PLATTE RIVER BASIN

(ELKHORN RIVER)

WILLOW CREEK RESERVOIR STORAGE IN ACRE-FEET

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

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

Year Ending December 31, 1984
Period of Record:
September 1983 - December 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2560	3070	4950	7800	8480	7340	7420	6780	5890	5490	6020	6570
2	2570	3110	5040	7710	8670	7290	7360	6750	5870	5500	6030	6560
3	2590	3130	5130	7970	8730	7260	7310	6730	5840	5490	6040	6580
4	2610	3160	5260	8360	8600	7250	7250	6700	5800	5490	6050	6600
5	2620	3190	5380	8570	8410	7230	7230	6680	5780	5490	6030	6610
6	2640	3240	5470	8540	8270	7230	7240	6660	5740	5520	6040	6610
7	2660	3280	5560	8380	8370	7210	7200	6630	5720	5550	6050	6650
8	2670	3310	5590	8400	8390	7190	7180	6610	5690	5550	6050	6660
9	2690	3350	5600	8460	8380	7180	7160	6580	5680	5600	6070	6700
10	2710	3390	5660	8500	8260	7210	7150	6530	5660	5640	6130	6730
11	2730	3430	5680	8460	8120	7210	7130	6490	5660	5670	6140	6760
12	2760	3500	5710	8660	7970	7280	7110	6460	5670	5670	6120	6760
13	2770	3560	5740	8870	7850	7330	7080	6410	5650	5680	6240	6770
14	2780	3660	5770	9200	7740	7320	7060	6370	5620	5670	6280	6790
15	2800	3780	5840	9340	7650	7300	7040	6310	5620	5710	6280	6820
16	2810	3960	5930	8970	7590	7590	7030	6290	5610	5750	6290	6870
17	2830	4140	6060	8670	7530	8040	7010	6240	5600	5760	6320	6890
18	2840	4320	6170	8410	7490	8130	6990	6220	5600	5790	6330	6910
19	2850	4380	6230	8180	7470	8130	6970	6180	5600	5880	6340	6930
20	2860	4390	6300	8010	7440	8080	6940	6140	5580	5900	6340	6950
21	2890	4400	6370	7930	7400	8230	6920	6160	5580	5920	6370	6960
22	2910	4420	6540	7930	7350	8180	6900	6160	5550	5920	6380	6960
23	2920	4470	6780	8050	7310	8030	6870	6140	5550	5940	6420	6960
24	2930	4520	7110	8110	7300	7970	6840	6120	5520	5950	6450	6960
25	2940	4560	7560	8070	7300	7880	6810	6100	5510	5950	6450	6960
26	2950	4630	7850	8510	7320	7810	6840	6100	5510	6000	6500	6970
27	2960	4680	8050	8570	7320	7760	6840	6060	5490	6030	6510	6970
28	2980	4780	8090	8390	7340	7670	6840	6030	5480	6010	6520	7010
29	3000	4860	8050	8220	7380	7580	6820	6000	5480	6030	6540	7000
30	3020	---	8000	8250	7390	7500	6810	5950	5480	6020	6540	7020
31	3050	---	7900	---	7390	---	6790	5920	---	6010	---	7020

Application No. 15989, Plan No. 13999

DISCHARGE IN SECOND-FEET OF WILLOW CREEK NEAR PIERCE
SE1/4SW1/4 Sec. 33-26-2W. Period of Record: January 1984 - December 1984
EXTREMES FOR CURRENT YEAR:--Maximum Discharge Calendar Year 1984, 377 Cubic Feet Per Second at 0100 hours on April 15, 1984 at a Gage Height of 6.30 Feet. Minimum Daily Discharge, 4.6 Cubic Feet Per Second on January 9, 1984

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5	5.6	6.8	102	181	45	54	5.9	5.6	5.6	8.9	6.2
2	5	5.9	7.1	95	225	41	46	6.2	5.4	5.6	7.9	7.1
3	5	6.5	7.1	137	237	37	37	6.5	5.6	5.1	7.9	6.8
4	5	6.5	7.4	191	209	36	34	6.5	5.9	5.9	7.9	6.5
5	5	6.8	7.1	234	176	32	33	6.5	5.9	7.6	8.2	6.8
6	5	6.8	7.1	222	162	35	34	6.5	5.6	7.6	9.2	7.4
7	5	6.5	7.4	191	178	35	30	6.5	5.4	7.6	9.8	11
8	5	6.5	7.6	200	180	35	31	6.5	5.6	7.9	7.1	11
9	4.6	5.9	7.6	213	179	36	34	5.9	5.6	7.6	7.6	11
10	5.1	5.9	8.2	217	156	38	32	5.9	5.4	7.4	7.6	7.6
11	5.1	5.9	8.9	206	132	37	27	5.9	5.6	7.6	7.6	8.2
12	5.9	5.6	9.2	237	115	43	25	5.9	5.6	7.6	8.2	10
13	5.4	5.6	9.8	271	99	47	21	5.6	5.6	7.6	8.9	11
14	4.9	5.9	11	332	84	46	15	5.6	5.6	7.6	9.8	13
15	4.6	7.1	10	356	74	42	11	5.4	5.6	7.6	7.1	12
16	4.9	7.1	10	271	66	82	11	5.1	5.9	7.4	6.8	12
17	5.4	6.2	10	214	59	135	10	5.1	5.6	7.4	6.5	12
18	5.4	6.2	11	170	56	151	8.5	5.1	6.2	7.4	6.8	13
19	5.6	5.4	10	138	53	150	7.6	5.4	6.2	7.9	6.5	13
20	5.7	5.6	11	110	50	164	7.6	5.6	6.2	7.6	6.5	15
21	5.8	5.9	12	98	46	161	6.8	5.9	6.2	7.6	6.2	16
22	5.9	6.2	13	104	41	167	5.9	6.2	6.2	7.9	6.8	16
23	6	6.5	13	117	37	143	5.4	6.5	6.5	7.9	7.1	17
24	6.1	6.5	24	126	35	126	6.8	6.8	6.2	8.2	7.1	18
25	6.2	6.5	61	126	38	119	5.1	6.8	6.2	8.5	7.1	18
26	5.9	6.2	103	183	38	108	5.9	7.1	6.2	8.9	6.8	18
27	5.6	6.2	136	213	37	96	6.2	6.5	6.2	8.9	7.4	17
28	5.9	6.2	150	181	42	82	6.2	5.6	6.2	8.5	6.8	19
29	5.9	6.2	148	151	48	71	6.2	5.6	6.2	8.9	6.8	21
30	5.6	---	134	153	49	63	6.5	5.4	5.6	9.2	6.8	21
31	5.4	---	118	---	49	---	6.2	5.4	---	8.9	---	21
S.F.	166.9	179.9	1086.	5559	3131	2403	574.7	185.4	175.8	237	225.7	402.6
Mean	5	6	35	185	101	80	19	6	6	8	8	13
Max.	6.2	7.1	150	356	237	167	54	7.1	6.5	9.2	9.8	21
Min.	4.6	5.4	6.8	95	35	32	5.1	5.1	5.4	5.1	6.2	6.2
A.F.	330	360	2150	11030	6210	4770	1140	370	350	470	450	800
Total 12 Months	- 28430 A.F.											

PLATTE RIVER BASIN
(SALT CREEK)

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

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

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

Year ending December 31, 1984

Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1984	1140
January 31, 1984	1120
February 29, 1984	1130
March 31, 1984	1220
April 30, 1984	1620
May 31, 1984	1550
June 30, 1984	1530
July 31, 1984	1440
August 31, 1984	1340
September 30, 1984	1270
October 31, 1984	1290
November 30, 1984	1250
December 31, 1984	1480

Application No. 10120, Plan No. 9115

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

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

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

Year ending December 31, 1984

Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1983	2350
January 31, 1984	2440
February 29, 1984	2640
March 31, 1984	3110
April 30, 1984	3540
May 31, 1984	3240
June 30, 1984	3230
July 31, 1984	2910
August 31, 1984	2820
September 30, 1984	2660
October 31, 1984	2720
November 30, 1984	2660
December 31, 1984	3110

Application No. 10025, Plan No. 8978

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

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

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

Year ending December 31, 1984

Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1983	2200
January 31, 1984	2260
February 29, 1984	2550
March 31, 1984	2660
April 30, 1984	2820
May 31, 1984	2670
June 30, 1984	2590
July 31, 1984	2450
August 31, 1984	2320
September 30, 1984	2180
October 31, 1984	2220
November 30, 1984	2170
December 31, 1984	2620

Application No. 10024, Plan No. 8977

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

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

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-Feet)
Top of flood pool	1285.0	8700
Top of conservation pool	1271.0	1900
Top of dead storage pool	1261.0	460

Year ending December 31, 1984

Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1983	1880
January 31, 1984	1980
February 29, 1984	1920
March 31, 1984	2000
April 30, 1984	2110
May 31, 1984	2000
June 30, 1984	1960
July 31, 1984	1920
August 31, 1984	1910
September 30, 1984	1910
October 31, 1984	1910
November 30, 1984	1900
December 31, 1984	1940

Application No. 10119, Plan No. 9114

PLATTE RIVER BASIN
(SALT CREEK)

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

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

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

Year ending December 31, 1984
Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1983	1770
January 31, 1984	1900
February 29, 1984	2050
March 31, 1984	2180
April 30, 1984	2430
May 31, 1984	2320
June 30, 1984	2330
July 31, 1984	2070
August 31, 1984	1950
September 30, 1984	1840
October 31, 1984	1860
November 30, 1984	1830
December 31, 1984	2080

Application No. 10430, Plan No. 9455

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

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

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

Year ending December 31, 1984
Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1983	2640
January 31, 1984	2770
February 29, 1984	2690
March 31, 1984	2780
April 30, 1984	3120
May 31, 1984	2980
June 30, 1984	2770
July 31, 1984	2630
August 31, 1984	2590
September 30, 1984	2530
October 31, 1984	2650
November 30, 1984	2640
December 31, 1984	2720

Application No. 10121, Plan No. 9285

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

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

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

Year ending December 31, 1984
Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1983	2840
January 31, 1984	2960
February 29, 1984	2890
March 31, 1984	2900
April 30, 1984	3050
May 31, 1984	2900
June 30, 1984	2860
July 31, 1984	2750
August 31, 1984	2680
September 30, 1984	2580
October 31, 1984	2700
November 30, 1984	2710
December 31, 1984	2890

Application No. 10308, Plan No. 9423

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

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

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

Year ending December 31, 1984
Period of Published Record: October 1977 to December 1984

Date	Contents (acre-feet)
December 31, 1983	8680
January 31, 1984	8900
February 29, 1984	8820
March 31, 1984	8960
April 30, 1984	9260
May 31, 1984	9040
June 30, 1984	8850
July 31, 1984	8600
August 31, 1984	8420
September 30, 1984	8350
October 31, 1984	8620
November 30, 1984	8590
December 31, 1984	8730

Application No. 10176, Plan No. 9263

PLATTE RIVER BASIN
(SALT CREEK)

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

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

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

Year ending December 31, 1984

Period of Published Record: October 1977 to December 1984

Date	Contents (acra-feet)
December 31, 1983	660
January 31, 1984	720
February 29, 1984	790
March 31, 1984	820
April 30, 1984	880
May 31, 1984	820
June 30, 1984	800
July 31, 1984	760
August 31, 1984	720
September 30, 1984	690
October 31, 1984	730
November 30, 1984	710
December 31, 1984	790

Application No. 9972, Plan No. 8905

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

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

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

Year ending December 31, 1984

Period of Published Record: October 1977 to December 1984

Date	Contents (acra-feet)
December 31, 1983	26720
January 31, 1984	27300
February 29, 1984	27390
March 31, 1984	28070
April 30, 1984	29410
May 31, 1984	28550
June 30, 1984	28080
July 31, 1984	26660
August 31, 1984	26210
September 30, 1984	25800
October 31, 1984	26740
November 30, 1984	26570
December 31, 1984	27100

Application No. 10309, Plan No. 9527

REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	29	25	26	28
2	0	0	28	29	27	29
3	0	0	25	28	26	33
4	0	0	27	23	28	30
5	0	0	30	25	27	24
6	0	0	27	26	27	21
7	0	0	28	29	27	20
8	0	0	31	30	26	21
9	0	0	36	28	24	20
10	0	0	36	25	23	20
11	0	0	33	29	24	21
12	0	0	29	33	26	21
13	0	0	27	33	28	14
14	0	0	25	33	31	14
15	0	0	25	31	33	15
16	0	0	26	25	33	16
17	0	0	23	25	33	0
18	0	16	21	26	33	0
19	0	28	21	24	33	0
20	0	24	21	25	33	0
21	0	25	22	24	33	0
22	0	26	20	25	34	0
23	0	31	19	25	34	0
24	0	33	20	25	34	0
25	0	30	20	26	35	0
26	0	28	20	25	32	0
27	0	28	22	25	31	0
28	0	27	23	24	29	0
29	0	26	24	25	28	0
30	0	26	26	25	28	0
31	0	---	25	26	---	0
S.F.	0	348	789	827	886	347
Mean	0	12	25	27	30	11
Max.	0	33	36	33	35	33
Min.	0	0	19	23	23	0
A.F.	0	690	1560	1640	1760	690
Total 6 Months -			6340	A.F.		

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	77	274	188
2	0	0	120	256	188
3	0	0	213	236	182
4	0	0	151	230	155
5	0	0	75	230	134
6	0	0	83	243	115
7	0	0	90	260	97
8	0	0	90	264	92
9	0	0	117	261	92
10	0	0	157	252	82
11	0	0	201	248	67
12	0	0	233	248	55
13	0	0	258	238	44
14	0	0	266	235	13
15	0	0	266	237	0
16	0	0	291	233	0
17	0	0	310	227	0
18	0	0	313	226	0
19	0	0	301	226	0
20	0	0	282	223	0
21	0	0	273	215	0
22	0	0	273	201	0
23	0	0	290	187	0
24	0	0	308	176	0
25	0	0	313	174	0
26	0	78	312	174	0
27	0	60	297	196	0
28	0	109	290	224	0
29	0	95	290	233	0
30	0	77	291	230	0
31	0	---	285	200	---
S.F.	0	419	7116	7057	1504
Mean	0	14	230	228	50
Max.	0	109	313	274	188
Min.	0	0	75	174	0
A.F.	0	830	14110	14000	2980
Total 5 Months -			31920	A.F.	

DAILY DIVERSIONS OF CANALS--1984
 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 - October 1984

Date	May	June	July	Aug.	Sept.	Oct.
1	0	0	0	3	2	4
2	0	0	0	3	2	4
3	0	0	0	3	2	2
4	0	0	0	3	3	2
5	0	0	0	3	3	1
6	0	0	0	3	3	0
7	0	0	0	3	3	0
8	0	0	0	3	3	0
9	0	0	0	4	3	0
10	0	0	0	6	3	0
11	0	0	0	3	3	0
12	0	0	0	3	3	0
13	0	0	0	3	3	0
14	0	0	0	2	3	0
15	0	0	0	2	3	0
16	0	0	0	1	3	0
17	0	0	0	1	3	0
18	0	0	0	2	3	0
19	0	0	0	5	2	0
20	0	0	0	4	2	0
21	0	0	0	4	2	0
22	0	0	0	3	2	0
23	0	0	0	3	2	0
24	0	0	0	3	2	0
25	0	0	0	3	2	0
26	0	0	0	3	2	0
27	0	0	0	3	2	0
28	0	0	0	3	2	0
29	0	0	0	2	2	0
30	0	0	0	2	2	0
31	0	0	0	2	2	0
S.F.	0	0	65	80	104	13
Mean	0	0	2	3	3	0
Max.	0	0	6	3	5	4
Min.	0	0	0	2	2	0
A.F.	0	0	130	160	210	30
Total 6 Months	-	-	530	A.F.	-	-

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	Apr.	May	June	July	Aug.	Sept.
1	0	47	61	81	225	166
2	0	25	60	91	229	168
3	0	21	58	112	216	174
4	0	31	60	110	197	188
5	0	30	59	111	196	180
6	0	31	60	92	205	178
7	0	31	58	84	212	161
8	0	29	58	84	222	131
9	0	30	59	95	210	114
10	0	34	59	97	189	90
11	0	34	65	118	171	8
12	0	35	68	143	168	0
13	0	35	69	158	173	0
14	0	34	62	170	175	0
15	0	33	80	172	182	0
16	0	36	78	199	189	0
17	0	34	77	224	193	0
18	27	34	79	235	176	0
19	38	35	78	225	176	0
20	15	35	78	214	193	0
21	0	34	76	198	203	0
22	0	47	75	197	207	0
23	35	55	71	202	206	0
24	45	56	70	209	207	0
25	45	57	67	217	193	0
26	47	57	69	230	190	0
27	44	58	69	227	194	0
28	41	58	66	226	189	0
29	18	58	75	227	188	0
30	24	61	81	223	186	0
31	---	61	---	224	172	---
S.F.	379	1256	2045	5195	6032	1558
Mean	13	41	68	168	195	52
Max.	47	61	81	235	229	188
Min.	0	21	58	81	168	0
A.F.	750	2490	4060	10300	11960	3090
Total 6 Months	-	-	32650	A.F.	-	-

DAILY DIVERSIONS OF CANALS--1984
 RIVERSIDE CANAL from Frenchman River
 near Culbertson--NE1/4SE1/4 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 1984

Date	May	June	July	Aug.	Sept.	Oct.	Nov.
1	0	0	10	8	3	4	4
2	0	0	9	8	3	4	4
3	0	0	0	8	3	4	4
4	0	0	0	8	3	4	4
5	0	0	0	8	4	4	4
6	0	0	0	7	4	4	4
7	0	0	0	7	4	4	4
8	0	0	0	8	6	4	4
9	0	0	0	8	10	4	4
10	0	0	0	8	14	4	0
11	0	0	0	10	17	4	0
12	0	0	0	11	13	4	0
13	0	0	0	8	7	4	0
14	0	0	0	6	7	4	0
15	0	0	0	7	6	4	0
16	0	0	0	7	5	4	0
17	0	0	0	9	8	4	0
18	0	0	0	11	8	4	0
19	0	0	0	10	9	4	0
20	0	0	0	9	9	4	0
21	0	0	0	8	9	4	0
22	0	0	0	7	8	4	0
23	0	0	0	11	7	4	0
24	0	0	0	8	6	4	0
25	0	0	0	8	5	4	0
26	0	0	0	8	4	3	0
27	0	0	0	8	4	3	0
28	0	0	0	8	4	3	0
29	0	0	0	8	3	4	0
30	0	0	0	8	3	4	0
31	0	0	0	8	3	4	0
S.F.	0	0	213	211	178	120	36
Mean	0	0	7	7	6	4	1
Max.	0	0	11	9	17	4	4
Min.	0	0	0	3	3	3	0
A.F.	0	0	420	420	350	240	70
Total 7 Months	-	-	1500	A.F.	-	-	-

DAILY DIVERSIONS OF CANALS--1984
 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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	18	58	39
2	0	0	35	57	46
3	0	0	50	54	44
4	0	0	46	53	44
5	0	0	43	54	44
6	0	0	45	56	40
7	0	0	46	64	32
8	0	0	46	69	29
9	0	0	46	69	29
10	0	0	57	67	27
11	0	0	62	67	23
12	0	0	62	67	7
13	0	0	63	66	0
14	0	0	65	63	0
15	0	0	65	58	0
16	0	0	64	56	0
17	0	0	65	54	0
18	0	0	65	53	0
19	0	27	69	54	0
20	0	23	74	62	0
21	0	18	75	63	0
22	0	16	76	59	0
23	0	16	74	58	0
24	0	16	70	52	0
25	0	19	70	51	0
26	0	24	71	50	0
27	0	24	71	57	0
28	0	25	71	63	0
29	0	24	71	59	0
30	0	24	71	59	0
31	0	---	68	50	---
S.F.	0	257	1875	1826	404
Mean	0	9	60	59	13
Max.	0	27	76	69	46
Min.	0	0	18	50	0
A.F.	0	510	3720	3620	800
Total 5 Months	-	-	8650	A.F.	-

REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	22	64	60
2	0	0	37	58	59
3	0	0	61	54	59
4	0	0	70	54	66
5	0	0	75	54	71
6	0	0	67	64	70
7	0	0	62	80	49
8	0	0	61	87	39
9	0	0	73	87	39
10	0	0	85	78	33
11	0	0	89	73	28
12	0	0	89	73	10
13	0	0	92	74	0
14	0	0	95	74	0
15	0	0	95	78	0
16	0	0	94	80	0
17	0	0	94	68	0
18	0	42	93	62	0
19	0	22	93	62	0
20	0	21	103	63	0
21	0	21	107	60	0
22	0	20	106	56	0
23	0	19	107	52	0
24	0	19	103	50	0
25	0	19	96	51	0
26	0	20	85	57	0
27	0	21	71	64	0
28	0	20	67	67	0
29	0	22	66	73	0
30	0	22	64	72	0
31	0	---	66	63	---
S.F.	0	288	2488	2052	583
Mean	0	10	80	66	19
Max.	0	42	107	87	71
Min.	0	0	22	50	0
A.F.	0	570	4930	4070	1160
Total 5 Months -			10730		A.F.

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	93	273	188
2	0	0	126	265	189
3	0	0	162	224	183
4	0	0	162	208	188
5	0	0	144	209	170
6	0	0	129	231	144
7	0	0	124	247	97
8	0	0	124	239	82
9	0	0	157	230	84
10	0	0	212	217	87
11	0	0	206	207	83
12	0	0	189	207	72
13	0	0	173	215	68
14	0	0	162	237	23
15	0	0	161	247	0
16	0	0	201	253	0
17	0	0	231	247	0
18	0	0	245	241	0
19	0	0	255	244	0
20	0	0	227	250	0
21	0	0	216	236	0
22	0	0	225	196	0
23	0	0	231	169	0
24	0	0	265	148	0
25	0	0	286	144	0
26	0	89	284	144	0
27	0	110	255	155	0
28	0	96	242	183	0
29	0	94	244	209	0
30	0	93	256	219	0
31	0	---	272	197	---
S.F.	0	482	6259	6691	1658
Mean	0	16	202	216	55
Max.	0	110	286	273	189
Min.	0	0	93	144	0
A.F.	0	960	12410	13270	3290
Total 5 Months -			29930		A.F.

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	20	27	21
2	0	0	25	25	21
3	0	0	31	25	18
4	0	0	31	25	16
5	0	0	33	25	14
6	0	0	33	25	12
7	0	0	30	27	8
8	0	0	28	29	0
9	0	0	29	29	0
10	0	0	29	28	0
11	0	0	29	27	0
12	0	0	30	27	0
13	0	0	30	27	0
14	0	0	30	28	0
15	0	0	30	29	0
16	0	0	30	29	0
17	0	0	32	28	0
18	0	0	33	26	0
19	0	0	33	27	0
20	0	0	32	28	0
21	0	0	29	30	0
22	0	0	28	29	0
23	0	0	27	26	0
24	0	0	28	25	0
25	0	0	27	24	0
26	0	0	27	24	0
27	0	0	30	25	0
28	0	0	32	25	0
29	0	8	32	25	0
30	0	18	32	25	0
31	0	---	30	23	---
S.F.	0	26	922	822	110
Mean	0	1	30	27	4
Max.	0	18	33	30	21
Min.	0	0	20	23	0
A.F.	0	50	1830	1630	220
Total 5 Months -			3730		A.F.

DAILY DIVERSIONS OF CANALS--1984
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 1984

Date	May	June	July	Aug.	Sept.
1	0	0	172	251	227
2	0	0	188	250	200
3	0	0	209	250	176
4	0	0	234	239	156
5	0	0	238	227	145
6	0	0	237	226	132
7	0	0	236	230	104
8	0	0	238	237	92
9	0	0	247	235	89
10	0	0	252	234	42
11	0	0	252	234	0
12	0	0	252	234	0
13	0	0	252	234	0
14	0	0	252	233	0
15	0	0	252	232	0
16	0	0	247	232	0
17	0	0	241	230	0
18	0	0	244	230	0
19	0	0	253	229	0
20	0	0	252	228	0
21	0	0	246	218	0
22	0	0	242	207	0
23	0	0	241	206	0
24	0	0	240	206	0
25	0	0	240	204	0
26	0	0	239	204	0
27	0	68	238	217	0
28	0	111	238	230	0
29	0	147	246	237	0
30	0	159	252	236	0
31	0	---	252	236	---
S.F.	0	485	7422	7096	1363
Mean	0	16	239	229	45
Max.	0	159	253	251	227
Min.	0	0	172	204	0
A.F.	0	960	14720	14070	2700
Total 5 Months -			32450		A.F.

DAILY DIVERSIONS OF CANALS--1984
FRANKLIN PUMP CANAL from Republican River--Measured through
4-foot Farshall flume--NW1/4NE1/4 Sec. 10-1-14 W. near Franklin
Period of Record: May 1954 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	12	31	22
2	0	0	19	31	20
3	0	0	24	32	20
4	0	0	24	31	8
5	0	0	24	31	0
6	0	0	24	30	0
7	0	0	24	31	0
8	0	0	24	31	0
9	0	0	25	30	0
10	0	0	32	31	0
11	0	0	34	29	0
12	0	0	34	29	0
13	0	0	27	32	0
14	0	0	24	31	0
15	0	0	25	30	0
16	0	0	24	33	0
17	0	0	27	33	0
18	0	0	32	31	0
19	0	0	32	31	0
20	0	0	32	35	0
21	0	0	31	38	0
22	0	0	31	35	0
23	0	0	32	35	0
24	0	0	32	34	0
25	0	0	32	35	0
26	0	0	32	24	0
27	0	0	32	32	0
28	0	4	32	30	0
29	0	10	32	28	0
30	0	11	32	26	0
31	0	---	32	26	---
S.F.	0	25	873	966	70
Mean	0	1	28	31	2
Max.	0	11	34	38	22
Min.	0	0	12	24	0
A.F.	0	50	1730	1920	140
Total 5 Months -			3840	A.F.	

DAILY DIVERSIONS OF CANALS--1984
COURTLAND CANAL from Republican River--Measured
through orifice--NE1/4NE1/4 Sec. 18-1-9-W. near Guide Rock
Period of Record: May 1952 - November 1984

Date	May	June	July	Aug.	Sept.	Oct.	Nov.
1	0	0	204	623	300	75	48
2	0	0	232	632	305	75	36
3	0	0	274	632	307	74	0
4	0	0	337	632	290	72	0
5	0	85	389	637	281	90	0
6	0	130	400	640	262	108	0
7	0	134	403	620	241	107	0
8	0	135	409	615	212	99	0
9	0	137	413	620	200	95	0
10	0	136	413	617	171	100	0
11	0	134	432	608	144	101	0
12	0	133	464	610	117	98	0
13	0	138	465	617	108	98	0
14	0	116	461	587	98	97	0
15	0	105	461	579	91	113	0
16	0	106	479	549	89	136	0
17	0	105	487	525	88	144	0
18	0	105	485	512	88	142	0
19	0	103	492	517	86	131	0
20	0	103	507	528	84	124	0
21	0	105	522	508	73	123	0
22	0	105	524	446	63	116	0
23	0	105	541	411	62	113	0
24	0	106	540	310	64	112	0
25	0	118	555	274	63	112	0
26	0	134	540	277	62	118	0
27	0	133	550	283	70	122	0
28	0	148	615	282	78	118	0
29	0	155	633	285	77	109	0
30	0	188	629	300	76	103	0
31	0	---	618	300	---	72	---
S.F.	0	3202	14476	15568	4250	3297	84
Mean	0	107	467	502	142	106	3
Max.	0	188	633	640	307	144	48
Min.	0	0	204	274	62	72	0
A.F.	0	6350	28710	30880	8430	6540	170
Total 7 Months -			81080	A.F.			

DAILY DIVERSIONS OF CANALS--1984
COURTLAND CANAL from Republican River--Measured at
Nebraska-Kansas State Line--SWSEK Sec. 32-1-7 W.
Period of Record:
October 1954 - November 1984

Date	May	June	July	Aug.	Sept.	Oct.	Nov.
1	0	0	187	596	254	67	47
2	0	0	193	598	267	65	40
3	0	0	260	594	272	65	20
4	0	0	310	598	256	63	0
5	0	0	364	607	245	66	0
6	0	0	382	612	227	95	0
7	0	55	380	590	204	96	0
8	0	113	382	568	179	91	0
9	0	123	380	574	164	84	0
10	0	115	380	570	143	89	0
11	0	115	404	559	130	90	0
12	0	116	414	559	100	88	0
13	0	120	416	568	86	88	0
14	0	103	410	544	80	87	0
15	0	88	414	526	68	111	0
16	0	91	428	502	68	133	0
17	0	91	436	468	71	140	0
18	0	86	434	456	72	139	0
19	0	85	432	462	82	129	0
20	0	89	448	476	82	122	0
21	0	90	458	464	82	119	0
22	0	91	464	420	57	114	0
23	0	90	472	352	50	111	0
24	0	92	478	267	56	110	0
25	0	95	502	242	61	110	0
26	0	118	516	244	88	117	0
27	0	121	512	245	106	120	0
28	0	128	552	244	69	117	0
29	0	142	574	236	68	110	0
30	0	161	596	245	68	95	0
31	0	---	605	244	---	65	---
S.F.	0	2517	13183	14230	3755	3096	107
Mean	0	84	425	459	125	100	4
Max.	0	161	605	612	272	140	47
Min.	0	0	187	236	50	63	0
A.F.	0	4990	26150	28220	7450	6140	210
Total 7 Months -			73160	A.F.			

DAILY DIVERSIONS OF CANALS--1984
SUPERIOR CANAL from Republican River--Measured through 12-foot
Farshall flume--NE1/4NW1/4 Sec. 8-1-9 W. near Guide Rock
Period of Record: May 1951 - September 1984

Date	May	June	July	Aug.	Sept.
1	0	0	78	144	93
2	0	0	92	144	90
3	0	0	118	143	84
4	0	0	117	144	72
5	0	0	118	146	56
6	0	0	118	144	40
7	0	0	119	144	15
8	0	0	120	143	0
9	0	0	135	140	0
10	0	0	141	134	0
11	0	0	141	134	0
12	0	0	140	134	0
13	0	0	139	132	0
14	0	0	139	127	0
15	0	0	140	127	0
16	0	0	140	127	0
17	0	0	139	125	0
18	0	0	139	125	0
19	0	0	139	124	0
20	0	0	139	122	0
21	0	0	139	111	0
22	0	0	139	96	0
23	0	0	140	89	0
24	0	0	142	89	0
25	0	0	142	89	0
26	0	0	142	88	0
27	0	0	144	89	0
28	0	0	145	88	0
29	0	0	144	88	0
30	0	57	145	98	0
31	0	---	144	98	---
S.F.	0	57	4117	3726	450
Mean	0	2	133	120	15
Max.	0	57	145	146	93
Min.	0	0	78	88	0
A.F.	0	110	8170	7390	890
Total 5 Months -			16560	A.F.	

DAILY DIVERSIONS OF CANALS--1984

BIGELOW-SEYMOUR CANAL from Niobrara River--NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-31-57 W.
Near Harrison. Period of Record: May 1956 - September 1984
Water diverted 0 A.F.

DAVISON PUMP from Niobrara River--NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-28-54 W.
Near Marsland. Period of Record: May 1956 - September 1956,
May 1970 - September 1984
Water diverted 6 A.F.

FURMAN CANAL (NORTH & SOUTH) from Niobrara River--SW $\frac{1}{4}$ SW $\frac{1}{4}$ & SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-29-50 W.
Near Marsland. Period of Record: May 1956 - September 1984
Water diverted 0 A.F.

HOFFMAN PUMP from Niobrara River--SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-28-55 W.
Near Agate. Period of Record: May 1956 - September 1956,
May 1970 - September 1984
Water diverted 1 A.F.

JOHNSON CANAL from Niobrara River--SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-31-57 W.
Near Harrison. Period of Record: May 1956 - September 1984
Water diverted 10 A.F.

LABELLE CANAL from Niobrara River--NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-28-54 W.
Near Harrison. Period of Record: April 1956 - September 1984
Water diverted 0 A.F.

MCGINLEY-STOVER CANAL from Niobrara River--SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-29-56 W.
Near Agate. Period of Record: May 1956 - September 1984
Water diverted 0 A.F.

PIONEER PUMP from Niobrara River River--SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-29-50 W.
Near Marsland. Period of Record: May 1981 - September 1984
Water diverted 0 A.F.

MISCELLANEOUS DISCHARGE MEASUREMENTS OF
RIVERS AND STREAMS

1984

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

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
7-11	2.18	SOW BELLY CREEK BELOW ANDREWS SUPPLY CANAL SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-33-55 W.
7-11	0.12	SOW BELLY CREEK ABOVE MONTGOMERY CANAL NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-33-55 W.
7-11	0.10	PRAIRIE DOG CREEK ABOVE SOW BELLY CREEK JUNCTION Sec. 17-33-55 W.
7-11	0.05	WARBONNET CREEK BELOW WARBONNET CANAL Sec. 21-33-56 W.
7-11	0.15	JIM CREEK ABOVE HIGH LINE CANAL NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-33-57 W.
7-11	0.0	JIM CREEK ABOVE DOUT RESERVOIR #1 Sec. 18-33-56 W.
7-11	0.0	JIM CREEK NEAR HARRISON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-33-56 W.
7-11	0.74	MONROE CREEK NEAR HARRISON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-32-56 W.
7-11	0.10	MONROE CREEK BELOW MONROE CANAL Sec. 33-33-56 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
7-11	0.22	MONROE CREEK ABOVE JORDAN RESERVOIR Sec. 23-33-56 W.
7-11	2.82	SOW BELLY CREEK BELOW CONFLUENCE WITH JIM CREEK Sec. 4-33-55 W.
7-11	0.0	SQUAW CREEK NEAR MONTROSE Sec. 31-34-56 W.
7-11	0.0	CHERRY CREEK AT MERLO RESERVOIR Sec. 29-33-54 W.
7-11	0.0	CHERRY CREEK NEAR MONTROSE Sec. 32-34-54 W.
7-11	10.6	HAT CREEK NEAR MONTROSE Sec. 18-34-54 W.
10-12 10-26	0.0 2.65	HAT CREEK NEAR SEMROSKA RIPARIAN RIGHT Sec. 6-34-54 W.
7-11	0.0	ANTELOPE CREEK NEAR MONTROSE Sec. 4-33-57 W.
7-11	0.01	SOUTH ANTELOPE CREEK BELOW Docket 537 NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-34-57 W.

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
7-11	0.35	WEST HAT CREEK NORTH OF HARRISON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-32-55 W.
7-11	0.91	WEST HAT CREEK BELOW WEST HAT CREEK CANAL Sec. 16-32-55 W.
7-11	0.23	EAST HAT CREEK NEAR ANDREWS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22-32-55 W.
7-11	2.01	HAT CREEK ABOVE COFFEE CANAL NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-33-55 W.
7-11	0.0	BOGGY CREEK BELOW WICKERSHAM DIVERSION DAM NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-33-54 W.
7-11	2.60	HAT CREEK BELOW COFFEE FLOOD CANAL Sec. 11-33-55 W.
7-11	1.28	SOW BELLY CREEK NEAR HARRISON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-32-55 W.
7-11	2.18	SOW BELLY CREEK BELOW SOW BELLY CANAL SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-32-55 W.
7-11	2.18	SOW BELLY CREEK ABOVE ANDREWS SUPPLY CANAL SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-32-55 W.

CHEYENNE RIVER BASIN
(HAT CREEK)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
7-11	0.0	ANTELOPE CREEK NEAR MONTROSE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-34-56 W.
7-11	1.53	WHITE HEAD CREEK ABOVE HAT CREEK JUNCTION Sec. 4-34-54 W.
7-11	3.84	HAT CREEK NEAR GEISERS BRIDGE Sec. 28-35-54 W.
7-11	8.44	HAT CREEK NEAR ARDMORE, SOUTH DAKOTA Sec. 22-35-54 W.
7-11	0.50	INDIAN CREEK NEAR MONTROSE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-35-56 W.
7-11	0.0	LONG BRANCH CREEK, TRIBUTARY TO HAT CREEK SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-35-54 W.

WHITE RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
5-15	1.05	WHITE RIVER NEAR HARRISON SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 25-31-55 W.	3-26 5-17	0.30 0.19	CHERRY CREEK NEAR FORT ROBINSON Sec. 17-31-52 W.	4-17	1.48	LITTLE COTTONWOOD CREEK NEAR PINE BUTTE NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 8-32-53 W.
5-15	0.32	SPRING BRANCH CREEK, TRIBUTARY TO WHITE RIVER SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 34-31-54 W.	5-17	25.1	WHITE RIVER BELOW WHITNEY DIVERSION Sec. 26-32-52 W.	4-17	0.31	LITTLE COTTONWOOD CREEK NEAR FORT ROBINSON SW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 8-32-52 W.
5-15	8.61	WHITE RIVER NEAR ANDREWS NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 1-30-54 W.	5-16	2.29	WHITE CLAY CREEK NEAR CRAWFORD NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 2-31-52 W.	4-17	0.15	SAND CREEK NEAR FORT ROBINSON NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 34-33-53 W.
5-15	1.32	DEEP CREEK NEAR GLEN SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 32-31-53 W.	4-16	0.53	SQUAW CREEK NEAR CRAWFORD NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 28-31-51 W.	4-17	0.0	SPRING CREEK NEAR FORT ROBINSON SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20-32-52 W.
5-17	1.61	DEADMAN CREEK ABOVE DEADMAN CANAL Sec. 26-31-53 W.	4-16	0.49	SQUAW CREEK NEAR FORT ROBINSON NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 1-31-52 W.	4-17	0.0	SPRING CREEK NEAR CRAWFORD NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 13-32-52 W.
5-15	14.8	WHITE RIVER NEAR FORT ROBINSON NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 34-31-53 W.	4-16	0.74	SQUAW CREEK ABOVE SQUAW CREEK RESERVOIR SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 12-31-52 W.	4-17	0.0	SPRING CREEK NEAR CRAWFORD SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 7-32-51 W.
5-17	4.33	SOLDIERS CREEK ABOVE FORT ROBINSON RESERVOIR NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 4-31-53 W.	4-16	0.81	SQUAW CREEK BELOW SQUAW CREEK RESERVOIR NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 12-31-52 W.	4-17	0.05	LITTLE COTTONWOOD CREEK NEAR CRAWFORD NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 8-32-51 W.
5-17	0.0	SOLDIERS CREEK ABOVE FORT ROBINSON CANAL Sec. 12-31-53 W.	4-18	0.19	SAW LOG CREEK NEAR CRAWFORD NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 5-30-51 W.	5-17	2.37	WEST ASH CREEK NEAR CRAWFORD SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 36-32-51 W.
5-17	0.42	SOLDIERS CREEK BELOW SOLDIERS CANAL SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 18-31-52 W.	5-17	26.0	WHITE RIVER NEAR CRAWFORD NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 19-32-51 W.	5-17	0.50	EAST ASH CREEK NEAR WHITNEY SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 32-32-50 W.

WHITE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
5-17	3.21	ASH CREEK NEAR WHITNEY NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 7-32-50 W.
5-17	0.68	INDIAN CREEK ABOVE Application 1822 SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-31-50 W.
7-23	0.58	INDIAN CREEK NEAR WHITNEY SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-32-50 W.
7-23	0.21	INDIAN CREEK NEAR WHITNEY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-32-50 W.
7-23	3.65	BIG COTTONWOOD CREEK NEAR WHITNEY SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 22-33-50 W.
7-23	0.0	TRUNK BUTTE CREEK NEAR WHITNEY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-33-50 W.
7-23	0.78	DEAD HORSE CREEK NEAR CHADRON NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 32-33-49 W.
7-23	0.0	BOHEMIAN CREEK NEAR CHADRON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-34-49 W.
7-23	0.0	RUSH CREEK NEAR CHADRON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-34-49 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
5-30	0.86	WOUNDED KNEE CREEK NEAR WHITE CLAY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-35-42 W.

NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-24	0.0	NIOBRARA RIVER, TRIBUTARY TO, NEAR AGATE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-29-54 W.
5-24	0.05	WHISTLE CREEK AT MOUTH NEAR AGATE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-28-54 W.
4-12	0.0	NIOBRARA RIVER, TRIBUTARY TO, NEAR BELMONT SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-30-50 W.
4-12	0.10	PEBBLE CREEK NEAR DUNLAP SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-29-48 W.
4-12	2.02	COTTONWOOD CREEK NEAR DUNLAP NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-29-48 W.
4-13	28.3	PINE CREEK NEAR RUSHVILLE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27-30-44 W.
4-13	0.70	RUSH CREEK NEAR RUSHVILLE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-31-44 W.
4-13	0.0	ANTELOPE CREEK NEAR GORDON NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-33-42 W.
4-13	0.0	ANTELOPE CREEK, TRIBUTARY TO, NEAR GORDON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-33-42 W.

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
4-13	0.0	ANTELOPE CREEK AT NORTH LINE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-33-41 W.
6-25	12.3	LONG PINE CREEK NEAR LONG PINE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20-29-20 W.
6-25	6.7	BONE CREEK AT AINSWORTH NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23-30-22 W.
6-25	34.0	BONE CREEK NEAR LONG PINE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-31-21 W.
6-25	9.4	SAND DRAW NEAR AINSWORTH NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-30-22 W.
6-25	16.6	SAND DRAW ABOVE AINSWORTH IRRIGATION WASTEWAY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-31-21 W.
6-26	4.9	WILLOW CREEK NEAR NEWPORT NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-32-17 W.
6-18	1,610	NIOBRARA RIVER AT MARIAVILLE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-32-17 W.
6-18	51.0	ASH CREEK NEAR MARIAVILLE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-32-17 W.

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
6-26	16.6	ASH CREEK NEAR NEWPORT NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-32-17 W.
6-26	0.10	BURTON CREEK NEAR SPRINGVIEW NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-33-20 W.
9-18	2.1	BEAVER CREEK NEAR STUART SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-32-15 W.
7-30	11.0	BIG SANDY CREEK NEAR STUART NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-31-15 W.
7-30	29.3	BIG SANDY CREEK NEAR DUSTIN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-32-15 W.
9-18	19.7	BIG SANDY CREEK NEAR DUSTIN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-32-15 W.
7-30	43.8	BIG SANDY CREEK NEAR DUSTIN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-33-14 W.
7-30	3.4	BRUSH CREEK NEAR ATKINSON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-31-14 W.
7-30	0.15	BRUSH CREEK, WEST FORK, NEAR ATKINSON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-31-14 W.

NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-30	1.1	BRUSH CREEK, EAST FORK, NEAR ATKINSON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-32-13 W.
9-18	9.9	BRUSH CREEK NEAR ATKINSON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-32-14 W.
7-30	15.4	BRUSH CREEK NEAR CATALPA SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-32-13 W.
9-18	0.28	SPRING BRANCH CREEK NEAR BUTTE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-32-13 W.
9-18	0.77	TURKEY CREEK NEAR O'NEILL NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-32-13 W.
7-30	5.9	TURKEY CREEK NEAR CATALPA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-33-12 W.
7-30	12.1	EAGLE CREEK, MIDDLE BRANCH, NEAR ATKINSON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-30-13 W.
7-30	5.9	EAGLE CREEK, NORTH BRANCH, NEAR ATKINSON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-31-12 W.
7-30	57.7	EAGLE CREEK, MIDDLE BRANCH, NEAR EMMET SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-31-12 W.

Date	Discharge sec.-ft.	Site and Location
7-30	9.8	EAGLE CREEK, EAST BRANCH, NEAR EMMET NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-31-12 W.
9-18	30.3	EAGLE CREEK NEAR O'NEILL NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20-31-12 W.
7-30	34.5	EAGLE CREEK NEAR MIDWAY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-31-12 W.
7-30	0.06	HONEY CREEK NEAR MIDWAY SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-31-12 W.
9-18	2.5	HONEY CREEK NEAR O'NEILL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-31-12 W.
9-18	Dry	CAMP CREEK NEAR MIDWAY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-31-11 W.
7-30	3.3	REDBIRD CREEK NEAR O'NEILL SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23-30-11 W.
7-30	1.4	REDBIRD CREEK, TRIBUTARY TO, NEAR O'NEILL SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-30-11 W.
7-31 9-19	30.8 25.4	REDBIRD CREEK NEAR OPPORTUNITY NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-31-11 W.

Date	Discharge sec.-ft.	Site and Location
9-19	1.6	SPRING CREEK NEAR SCOTTVILLE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-31-11 W.
7-30	3.6	BLACKBIRD CREEK NEAR O'NEILL SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-31-11 W.
7-31	5.5	BLACKBIRD CREEK NEAR MIDWAY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-31-12 W.
7-31	1.9	SPRING CREEK NEAR SCOTTVILLE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-31-10 W.
7-31 9-19	6.9 7.4	LOUSE CREEK NEAR SCOTTVILLE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-32-10 W.
7-30	3.6	SQUAM CREEK NEAR PISHELVILLE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-32-8 W.
7-30	9.7	STEEL CREEK NEAR PISHELVILLE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-32-8 W.
7-30	3.8	VERDIGRE CREEK, SOUTH BRANCH, NEAR ORCHARD NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-28-8 W.
7-30	8.0	BIG SPRING CREEK NEAR ORCHARD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22-28-8 W.

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

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
9-19	1.5	VERDIGRE CREEK, MIDDLE BRANCH, NEAR PAGE SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 22-29-9 W.
7-30	9.3	VERDIGRE CREEK, MIDDLE BRANCH, NEAR VENUS NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 13-29-9 W.
7-30	0.83	VERDIGRE CREEK, MIDDLE BRANCH, TRIBUTARY TO, NEAR VENUS NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 18-29-8 W.
7-30	22.3	VERDIGRE CREEK, MIDDLE BRANCH, NEAR VERDIGRE NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 28-30-7 W.
9-19	1.3	VERDIGRE CREEK, NORTH BRANCH, NEAR DORSEY NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 28-30-9 W.
7-30	13.0	VERDIGRE CREEK, NORTH BRANCH, NEAR STAR NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 15-30-9 W.

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS Year Ending December 31, 1984			MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984			MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984		
Date	Discharge sec.-ft.	Site and Location	Date	Discharge sec.-ft.	Site and Location	Date	Discharge sec.-ft.	Site and Location
		<u>BAZILE CREEK</u>			<u>HOWE CREEK NEAR CENTER</u> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-31-5 W.			<u>BOW CREEK</u>
		BAZILE CREEK NEAR BRUNSWICK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-28-5 W.	9-25	9.43		8-23	5.67	BOW CREEK NEAR HARTINGTON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-30-1 E.
9-18	4.96				<u>LOST CREEK</u>			
		BAZILE CREEK, TRIBUTARY TO, NEAR CREIGHTON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-28-5 W.	9-25	2.98	LOST CREEK NEAR SANTEE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-32-5 W.	8-23	12.2	PEARL CREEK NEAR HARTINGTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-30-1 E.
9-18	0.882				<u>COOK CREEK</u>			
		BAZILE CREEK, TRIBUTARY TO, NEAR CREIGHTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-28-5 W.	10-25	0.768	COOK CREEK NEAR LINDY NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-33-4 W.	8-23	8.47	NORWEGIAN BOW CREEK AT HARTINGTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-31-2 E.
9-18	0.0				<u>DEVILS NEST CREEK</u>			
		BAZILE CREEK AT BAZILE MILLS SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-29-5 W.	10-25	2.29	DEVILS NEST CREEK NEAR SANTEE SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-33-3 W.	8-23	0.035	DEAD CREEK NEAR HARTINGTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-31-2 E.
9-25	15.3				<u>WEIGAND CREEK</u>			
		SPRING CREEK AT BAZILE MILLS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-29-5 W.	10-25	0.99	WEIGAND CREEK AT GAVINS POINT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-33-2 W.	8-23	1.50	BOW CREEK, TRIBUTARY TO, NEAR HARTINGTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-31-2 E.
10-24	3.42				<u>BEAVER CREEK</u>			
		LITTLE BAZILE CREEK AT BLOOMFIELD SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-30-3 W.	6-25	0.99	BEAVER CREEK NEAR ATEN SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-33-1 W.	8-23	11.0	EAST BOW CREEK NEAR HARTINGTON NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-30-3 E.
10-25	1.93				<u>ANTELOPE CREEK</u>			
		LITTLE BAZILE CREEK NEAR CENTER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-30-5 W.	8-23	13.5	ANTELOPE CREEK NEAR MENOMINEE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-33-1 W.	8-23	1.71	EAST BOW CREEK, TRIBUTARY TO, NEAR HARTINGTON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-30-3 E.
9-25	20.0							
		SAND CREEK NEAR CENTER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-31-5 W.						
10-24	0.309							
		HOBEO CREEK NEAR LINDY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 13-32-4 W.	8-23	8.79				
10-25	0.1							

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-25	1.94	WEST BOW CREEK NEAR CROFTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-31-2 W.
8-23	5.92	WEST BOW CREEK NEAR CONSTANCE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3-31-1 W.
8-23	29.7	WEST BOW CREEK NEAR WYNOT NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-32-2 E.
8-23	7.35	SECOND BOW CREEK NEAR WYNOT SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-32-2 E.
8-22	1.19	<u>AMES CREEK</u> AMES CREEK NEAR OBERT SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-32-3 E.
9-26	7.50	<u>LIME CREEK</u> LIME CREEK NEAR MASKELL SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-32-4 E.
8-22	0.081	<u>DEER CREEK</u> DEER CREEK NEAR MASKELL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27-32-4 E.
8-22	0.46	<u>WALNUT CREEK</u> WALNUT CREEK NEAR MASKELL NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-32-4 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
8-22	1.12	<u>TURKEY CREEK</u> TURKEY CREEK NEAR MASKELL NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-31-4 E.
8-22	6.32	<u>AOWA CREEK</u> AOWA CREEK NEAR NEWCASTLE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-31-4 E.
9-6	5.55	POWDER CREEK NEAR NEWCASTLE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-30-5 E.
9-6	2.43	SILVER CREEK NEAR PONCA NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-30-6 E.
9-6	11.6	DAILY BRANCH AT MARTINSBURG SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-29-5 E.
9-6	30.9	SOUTH CREEK AT MARTINSBURG NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-29-5 E.
9-6	35.9	SOUTH CREEK NEAR PONCA NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-30-6 E.
9-6	57.1	AOWA CREEK AT PONCA NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-30-6 E.
9-6	1.78	AOWA CREEK, TRIBUTARY TO, NEAR PONCA SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-30-6 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
8-28	1.91	<u>ELK CREEK</u> ELK CREEK NEAR ALLEN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-28-6 E.
9-27	4.90	OTTER CREEK NEAR WILLIS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-28-6 E.
9-27	4.10	MINNOW CREEK NEAR WILLIS NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-28-6 E.
9-27	23.8	ELK CREEK NEAR WILLIS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-28-6 E.
9-27	29.9	ELK CREEK AT JACKSON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-29-7 E.
9-27	3.49	<u>PIGEON CREEK</u> PIGEON CREEK NEAR HUBBARD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-28-7 E.
9-26	9.32	PIGEON CREEK NEAR HOMER NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-27-8 E.
8-29	13.1	<u>OMAHA CREEK</u> NORTH OMAHA CREEK NEAR WINNEBAGO SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-26-8 E.

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
8-29	8.87	SOUTH OMAHA CREEK AT WALTHILL NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-25-10 E.
8-29	28.3	OMAHA CREEK NEAR WALTHILL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-26-8 E.
9-27	1.55	WIGGLE CREEK NEAR HOMER NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-27-8 E.
9-27	3.27	FIDDLERS CREEK AT HOMER NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14-27-8 E.
<u>BLACKBIRD CREEK</u>		
10-1	9.4	SOUTH BLACKBIRD CREEK NEAR LYONS SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-24-9 E.
<u>WOOD CREEK</u>		
10-1	1.25	WOOD CREEK NEAR DECATUR SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-24-10 E.
<u>ELM CREEK</u>		
10-1	0.139	LONE TREE CREEK NEAR DECATUR NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-23-10 E.
10-1	7.62	ELM CREEK NEAR DECATUR SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-23-10 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
<u>TEKAMAH CREEK</u>		
10-1	6.49	SILVER CREEK NEAR TEKAMAH SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-21-10 E.
10-1	2.29	TEKAMAH CREEK NEAR TEKAMAH SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-21-10 E.
10-1	5.75	TEKAMAH CREEK AT TEKAMAH NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-21-11 E.
10-1	11.3	TEKAMAH CREEK NEAR TEKAMAH AIRPORT SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-21-11 E.
<u>COMBINATION DITCH</u>		
10-1	0.032	COMBINATION DITCH NEAR DECATUR SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-22-11 E.
10-1	0.086	MUD CREEK NEAR TEKAMAH NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-21-11 E.
10-1	0.51	COMBINATION DITCH NEAR HERMAN NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-20-11 E.
<u>NEW YORK CREEK</u>		
10-11	7.17	NEW YORK CREEK NEAR HERMAN SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-20-11 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-11	1.64	HILL CREEK NEAR HERMAN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-20-10 E.
10-3	0.63	DAVIS CREEK NEAR HERMAN SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-20-10 E.
10-3	2.11	CARR CREEK NEAR HERMAN NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-20-11 E.
<u>STUART CREEK</u>		
10-1	0.0	CAMRON (PETERSON) DITCH NEAR TEKAMAH NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-21-11 E.
10-11	12.49	CAMRON (PETERSON) DITCH NEAR BLAIR SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-19-11 E.
10-11	0.0	STUART CREEK AT BLAIR NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-18-12 E.
<u>MILL CREEK</u>		
10-11	2.94	LONG CREEK NEAR FORT CALHOUN NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-17-12 E.
10-11	5.39	MILL CREEK NEAR BLAIR SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-18-12 E.

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		<u>MOORS CREEK</u>
		MOORS CREEK NEAR FORT CALHOUN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-17-12 E.
10-11	1.24	
		<u>TURKEY CREEK</u>
		TURKEY CREEK NEAR FORT CALHOUN NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-17-12 E.
10-11	0.0	
		<u>DEER CREEK</u>
		DEER CREEK NEAR FORT CALHOUN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-17-13 E.
10-11	0.87	
		<u>PONCA CREEK</u>
		PONCA CREEK NEAR OMAHA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-16-13 E.
9-21	0.54	
		<u>PAPILLION CREEK</u>
		BIG PAPILLION CREEK NEAR KENNARD NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-17-11 E.
10-12	13.6	
		BIG PAPILLION CREEK AT RALSTON NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-14-12 E.
9-13	29.19	
		KNIGHT CREEK AT OMAHA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-16-12 E.
9-12	1.47	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		THOMAS CREEK NEAR OMAHA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-16-12 E.
9-12	1.94	
		COLE CREEK AT OMAHA SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-15-12 E.
9-12	0.54	
		LITTLE PAPILLION CREEK AT OMAHA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-14-12 E.
9-13	9.38	
		PAPILLION CREEK, NORTH BRANCH OF WEST BRANCH, NEAR ELKHORN SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-15-11 E.
9-13	1.92	
		PAPILLION CREEK, TRIBUTARY TO, SOUTH BRANCH OF THE WEST BRANCH, NEAR PAPILLION NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-14-11 E.
9-11	0.306	
		PAPILLION CREEK, SOUTH BRANCH OF THE WEST BRANCH, NEAR PAPILLION SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-14-12 E.
9-11	5.05	
		WALNUT CREEK NEAR PAPILLION SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-14-12 E.
9-11	0.822	
		PAPILLION CREEK, WEST BRANCH, NEAR BELLEVUE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-14-13 E.
9-11	24.7	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		BIG PAPILLION CREEK NEAR BELLEVUE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-13-13 E.
9-11	65.7	

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		LANE DRAIN Sec. 30-23-57 W.
1-3	2.01	
2-17	1.93	
3-14	1.38	
4-25	2.91	
5-7	2.19	
5-21	2.05	
6-4	2.42	
6-18	1.50	
7-2	1.26	
7-17	1.69	
7-31	1.77	
8-7	2.76	
8-21	1.93	
9-4	2.15	
9-18	2.20	
10-2	1.97	
11-14	1.98	
12-11	2.86	
		DRY SPOTTEDTAIL CREEK, NEAR MITCHELL SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 26-25-56 W.
3-15	0.0	
		WET SPOTTEDTAIL CREEK NEAR MITCHELL NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-24-56 W.
3-15	6.74	
		KIOWA CREEK NEAR STEGALL NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-21-57 W.
3-14	1.56	
		BALD DRAIN Sec. 32-23-56 W.
1-17	0.0	
2-17	1.88	
3-15	2.42	
4-25	8.03	
5-7	2.82	
5-21	12.6	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		BALD DRAIN--Continued Sec. 32-23-56 W.
5-29	41.6	
6-11	49.0	
6-25	41.3	
7-9	25.9	
7-24	44.8	
8-14	16.1	
8-28	38.9	
9-11	34.7	
9-25	37.5	
10-2	10.6	
11-13	0.82	
12-10	1.01	
		FANING SEEP Sec. 28-23-56 W.
4-25	1.82	
5-15	2.46	
5-31	2.88	
6-14	2.54	
6-25	1.53	
7-9	0.0	
7-24	0.0	
8-7	0.0	
8-21	0.0	
9-11	0.0	
		WET SPOTTEDTAIL CREEK Sec. 6-22-55 W.
1-3	9.91	
2-29	8.81	
4-25	14.9	
5-10	11.9	
5-24	13.1	
6-7	17.6	
6-21	14.2	
7-5	14.5	
7-19	15.2	
8-2	12.7	
8-23	15.8	
9-6	12.9	
9-20	15.2	
10-4	12.6	
11-14	13.3	
12-11	13.1	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		SCOTTSBUFF DRAIN NO. 1 Sec. 25-22-55 W.
1-3	4.17	
2-6	3.17	
3-13	2.43	
4-16	2.80	
5-3	3.10	
5-17	2.72	
6-7	3.11	
6-28	3.24	
7-9	2.93	
7-26	3.72	
8-9	3.16	
8-23	4.77	
9-7	6.63	
9-21	3.06	
10-4	3.54	
11-13	3.39	
12-10	2.58	
		SCOTTSBUFF DRAIN NO. 2 Sec. 4-21-54 W.
1-11	2.23	
2-22	3.60	
3-15	2.27	
4-25	4.88	
5-9	3.39	
5-23	4.02	
6-6	6.45	
6-20	4.90	
7-11	5.57	
7-20	4.42	
8-3	4.74	
8-17	4.06	
8-31	4.65	
9-14	8.41	
10-9	3.05	
11-20	2.96	
12-19	3.44	
		MELBETA DRAIN Sec. 13-21-54 W.
1-9	1.86	
2-13	1.82	
3-12	1.67	

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		MELBETA DRAIN--Continued Sec. 13-21-54 W.
4-16	2.05	
10-4	2.52	
11-20	1.99	
12-19	3.39	
		WINTER CREEK NEAR LAKE MINATARE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-23-53 W.
3-15	0.0	
		FAIRFIELD SEEP Sec. 18-21-53 W.
1-11	1.15	
2-22	0.82	
3-15	1.15	
5-2	2.53	
5-10	2.80	
5-30	3.46	
6-13	3.51	
6-27	3.05	
7-11	2.71	
7-27	3.06	
8-10	3.24	
8-24	3.06	
9-7	4.62	
9-21	2.74	
10-9	2.02	
11-13	0.96	
12-19	0.0	
		ALLIANCE DRAIN Sec. 20-22-53 W.
3-15	5.08	
5-2	6.25	
5-16	7.01	
5-30	5.10	
6-13	15.6	
7-11	2.73	
7-20	2.21	
8-3	2.69	
8-17	2.40	
8-31	3.73	
9-14	9.61	

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		CLEVELAND DRAIN Sec. 6-20-52 W.
1-9	1.63	
2-13	1.42	
3-12	1.38	
10-3	24.6	
10-31	2.51	
12-13	1.29	
		DeGRAW DRAIN Sec. 24-20-51 W.
1-4	3.59	
2-6	4.32	
3-12	3.73	
3-26	7.04	
5-3	6.87	
5-14	3.74	
6-1	7.85	
6-11	9.55	
6-25	4.22	
7-9	11.8	
7-23	10.0	
8-9	14.3	
8-20	17.3	
9-6	14.1	
9-20	11.0	
10-5	8.68	
10-19	4.77	
11-15	3.74	
11-29	3.60	
		INDIAN CREEK Sec. 19-20-50 W.
1-4	6.89	
2-6	5.85	
3-12	5.19	
3-26	5.21	
10-4	15.8	
10-19	10.3	
11-15	8.09	
11-29	8.13	

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		SILVERNAIL DRAIN Sec. 6-19-49 W.
1-4	5.91	
1-23	5.60	
2-21	5.26	
2-28	4.88	
3-29	4.43	
4-19	4.60	
10-2	7.94	
10-16	7.77	
10-31	7.91	
11-14	6.70	
11-29	6.37	
12-19	5.82	
12-31	6.02	
		BULL CANYON DRAIN NEAR HARRISBURG SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-19-57 W.
3-27	0.0	
		WILLOW CREEK NEAR HARRISBURG NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-19-56 W.
3-27	0.0	
		PUMPKIN CREEK ABOVE SCOTT RESERVOIR Sec. 12-19-56 W.
3-27	2.60	
		PUMPKIN CREEK AT GERING-KIMBALL HIGHWAY Sec. 4-19-55 W.
3-27	1.18	
		PUMPKIN CREEK, TRIBUTARY TO, NEAR HARRISBURG NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-19-55 W.
3-27	0.0	

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
3-27	0.0	INDIAN SPRINGS CANYON NEAR HARRISBURG NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-19-54 W.
3-27	0.42	PUMPKIN CREEK ABOVE HEARD CANAL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-19-54 W.
3-27	0.84	PUMPKIN CREEK NEAR HARRISBURG NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-19-53 W.
3-27	1.11	PUMPKIN CREEK NEAR REDINGTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-19-53 W.
3-27	4.04	PUMPKIN CREEK BELOW MUTUAL CANAL NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-19-52 W.
3-27	0.61	LAWRENCE FORK CREEK NEAR KIRK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-18-52 W.
3-27	4.20	LAWRENCE FORK CREEK NEAR REDINGTON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-18-52 W.
3-27	0.0	LAWRENCE FORK CREEK AT REDINGTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-19-52 W.
3-27	0.0	MIDDLE CREEK NEAR REDINGTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-19-51 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
4-10	11.0	PUMPKIN CREEK BELOW COURT HOUSE ROCK CANAL SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-19-50 W.
4-10	11.4	PUMPKIN CREEK ABOVE MEREDITH-AMMER CANAL NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-19-50 W.
4-16	5.73	GREENWOOD CREEK NEAR DALTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-18-50 W.
4-16	9.91	GREENWOOD CREEK NEAR REDINGTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-18-50 W.
1-9	3.76	GREENWOOD CREEK NEAR BRIDGEPORT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-19-50 W.
2-6	3.74	
3-12	4.00	
4-16	5.30	
5-17	6.48	
6-21	5.31	
7-19	0.0	
8-16	0.0	
9-20	0.0	
10-31	1.36	
12-11	4.18	
4-10	24.2	
3-29	0.0	PLUM CREEK NEAR BRIDGEPORT SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-20-49 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
4-16	0.93	DEEP HOLES CREEK NEAR DALTON NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-18-49 W.
4-16	0.11	DEEP HOLES CREEK NEAR BROADWATER NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-19-48 W.
4-19	0.0	CEDAR CREEK, WEST FORK, NEAR DALTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-18-48 W.
4-19	4.94	CEDAR CREEK, WEST FORK, NEAR TWIN FORK BRANCH Sec. 28-18-48 W.
4-19	4.70	CEDAR CREEK, WEST FORK, NEAR ARROWHEAD RESERVOIR Sec. 28-18-48 W.
4-19	10.7	CEDAR CREEK ABOVE BUCHANAN PUMP NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-18-48 W.
		CEDAR CREEK NEAR BROADWATER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-18-48 W.
1-4	8.95	
1-23	10.0	
2-14	10.9	
2-28	10.9	
3-29	9.13	
4-19	10.1	
10-2	16.4	
10-16	8.88	
10-30	9.53	
11-13	8.88	
11-28	10.1	
12-19	9.76	
12-31	9.55	

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		COLD WATER CREEK BELOW LISCO CANAL NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 34-18-46 W.
1-5	3.92	
2-13	4.32	
3-21	3.90	
10-2	3.50	
10-16	3.87	
11-14	0.17	
11-28	3.70	
12-19	3.82	
12-31	3.91	
		RUSH CREEK NEAR LODGEPOLE SW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 24-15-47 W.
4-16	0.0	
		RUSH CREEK NEAR LISCO NE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 17-17-45 W.
1-6	1.41	
2-14	4.40	
3-9	2.86	
4-16	4.23	
5-22	3.49	
6-26	3.89	
7-24	0.77	
8-21	0.84	
9-25	2.36	
10-16	3.19	
11-13	3.50	
12-19	0.91	
		LOST CREEK NORTH OF OSHKOSH NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 26-17-44 W.
3-21	0.0	
4-24	0.26	
		BLUE CREEK NEAR CRESCENT LAKE SE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 34-20-44 W.
3-23	0.70	

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		BLUE CREEK AT DOGTOWN FLATS SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 24-19-44 W.
3-23	23.3	
		BLUE CREEK NEAR OSHKOSH NW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 14-18-43 W.
3-23	56.5	
		BLUE CREEK NEAR LEWELLEN NE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 32-18-43 W.
3-23	81.4	
		ASH HOLLOW CREEK NEAR OSHKOSH SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 22-15-44 W.
3-21	0.0	
		ASH HOLLOW CREEK NEAR LEWELLEN SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 14-15-42 W.
3-21	0.0	
		CLEAR CREEK NEAR LEWELLEN SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 29-16-41 W.
1-26	9.33	
2-13	10.0	
3-23	8.48	
6-14	12.5	
8-10	4.27	
9-21	8.21	
11-2	9.27	
12-5	8.39	
		OTTER CREEK NEAR LeMOYNE SW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 5-15-40 W.
1-26	22.2	
2-13	22.3	
3-23	20.5	
6-14	20.5	
8-10	19.8	
9-21	18.4	
11-2	20.7	
12-5	21.4	

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		SAND CREEK SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 33-15-40 W.
1-26	4.16	
2-13	3.95	
3-23	3.75	
6-14	4.28	
8-10	3.94	
9-21	3.40	
11-2	4.07	
12-5	3.83	
		EAST LONERGAN CREEK NEAR LeMOYNE SE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 8-15-39 W.
3-23	4.88	
		LONERGAN CREEK NEAR LeMOYNE Sec. 17-15-39 W.
1-26	5.92	
2-13	5.30	
6-14	7.97	
8-1	5.72	
8-10	5.25	
9-21	4.52	
11-2	4.69	
12-5	4.47	
		SUTHERLAND POND DRAIN AT KEYSTONE SE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 1-14-38 W.
4-16	4.46	
5-1	5.13	
6-5	6.82	
7-2	9.65	
8-7	12.9	
8-28	8.84	
9-24	11.2	
10-1	6.65	
		WHITE TAIL CREEK NEAR KEYSTONE SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 36-15-38 W.
4-16	25.7	
6-6	26.0	
6-27	25.7	

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		WHITE TAIL CREEK NEAR KEYSTONE--Continued SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-15-38 W.
8-8	25.6	
8-28	25.0	
9-21	25.5	
10-1	27.1	
		SKUNK CREEK NEAR KEYSTONE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-14-37 W.
4-16	1.96	
5-22	2.42	
6-6	1.81	
6-27	0.10	
8-8	1.79	
8-28	2.00	
9-21	1.86	
10-1	2.41	
		GRAVEL CREEK NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-14-36 W.
4-16	3.47	
5-22	2.46	
6-6	2.31	
6-27	2.43	
8-8	1.84	
8-28	2.36	
9-21	1.75	
10-1	1.04	
		SARBEN SLOUGH NEAR SARBEN Sec. 20-14-35 W.
2-27	8.01	
4-17	6.98	
5-10	6.16	
5-22	6.88	
6-6	5.85	
6-27	6.19	
7-26	6.38	
8-8	8.03	
8-14	11.5	
8-21	11.5	
8-29	9.53	
9-4	10.1	
9-12	7.88	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		SARBEN SLOUGH NEAR SARBEN--Continued Sec. 20-14-35 W.
9-18	6.91	
9-24	8.01	
10-1	7.93	
10-15	8.41	
10-29	7.83	
		CEDAR BRANCH CREEK NEAR NEVINS Sec. 17-14-35 W.
4-17	0.97	
5-22	1.54	
6-6	1.11	
6-27	1.52	
7-30	1.76	
8-29	1.59	
9-18	1.38	
10-2	2.79	
		KEITH-LINCOLN COUNTY DRAIN NO. 2 NEAR SARBEN Sec. 24-14-35 W.
5-10	0.0	
6-6	0.32	
6-27	0.60	
7-30	0.32	
8-29	1.19	
9-18	0.41	
		LINCOLN COUNTY DRAIN NO. 2 NEAR SUTHERLAND Sec. 12-14-33 W.
4-17	1.49	
5-10	3.43	
6-4	3.58	
6-27	1.95	
7-30	5.60	
8-15	5.78	
8-29	4.74	
9-18	2.48	
10-2	2.64	

SOUTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-4	20.9	LOGEPOLE CREEK AT WYOMING- NEBRASKA STATE LINE Sec. 11-14-59 W.
5-16	0.0	LOGEPOLE CREEK, TRIBUTARY TO NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-15-57 W.
5-16	0.0	LOGEPOLE CREEK, TRIBUTARY TO NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-15-56 W.
5-16	0.0	LOGEPOLE CREEK NEAR BUSHNELL Sec. 33-15-57 W.
5-16	14.5	
5-25	34.4	
6-4	18.7	
6-27	9.90	
7-9	6.05	
7-18	6.52	
7-30	6.08	
8-20	6.81	
9-5	4.24	
9-21	6.65	
4-19	18.3	LOGEPOLE CREEK NEAR KIMBALL NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-15-55 W.
6-13	73.5	
4-19	18.0	LOGEPOLE CREEK BELOW BENNETT RESERVOIR SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-15-55 W.
4-19	16.4	LOGEPOLE CREEK NEAR DIX SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-15-54 W.
6-13	11.9	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-4	14.8	LOGEPOLE CREEK NEAR POTTER Sec. 6-14-52 W.
2-21	1.78	LOGEPOLE CREEK SOUTH OF BROWNSON Sec. 19-14-50 W.
5-4	4.76	
6-13	2.40	
8-20	1.82	
5-16	0.0	SIDNEY DRAW AT NEBRASKA- COLORADO STATE LINE NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-12-56 W.
5-16	0.0	SIDNEY DRAW, TRIBUTARY TO NORTH BRANCH, NEAR BUSHNELL NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-14-57 W.
5-16	0.0	SIDNEY DRAW, TRIBUTARY TO SOUTH BRANCH, NEAR BUSHNELL SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-13-57 W.
5-16	0.0	SIDNEY DRAW, TRIBUTARY TO, NEAR KIMBALL SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-14-55 W.
5-16	0.0	SIDNEY DRAW, TRIBUTARY TO, NEAR BROWNSON NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-13-51 W.
5-16	0.0	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-16	0.0	SIDNEY DRAW NEAR BROWNSON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-13-51 W.
5-4	0.0	LOGEPOLE CREEK WEST OF SIDNEY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-14-50 W.
2-21	0.0	LOGEPOLE CREEK AT SIDNEY CITY PARK Sec. 6-13-49 W.
5-4	0.0	
6-13	0.0	
8-20	0.0	
4-18	0.0	LOGEPOLE CREEK NEAR SUNOL SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-14-48 W.
4-18	0.05	LOGEPOLE CREEK SOUTHEAST OF LOGEPOLE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32-14-46 W.
4-18	0.0	COW CREEK NEAR LOGEPOLE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-13-46 W.
4-18	4.42	LOGEPOLE CREEK NEAR CHAPPELL NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22-13-45 W.
4-18	6.56	LOGEPOLE CREEK AT RALTON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-12-45 W.
6-15	2.80	
9-19	0.0	

SOUTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge</u> <u>sec.-ft.</u>	<u>Site and Location</u>
		WALRATH DRAW NEAR BIG SPRINGS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-13-43 W.
4-18	0.0	
		FREMONT SLOUGH ON HIGHWAY 83 Sec. 16-13-30 W.
1-16	25.9	
4-9	46.5	
4-25	34.1	
10-2	19.6	
11-13	26.4	
12-18	23.5	
		FREMONT SLOUGH Sec. 17-13-29 W.
4-25	10.0	
5-11	8.96	
5-22	10.5	
6-6	8.19	
7-2	8.54	
7-17	2.94	
8-2	4.74	
8-21	9.04	
9-5	6.49	
9-17	3.79	
10-2	5.13	

PLATTE RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		<u>PLATTE RIVER, BRANCH CONFLUENCE TO THE LOUP RIVER</u>
		AIRPORT DRAIN Sec. 7-13-29 W.
5-11	23.9	
6-6	37.2	
6-19	46.2	
7-5	30.5	
7-18	28.7	
8-2	29.4	
8-21	28.4	
9-5	33.5	
9-18	20.3	
10-2	17.4	
		FLOCK DRAIN Sec. 8-13-29 W.
4-25	4.60	
5-11	5.86	
5-22	9.29	
6-6	8.18	
7-2	14.1	
7-17	18.2	
8-2	22.1	
8-21	20.2	
9-5	17.3	
9-17	11.9	
10-2	8.74	
		BULL DRAIN NEAR MAXWELL Sec. 20-13-28 W.
4-9	7.50	
4-30	14.6	
5-11	6.88	
5-23	4.05	
6-6	3.26	
6-19	6.04	
7-5	5.00	
7-18	3.78	
8-2	2.45	
8-21	1.90	
9-5	1.86	
9-18	2.59	
10-2	3.40	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		PANNEE CREEK Sec. 4-12-27 W.
5-15	10.3	
5-23	10.1	
6-6	10.2	
6-19	23.2	
7-5	12.8	
7-18	6.76	
8-2	9.52	
8-21	7.36	
9-5	4.46	
9-18	5.94	
10-2	6.41	
		WARM SLOUGH NEAR CHAPMAN NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-12-8 W.
7-2	Ponded	
		WARM SLOUGH NEAR CENTRAL CITY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-14-5 W.
7-2	14.9	
		SILVER CREEK NEAR CENTRAL CITY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-14-6 W.
7-3	1.5	
		SILVER CREEK, TRIBUTARY TO, NEAR HAVENS NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-15-4 W.
7-3	6.2	
		SILVER CREEK NEAR HAVENS NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-15-4 W.
7-3	16.1	
		PRAIRIE CREEK NEAR ARCHER SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-14-7 W.
7-2	16.4	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-2	0.50	PRAIRIE SLOUGH NEAR ARCHER NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-14-7 W.
		PRAIRIE CREEK NEAR FULLERTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-15-6 W.
7-2	53.7	
		PRAIRIE CREEK NEAR SILVER CREEK SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-16-2 W.
7-3	106	

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge</u> <u>sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge</u> <u>sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge</u> <u>sec.-ft.</u>	<u>Site and Location</u>
		<u>MIDDLE LOUP RIVER TO CONFLUENCE</u> <u>WITH SOUTH LOUP RIVER</u>			<u>VICTORIA CREEK NEAR MILBURN</u> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-20-21 W.			<u>DEER CREEK NEAR BOELIUS</u> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-13-12 W.
7-11	4.1	MIDDLE LOUP RIVER, NORTH BRANCH, NEAR WHITMAN NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-26-36 W.	7-13	6.8		7-16	1.5	
		MIDDLE LOUP RIVER, MIDDLE BRANCH, NEAR WHITMAN NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-25-36 W.	7-13	0.43	SAND CANYON AT SARGENT SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-19-18 W.			<u>SOUTH LOUP RIVER</u>
7-11	8.4				WAGNER CREEK NEAR COMSTOCK NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-18-17 W.	7-12	2.4	SOUTH LOUP RIVER AT STAPLETON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-18-28 W.
		MIDDLE LOUP RIVER, SOUTH BRANCH, NEAR WHITMAN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-25-36 W.	7-13	0.59				SOUTH LOUP RIVER NEAR ARNOLD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-17-25 W.
7-11	11.4				HAWTHORNE CREEK NEAR ARCADIA SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-17-16 W.	7-12	19.3	
		MIDDLE LOUP RIVER NEAR MULLEN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-24-32 W.	7-13	0.0				SAND CREEK NEAR ARNOLD NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-17-25 W.
7-11	156				HAWTHORNE CREEK AT ARCADIA NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-17-16 W.	7-12	0.27	
		MIDDLE LOUP RIVER AT THEDFORD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-23-28 W.	7-13	4.8				SOUTH LOUP RIVER NEAR CALLAWAY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-16-24 W.
7-11	323				HAYS CREEK NEAR ARCADIA SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-16-15 W.	7-12	68.1	
		DISMAL RIVER, NORTH FORK, NEAR MULLEN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-22-32 W.	7-13	0.56				SAND CREEK AT CALLAWAY NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-15-23 W.
7-11	50.1				COLE CREEK NEAR LOUP CITY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-16-15 W.	7-12	1.0	
		DISMAL RIVER, SOUTH FORK, NEAR MULLEN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-22-32 W.	7-16	0.41				SOUTH LOUP RIVER NEAR CALLAWAY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-15-22 W.
7-11	30.8				DEAD HORSE CREEK AT LOUP CITY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-15-14 W.	7-12	123	
		VICTORIA CREEK NEAR ANSELMO SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-19-21 W.	7-16	0.0				SPRING CREEK NEAR CALLAWAY NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-15-22 W.
7-13	0.70				BROWN CREEK NEAR LOUP CITY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-15-14 W.	7-12	4.4	
					ROCK CREEK NEAR ROCKVILLE NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-13-13 W.	7-12	0.36	SOUTH LOUP RIVER, TRIBUTARY TO, NEAR OCONTO SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-14-21 W.
			7-16	0.28				

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-13	134	SOUTH LOUP RIVER NEAR OCONTO SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-14-21 W.
7-13	0.05	BURR OAK CREEK NEAR OCONTO NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-14-20 W.
7-13	0.0	BOX ELDER CREEK NEAR HILTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-13-19 W.
7-13	210	SOUTH LOUP RIVER NEAR CUMRO NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-12-18 W.
7-13	170	SOUTH LOUP RIVER AT PLEASANTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-12-16 W.
7-13	1.1	CEDAR CREEK AT POOLE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-12-15 W.
7-13	178	SOUTH LOUP RIVER AT RAVENNA SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-12-14 W.
7-26	2.2	MUD CREEK NEAR BROKEN BOW SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-16-20 W.
7-26	8.1	MUD CREEK AT AHSLEY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-15-18 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-26	18.8	MUD CREEK NEAR LITCHFIELD SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-14-16 W.
8-2	0.08	BLOODY RUN CREEK NEAR SWEETWATER NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-13-15 W.
8-2	6.6	LOUP RIVER, SOUTH LOUP RIVER TO NORTH LOUP RIVER OAK CREEK NEAR LOUP CITY NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-15-14 W.
8-2	10.9	OAK CREEK AT ASHTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-15-13 W.
8-2	2.2	LAKE CREEK NEAR ST. PAUL NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-14-10 W.
5-30	0.19	NORTH LOUP RIVER NORTH LOUP RIVER NEAR WHITMAN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-27-36 W.
5-30	78.7	NORTH LOUP RIVER NEAR DOUGHBOY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-28-32 W.
5-30	13.6	BIG HORSE CREEK NEAR BROWNLEE SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-27-30 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-30	3.1	BRUSH CREEK NEAR BROWNLEE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-27-29 W.
5-30	224	NORTH LOUP RIVER AT BROWNLEE SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-27-28 W.
5-30	0.14	NORTH LOUP RIVER, TRIBUTARY TO, AT BROWNLEE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-17-28 W.
5-31	2.0	CALF CREEK NEAR PURDUM SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-25-26 W.
5-31	274	NORTH LOUP RIVER AT PURDUM NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-24-25 W.
5-31	1.0	GOOSE CREEK NEAR BROWNLEE NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-28-28 W.
5-31	35.4	GOOSE CREEK NEAR PURDUM SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-24-24 W.
5-31	417	NORTH LOUP RIVER AT BREWSTER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-23-22 W.
5-31	0.0	CEDAR CREEK NEAR TAYLOR SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-21-17 W.

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-31	61.0	CALAMUS RIVER NEAR BREWSTER SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-26-22 W.
5-31	4.5	SKULL CREEK NEAR OVITT NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-24-20 W.
5-31	3.4	BLOODY CREEK NEAR OVITT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-24-19 W.
5-31	0.40	GRACIE CREEK NEAR HARROP SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-23-17 W.
5-31	0.0	JONES CANYON NEAR BURWELL NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-21-15 W.
5-31	1.8	BEAN CREEK NEAR ELYRIA SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-20-15 W.
5-31	0.0	GRAVEL CREEK NEAR ELYRIA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-20-14 W.
6-5	9.8	TURTLE CREEK, NORTH BRANCH, NEAR ELYRIA NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-20-15 W.
1-17	0.0	TURTLE CREEK, SOUTH BRANCH, NEAR ELYRIA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-19-15 W.
2-8	0.0	
3-7	0.0	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
4-6	0.0	TURTLE CREEK, SOUTH BRANCH, NEAR ELYRIA--Continued SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-19-15 W.
5-2	0.0	
5-31	0.0	
6-5	0.0	
6-25	0.0	
8-1	0.06	
8-23	0.0	
9-20	0.0	
10-11	0.0	
1-17	0.0	TURTLE CREEK, SOUTH BRANCH, TRIBUTARY TO, NEAR ORD SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-19-15 W.
2-8	0.0	
3-7	0.0	
4-6	0.0	
5-2	0.0	
5-31	0.0	
6-5	0.0	
6-25	0.0	
8-1	0.0	
8-23	0.0	
9-20	0.0	
10-11	0.0	
5-31	0.46	HASKELL CREEK NEAR ORD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-19-14 W.
6-7	0.18	DANE CREEK NEAR ORD NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20-19-14 W.
5-31	0.12	ELM CREEK NEAR ORD NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-19-14 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
6-5	0.22	MESSENGER CREEK NEAR ORD SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-19-13 W.
5-31	0.01	McDOWELL CANYON NEAR NORTH LOUP SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-18-13 W.
6-5	0.03	STEWART CREEK NEAR NORTH LOUP SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-18-12 W.
6-5	0.02	SHEPHERD CREEK NEAR NORTH LOUP SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-18-12 W.
6-5	Ponded	MIRA CREEK, NORTH BRANCH, NEAR NORTH LOUP NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-18-13 W.
6-5	0.11	MIRA CREEK, SOUTH BRANCH, NEAR NORTH LOUP NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-18-13 W.
6-5	0.11	WALLACE CREEK AT SCOTIA SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-17-12 W.
6-5	0.01	DAVIS CREEK NEAR COTESFIELD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-17-12 W.
6-5	5.6	FISH CREEK NEAR COTESFIELD SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 31-17-11 W.
6-5	Ponded	

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
6-5	Dry	MOFFET CREEK NEAR ELBA NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 27-16-11 W.
6-5	5.1	MUNSON CREEK NEAR ELBA SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-16-11 W.
6-5	2.7	AUGER CREEK AT ELBA NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 9-15-11 W.
6-5	1.9	NORTH LOUP RIVER, TRIBUTARY TO, NEAR ELBA NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 24-15-11 W.
6-5	0.08	CEDAR CREEK NEAR ST. PAUL SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 8-15-10 W.
6-7	0.06	CADY CREEK NEAR CUSHING NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 14-15-10 W.
6-7	11.3	LOWER LOUP RIVER ABOVE CEDAR RIVER SPRING CREEK NEAR CUSHING NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 5-15-9 W.
6-7	0.58	ROCK CREEK NEAR CUSHING NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 7-15-8 W.
6-7	0.45	COTTONWOOD CREEK NEAR PALMER NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10-15-8 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
6-7	2.6	ELK CREEK NEAR PALMER SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 23-15-8 W.
6-7	1.3	HORSE CREEK NEAR FULLERTON SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 33-16-7 W.
6-7	Dry	COLT CREEK NEAR FULLERTON NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 35-16-7 W.
6-7	0.11	MARE CREEK NEAR FULLERTON NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 35-16-7 W.
5-29	4.2	<u>CEDAR RIVER</u> BIG CEDAR CREEK NEAR SWAN LAKE NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 8-24-15 W.
5-29	14.4	BIG CEDAR CREEK NEAR DUMAS NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 28-24-14 W.
5-29	2.7	LITTLE CEDAR CREEK NEAR SWAN LAKE SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 29-24-15 W.
5-29	65.5	CEDAR CREEK NEAR GABLES SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 32-23-13 W.
5-29	136	CEDAR RIVER AT ERICSON SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 15-21-12 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-29	148	CEDAR RIVER NEAR ERICSON SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 25-21-12 W.
5-30	241	CEDAR RIVER AT PRIMROSE NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 17-19-8 W.
5-30	289	CEDAR RIVER AT CEDAR RAPIDS SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 5-18-7 W.
5-30	296	CEDAR RIVER AT BELGRADE SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 2-17-7 W.
5-30	13.0	TIMBER CREEK NEAR BELGRADE NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 26-17-7 W.
		<u>BEAVER CREEK</u>
		BEAVER CREEK NEAR BARTLETT ² SW $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-23-11 W.
5-18	11.7	
6-26	25.3	
7-16	3.58	
8-27	1.27	
9-21	0.0	
10-23	10.78	
12-19	2.67	
6-26	45.4	
7-16	8.91	
8-27	3.61	
9-21	1.54	
10-23	23.2	
12-19	8.95	
		BEAVER CREEK NEAR BARTLETT ² SW $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-23-10 W.

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		BEAVER CREEK ² SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 21-23-9 W.
6-26	59.9	
7-16	13.6	
8-27	7.32	
9-21	5.13	
10-23	28.5	
12-19	15.5	
		BEAVER CREEK ² SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-23-9 W.
6-26	87.1	
7-16	17.2	
8-27	11.2	
9-21	8.7	
10-23	35.1	
12-19	20.6	
		BEAVER CREEK NEAR RAEVILLE ² W $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-22-8 W.
6-26	105	
7-16	24.1	
8-27	18.1	
9-21	15.3	
10-23	45.1	
12-19	34.8	
		BEAVER CREEK NEAR PETERSBURG ² W $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-22-8 W.
6-26	138	
7-16	38.5	
8-27	32.0	
9-21	30.3	
10-23	64.9	
12-19	52.3	
		BEAVER CREEK ² E $\frac{1}{2}$ Sec. 31-22-7 W.
6-26	146	
7-16	43.4	
8-27	36.8	
9-21	29.5	
10-23	73.8	
12-19	69.2	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		BEAVER CREEK NEAR LORETTO ² W $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-21-7 W.
6-26	151	
7-16	52.9	
8-27	38.6	
9-21	33.3	
12-19	76.7	
		LOWER LOUP RIVER
		LOOKING GLASS CREEK NEAR GENOA SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-18-3 W.
9-27	1.42	
		LOOKING GLASS CREEK NEAR MONROE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-17-3 W.
9-27	11.3	
		LOUP RIVER, TRIBUTARY TO, NEAR MONROE NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-17-3 W.
9-27	0.77	
		CHERRY CREEK NEAR MONROE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-18-3 W.
9-27	0.0	
		CHERRY CREEK NEAR MONROE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-17-2 W.
9-27	0.0	
		LOUP RIVER, TRIBUTARY TO, BELOW LAKE NEAR MONROE SW $\frac{1}{4}$ Sec. 1-16-3 W.
4-10	19.7	
		LOUP RIVER, TRIBUTARY TO, WEST ROAD DITCH NEAR MONROE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-17-3 W.
4-10	18.4	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		LOUP RIVER, TRIBUTARY TO, WEST ROAD DITCH NEAR MONROE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24-17-3 W.
4-10	12	
		LOUP RIVER, TRIBUTARY TO, NEAR MONROE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-18-2 W.
9-27	0.0	
		LOUP RIVER, TRIBUTARY TO, NEAR MONROE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-18-2 W.
9-27	2.98	

PLATTE RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		PLATTE RIVER, LOUP RIVER TO ELKHORN RIVER
9-27	7.92	PLATTE RIVER, TRIBUTARY TO, NEAR COLUMBUS SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-17-1 E.
7-17	1.59	CLEAR CREEK NEAR SHELBY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-16-2 W.
7-17	57.1	CLEAR CREEK NEAR BELLWOOD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-16-2 E.
7-17	5.96	WILSON CREEK NEAR BELLWOOD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-16-1 E.
7-17	20.2	BONE CREEK NEAR OCTAVIA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-17-3 E.
9-27	1.66	SHELL CREEK NEAR LINDSAY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-20-3 W.
9-27	0.53	ELM CREEK AT PLATTE CENTER NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-18-2 W.
9-27	8.14	SHELL CREEK NEAR PLATTE CENTER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-18-1 W.
9-27	4.75	LOSEKE CREEK NEAR RICHLAND SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-18-1 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-27	1.47	SHELL CREEK, TRIBUTARY TO, NEAR RICHLAND SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-18-2 E.
9-27	28.0	SHELL CREEK NEAR SCHUYLER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-17-4 E.
9-27	0.0	LOST CREEK ABOVE LOUP POWER CANAL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-17-1 E.
9-27	15.1	LOST CREEK NEAR COLUMBUS NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-17-1 E.
9-27	4.40	LOST CREEK, TRIBUTARY TO, AT RICHLAND NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-17-3 E.
9-27	16.2	LOST CREEK NEAR SCHUYLER SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-17-4 E.
9-27	0.0	PLATTE RIVER, TRIBUTARY TO, NEAR NORTH BEND NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-17-4 E.
7-17	35.1	SKULL CREEK NEAR LINWOOD NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-17-4 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-20	0.0	PLATTE RIVER, TRIBUTARY TO, NEAR NORTH BEND SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-17-5 E.
9-20	0.393	PLATTE RIVER, TRIBUTARY TO, NEAR AMES SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-17-7 E.
9-20	2.84	PLATTE RIVER, TRIBUTARY TO, NEAR FREMONT SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-17-7 E.

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		UPPER ELKHORN RIVER
7-17	0.62	ELKHORN RIVER NEAR NEWPORT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-29-17 W.
7-17	1.85	ELKHORN RIVER, SOUTH BRANCH, NEAR STUART ³ SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-30-16 W.
10-15	3.2	
7-17	2.24	ELKHORN RIVER, NORTH BRANCH, NEAR STUART SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-31-16 W.
7-17	0.0	KEEGAN CREEK NEAR STUART SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-30-15 W.
7-17	0.0	DRY CREEK NEAR ATKINSON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-29-14 W.
7-17	4.39	HOLT CREEK NEAR ATKINSON ³ NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-28-14 W.
10-15	5.4	
10-16	50.8	ELKHORN RIVER NEAR EMMET ¹ SW $\frac{1}{4}$ Sec. 23-29-13 W.
7-17	0.0	DRY CREEK NEAR AMELIA SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-27-14 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-16	9.63	DRY CREEK NEAR O'NEILL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-28-11 W.
7-16	0.0	ELKHORN RIVER, TRIBUTARY TO, NEAR PAGE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-27-9 W.
7-17	1.86	WILLOW SWAMP CREEK NEAR EWING SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-27-10 W.
7-17	0.0	ELKHORN RIVER, SOUTH FORK, NEAR CHAMBERS NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-26-11 W.
7-17	0.0	ELKHORN RIVER, SOUTH FORK, TRIBUTARY TO, NEAR CHAMBERS NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-25-11 W.
7-17	0.0	CACHE CREEK NEAR GOOSE LAKE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-25-11 W.
7-17	0.49	
7-16	13.7	CACHE CREEK NEAR EWING ³ SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-26-9 W.
10-16	15.6	
7-16	7.43	CLEARWATER CREEK NEAR EWING SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-25-9 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-16	16.7	CLEARWATER CREEK NEAR CLEARWATER NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-25-8 W.
7-16	0.052	HACKBERRY CREEK NEAR CLEARWATER SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-26-7 W.
7-16	1.06	ANTELOPE CREEK NEAR NELIGH NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-25-7 W.
7-16	0.054	HALL CREEK AT NELIGH NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-25-6 W.
7-16	0.252	BELMAR CREEK AT NELIGH NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-25-6 W.
9-7	10.05	CEDAR CREEK AT OAKDALE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-24-6 W.
9-7	0.0	ELM CREEK NEAR OAKDALE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-24-5 W.
9-7	0.128	SAINT CLAIR CREEK NEAR OAKDALE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-24-5 W.
9-7	0.58	IVES CREEK NEAR TILDEN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-24-5 W.

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-5	5.07	GILES CREEK NEAR TILDEN SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 13-24-5 W.
9-5	0.62	AL HOPKINS CREEK NEAR TILDEN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-24-5 W.
9-5	0.565	DRY CREEK NEAR TILDEN NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 21-24-4 W.
10-29	3.6	BUFFALO CREEK NEAR MEADOW GROVE ¹ SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-24-4 W.
9-7	2.406	BUFFALO CREEK AT MEADOW GROVE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 24-24-4 W.
9-5 10-29	2.11 2.8	DEER CREEK NEAR MEADOW GROVE ³ NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-24-3 W.
5-23	0.316	BATTLE CREEK NEAR BATTLE CREEK NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-23-3 W.
5-23 10-29	23.3 15.8	BATTLE CREEK NEAR BATTLE CREEK ³ SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 31-24-2 W.
5-23	4.15	ELKHORN RIVER, TRIBUTARY TO, NEAR BATTLE CREEK NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 34-24-2 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-23	1.44	ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 6-23-1 W.
5-23	5.62	ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 5-23-1 W.
<u>NORTH FORK OF THE ELKHORN RIVER</u>		
7-24	12.3	ELKHORN RIVER, NORTH FORK, NEAR OSMOND NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-27-3 W.
7-24	2.02	ELKHORN RIVER, WEST BRANCH OF THE NORTH FORK, NEAR OSMOND NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-27-3 W.
7-24	0.118	BRESLAU CREEK NEAR BRESLAU NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-27-3 W.
7-24	28.4	ELKHORN RIVER, NORTH FORK, NEAR FOSTER SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 5-26-2 W.
7-24	0.0	DRY CREEK, TRIBUTARY TO, NEAR PLAINVIEW NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 14-27-4 W.
7-24 10-30	3.01 18.2	DRY CREEK AT FOSTER ³ NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 33-27-3 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-13	14.5	DRY CREEK NEAR PIERCE SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-26-2 W.
7-13	10.8	YANKTON SLOUGH NEAR PIERCE SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 13-26-2 W.
7-24	0.62	WILLOW CREEK NEAR PLAINVIEW NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 20-26-4 W.
9-5 11-8	8.27 10.8	WILLOW CREEK ABOVE RESERVOIR SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 2-25-3 W.
7-24	0.08	WILLOW CREEK, TRIBUTARY TO, NEAR PIERCE SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 30-26-2 W.
9-4	6.23	WILLOW CREEK BELOW WILLOW CREEK DAM SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 33-26-2 W.
9-5 11-8	7.07 8.19	WILLOW CREEK NEAR PIERCE SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 33-26-2 W.
9-5	7.18	WILLOW CREEK AT PIERCE SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 27-26-2 W.

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
10-30	49.8	ELKHORN RIVER, NORTH FORK, NEAR PIERCE ¹ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 31-25-1 W.
7-13	0.20	ELKHORN RIVER, TRIBUTARY TO NORTH FORK, NEAR HADAR NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 19-25-1 W.
7-13	0.372	HADAR CREEK AT HADAR NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 32-25-1 W.
5-23	18.4	SPRING CREEK NEAR NORFOLK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-24-1 W.
		<u>MIDDLE REACH OF THE ELKHORN RIVER</u>
6-6	2.92	ELKHORN RIVER, TRIBUTARY TO, NEAR STANTON SW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 29-23-1 E.
6-6	0.0	ELKHORN RIVER, TRIBUTARY TO, NEAR STANTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-23-1 E.
9-24	1.29	PLEASANT RUN CREEK NEAR STANTON NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 25-23-1 E.
6-6	3.16	UNION CREEK NEAR MADISON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-21-2 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
5-23	4.65	TAYLOR CREEK NEAR MADISON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-22-2 W.
10-24	16.8	TAYLOR CREEK NEAR MADISON ¹ SW $\frac{1}{4}$ Sec. 25-22-2 W.
5-23	0.77	NORTH TAYLOR CREEK NEAR MADISON NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24-22-2 W.
6-6	21.8	TAYLOR CREEK AT MADISON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-22-1 W.
6-6	2.06	SAND CREEK NEAR STANTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-22-1 E.
10-24	43.4	UNION CREEK NEAR STANTON ¹ SE $\frac{1}{4}$ Sec. 15-22-1 E.
6-6	10.5	BUTTERFLY CREEK NEAR STANTON SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 32-23-2 E.
7-18	1.98	MASKENTHINE CREEK AT STANTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-23-2 E.
7-18	1.53	INDIAN CREEK NEAR STANTON NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 21-23-2 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
9-27	4.97	CEDAR CREEK NEAR STANTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-23-3 E.
11.6	2.1	PAYNE CREEK NEAR STANTON ¹ NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1-23-2 E.
7-18	4.74	PAYNE CREEK NEAR STANTON SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-23-2 E.
9-24	4.98	HUMBUG CREEK NEAR PILGER SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-24-3 E.
9-24	12.3	HUMBUG CREEK NEAR PILGER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-24-3 E.
7-18	6.62	SAND CREEK NEAR WISNER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-24-4 E.
11-6	1.4	LEISY CREEK NEAR WISNER ¹ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-23-4 E.
7-19	2.55	LEISY CREEK NEAR WISNER NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-23-4 E.
7-19	7.71	ROCK CREEK NEAR WISNER NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 11-22-4 E.

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-19 10-22	20.5 6.4	ROCK CREEK NEAR BEEMER ³ SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-23-5 E.
7-23	12.8	PLUM CREEK NEAR ALTONA SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 7-24-5 E.
7-23	2.24	KANE CREEK NEAR WISNER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-24-5 E.
7-23	2.13	DRY CREEK NEAR WISNER ³ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-24-5 E.
11-13	3.7	
7-23	2.03	PLUM CREEK, TRIBUTARY TO, NEAR WISNER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-24-5 E.
7-23	19.5	PLUM CREEK NEAR WISNER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-23-5 E.
7-23	0.941	PLUM CREEK, TRIBUTARY TO, NEAR BEEMER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-23-6 E.
7-23	27.6	PLUM CREEK NEAR WEST POINT SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-22-6 E.
7-19	0.458	WORTMANS CREEK NEAR WEST POINT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-21-6 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-19	3.89	FISHER CREEK NEAR WEST POINT NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-21-6 E.
7-19	3.9	FISHER CREEK, TRIBUTARY TO, NEAR WEST POINT NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-21-6 E.
7-19	69	COFFEE CREEK NEAR WEST POINT SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-21-6 E.
7-23	3.27	CUMING CREEK NEAR BEEMER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-23-7 E.
7-23	8.02	CUMING CREEK NEAR WEST POINT NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-21-7 E.
7-23	2.33	WILLOW CREEK NEAR WEST POINT NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-21-7 E.
9-10	8.96	CUMING CREEK NEAR SCRIBNER SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-20-7 E.
10-3	4.77	PEBBLE CREEK NEAR ALOYS SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14-21-5 E.
10-22	8.6	PEBBLE CREEK NEAR MONTEREY ¹ NE $\frac{1}{4}$ Sec. 26-21-5 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-10 10-31	8.44 9.4	PEBBLE CREEK, TRIBUTARY TO, AT SNYDER ³ SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-20-5 E.
10-31	23.9	PEBBLE CREEK NEAR SCRIBNER ¹ NE $\frac{1}{4}$ Sec. 34-20-6 E.
9-10	2.55	SILVER CREEK NEAR SCRIBNER NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-19-6 E.
8-23	0.325	LOGAN CREEK LOGAN CREEK, MIDDLE FORK, AT RANDOLPH NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-28-1 E.
8-28	7.87	LOGAN CREEK, MIDDLE FORK, NEAR LAUREL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-28-3 E.
8-28	5.83	PERRIN CREEK NEAR LAUREL SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-29-3 E.
8-28	3.52	BAKER CREEK NEAR LAUREL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-28-3 E.
8-28	0.412	LOGAN CREEK, NORTH FORK, NEAR LAUREL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-29-3 E.

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
8-28	1.77	LOGAN CREEK, NORTH FORK, NEAR CONCORD NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 28-28-4 E.
8-28	60.3	LOGAN CREEK NEAR WAKEFIELD NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 30-27-5 E.
9-24	4.27	LOGAN CREEK, SOUTH FORK, NEAR WINSIDE SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 33-26-3 E.
9-24	5.03	DEER CREEK, TRIBUTARY TO, NEAR WAYNE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 17-26-3 E.
9-24	9.11	DEER CREEK NEAR WAYNE SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-26-3 E.
8-28	18.4	LOGAN CREEK, SOUTH FORK, AT WAYNE SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 18-26-4 E.
9-24	11.81	DOG CREEK NEAR WAYNE SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 26-27-3 E.
8-28	43.9	LOGAN CREEK, SOUTH FORK, NEAR WAKEFIELD ² SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 31-27-5 E.
10-30	50.9	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
8-28	2.8	COON CREEK NEAR WAKEFIELD NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 15-26-5 E.
8-29	4.95	MIDDLE CREEK NEAR PENDER SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 10-25-6 E.
8-29	0.322	STAGE CREEK NEAR PENDER NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 2-24-6 E.
8-29	0.553	RATTLESNAKE CREEK NEAR PENDER NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 12-24-7 E.
8-29	0.698	JEPPSON CREEK NEAR BANCROFT NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 17-24-7 E.
8-29	1.91	OLD LOGAN (RATTLESNAKE) CREEK NEAR BANCROFT NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 22-24-7 E.
11-13	129.9	LOGAN CREEK AT BANCROFT ¹ SE $\frac{1}{2}$ Sec. 26-24-7 E.
10-2	3.35	LITTLE LOGAN CREEK NEAR LYONS SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 34-23-8 E.
10-2	0.68	LOGAN CREEK, TRIBUTARY TO, NEAR OAKLAND SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 15-22-8 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-2	0.744	PETERSON CREEK NEAR OAKLAND NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-21-8 E.
9-20	1.175	ROMBERG CREEK NEAR UEHLING SW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 4-20-8 E.
9-20	1.92	LOWER ELKHORN RIVER CLARK CREEK NEAR WINSLOW NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 19-19-9 E.
10-3	11.8	MAPLE CREEK, MIDDLE FORK, AT CLARKSON NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 8-20-3 E.
11-5	21.5	MAPLE CREEK, MIDDLE FORK, NEAR HOWELLS ¹ SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 31-19-4 E.
11-5	2.1	DRY CREEK NEAR CLARKSON ¹ SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 16-19-3 E.
9-26	4.53	DRY CREEK NEAR ROGERS SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 15-18-4 E.
9-26	17.4	MAPLE CREEK, MIDDLE FORK, NEAR ROGERS NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 14-18-4 E.

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-3	9.6	MAPLE CREEK, EAST FORK, NEAR HOMELLS NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-20-4 E.
9-26	10.9	MAPLE CREEK, EAST FORK, NEAR ROGERS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-18-4 E.
9-20	0.434	CRYSTAL CREEK NEAR NORTH BEND NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-19-5 E.
11-7	21.8	MAPLE CREEK NEAR NICKERSON ¹ NE $\frac{1}{4}$ Sec. 5-18-8 E.
9-20	0.59	ELKHORN RIVER, TRIBUTARY TO, NEAR FREMONT NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-17-9 E.
10-1	12.4	BELL CREEK NEAR CRAIG SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-21-9 E.
11-7	21.8	BELL CREEK NEAR CRAIG ¹ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-21-9 E.
10-11	50.0	BELL CREEK NEAR TALBASTA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-19-9 E.
10-11	5.11	LITTLE BELL CREEK NEAR FONTANELLE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-18-10 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-11	2.88	BROWN CREEK NEAR ARLINGTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-17-10 E.
10-11	63.4	BELL CREEK NEAR ARLINGTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-17-10 E.
10-12	0.0	WALNUT CREEK NEAR ARLINGTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-17-10 E.
9-20	0.0	RAWHIDE CREEK NEAR FREMONT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-17-9 E.
9-20	6.12	RAWHIDE CREEK NEAR VALLEY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-17-10 E.
9-21	7.14	RAWHIDE CREEK NEAR VALLEY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-16-10 E.
9-21	0.0	RAWHIDE CREEK (OLD CHANNEL) NEAR VALLEY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-16-10 E.
9-21 10-23	1.04 2.5	BIG SLOUGH NEAR KING LAKE ³ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-16-10 E.

PLATTE RIVER BASIN
(SALT CREEK)

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
7-17	0.705	SPRING BRANCH NEAR SPRAGUE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-7-6 E.
6-7 7-17	21.3 14.9	HAINES BRANCH NEAR DENTON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-9-5 E.
6-7 7-27	21.8 8.13	MIDDLE CREEK, NORTH BRANCH, NEAR PAWNEE LAKE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 31-11-5 E.
7-18	13.9	OAK CREEK NEAR GARLAND SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-12-4 E.
6-7 7-27	66.0 19.5	NORTH OAK CREEK NEAR RAYMOND SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-12-5 E.
5-15	2.08	DEAD MAN'S RUN AT LINCOLN SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-10-7 E.
5-15 7-27	5.80 1.94	JORDAN CREEK NEAR WAVERLY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-11-8 E.
6-7	15.1	ROCK CREEK NEAR DAVEY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-12-7 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
5-15	38.2	ROCK CREEK NEAR WAVERLY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-12-8 E.
5-15	12.6	CAMP CREEK NEAR WAVERLY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-11-8 E.
7-2	5.42	DEE CREEK NEAR GREENWOOD NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-11-9 E.
7-2	10.8	CALLAHAN CREEK NEAR GREENWOOD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-12-9 E.
7-12	10.6	WAHOO CREEK, NORTH FORK, NEAR MALMO SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-15-6 E.
7-12	10.7	COTTONWOOD CREEK NEAR MALMO NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22-15-6 E.
7-12	39.3	SAND CREEK NEAR WAHOO SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-14-7 E.
7-12	23.1	SILVER CREEK NEAR ITHACA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-14-8 E.
7-12	1.95	JOHNSON CREEK NEAR MEMPHIS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-14-9 E.

PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
		<u>PLATTE RIVER, SALT CREEK TO MOUTH</u>
		FOUNTAIN CREEK NEAR SOUTH BEND SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24-12-10 E.
7-2	5.17	
		PLATTE RIVER, TRIBUTARY TO, NEAR SOUTH BEND NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-12-10 E.
9-13	0.0	
		BUFFALO CREEK NEAR SPRINGFIELD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-13-11 E.
9-13	2.16	
		TURTLE CREEK NEAR SPRINGFIELD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-13-11 E.
9-13	0.05	
		SPRINGFIELD CREEK NEAR SPRINGFIELD SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-13-11 E.
9-13	0.0	
		CEDAR CREEK NEAR LOUISVILLE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-12-12 E.
7-2	15.8	
		ZWIEBEL CREEK NEAR PAPILLION NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-13-13 E.
9-13	1.74	
		EIGHT MILE CREEK NEAR PLATTSMOUTH SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-12-13 E.
7-16	33.9	

MISSOURI RIVER TRIBUTARIES
(PLATTE TO LITTLE NEMAHA)

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
		<u>ROCK CREEK</u>
7-13	3.77	MUD CREEK NEAR MURRAY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-11-14 E.
		<u>WEEPING WATER CREEK</u>
7-2	34.3	WEEPING WATER CREEK, NORTH BRANCH, NEAR WEEPING WATER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3-10-11 E.
7-16	19.5	WEEPING WATER CREEK, NORTH BRANCH, TRIBUTARY TO, NEAR NEHAWKA SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-10-13 E.
7-18	4.39	FLOOD CREEK NEAR NEHAWKA SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-9-12 E.
7-13	35.8	WEEPING WATER CREEK, SOUTH BRANCH, NEAR UNION NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-10-13 E.
		<u>WALNUT CREEK</u>
7-18	3.88	WALNUT CREEK NEAR NEBRASKA CITY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-9-13 E.
		<u>FOUR MILE CREEK</u>
7-16	7.75	FOUR MILE CREEK NEAR NEBRASKA CITY NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-8-14 E.

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
		<u>HONEY CREEK</u>
7-18	6.26	HONEY CREEK NEAR PERU NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-6-15 E.

LITTLE NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-13	17.8	HOOPER CREEK NEAR UNADILLA SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-9-10 E.
7-16	18.9	LITTLE NEMAHA RIVER NEAR UNADILLA NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-8-10 E.
7-16	62.3	LITTLE NEMAHA RIVER NEAR SYRACUSE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-8-11 E.
7-13	2.64	LITTLE NEMAHA RIVER, SOUTH FORK, AT DOUGLAS SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-7-9 E.
5-11	21.6	LITTLE NEMAHA RIVER, SOUTH FORK, AT BURR ⁴ NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-7-10 E.
5-11	23.1	LITTLE NEMAHA RIVER, SOUTH FORK, NEAR BURR ⁴ NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-7-10 E.
5-11	26.2	LITTLE NEMAHA RIVER, SOUTH FORK, NEAR BURR ⁴ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-6-10 E.
5-11	2.02	SILVER CREEK NEAR BURR ⁴ NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-6-10 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
5-11	37.9	LITTLE NEMAHA RIVER, SOUTH FORK, NEAR COOK ¹ NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-6-10 E.
5-11	35.2	LITTLE NEMAHA RIVER, SOUTH FORK, NEAR COOK ¹ NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-6-11 E.
5-11 7-13	2.65 1.95	TURKEY CREEK NEAR COOK ⁵ NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-6-11 E.
5-12	39.5	LITTLE NEMAHA RIVER, SOUTH FORK, NEAR COOK ¹ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-6-11 E.
5-11	2.52	COON CREEK NEAR COOK ⁴ NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-6-11 E.
5-12	43.7	LITTLE NEMAHA RIVER, SOUTH FORK, AT COOK ¹ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-6-11 E.
7-16	34.8	LITTLE NEMAHA RIVER, SOUTH FORK, NEAR TALMAGE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-7-12 E.
7-16	6.02	SPRING CREEK NEAR TALMAGE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-7-12 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-16	32.8	LITTLE NEMAHA RIVER, NORTH FORK, NEAR LORTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-7-12 E.
7-18	15.3	ROCK CREEK NEAR AUBURN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-6-14 E.
7-18	3.20	ORD CREEK NEAR AUBURN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-5-14 E.
7-19	6.68	HUGHES CREEK NEAR AUBURN NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-5-14 E.
7-19	7.31	JIVERS CREEK NEAR NEMAHA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-4-15 E.

MISSOURI RIVER TRIBUTARIES
(LITTLE NEMAHA TO BIG NEMAHA)

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge</u> <u>sec.-ft.</u>	<u>Site and Location</u>
7-19	5.15	BEADON CREEK NEAR SHUBERT NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-4-16 E.
7-24	3.48	WINNEBAGO CREEK NEAR RULO SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-2-18 E.

BIG NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		<u>NORTH FORK OF THE BIG NEMAHA RIVER</u>
7-13	27.1	BIG NEMAHA RIVER, NORTH FORK, AT STERLING NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 27-6-9 E.
7-13	9.54	YANKEE CREEK NEAR TECUMSEH NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 25-5-10 E.
7-13	58.4	BIG NEMAHA RIVER, NORTH FORK, AT TECUMSEH NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 33-5-11 E.
7-20	4.06	CLEAR CREEK AT TABLE ROCK SW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 32-3-12 E.
7-20	1.35	DRY BRANCH NEAR HUMBOLDT NE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 19-2-13 E.
7-20	9.15	LONG BRANCH AT HUMBOLDT SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 4-2-13 E.
		<u>SOUTH FORK OF THE BIG NEMAHA RIVER</u>
7-25	6.85	TURKEY CREEK, WEST BRANCH, NEAR PANNEE CITY SW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 33-2-11 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		<u>TURKEY CREEK NEAR PANNEE CITY</u> NW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 26-1-11 E.
7-25	19.4	
		<u>BIG NEMAHA RIVER, SOUTH FORK, NEAR DU BOIS</u> SE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 18-1-13 E.
7-25	97.8	
		<u>FOUR MILE CREEK NEAR DAWSON</u> NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 6-1-14 E.
7-25	9.12	
		<u>HONEY CREEK NEAR SALEM</u> NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 13-1-14 E.
7-25	4.55	
		<u>BIG NEMAHA RIVER, SOUTH FORK, AT SALEM</u> NE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 10-1-15 E.
7-25	160.3	
		<u>LOWER BIG NEMAHA RIVER</u>
		<u>PONY CREEK NEAR FALLS CITY</u> SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 22-1-16 E.
7-24	30.9	
		<u>MUDDY CREEK NEAR AUBURN</u> NW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 32-4-14 E.
7-19	13.6	
		<u>LITTLE MUDDY CREEK NEAR STELLA</u> NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 19-3-15 E.
7-24	11.6	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		<u>SARDINE BRANCH NEAR VERDON</u> SW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 10-2-15 E.
7-24	2.60	
		<u>MUDDY CREEK AT VERDON</u> NE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 15-2-15 E.
7-24	35.8	
		<u>SILVER BRANCH NEAR FALLS CITY</u> SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 26-2-16 E.
7-24	1.63	
		<u>MUDDY CREEK NEAR PRESTON</u> SW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 16-1-17 E.
7-25	103.7	
		<u>ROYS CREEK NEAR RULO</u> SE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 33-1-18 E.
7-24	20.0	

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		<u>UPPER REPUBLICAN RIVER</u>
11-19	0.0	SULLIVAN DRAW AT HAIGLER NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-1-41 W.
11-19	0.0	SAND CANYON NEAR HAIGLER NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-1-40 W.
11-19	0.0	NESBIT CREEK NEAR PARKS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-1-39 W.
11-19	0.0	BOSTON CANYON NEAR MAX NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-2-36 W.
11-19	4.10	INDIAN CREEK NEAR MAX SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-2-36 W.
11-19	0.0	MUDDY CREEK NEAR STRATTON NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-2-35 W.
11-19	0.0	CAMP CREEK NEAR STRATTON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-3-34 W.
11-19	0.600	ELM CREEK NEAR TRENTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-3-33 W.
11-19	0.009	MASSACRE CANYON NEAR TRENTON SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-3-32 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
11-19	0.0	THOMPSON CANYON NEAR TRENTON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-2-32 W.
11-20	0.0	FRENCHMAN CREEK NEAR LAMAR NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-7-41 W.
11-20	0.0	FRENCHMAN CREEK ABOVE ARTERBURN DAM SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-6-41 W.
11-20	6.82	FRENCHMAN CREEK NEAR CHAMPION SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-6-40 W.
11-20	0.0	WALN SLOUGH NEAR CHAMPION NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-6-40 W.
11-20	11.7	FRENCHMAN CREEK AT CHAMPION NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-6-39 W.
11-20	0.023	SAND CREEK NEAR CHAMPION SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-6-39 W.
11-20	0.0	HOURSE CREEK NEAR HAMLET SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-5-35 W.
11-20	26.3	FRENCHMAN CREEK NEAR HAMLET SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-5-34 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
11-8	0.0	UNNAMED STREAM AT GRANT SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-10-39 W.
11-8	0.0	STINKING WATER CREEK AT MADRID SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-10-37 W.
11-20	5.01	STINKING WATER CREEK NEAR WAUNETTA SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-7-36 W.
11-8	0.0	SPRING CREEK NEAR VENANGO SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-9-42 W.
11-20	0.019	SPRING CREEK NEAR IMPERIAL SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-7-38 W.
11-20	8.19	SPRING CREEK NEAR WAUNETTA SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-6-36 W.
11-20	20.7	STINKING WATER CREEK NEAR HAMLET SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-5-34 W.
11-20	0.033	BOBTAIL CREEK AT PALISADE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-4-34 W.
11-20	50.7	FRENCHMAN CREEK NEAR BEVERLY SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-4-33 W.

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
11-19	0.0	BLACKWOOD CREEK NEAR HAYES CENTER NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-6-33 W.
11-19	0.0	GOVERNMENT CANYON NEAR HAYES CENTER SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-6-32 W.
11-19	0.0	LITTLE BLACKWOOD CREEK NEAR HAYES CENTER NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-5-32 W.
11-19	0.0	BLACKWOOD CREEK NEAR BEVERLY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-4-31 W.
11-19	0.047	BLACKWOOD CREEK NEAR CULBERTSON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-4-31 W.
11-19	0.0	DRIFTWOOD CREEK NEAR PERRY NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-2-31 W.
12-12	4.87	RED WILLOW CREEK NEAR DICKENS SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-9-33 W.
11-20	7.69	RED WILLOW CREEK NEAR SUTTLE CANYON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-8-32 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
11-20	9.44	RED WILLOW CREEK NEAR HAYES CENTER NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-8-32 W.
11-20	17.0	RED WILLOW CREEK ABOVE HUGH BUTLER RESERVOIR SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-6-31 W.
11-20	0.0	COON CREEK AT INDIANOLA NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-3-28 W.
11-20	0.0	BUFFALO CREEK NEAR INDIANOLA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-3-27 W.
11-21	0.0	MEDICINE CREEK NEAR DICKENS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-10-31 W.
11-21	3.38	MEDICINE CREEK NEAR WELLFLEET SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-10-31 W.
11-21	11.2	MEDICINE CREEK AT WELLFLEET NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-9-30 W.
11-21	17.2	MEDICINE CREEK NEAR WELLFLEET SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-9-30 W.
11-21	0.0	HAY CANYON NEAR WELLFLEET SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-9-29 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
11-21	22.7	MEDICINE CREEK AT MAYWOOD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 21-8-29 W.
11-21	0.138	BRUSHY CREEK NEAR MAYWOOD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-8-29 W.
11-21	0.0	SOUTH BRUSHY CREEK NEAR MAYWOOD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-8-29 W.
11-21	0.0	WELL CANYON AT CURTIS SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-8-28 W.
11-21	29.4	MEDICINE CREEK AT CURTIS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-8-28 W.
11-21	0.0	FOX CREEK NEAR WELLFLEET NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-10-28 W.
11-21	1.74	FOX CREEK NEAR MOOREFIELD SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-9-28 W.
11-21	0.704	CUT CANYON NEAR MAYWOOD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-9-28 W.
11-21	4.26	FOX CREEK NEAR CURTIS NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-8-28 W.

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
11-21	0.378	CURTIS CREEK NEAR CURTIS SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-8-28 W.
11-21	41.8	MEDICINE CREEK NEAR CURTIS SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-7-28 W.
11-21	49.5	MEDICINE CREEK AT STOCKVILLE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-7-27 W.
11-21	0.156	CEDAR CREEK NEAR STOCKVILLE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-6-27 W.
11-21	0.0	WALNUT CREEK NEAR STOCKVILLE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-6-27 W.
11-21	0.0	MITCHELL CREEK ABOVE HARRY STRUNK RESERVOIR NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-6-26 W.
11-21	0.319	LIME CREEK NEAR HARRY STRUNK LAKE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-5-26 W.
11-21	0.175	ELK CREEK NEAR HARRY STRUNK LAKE NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-5-26 W.
4-18	2.03	DEER CREEK NEAR HOLBROOK NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-4-24 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
4-18	0.0	TIMMONS CREEK NEAR HOLBROOK SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-4-24 W.
4-17	0.0	MUDDY CREEK NEAR EUSTIS SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-7-24 W.
4-17	0.333	MUDDY CREEK NEAR STOCKVILLE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-6-24 W.
4-17	1.04	MUDDY CREEK NEAR HARRY STRUNK RESERVOIR SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-6-24 W.
4-17	0.189	WEST MUDDY CREEK NEAR HARRY STRUNK RESERVOIR SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-6-24 W.
4-17	4.71	MUDDY CREEK NEAR HOLBROOK NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-5-23 W.
4-17	0.155	EAST MUDDY CREEK NEAR ARAPAHOE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-5-23 W.
4-17	5.11	MUDDY CREEK NEAR ARAPAHOE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-4-23 W.
4-18	0.0	ELK CREEK, EAST FORK, NEAR ELWOOD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-6-22 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
4-18	0.0	ELK CREEK NEAR ARAPAHOE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-4-23 W.
4-18	0.0	TURKEY CREEK, EAST BRANCH, NEAR SMITHFIELD NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-6-21 W.
4-18	3.42	TURKEY CREEK, EAST BRANCH, NEAR BERTRAND NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-6-21 W.
4-18	0.251	TURKEY CREEK, EAST BRANCH, NEAR BERTRAND NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-6-21 W.
4-18	4.79	TURKEY CREEK, EAST BRANCH, NEAR BERTRAND NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-6-22 W.
4-18	0.119	TURKEY CREEK, WEST BRANCH, NEAR ELWOOD SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-5-22 W.
4-18	6.96	TURKEY CREEK NEAR ARAPAHOE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-5-22 W.
4-18	7.73	TURKEY CREEK NEAR EDISON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-4-22 W.

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
4-19	0.0	SPRING CREEK NEAR LOOMIS NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 9-5-20 W.
4-19	1.23	SPRING CREEK NEAR ATLANTA SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-5-20 W.
4-19	0.0	ELM CREEK NEAR LOOMIS NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-5-20 W.
4-19	0.019	ELM CREEK NEAR MASCOT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-4-20 W.
4-19	2.36	SPRING CREEK NEAR MASCOT SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-4-20 W.
4-19	3.34	SPRING CREEK NEAR OXFORD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-3-20 W.
4-19	0.007	DEEP CREEK NEAR MASCOT NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-3-20 W.
4-19	0.0	FOSTER CREEK NEAR MASCOT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-3-20 W.
4-19	0.276	FOSTER CREEK NEAR ORLEANS NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-3-20 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
4-19	5.43	SAPPA CREEK NEAR BEAVER CITY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14-1-23 W.
4-19	6.31	SAPPA CREEK NEAR HOLLINGER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-2-21 W.
4-19	0.332	BEAVER CREEK NEAR WILSONVILLE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-2-25 W.
4-19	8.24	BEAVER CREEK NEAR HOLLINGER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-2-21 W.
11-14	0.067	FLAG CREEK NEAR ORLEANS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-2-19 W.
11-14	0.275	ROPE CREEK NEAR ORLEANS SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-2-19 W.
11-14	0.289	COOK CREEK AT ALMA SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-2-18 W.
11-14	0.793	METHODIST CREEK NEAR ALMA NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-2-18 W.
11-15	0.0	PRAIRIE DOG CREEK NEAR ALMA SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-1-18 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
11-15	0.198	CRYSTAL CREEK NEAR NAPONEE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-1-16 W.
		<u>LOWER REPUBLICAN RIVER</u>
		EUREKA CREEK NEAR REPUBLICAN CITY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-2-17 W.
11-14	0.0	TURKEY CREEK NEAR HUNTLY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-3-17 W.
11-14	0.0	TURKEY CREEK NEAR REPUBLICAN CITY NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-2-17 W.
11-14	0.276	TURKEY CREEK NEAR REPUBLICAN CITY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-2-17 W.
11-14	4.43	TURKEY CREEK NEAR NAPONEE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-2-16 W.
11-14	8.91	TURKEY CREEK NEAR NAPONEE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-1-16 W.
11-14	9.86	REBECCA CREEK NEAR NAPONEE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-1-16 W.
11-15	0.107	

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS--Continued
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Date	Discharge sec.-ft.	Site and Location
11-14	4.65	COTTONWOOD CREEK NEAR BLOOMINGTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-1-16 W.
11-15	0.0	LOCHLIE CREEK NEAR BLOOMINGTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-1-16 W.
11-14	1.73	LITTLE COTTONWOOD CREEK NEAR BLOOMINGTON NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-2-15 W.
11-15	1.85	LOST CREEK NEAR BLOOMINGTON NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-1-15 W.
11-14	0.013	WALNUT RUN NEAR FRANKLIN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-2-14 W.
11-15	0.461	CALUMET CREEK NEAR FRANKLIN SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-1-14 W.
11-14	0.004	COATES CREEK NEAR FRANKLIN NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-2-14 W.
11-15	0.351	REAMES CREEK NEAR FRANKLIN SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-1-14 W.
11-14	0.003	LOVELY CREEK NEAR FRANKLIN NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-2-14 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
11-15	0.629	LOHFF CREEK NEAR RIVERTON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-1-13 W.
11-14	0.0	WEST THOMPSON CREEK NEAR MACON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-3-14 W.
11-14	2.05	WEST THOMPSON CREEK NEAR RIVERTON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-2-13 W.
11-14	0.002	MIDDLE THOMPSON CREEK NEAR RIVERTON NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-2-13 W.
11-14	0.0	EAST THOMPSON CREEK NEAR RIVERTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-2-13 W.
11-14	15.7	THOMPSON CREEK NEAR RIVERTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-2-13 W.
11-14	19.1	SASSACUS CREEK NEAR RIVERTON NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-2-13 W.
11-15	0.0	ROCK CREEK NEAR RIVERTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-1-13 W.
11-14	0.010	FARMERS CREEK NEAR INVALE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-2-12 W.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
11-14	2.78	FARMERS CREEK NEAR INVALE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-2-12 W.
11-15	3.59	WALNUT CREEK NEAR INVALE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-1-12 W.
11-15	0.0	BUFFALO CREEK NEAR INVALE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-1-12 W.
11-15	0.0	LOUISA CREEK NEAR RED CLOUD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-1-11 W.
11-15	0.339	PENNY CREEK NEAR RED CLOUD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-1-11 W.
11-14	0.010	INDIAN CREEK NEAR RED CLOUD SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-2-11 W.
11-14	0.013	INDIAN CREEK, TRIBUTARY TO, NEAR INVALE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-2-11 W.
11-14	1.61	INDIAN CREEK NEAR RED CLOUD SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-2-11 W.
11-14	1.80	INDIAN CREEK NEAR RED CLOUD SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-2-11 W.

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS--Continued
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<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
11-14	2.15	CROOKED CREEK AT RED CLOUD SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-2-11 W.
11-14	0.017	DRY CREEK NEAR AMBOY SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-2-10 W.
11-14	0.119	ELM CREEK NEAR COWLES NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-2-10 W.
11-14	9.95	ELM CREEK NEAR AMBOY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-2-10 W.
11-15	0.711	HICKS CREEK NEAR RED CLOUD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-1-10 W.
11-14	0.950	WILLOW CREEK NEAR GUIDE ROCK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-2-10 W.
11-15	0.261	ADVENT CREEK NEAR GUIDE ROCK SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-1-9 W.
11-15	0.317	ASH CREEK NEAR GUIDE ROCK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-1-9 W.
11-15	0.0	GIMLET CREEK NEAR SUPERIOR SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-1-8 W.

MEASUREMENT OF STREAMS--Continued
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<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
11-15	0.449	BEAVER CREEK NEAR GUIDE ROCK NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-2-9 W.
11-15	0.249	BEAVER CREEK, TRIBUTARY TO, NEAR GUIDE ROCK SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-2-9 W.
11-15	1.61	BEAVER CREEK NEAR BOSTWICK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32-2-8 W.
11-15	5.71	BEAVER CREEK NEAR SUPERIOR NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-1-8 W.
11-15	0.155	MIDDLE CREEK NEAR SUPERIOR SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-1-8 W.
11-15	0.285	COTTONWOOD CREEK NEAR BOSTWICK SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-2-8 W.
11-15	1.16	COTTONWOOD CREEK NEAR BOSTWICK SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-1-8 W.
11-15	0.646	LOST CREEK AT SUPERIOR SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-1-7 W.
11-15	0.779	BLAKLEY CREEK NEAR SUPERIOR SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-1-6 W.

MEASUREMENT OF STREAMS--Continued
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<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
11-15	0.013	CROSBY CREEK NEAR HARDY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-1-6 W.
11-15	0.0	CROSBY CREEK, TRIBUTARY TO, NEAR HARDY NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-1-6 W.
11-15	0.258	CROSBY CREEK NEAR HARDY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-1-6 W.
11-15	0.0	FORSHA CREEK AT HARDY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32-1-5 W.

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

MEASUREMENT OF STREAMS
Year Ending December 31, 1984

MEASUREMENT OF STREAMS--Continued
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MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>	<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
		<u>UPPER BIG BLUE RIVER</u>			<u>BIG BLUE RIVER, WEST FORK, NEAR McCOOL JUNCTION NW$\frac{1}{2}$SW$\frac{1}{2}$ Sec. 36-9-3 W.</u>			<u>BIG BLUE RIVER NEAR DE WITT NE$\frac{1}{2}$SW$\frac{1}{2}$ Sec. 12-5-4 E.</u>
7-17	36.4	BIG BLUE RIVER, NORTH BRANCH, NEAR ULYSSES SE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 16-13-2 E.	7-27	150.0		9-26	143	
						10-29	186	
7-18	45.2	BIG BLUE RIVER NEAR STAPLEHURST SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 10-12-2 E.	7-27	21.5	<u>BIG BLUE RIVER, WEST FORK, TRIBUTARY TO, NEAR McCOOL JUNCTION NW$\frac{1}{2}$NE$\frac{1}{2}$ Sec. 24-9-3 W.</u>	9-26	0.001	<u>CLATONIA CREEK NEAR CORTLAND NW$\frac{1}{2}$NE$\frac{1}{2}$ Sec. 6-6-6 E.</u>
						10-30	0.004	
7-18	28.1	LINCOLN CREEK NEAR GRESHAM SW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 26-12-1 W.	7-18	43.6	<u>BEAVER CREEK AT YORK SW$\frac{1}{2}$SE$\frac{1}{2}$ Sec. 6-10-4 W.</u>	9-26	0.0	<u>CLATONIA CREEK NEAR CORTLAND SE$\frac{1}{2}$SE$\frac{1}{2}$ Sec. 31-7-5 E.</u>
7-18	14.9	PLUM CREEK AT SEWARD NE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 15-11-3 E.	7-18	39.2	<u>BEAVER CREEK NEAR BEAVER CROSSING NW$\frac{1}{2}$NW$\frac{1}{2}$ Sec. 32-10-1 E.</u>	10-30	0.0	<u>CLATONIA CREEK, TRIBUTARY TO, NEAR HALLAM NE$\frac{1}{2}$NE$\frac{1}{2}$ Sec. 6-6-6 E.</u>
		<u>WEST FORK OF THE BIG BLUE RIVER</u>						
7-19	9.31	BIG BLUE RIVER, WEST FORK, NEAR HASTINGS NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 3-7-9 W.	7-17	0.46	<u>WALNUT CREEK NEAR BEAVER CROSSING NW$\frac{1}{2}$NW$\frac{1}{2}$ Sec. 8-9-2 E.</u>	10-30	0.002	<u>CLATONIA CREEK, TRIBUTARY TO, NEAR HALLAM NW$\frac{1}{2}$NE$\frac{1}{2}$ Sec. 36-7-5 E.</u>
7-19	29.9	BIG BLUE RIVER, WEST FORK, NEAR HASTINGS NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 24-8-8 W.	7-12	3.18	<u>JOHNSON CREEK NEAR DORCHESTER NW$\frac{1}{2}$NW$\frac{1}{2}$ Sec. 5-8-3 E.</u>	10-30	0.0	<u>CLATONIA CREEK, TRIBUTARY TO, NEAR HALLAM NW$\frac{1}{2}$NW$\frac{1}{2}$ Sec. 36-7-5 E.</u>
7-19	15.0	BIG BLUE RIVER, WEST FORK, NEAR STOCKHAM NW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 34-9-6 W.	9-5	266	<u>LOWER BIG BLUE RIVER</u>			
			9-30	181	<u>BIG BLUE RIVER AT CRETE SW$\frac{1}{2}$SE$\frac{1}{2}$ Sec. 3-7-4 E.</u>	10-30	0.0	<u>CLATONIA CREEK, TRIBUTARY TO, NEAR HALLAM NE$\frac{1}{2}$NW$\frac{1}{2}$ Sec. 31-7-6 E.</u>
7-20	19.0	SCHOOL CREEK NEAR GRAFTON NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 3-8-4 W.	7-31	0.09	<u>PRAIRIE CREEK NEAR DE WITT SE$\frac{1}{2}$SE$\frac{1}{2}$ Sec. 26-6-4 E.</u>	10-30	0.004	<u>CLATONIA CREEK, TRIBUTARY TO, NEAR HALLAM NW$\frac{1}{2}$SW$\frac{1}{2}$ Sec. 31-7-6 E.</u>

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-30	0.082	CLATONIA CREEK, TRIBUTARY TO, NEAR HALLAM NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-6-5 E.
10-30	0.03	CLATONIA CREEK, TRIBUTARY TO, NEAR HALLAM NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-6-5 E.
9-26	0.004	CLATONIA CREEK NEAR CORTLAND SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-6-6 E.
10-30	0.131	CLATONIA CREEK NEAR CLATONIA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-5-6 E.
10-30	0.0	CLATONIA CREEK, TRIBUTARY TO, NEAR CLATONIA SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-6-5 E.
9-26	0.45	CLATONIA CREEK NEAR CLATONIA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27-6-5 E.
10-30	0.728	CLATONIA CREEK NEAR CLATONIA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-6-5 E.
10-30	0.0	CLATONIA CREEK, TRIBUTARY TO, NEAR CLATONIA SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-6-5 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-11	3.14	CLATONIA CREEK NEAR DE WITT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-5-5 E.
7-31	2.01	CLATONIA CREEK NEAR DE WITT SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-5-5 E.
9-26	0.09	
10-30	0.58	
7-20	10.4	TURKEY CREEK NEAR GENEVA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-7-2 W.
7-20	1.79	TURKEY CREEK, TRIBUTARY TO, NEAR GENEVA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27-7-2 W.
7-12	15.8	TURKEY CREEK NEAR MILLIGAN SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-7-1 E.
9-5	24.2	TURKEY CREEK NEAR WILBER NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-6-4 E.
10-30	14.2	
9-5	26.8	TURKEY CREEK NEAR DE WITT NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-5-4 E.
9-26	6.27	
10-31	17.2	
12-5	16.3	
7-12	14.4	SWAN CREEK, NORTH FORK, NEAR SWANTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-5-3 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
7-12	5.02	SWAN CREEK, SOUTH FORK, NEAR SWANTON SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-5-3 E.
9-26	8.79	SWAN CREEK NEAR SWANTON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-5-3 E.
9-26	0.0	PLUMMERS BRANCH NEAR SWANTON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-5-4 E.
7-12	40.4	SWAN CREEK NEAR DE WITT NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-5-4 E.
9-5	16.8	
9-26	10.7	
10-31	14.6	
12-5	16.0	
9-26	18.7	TURKEY CREEK NEAR DE WITT NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-5-4 E.
9-26	22.3	TURKEY CREEK NEAR DE WITT S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 24-5-4 E.
9-26	22.3	TURKEY CREEK NEAR DE WITT NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-5-5 E.
7-31	72.1	SWAN CREEK, NORTH FORK, NEAR SWANTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-5-3 E.
9-5	48.2	
9-19	28.3	
9-26	19.4	
10-30	33.9	
10-31	42.1	
11-8	32.3	
12-5	34.9	

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		BIG BLUE RIVER NEAR DE WITT NW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 33-5-5 E.
7-31	740	
9-5	419	
9-26	218	
10-30	246	
11-8	240	
12-5	253	
		SOAP CREEK NEAR DE WITT SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 2-5-5 E.
9-26	0.0	
10-30	0.0	
		SOAP CREEK NEAR DE WITT NE $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 22-5-5 E.
9-26	0.23	
10-30	0.342	
		SOAP CREEK NEAR DE WITT SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 27-5-5 E.
7-31	0.75	
9-5	0.24	
9-13	0.208	
9-19	0.131	
9-26	0.09	
10-30	0.266	
12-5	0.502	
		BIG BLUE RIVER, TRIBUTARY TO, (WASTEWAY CREEK) NEAR PLYMOUTH SW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 10-4-4 E.
8-3	0.373	
		BIG BLUE RIVER, TRIBUTARY TO, (WASTEWAY CREEK) NEAR DE WITT SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 31-5-5 E.
8-3	2.47	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		BIG BLUE RIVER, TRIBUTARY TO, (WASTEWAY CREEK) NEAR BEATRICE NW $\frac{1}{2}$ Sec. 4-4-5 E.
8-3	6.07	
		BIG BLUE RIVER, TRIBUTARY TO, (WASTEWAY CREEK) NEAR HOAG NW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 10-4-5 E.
7-31	14.5	
8-3	9.15	
9-5	0.261	
9-26	0.0	
10-30	0.0	
12-5	0.0	
		SNAKE CREEK NEAR PICKRELL SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 6-5-6 E.
10-30	0.0	
		SNAKE CREEK NEAR PICKRELL NW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 18-5-6 E.
10-30	0.0	
		SNAKE CREEK NEAR PICKRELL NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 24-5-5 E.
10-30	0.030	
		SNAKE CREEK NEAR BEATRICE SW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 1-4-5 E.
7-31	0.0	
9-26	0.0	
10-30	0.0	
12-5	0.0	
		BIG BLUE RIVER NEAR HOAG NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 13-4-5 E.
9-26	180	
10-30	246	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
		BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 7-4-6 E.
7-31	0.0	
9-26	0.0	
10-30	0.0	
		CUB CREEK, TRIBUTARY TO, (EAST) NEAR FAIRBURY SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 10-3-2 E.
9-25	0.0	
		CUB CREEK, TRIBUTARY TO, (WEST) NEAR FAIRBURY SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 10-3-2 E.
9-25	0.0	
		CUB CREEK NEAR FAIRBURY SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 9-3-2 E.
9-25	0.0	
		CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY NE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 9-3-2 E.
9-25	0.0	
		CUB CREEK NEAR FAIRBURY SE $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 3-3-2 E.
9-25	0.0	
10-31	0.0	
		CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY NW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 3-3-2 E.
9-25	0.0	
		CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY SW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 3-3-2 E.
9-25	0.0	

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-4-2 E.
9-25 10-31	0.36 0.0	CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-3-2 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-4-2 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-4-2 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-3-2 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 1-3-2 E.
9-25	0.0	CUB CREEK NEAR JANSEN NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-3-3 E.
10-31	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 31-4-3 E.
9-25	0.0	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
9-25 10-31	0.0 0.0	CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-3-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-3-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR FAIRBURY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-3-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR JANSEN SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 32-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 33-4-3 E.
9-25 10-31	0.550 0.170	CUB CREEK NEAR JANSEN NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10-3-3 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
9-25	0.0	CUB CREEK NEAR JANSEN SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-3-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR JANSEN SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-3-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR JANSEN SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-3-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR JANSEN SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-3-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR JANSEN SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-3-3 E.
9-25	0.71	CUB CREEK NEAR PLYMOUTH NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1-3-3 E.

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-4-3 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-4-3 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1-3-3 E.
9-25	0.0	CUB CREEK NEAR PLYMOUTH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-3-3 E.
9-25	0.663	CUB CREEK NEAR PLYMOUTH SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-4-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-4-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-3-3 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-25	0.028	CUB CREEK, TRIBUTARY TO, NEAR HARBINE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-3-4 E.
9-25	0.016	CUB CREEK, TRIBUTARY TO, NEAR HARBINE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-3-4 E.
9-25	0.741	CUB CREEK NEAR PLYMOUTH SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-3-4 E.
9-25	0.004	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-4-4 E.
10-31	0.152	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-4-4 E.
9-25	0.044	
10-31	0.35	

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-4-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-4-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-3-4 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-4-4 E.
9-25 10-31	1.08 0.554	CUB CREEK NEAR PLYMOUTH NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-3-4 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-4-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HARBINE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-3-4 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-4-5 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-4-5 E.
9-25 10-31	0.0 0.0	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-4-4 E.
10-31	0.004	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-4-4 E.

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-25	0.002	CUB CREEK, TRIBUTARY TO, NEAR PLYMOUTH SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-4-5 E.
9-25	1.15	CUB CREEK NEAR PLYMOUTH NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-4-5 E.
10-31	0.0	CUB CREEK, TRIBUTARY TO, NEAR TRINITY SCHOOL NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20-4-5 E.
9-25 10-31	0.040 0.072	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-4-5 E.
9-25 10-31	1.17 1.20	CUB CREEK NEAR BEATRICE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-4-5 E.
10-31	0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-3-5 E.
10-31	0.173	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-3-5 E.
9-25	0.010	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-4-5 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-31	0.313	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-4-5 E.
9-25 10-31	0.070 0.433	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-4-5 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-4-5 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-4-5 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR HOMESTEAD NATIONAL MONUMENT SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27-4-5 E.
9-25	0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-4-5 E.
10-31	0.0	CUB CREEK, TRIBUTARY TO, NEAR HOMESTEAD NATIONAL MONUMENT SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-4-5 E.
9-25 10-31	0.080 0.135	

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-25 10-31	1.14 1.60	CUB CREEK NEAR HOMESTEAD NATIONAL MONUMENT SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-4-5 E.
7-11 7-31 9-25 9-26 10-30 10-31	24.6 3.69 1.62 1.38 1.80 1.90	CUB CREEK NEAR BEATRICE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-4-5 E.
7-31 10-30	0.0 0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-4-5 E.
9-25 9-26 10-31	0.0 0.0 0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-4-5 E.
9-26	0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-4-5 E.
9-25 9-26 10-30	0.0 0.0 0.0	CUB CREEK, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-4-5 E.

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-31	0.0	CUB CREEK, TRIBUTARY TO, NEAR HOAG SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 24-4-5 E.
9-26 10-30	0.0 0.0	BOTTLE CREEK NEAR BEATRICE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 11-3-5 E.
9-26 10-30	0.006 0.041	BOTTLE CREEK NEAR BEATRICE SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 35-4-5 E.
7-31 9-26 10-30	0.073 0.012 0.064	BOTTLE CREEK NEAR BEATRICE NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 30-4-6 E.
10-30	0.0	BOTTLE CREEK, TRIBUTARY TO, NEAR BEATRICE NE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 30-4-6 E.
10-30	0.0	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 6-3-6 E.
10-30	0.0	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 31-4-6 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
9-26 10-30	0.0 0.0	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 32-4-5 E.
7-31 9-26 10-30	0.166 0.145 0.190	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 32-4-6 E.
9-26 10-30	0.0 0.0	BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 30-4-5 E.
10-30	1.27	INDIAN CREEK NEAR PICKRELL NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 22-5-6 E.
9-26 10-30	0.0 0.0	POSSUM CREEK NEAR PICKRELL SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 22-5-6 E.
9-26 10-31	0.0 0.094	TOWN CREEK NEAR PICKRELL SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 26-5-6 E.
9-26	0.460	INDIAN CREEK NEAR PICKRELL SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 27-5-6 E.

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

Date	Discharge sec.-ft.	Site and Location
10-30	0.863	INDIAN CREEK NEAR PICKRELL NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 34-5-6 E.
10-30	1.17	INDIAN CREEK NEAR PICKRELL NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 11-4-6 E.
9-26	0.480	INDIAN CREEK NEAR BEATRICE SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 10-4-6 E.
7-11	4.99	INDIAN CREEK AT BEATRICE SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 27-4-6 E.
7-31 7-31 9-26 10-30	2.49 2.36 1.00 1.90	INDIAN CREEK AT BEATRICE SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 28-4-6 E.
9-5 9-6 9-26 10-30	738 472 185 238	BIG BLUE RIVER AT BEATRICE SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 3-3-6 E.
7-11	8.93	BEAR CREEK NEAR BEATRICE NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 1-3-6 E.
7-11	4.28	SICILY CREEK NEAR ODELL SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 34-2-6 E.

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, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
		BIG INDIAN CREEK NEAR WYMORE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-2-7 E.
7-11	31.9	
		PLUM CREEK NEAR BARNESTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-1-8 E.
7-11	12.2	

LITTLE BLUE RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1984			MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984			MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1984		
Date	Discharge sec.-ft.	Site and Location	Date	Discharge sec.-ft.	Site and Location	Date	Discharge sec.-ft.	Site and Location
		<u>UPPER LITTLE BLUE RIVER</u>			SPRING CREEK, TRIBUTARY TO, AT DESHLER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-2-4 W.			DRY SANDY CREEK NEAR ALEXANDRIA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-3-1 W.
7-19	41.7	LITTLE BLUE RIVER AT AYR NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-5-10 W.	7-25	4.62		7-26	20.5	
		SCOTT CREEK NEAR AYR NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-6-10 W.	7-24	13.5	SPRING CREEK NEAR HEBRON SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-2-3 W.	7-26	109	BIG SANDY CREEK NEAR ALEXANDRIA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-3-1 W.
7-19	8.67				<u>BIG SANDY CREEK</u>			<u>LOWER LITTLE BLUE RIVER</u>
		LITTLE BLUE RIVER NEAR AYR SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-6-10 W.	7-25	12.9	BIG SANDY CREEK NEAR DAVENPORT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-4-4 W.	7-26	8.19	LITTLE SANDY CREEK NEAR FAIRBURY NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-3-2 E.
7-19	53.7				LITTLE SANDY CREEK NEAR DAVENPORT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-4-4 W.	7-26	0.50	WHISKEY CREEK NEAR FAIRBURY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-2-2 E.
		ASH CREEK AT PAULINE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-5-9 W.	7-25	14.7		7-24	0.40	WILEY CREEK NEAR REYNOLDS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-1-1 E.
7-19	5.65				DRY CREEK NEAR CARLETON NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-4-3 W.	7-24	0.40	
		LITTLE BLUE RIVER AT PAULINE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-5-9 W.	7-25	7.94		7-24	7.05	ROSE CREEK NEAR HUBBELL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-1-1 W.
7-19	8.21				BIG SANDY CREEK NEAR BELVIDERE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-3-2 W.	8-23	13.2	
		PANNEE CREEK NEAR DEWEESE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-5-8 W.	7-25	56.6		7-24	6.09	BUCKLEY CREEK NEAR REYNOLDS SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-1-1 E.
7-20	12.4				BIG SANDY CREEK, SOUTH FORK, NEAR BELVIDERE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-3-2 W.	7-24	6.09	
		ELK CREEK NEAR OAK SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-3-5 W.	7-25	15.1		8-28	14.1	ROSE CREEK NEAR FAIRBURY NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-1-2 E.
7-25	0.011				DRY SANDY CREEK NEAR STRANG SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-5-2 W.			
		LITTLE BLUE RIVER AT THAYER COUNTY LINE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-3-4 W.	7-20	16.3				
7-25	122							
		SPRING CREEK NEAR DESHLER NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-2-4 W.						
7-25	6.03							

LITTLE BLUE RIVER BASIN

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MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Discharge sec.-ft.</u>	<u>Site and Location</u>
		ROSE CREEK NEAR ENDICOTT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-1-2 E.
7-24	31.8	
		ROCK CREEK AT ENDICOTT NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-1-3 E.
7-24	0.81	

- 1 Measurements taken by the Nebraska Department of Environmental Control.
- 2 Measurements taken by the Lower Loup Natural Resources District.
- 3 Combined Nebraska Department of Water Resources and Nebraska Department of Environmental Control measurement site.
- 4 Measurements taken by University of Nebraska - Lincoln (Robert Hiergesell.)
- 5 Combined Nebraska Department of Water Resources and University of Nebraska - Lincoln measurement site.

MISCELLANEOUS DISCHARGE MEASUREMENTS OF
CANAL AND PUMP DIVERSIONS 1984

WHITE RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS
Year Ending December 31, 1984

<u>Date</u>	<u>Diversion sec.-ft.</u>	<u>Site and Location</u>
8-13	7.51	WHITE RIVER CANAL--D-447, A-936 FROM WHITE RIVER Sec. 34-32-52 W.
7-3	10.2	HARRIS-COOPER CANAL--D-464a, D-464b FROM WHITE RIVER Sec. 26-32-52 W.
8-13	3.16	
8-8	0.45	ROOS PUMP--A-4740 FROM WHITE RIVER Sec. 26-32-52 W.
5-17	0.0	WHITNEY PIPE LINE--A-1603, A-1625 FROM WHITE RIVER Sec. 26-32-52 W.
6-27	0.0	
7-23	0.0	
4-17	2.20	STUART BROTHERS CANAL, SOUTH-- D-425R, A8R FROM LITTLE COTTONWOOD CREEK Sec. 18-32-52 W.
3-29	0.0	SQUAW CREEK RESERVOIR--A-1132 FROM SQUAW CREEK Sec. 12-31-52 W. (STORAGE IN ACRE-FEET)
4-16	0.0	

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Diversion sec.-ft.</u>	<u>Site and Location</u>
8-22	1.31	RASHER CANAL--D-456, D-467 FROM WHITE RIVER Sec. 19-32-51 W.
8-22	0.0	CHASEK PUMP--A-15593 FROM WHITE RIVER Sec. 2-32-51 W.
8-22	0.0	KOLLARS PUMP--A-8499 FROM WHITE RIVER Sec. 2-32-51 W.
8-22	0.0	HAGEMAN PUMP--A-2046 FROM WHITE RIVER Sec. 26-33-50 W.
8-22	0.0	CUCKLER PUMP--A-5517 FROM WHITE RIVER Sec. 25-33-50 W.
8-22	0.0	LOGAN PUMP--A-3038 FROM WHITE RIVER Sec. 30-33-49 W.
8-22	0.0	SCHUMACHER PUMP--A-4720 FROM WHITE RIVER Sec. 19-33-49 W.
8-17	1.52	
8-22	0.0	RASMUSSEN PUMP--A-16173 FROM CHADRON CREEK Sec. 10-33-49 W.
8-20	0.0	

SOUTH PLATTE RIVER BASIN
(LODGEPOLE CREEK)

MEASUREMENT OF CANALS AND PUMPS
Year Ending December 31, 1984

<u>Date</u>	<u>Diversion sec.-ft.</u>	<u>Site and Location</u>
6-4	0.0	PLATT PUMP--A-12931 FROM LODGEPOLE CREEK Sec. 31-15-57 W.
6-4	0.0	FERGUSON PUMP--D-345R, D-348R FROM LODGEPOLE CREEK Sec. 34-15-56 W.
6-4	0.0	HURLEY-LILLY-POLLY CANAL--D-354 FROM LODGEPOLE CREEK Sec. 26-15-56 W.
6-4	0.0	BICKEL-FADEN CANAL--D-347, A-719 FROM LODGEPOLE CREEK Sec. 30-15-55 W.
6-4	0.0	ATKINS-POLLY CANAL--D-342, D-344, A-897R FROM LODGEPOLE CREEK Sec. 30-15-55 W.
6-4	0.0	OWASCO CANAL--D-347, A-725 FROM LODGEPOLE CREEK Sec. 29-15-55 W.

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
		<u>MIDDLE LOUP RIVER TO CONFLUENCE WITH SOUTH LOUP RIVER</u>
7-9	2.0	HANSEN PUMP--A-13438, A-14228 FROM MIDDLE LOUP RIVER Sec. 12-19-19 W.
8-6	0.8	L. PRITSCHAU PUMP--A-13283 FROM MIDDLE LOUP RIVER Sec. 26-13-13 W.
7-23	1.2	T. PRITSCHAU PUMP--A-15737 FROM MIDDLE LOUP RIVER Sec. 26-13-13 W.
		<u>SOUTH LOUP RIVER ABOVE MUD CREEK</u>
7-24	0.6	HICKENBOTTOM PUMP--A-15837 FROM SOUTH LOUP RIVER Sec. 22-15-22 W.
8-29	1.3	MYERS PUMP--A-14918 FROM SOUTH LOUP RIVER Sec. 21-14-20 W.
7-23	1.2	PAULSEN FARMS PUMP--A-14730 FROM SOUTH LOUP RIVER Sec. 1-13-20 W.

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
7-23 8-29	1.1 1.1	DOUGHERTY AND SHOEMAKER PUMP--A-13105 FROM SOUTH LOUP RIVER Sec. 30-13-18 W.
		<u>MUD CREEK</u>
7-31	0.7	PETRICK PUMP--A-15294 FROM MUD CREEK Sec. 16-15-18 W.
7-19	1.2	CHAMBERLIN PUMP--A-13657 FROM MUD CREEK Sec. 32-15-17 W.
7-19	1.0	WAGNER PUMP--A-13352 FROM MUD CREEK Sec. 35-15-17 W.
		<u>MIDDLE LOUP RIVER, SOUTH LOUP RIVER TO NORTH LOUP RIVER</u>
7-23	0.8	SUNTYCH PUMP--A-13926 FROM SOUTH LOUP RIVER Sec. 6-12-12 W.
8-6	0.6	MORROW PUMP--A-15746 FROM OAK CREEK Sec. 9-15-13 W.

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
8-7	1.8	STANCZYK PUMP--A-13034, A-15744 FROM OAK CREEK Sec. 15-15-13 W.
7-20	0.4	JAKUBOWSKI PUMP--A-13332 FROM OAK CREEK Sec. 27-15-13 W.
7-20	0.5	BADURA PUMP--A-15793 FROM OAK CREEK Sec. 35-15-13 W.
7-30	2.6	KROGH PUMP--A-14444, A-14445 FROM OAK CREEK Sec. 30-14-11 W.
8-2	0.2	PETERSON PUMP--A-15418 FROM OAK CREEK Sec. 31-14-11 W.
8-9	1.7	SHAUGHNESSY PUMP--A-15612 FROM TURKEY CREEK Sec. 11-14-12 W.
8-7	1.8	SHAUGHNESSY PUMP--A-15720 FROM TURKEY CREEK Sec. 17-14-11 W.
8-6	1.4	LEWANDOWSKI PUMP--A-14632 FROM TURKEY CREEK Sec. 28-14-11 W.

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
8-6	1.4	KOPERSKI PUMP--A-13285 FROM TURKEY CREEK Sec. 27-14-11 W.
8-6	0.9	ALDERMAN PUMP--A-16050 FROM TURKEY CREEK Sec. 19-14-10 W.
8-2	1.3	K. I. L. PUMP--A-13823 FROM TURKEY CREEK Sec. 20-14-10 W.
8-16	0.9	JENSEN PUMP--A-14872 FROM TURKEY CREEK, TRIBUTARY TO Sec. 16-14-11 W.
8-9	2.2	WILSON PUMP--A-15441 FROM MIDDLE LOUP RIVER Sec. 35-15-10 W.
7-24	1.0	<u>NORTH LOUP RIVER</u> ZIEGLER PUMP--A-15608 FROM NORTH LOUP RIVER Sec. 28-21-17 W.
7-25	1.7	PETSKA PUMP--A-14765 FROM TURTLE CREEK Sec. 31-20-14 W.

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
8-14	1.2	SHOEMAKER PUMP--A-12675 FROM NORTH LOUP RIVER Sec. 26-19-13 W.
7-17	1.2	SCHUDEL PUMP--A-14539 FROM NORTH LOUP RIVER Sec. 24-18-13 W.
7-19	0.9	GOLDFISH PUMP--A-16243 FROM NORTH LOUP RIVER Sec. 16-17-12 W.
8-14	2.4	HANSEN PUMP--A-12753 FROM NORTH LOUP RIVER Sec. 22-17-12 W.
7-20	0.5	HICKMAN PUMP--A-15487 FROM DAVIS CREEK, TRIBUTARY TO Sec. 6-16-13 W.
7-24	0.5	SHOEMAKER FARMS, INC. PUMP-- A-15791 FROM DAVIS CREEK Sec. 2-16-13 W.
7-19	1.1	DAVIS CREEK LAND AND CATTLE COMPANY PUMP--A-15159 FROM DAVIS CREEK Sec. 34-17-12 W.

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
7-5 7-17	3.6 4.4	JACOBSEN PUMP--A-14639 FROM NORTH LOUP RIVER Sec. 35-17-12 W.
7-17	2.1	ENDER PUMP--A-13200 FROM NORTH LOUP RIVER Sec. 18-16-11 W.
7-5	2.0	WELLS PUMP--A-14871 FROM NORTH LOUP RIVER Sec. 20-16-11 W.
7-17	0.7	LASSEN PUMP--A-15501 FROM MUNSON CREEK Sec. 1-15-12 W.
7-24	1.1	LASSEN PUMP--A-15802 FROM MUNSON CREEK Sec. 1-15-12 W.
7-17	0.7	BURMOOD PUMP--A-14238 FROM MUNSON CREEK Sec. 5-15-11 W.
7-24	0.6	KELLER PUMP--A-14391 FROM MUNSON CREEK Sec. 5-15-11 W.

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
7-24	1.3	WILSON PUMP--A-14224 FROM MUNSON CREEK Sec. 33-16-11 W.
7-17	0.7	WILSON PUMP--A-14225 FROM NORTH LOUP RIVER Sec. 34-16-11 W.
7-16 8-2	0.8 0.9	D. POSS PUMP--A-13353 FROM NORTH LOUP RIVER Sec. 18-15-10 W.
7-17	0.9	D. POSS PUMP--A-15798 FROM NORTH LOUP RIVER Sec. 18-15-10 W.
7-16	1.1	ANDERSON PUMP--A-16215 FROM NORTH LOUP RIVER Sec. 17-15-10 W.
7-24	1.4	AMBROSE PUMP--A-15924 FROM NORTH LOUP RIVER, TRIBUTARY TO Sec. 24-15-10 W.
7-24 8-2	0.5 1.0	SCHMIDT PUMP--A-15922 FROM NORTH LOUP RIVER, TRIBUTARY TO Sec. 24-15-11 W.

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
8-13	0.9	LOWER LOUP RIVER ABOVE THE CEDAR RIVER D. ANDERSON PUMP--A-14239 FROM SPRING CREEK Sec. 30-16-9 W.
7-16 8-2	1.3 1.9	E. ANDERSON, JR. PUMP--A-15997 FROM SPRING CREEK Sec. 8-15-9 W.
7-20 8-2	1.7 1.8	WERNER PUMP--A-15151 FROM LOUP RIVER Sec. 9-15-9 W.
7-16 7-20 7-24 7-27	0.7 2.3 1.3 2.6	TIBBETTS PUMP--A-13591 FROM LOUP RIVER Sec. 7-15-7 W.
7-24	5.1	J. H. RUSSELL PUMP--A-13679, A-14504 FROM LOUP RIVER Sec. 4-15-7 W.
7-25 8-2	1.5 2.7	V. SONDERUP PUMP--A-15515 FROM LOUP RIVER Sec. 33-16-7 W.

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
7-27	2.8	PETERSON PUMP--A-14565 FROM LOUP RIVER Sec. 3-15-7 W.
7-24	2.1	ARNOLD PUMP--A-14895 FROM LOUP RIVER Sec. 3-15-7 W.
7-24	1.5	D. CUMMINGHAM PUMP--A-13581 FROM LOUP RIVER Sec. 2-15-7 W.
7-24	1.5	ZIMMER PUMP--A-15043 FROM LOUP RIVER Sec. 35-16-7 W.
7-17	1.8	GALLOWAY AND MORRISON PUMP-- A-15309 FROM LOUP RIVER Sec. 35-16-7 W.
8-2	2.1	I. CUNNINGHAM PUMP--A-15438 FROM LOUP RIVER Sec. 35-16-7 W.
7-20 7-24	3.0 2.7	ZIMMER PUMP--A-15042 FROM LOUP RIVER Sec. 29-16-6 W.

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Diversion sec.-ft.</u>	<u>Site and Location</u>
		<u>CEDAR RIVER</u>
		BRINKMAN PUMP--A-13810 FROM CEDAR RIVER Sec. 33-21-11 W.
8-2	0.7	
		MARTINSEN PUMP--A-12680 FROM CEDAR RIVER Sec. 8-19-8 W.
7-25	1.1	
		R. SCOTT PUMP--A-15535 FROM CEDAR RIVER Sec. 1-17-7 W.
8-2	1.7	
		MALANDER PUMP--A-14904 FROM CEDAR RIVER Sec. 29-17-6 W.
7-25	1.2	
		DOUTHIT PUMP--A-15005 FROM CEDAR RIVER Sec. 33-17-6 W.
7-20	1.4	
		DOUTHIT PUMP--A-15004 FROM CEDAR RIVER Sec. 4-16-6 W.
8-13	3.1	
		J. WONDERCHECK PUMP--A-13930 FROM CEDAR RIVER Sec. 11-16-6 W.
7-25	1.8	
8-13	1.2	

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Diversion sec.-ft.</u>	<u>Site and Location</u>
		SYSLO PUMP--A-13662 FROM CEDAR RIVER Sec. 7-16-5 W.
7-23	1.5	
		<u>LOWER LOUP RIVER BELOW THE CEDAR RIVER</u>
		SONDERUP PUMP--A-14800, A-14843, A-16073 FROM LOUP RIVER Sec. 3-16-5 W.
7-17	4.3	
7-27	5.4	
		ZAREK PUMP--A-16216 FROM LOUP RIVER Sec. 36-17-5 W.
8-13	0.5	

REPUBLICAN RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS
Year Ending December 31, 1984

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location	Date	Diversion sec.-ft.	Site and Location	Date	Diversion sec.-ft.	Site and Location
		<u>UPPER REPUBLICAN RIVER</u>			<u>LOWER REPUBLICAN RIVER</u>			KENNEDY PUMP--A-12485 FROM REPUBLICAN RIVER Sec. 12-1-16 W.
		HATGLER CANAL, STATELINE--D-1025 FROM REPUBLICAN RIVER Sec. 15-1-42 W.			HAWLEY PUMP--A-13587 FROM EUREKA CREEK Sec. 1-1-17 W.	8-20	1.10	BEAN, DUNN, DUNN PUMP--A-3079 FROM REPUBLICAN RIVER Sec. 1-1-16 W.
6-25	21.7		8-21	0.77				
7-17	13.0				HAWLEY PUMP--A-13588 FROM REPUBLICAN RIVER Sec. 12-1-17 W.	8-20	1.84	
8-7	17.8							
9-5	21.7							
10-4	20.2							
		HATGLER CANAL (SPILLBACK)-- D-1025 FROM REPUBLICAN RIVER Sec. 36-1-42 W.	8-21	0.0	LIESINGER PUMP--A-14734 FROM REPUBLICAN RIVER Sec. 8-1-16 W.	8-24	1.56	KAHRS PUMP--A-3081 FROM REPUBLICAN RIVER Sec. 7-1-15 W.
6-25	13.2							
7-17	0.0		8-20	0.45				GORACKE PUMP--A-5429 FROM REPUBLICAN RIVER Sec. 8-1-15 W.
9-5	2.78				POST PUMP--A-13043 FROM REPUBLICAN RIVER Sec. 8-1-16 W.	8-24	0.66	
		ALLEN-LARNED CANAL--D-117 FROM BUFFALO CREEK Sec. 18-1-40 W.						
6-25	3.92		8-21	1.23				K&H FARMS PUMP--A-5363 FROM REPUBLICAN RIVER Sec. 8-1-15 W.
7-17	3.79				HUMPERT PUMP--A-9507 FROM REPUBLICAN RIVER Sec. 16-1-16 W.	8-24	0.70	
8-7	3.94							
9-5	3.45							
		JENKINS CANAL--A-924 FROM BUFFALO CREEK Sec. 18-1-40 W.	8-20	1.78	HUMPERT PUMP--A-4250 FROM REPUBLICAN RIVER Sec. 16-1-16 W.	8-24	1.64	KAHRS PUMP--A-5626 FROM REPUBLICAN RIVER Sec. 2-1-15 W.
7-17	1.66							
8-7	1.22		8-20	0.85				YELKEN PUMP--A-15562 FROM REPUBLICAN RIVER Sec. 1-1-15 W.
9-5	1.59				HOWELL PUMP--A-3134 FROM REPUBLICAN RIVER Sec. 10-1-16 W.	8-24	0.0	
		PARKS CANAL--A-1202, A-1444, A-1555 FROM REPUBLICAN RIVER Sec. 20-1-39 W.						
9-5	1.55		8-20	0.62				CLINE PUMP--A-4782 FROM REPUBLICAN RIVER SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 6-1-14 W.
						8-15	1.38	

REPUBLICAN RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Diversion sec.-ft.</u>	<u>Site and Location</u>
8-14	0.0	ZIEGLER PUMP--A-14774 FROM REPUBLICAN RIVER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-1-14 W.
8-14	2.00	PATTON PUMP--A-11280 FROM REPUBLICAN RIVER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-1-14 W.
8-15	0.0	FELLRATH PUMP--A-9550 FROM REPUBLICAN RIVER SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-1-14 W.
8-14	1.30	McNIFF PUMP--A-13836 FROM REPUBLICAN RIVER SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-1-14 W.
8-14	0.0	McNIFF PUMP--A-15647 FROM REPUBLICAN RIVER NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-1-14 W.
8-15	1.34	SINDT PUMP--A-15447 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-1-14 W.
8-15	4.16	SINDT PUMP--A-10631 FROM REPUBLICAN RIVER SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-1-13 W.
8-4	0.0	ZIEGLER PUMP--A-8728 FROM REPUBLICAN RIVER Sec. 5-1-13 W.
8-14	0.0	

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Diversion sec.-ft.</u>	<u>Site and Location</u>
8-15	0.96	HAMILTON PUMP--A-5511 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-2-13 W.
8-14	0.0	SIEL PUMP--A-15816 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-1-13 W.
8-15	1.76	BUSH PUMP--A-12716 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-1-13 W.
8-15	3.97	MINNICK PUMP--A-15602 FROM REPUBLICAN RIVER SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-1-13 W.
8-14	1.39	ECKHARDT PUMP--A-6504 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-1-13 W.
8-14	0.0	CROOK PUMP--A-5395 FROM REPUBLICAN RIVER Sec. 7-1-12 W.
8-24	0.85	
8-14	0.0	ARNESON PUMP--A-2318 FROM REPUBLICAN RIVER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-1-12 W.

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

<u>Date</u>	<u>Diversion sec.-ft.</u>	<u>Site and Location</u>
8-14	0.0	ARNESON PUMP--A-3558 FROM REPUBLICAN RIVER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-1-12 W.
8-14	0.0	ARNESON PUMP--A-12486 FROM REPUBLICAN RIVER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-1-12 W.
8-14	2.15	R & J FARMS PUMP--A-12858 FROM REPUBLICAN RIVER Sec. 5-1-12 W.
8-24	0.0	
8-14	0.0	ARNESON PUMP--A-16011 FROM REPUBLICAN RIVER NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-1-12 W.
8-14	0.0	R & J FARMS PUMP--A-12981 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-1-12 W.
8-14	0.0	R & J FARMS PUMP--A-12884 FROM REPUBLICAN RIVER NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-1-12 W.
8-14	0.0	AIRES PUMP--A-15555 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-1-12 W.
8-14	0.0	

REPUBLICAN RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1984

Date	Diversion sec.-ft.	Site and Location
8-14	0.0	MITCHELL PUMP--A-14127 FROM REPUBLICAN RIVER SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2-1-12 W.
8-14 8-24	0.0 0.0	MITCHELL PUMP--A-7439 FROM REPUBLICAN RIVER Sec. 2-1-12 W.
8-14	0.0	SPRAGUE PUMP--A-5676 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-1-12 W.
8-14	0.0	JOHNSON PUMP--A-6227 FROM REPUBLICAN RIVER SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-1-12 W.
8-14 8-24	2.74 0.0	LEWIS PUMP--A-12856 FROM REPUBLICAN RIVER Sec. 7-1-11 W.
8-14	0.0	REHIER PUMP--A-10177 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-1-11 W.
8-14	0.0	LEWIS PUMP--A-3248 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-1-11 W.

Date	Diversion sec.-ft.	Site and Location
8-14 8-24	0.0 0.0	AUBUSHON PUMP--A-12459 FROM REPUBLICAN RIVER Sec. 10-1-11 W.
8-14 8-24	0.0 0.0	LETSON PUMP--A-10869 FROM REPUBLICAN RIVER Sec. 12-1-11 W.
8-14	0.0	SHUTE PUMP--A-5677 FROM REPUBLICAN RIVER NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-1-11 W.
8-14	1.74	BEEZLEY PUMP--A-3244 FROM REPUBLICAN RIVER NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-1-10 W.
8-14 8-24	0.0 0.62	HARRIS PUMP--A-5038 FROM REPUBLICAN RIVER Sec. 4-1-10 W.
8-14	3.83	BOWEN PUMP--A-5439 FROM REPUBLICAN RIVER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-1-10 W.
8-14	2.50	ORD BROTHERS PUMP--A-4205 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-1-10 W.

Date	Diversion sec.-ft.	Site and Location
8-14 8-24	0.0 0.46	PETERSON PUMP--A-5406 FROM REPUBLICAN RIVER Sec. 10-1-10 W.
8-14	0.0	TIETJEN PUMP--A-5426 FROM REPUBLICAN RIVER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-1-10 W.
8-14	1.43	GLEASON PUMP--A-10852 FROM REPUBLICAN RIVER SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-1-10 W.

MISCELLANEOUS DATA

1984

PRECIPITATION AT VARIOUS POINTS
Data Compiled for Calendar Year from Records
of the United States Weather Bureau
Values in Inches
1984

	Normal		1984	
	Monthly Accumulative		Monthly Accumulative	
*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION 4080				
January	0.25	0.25	0.00	
February	0.24	0.49	No record	
March	0.56	1.05	0.63	
April	1.31	2.36	2.80	
May	2.63	4.99	0.97	
June	3.41	8.40	3.00	
July	1.56	9.96	1.46	
August	1.16	11.12	0.37	
September	1.07	12.19	0.62	
October	0.79	12.98	0.96	
November	0.33	13.31	0.09	
December	0.29	13.60	0.22	
*71 year record				
*BRIDGEPORT STATION, MORRILL COUNTY--ELEVATION 3666				
January	0.35	0.35	0.24	0.24
February	0.29	0.64	0.14	0.38
March	0.72	1.36	0.99	1.37
April	1.42	2.78	3.78	5.15
May	3.10	5.88	0.99	6.14
June	3.67	9.55	3.05	9.19
July	2.40	11.95	2.73	11.92
August	1.38	13.33	0.79	12.71
September	1.42	14.75	0.53	13.24
October	0.83	15.58	1.20	14.44
November	0.38	15.96	0.06	14.50
December	0.34	16.30	0.52	15.02
*86 year record				
*OSHKOSH STATION, GARDEN COUNTY--ELEVATION 3393				
January	0.35	0.35	0.26	0.26
February	0.38	0.73	0.68	0.94
March	0.83	1.56	0.55	1.49
April	1.66	3.22	3.33	4.82
May	3.16	6.38	2.67	7.49
June	3.27	9.65	1.48	8.97
July	2.64	12.29	1.19	10.16
August	2.03	14.32	0.84	11.00
September	1.50	15.82	0.17	11.17
October	0.99	16.81	1.14	12.31
November	0.57	17.38	0.23	12.54
December	0.35	17.73	0.89	13.43
*71 year record				

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1984	
	Monthly Accumulative		Monthly Accumulative	
*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION 2775 (Airport)				
January	0.45	0.45	0.36	0.36
February	0.52	0.97	0.87	1.23
March	0.99	1.96	1.20	2.43
April	1.93	3.89	5.01	7.44
May	3.26	7.15	2.82	10.26
June	3.77	10.92	4.37	14.63
July	2.98	13.90	0.94	15.57
August	2.07	15.97	1.38	16.95
September	3.01	17.98	0.39	17.34
October	0.99	18.97	2.41	19.75
November	0.52	19.49	0.69	20.44
December	0.41	19.90	0.72	21.16
*44 year record				
*GOTHENBURG STATION, DAWSON COUNTY--ELEVATION 2565				
January	0.45	0.45	0.53	0.53
February	0.54	0.99	1.38	1.91
March	1.15	2.14	1.24	3.15
April	2.03	4.17	7.29	10.44
May	3.25	7.42	3.84	14.28
June	4.43	11.85	6.29	20.57
July	2.82	14.67	0.70	21.27
August	2.53	17.20	0.48	21.75
September	2.08	19.28	0.54	22.29
October	1.16	20.44	3.87	26.16
November	0.54	20.98	0.61	26.77
December	0.45	21.43	0.50	27.27
*89 year record				
*GRAND ISLAND STATION, HALL COUNTY--ELEVATION 1841				
January	0.52	0.52	0.24	0.24
February	0.76	1.28	1.65	1.89
March	1.18	2.46	3.18	5.07
April	2.47	4.93	7.34	12.41
May	3.78	8.71	5.75	18.16
June	4.40	13.11	3.95	22.11
July	3.00	16.11	1.99	24.10
August	2.54	18.65	1.21	25.31
September	2.51	21.16	0.19	25.50
October	1.08	22.24	3.49	28.99
November	0.61	22.85	1.37	30.36
December	0.56	23.41	1.34	31.70
*91 year record				

PRECIPITATION AT VARIOUS POINTS--Continued

PRECIPITATION AT VARIOUS POINTS--Concluded

	Normal		1984	
	Monthly	Accumulative	Monthly	Accumulative
*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION 4320				
January	0.30	0.30	0.49	0.49
February	0.32	0.62	0.51	1.00
March	0.88	1.50	1.35	2.35
April	1.64	3.14	3.90	6.25
May	3.27	6.41	1.93	8.18
June	3.56	9.97	3.08	11.26
July	2.53	12.50	0.99	12.25
August	1.79	14.29	1.99	14.24
September	1.35	15.64	0.75	14.99
October	1.03	16.67	1.21	16.20
November	0.49	17.16	0.09	16.29
December	0.39	17.55	1.06	17.35
*55 year record				
*ORD STATION, VALLEY COUNTY--ELEVATION 2070				
January	0.62	0.62	0.24	0.24
February	0.86	1.48	0.88	1.12
March	1.40	2.88	1.52	2.64
April	2.25	5.13	5.47	8.11
May	3.39	8.52	2.65	10.76
June	4.33	12.85	5.01	15.77
July	2.68	15.53	1.41	17.18
August	2.64	18.17	3.02	20.20
September	2.39	20.56	0.63	20.83
October	1.41	21.97	4.64	25.47
November	0.63	22.60	1.75	27.22
December	0.64	23.25	0.62	27.84
*93 year record				
*FORT ROBINSON STATION, DAWES COUNTY--ELEVATION 3807				
January	0.43	0.43	No report	
February	0.50	0.93	0.74	
March	0.92	1.85	1.13	
April	1.86	3.71	3.84	
May	3.59	7.30	2.37	
June	3.83	11.13	No report	
July	2.14	13.27	"	
August	1.47	14.74	"	
September	1.34	16.08	"	
October	1.00	17.08	"	
November	0.58	17.66	"	
December	0.43	18.09	"	
*100 year record				

	Normal		1984	
	Monthly	Accumulative	Monthly	Accumulative
*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION 2720				
January	0.47	0.47	0.56	0.56
February	0.53	1.00	1.01	1.67
March	1.07	2.07	2.05	3.62
April	1.84	3.91	4.76	8.38
May	3.26	7.17	3.10	11.48
June	3.46	10.63	3.61	15.09
July	3.32	13.95	2.64	17.73
August	2.46	16.41	1.95	19.68
September	1.92	18.33	0.10	19.78
October	1.31	19.64	3.72	23.50
November	0.64	20.28	0.48	23.98
December	0.49	20.77	0.73	24.71
*96 year record				
*GENOA STATION, NANCE COUNTY--ELEVATION 1590				
January	0.47	0.47	0.22	0.22
February	0.90	1.37	2.68	2.90
March	1.20	2.57	2.60	5.50
April	2.42	4.99	6.79	12.29
May	3.78	8.77	5.72	18.01
June	4.80	13.57	5.36	23.37
July	3.26	16.83	2.98	26.35
August	3.07	19.90	2.20	28.55
September	2.68	22.58	0.24	28.79
October	1.38	23.96	4.43	33.22
November	0.58	24.54	0.88	34.10
December	0.70	25.24	1.38	35.48
*108 year record				
*HOLDREGE STATION, PHELPS COUNTY--ELEVATION 2330				
January	0.58	0.58	0.23	0.23
February	0.80	1.38	1.85	2.08
March	1.33	2.71	3.28	5.36
April	2.29	5.00	4.88	10.24
May	4.07	9.07	4.23	14.47
June	4.83	13.90	1.44	15.91
July	3.12	17.02	2.19	18.10
August	2.65	19.67	1.25	19.35
September	2.56	22.23	0.02	19.37
October	1.53	23.76	6.13	25.50
November	0.60	24.36	0.26	25.76
December	0.58	24.94	1.17	26.93
*94 year record				

**DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT**

Values in Acre-feet

For Year Ending December 31, 1984

	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
Tri-State from:								
Akers Draw.....	0	230	0	0	0	70	0	300
Sheep Creek.....	0	0	0	0	0	0	0	0
Dry Spottedtail Creek..	0	0	0	0	0	0	0	0
Wet Spottedtail Creek..	0	320	0	0	0	130	0	450
Tub Springs.....	0	0	0	0	0	0	0	0
Alliance Drain.....	0	0	150	1160	1210	560	0	3080
Northport Canal from:								
Akers Draw.....	0	530	630	760	870	830	0	3620
Sheep Creek.....	0	1080	3730	5090	6340	5400	0	21640
Dry Spottedtail Creek..	0	200	970	1530	1670	1340	0	5710
Wet Spottedtail Creek..	0	710	1030	1040	1450	1700	0	5930
Tub Springs.....	0	200	1500	2740	2790	2140	0	9370
Enterprise Canal from:								
Morrill Drain.....	0	50	10	60	90	110	0	320
Winters Creek.....	0	0	50	120	120	60	0	350
Alliance Canal from:								
Bayard Drain.....	300	1110	1800	1770	710	1110	10	6810
Red Willow Creek.....	0	730	2360	3610	3240	1980	240	12160
Totals.....	300	5160	12230	17880	18490	15430	250	69740

MONTHLY EVAPORATION IN FEET--1984

STATION	May	June	July	Aug.	Sept.	Total
Pathfinder Dam	0.640	0.662	0.820	0.828	0.534	3.484
Whalen Dam	0.648	0.655	0.828	0.705	0.429	3.265
Bridgeport	0.709	0.774	0.872	0.822	0.508	3.685
Kingsley Dam	f	f	0.549	0.583	0.379	
North Platte	0.652	0.734	0.815	0.828	0.592	3.621

All are United States Weather Bureau Class "A" pans
/No record reported

**DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
Values in Acre-feet
For Calendar Year Ending December 31, 1984**

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
*Bald Drain	10	110	150	380	940	2630	2160	1700	2080	490	90	50	10790
Bayard Sugar Factory Drain	1250	1110	1270	1130	650	1510	2540	4020	3220	1800	1420	1230	21150
^Cleveland Drain	120	60	60	170	250	1000	1230	1130	1160	870	150	60	6260
*DeGraw Drain	250	230	320	420	360	450	660	920	720	400	240	190	5160
Dugout Creek, Upper	290	240	200	310	1180	4000	1450	1300	3360	520	450	340	13640
*Fairfield Seep	60	60	60	110	180	200	180	190	230	120	60	30	1480
*Fanning Seep	0	0	0	80	140	160	10	0	0	0	0	0	390
Gering Drain	1680	1460	1470	1600	4360	10500	6530	6900	11140	2260	1840	1820	51560
Horse Creek	1840	1440	2390	8180	28500	27150	12040	10650	15270	8990	6950	8430	131830
^Indian Creek	410	330	310	330	730	1850	2260	2420	2480	760	490	440	12810
*Lane Drain	120	120	70	150	120	110	100	150	120	120	120	160	1460
^Melbeta Drain	120	120	120	130	150	750	1650	930	930	210	120	190	5420
Nine Mile Drain	5380	4530	4910	4870	6600	7870	10600	12650	12110	7980	6410	5620	89530
Red Willow Creek	4520	3830	3970	3970	10970	12650	7480	8990	14770	7420	5180	4440	88190
*Scottsbluff Drain No. 1	220	160	120	180	180	180	210	260	290	230	180	160	2370
*Scottsbluff Drain No. 2	140	210	150	260	230	320	310	280	380	190	180	180	2830
Sheep Creek	4970	4270	4370	4230	3130	310	650	500	1640	7020	5750	5510	42350
Spottedtail Creek, Dry	1130	1130	1170	1240	3070	5400	5050	4440	5640	2420	1380	1740	33810
*Spottedtail Creek, Wet	610	520	640	840	800	930	880	900	840	800	770	750	9280
Tub Springs Creek	2480	1860	1730	1650	3530	2960	2500	2630	3630	4120	2810	2610	32510
Winters Creek	2680	2750	2710	2700	3140	4390	3210	4040	6940	4720	3750	3150	44180
Totals	28280	24540	26190	32930	69210	85320	61700	65000	86950	51440	38340	37100	607000

*Estimated for entire year from measurements
^Estimated October-April, inclusive. One reading daily May-September.

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

Values in Acre-feet

For the Calendar Year Ending December 31, 1985

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Guernsey to Whalen	0	0	0	33030	61640	140180	216370	215760	159960	18490	0	0	845430
Whalen to State Line	0	0	0	0	10130	23640	36520	35930	21700	0	0	0	127920
State Line to Mitchell	0	0	0	0	43650	55310	95310	88660	53080	0	0	0	336010
Mitchell to Minatare	0	0	0	0	3180	10820	17060	17070	10710	3270	0	0	62110
Minatare to Bridgeport	0	0	0	300	8400	20040	26460	23660	17890	850	0	0	97600
Bridgeport to Lisco	0	0	0	0	480	6250	10380	8930	5240	1200	0	0	32480
Lisco to Keystone	0	0	0	0	6550	7560	11170	16160	17270	5240	0	0	63950
Keystone to North Platte	0	0	0	0	5290	15990	39050	34930	20230	4260	220	0	119970
North Platte to Odessa	0	0	0	280	17160	43340	158430	171080	49650	10	0	0	439950
Totals	0	0	0	33610	156480	323130	610750	612180	355730	33320	220	0	2125420

SUMMARY
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Calendar Year 1984		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
Ainsworth	35841	63450	1.77
Alliance	6160	18970	3.08
Bartley		10730	
Beerline	2080	1970	0.95
Belmont	8912	34230	3.84
Birdwood	5351	5030	0.94
Blue Creek	2834	6800	2.40
Browns Creek	6126	13060	2.13
Cambridge		29930	
Castle Rock-Steamboat	6507	25060	3.85
Central	1984	6070	3.06
Champion		530	
Chimney Rock	5269	15410	2.92
Cody-Dillon	4173	4940	1.18
Court House Rock	1382	1380	1.00
Courtland for Nebr lands	1559	2290	1.47
Cozad	16582	28920	1.74
Culbertson		32650	
Dawson County	33073	55260	1.67
Earnest		710	
Empire	2191	5240	2.39
Enterprise	7631	29080	3.81
Farwell	50116	101270	2.02
Fort Laramie for Wyo lands	50210	198780	3.96
Fort Laramie for Nebr lands	54871	133440	2.43
Franklin		32450	
Franklin Pump		3840	
Gering	12270	50750	4.14
**Gothenburg	18266	48110	2.63
Graf	774	2200	2.84
Harris-Neece		1910	
Hooper	872	2650	3.04
Interstate for Wyo & Nebr lands	112450	513210	4.56

SUMMARY
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Calendar Year 1984		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
**Kearney	6555	11140	1.70
Keith-Lincoln County	5603	18150	3.24
Last Chance	404	470	1.16
Lichte		240	
Lisco	3868	15020	3.88
McGinley-Stover		0	
McLaughlin		520	
Meeker-Driftwood		31920	
Meredith-Ammer	336	580	1.73
/Middle Loup PPID No. 1	3813	6330	1.66
/Middle Loup PPID No. 2	6692	6290	0.94
/Middle Loup PPID No. 3	12171	14880	1.22
/Middle Loup PPID No. 4	11824	14770	1.25
Midland-Overland	2258	2140	0.95
Minatare	9212	18360	1.99
Mirage Flats		18360	
Mitchell	13600	28370	2.09
Moore-Kay		120	
Naponee		3730	
Nine Mile	6150	15320	2.49
/No. Loup PPID-Taylor-Ord	15435	28160	1.82
/No. Loup PPID-Burwell-Sumter	8901	15260	1.71
/No. Loup PPID-Ord North Loup	7231	12920	1.79
North Platte	14101	54610	3.87
Northport	16177	36970	2.29
Orchard-Alfalfa	5975	8350	1.40
Paisley	1086	2400	2.21
Paxton-Hershey	7323	17140	2.34
Pioneer		79	
Potmesil		930	
Ramshorn	1652	320	0.19
Red Willow		8650	
Sargent	14021	27900	1.99

SUMMARY
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Calendar Year 1984		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
Sheridan-Wilson	216	2030	9.40
Short Line	2752	6690	2.43
Six Mile	1288	2630	2.04
Suburban	5439	18070	3.32
Superior		16560	
Thirty Mile	22884	38420	1.68
**Tri-County	119489	247120	2.07
Tri-State	63016	218870	3.47
Union	1314	2220	1.69
Western	12443	45540	3.66
Winters Creek	5585	4970	0.89

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

COMPARISON OF STORAGE IN RESERVOIRS

1984 Calendar Year

Name of Reservoir	Capacity Top of Irrig. Pool Acre-feet	Maximum Storage 1984		Carryover Dec. 31, 1984	
		Acre-feet	%Average	Acre-feet	%Average
Pathfinder (ownership)	a 1,015,890	1,015,890	104%	900,430	147%
1 Glendo (ownership)	a 184,870	183,240	102%	128,520	97%
Lake C. W. McConaughy	a 1,948,000	1,807,800	104%	1,592,700	105%
Oliver	b 2,680	2,840	88%	2,730	106%
Whitney	a 1,000	10,070	98%	6,830	110%
Box Butte	a 31,060	21,400	118%	8,970	106%
2 Enders	a 44,480	35,520	99%	22,380	100%
2 Harry Strunk Lake	a 37,140	41,650	104%	28,190	102%
2 Swanson Lake	a 120,160	131,800	118%	82,490	119%
2 Harlan County	a 342,560	342,800	106%	242,800	98%
2 Hugh Butler Lake	a 37,780	37,470	103%	30,240	107%
Sherman	a 69,080	69,360	100%	53,210	107%
Merritt	a 74,490	74,780	99%	68,830	106%

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

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

1 1970-1984 record for average

b 1981-1984 record for average- water stored for recreation - no irrigation

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

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

<u>City</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
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	2,150,000	2,136,000
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

ANNUAL MAXIMUM WITHDRAWAL OF MUNICIPAL WELLS (GALLONS PER DAY)--Continued

<u>City</u>	<u>1984</u>
Alliance	7,800,000
Ashland	505,832
Beatrice	5,608,000
Bellevue	2,121,100
Columbus	10,210,000
Fairbury	2,720,000
Fremont	20,510,000
Gothenburg	3,696,100
Grand Island	29,341,000
Harvard	745,019
Hastings	15,219,910
Holdrege	5,397,800
Kearney	10,383,000
Kimball	1,838,773
Laurel	500,000
Leigh	447,000
Lincoln	77,620,000
Minden	2,155,000
Nebraska City	3,605,000
North Platte	15,700,995
Omaha (M.U.D.)	62,200,000
Papillion	4,677,000
Plattsmouth	2,002,000
Reynolds	56,600
Scottsbluff	10,054,100
Seward	2,147,000
Superior	1,493,000
Sutton	500,000
Syracuse	512,000
Wakefield	420,000

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