

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

STORAGE IN RESERVOIRS

DAILY DISCHARGE RECORDS OF MISCELLANEOUS
STREAMS AND CANAL DIVERSIONS

1982

Prepared Under the Direction of Michael Jess
Department of Water Resources

RECEIVED

SEP 25 1983

NEBRASKA NATURAL
RESOURCES COMMISSION

This page intentionally left blank

PREFACE

The following individuals were employed by the Department during the 15-month period, October 1, 1981 to December 31, 1982. Those persons that made measurements on streams, canals or pumps, listed in this report, are noted by an asterisk preceding their name. A special note is made of the patient work performed by Judith A. Huwaldt and Dorothy A. Brening in typing and compiling this report.

EXECUTIVES AND EMPLOYEES
OF THE
DEPARTMENT OF WATER RESOURCES

Jess, J. Michael, Director.	Lincoln
*Ault, Terrance J., Water Resources Specialist II.	North Platte
Bandars, Susan E., Staff Assistant I.	Lincoln
Bandiola, Deborah A., Accounting Clerk.	Lincoln
Becker, H. Lee, Engineer IV/State Hydrologist	Lincoln
*Birkel, William H., Engineer III.	Lincoln
Bishop, Robert F., Division Chief, Operations	Lincoln
*Boyd, David, Water Resources Specialist I	Lincoln
Brening, Dorothy A., Secretary II	Bridgeport
Christensen, Stanley M., Water Resources Specialist IV.	Bridgeport
France, Susan A., Administrative Assistant II	Lincoln
Guzman, Eustaquio, Business Manager II.	Lincoln
Hans, Carol A., Administrative Secretary.	Lincoln
*Hayden, Thomas L., Water Resources Specialist II.	Bridgeport
Hurst, Martha C., Staff Assistant I	Lincoln
Huwaldt, Judith A., Secretary I	Lincoln
*Jackson, Dudley D., Water Resources Specialist II	Cambridge
*Klanecky, Thomas L., Water Resources Specialist II.	Ord
Kubicek, Lumir C., Division Chief, Engineering.	Lincoln
*Lamberson, Thomas R., Assistant Director.	Lincoln
Lindeman, Guy H., Engineer III.	Lincoln
Malone, E. Jane, Staff Assistant I.	Lincoln
Marburger, James A., Water Resources Specialist II.	Lincoln
McDonald, Kathleen M., Word Processing Specialist I	Lincoln
*McKeone, Kert J., Water Resources Specialist II	North Platte
*Meikle, Kenneth M., Water Resources Specialist II	Norfolk
Miller, Sandra J., Secretary II	Lincoln
*Mitchell, Thomas A., Water Resources Specialist II.	Crawford
*Mortimore, Harvey M., Water Resources Specialist II	Bridgeport
*Neely, David J., Water Resources Specialist III	Bridgeport
*Nelson, Mark, Engineer III.	Lincoln
*Paulsen, Keith A., Water Resources Specialist III	Lincoln
*Powell, Lloyd E., Water Resources Specialist II	Bridgeport
*Retchless, James D., Water Resources Specialist II.	Bridgeport

Schuler, Rosa L., Water Resources Specialist I.	Bridgeport
*Sejkora, Robert, Water Resources Specialist II.	Lincoln
Stakens, Janis, Drafter III	Lincoln
*Studnicka, Danny L., Water Resources Specialist II.	Ord
*Turek, Harold, Water Resources Specialist II.	Ord
Vassos, James W., Water Resources Specialist III.	Bridgeport
*Wadas, Karl A., Water Resources Specialist III.	Ord
*Zabel, L. Fred, Water Resources Specialist III.	Cambridge

OTHERS EMPLOYED DURING WATER YEAR 1982

Brunt, Joan C., Gage Reader	Lewellen
Eichthaler, Susan, Typist II.	Bridgeport
*Ender, David B., Water Resources Specialist I	Ord

WATER COMMISSIONERS

Bentley, Dale	Bridgeport
*Feistner, John W.	Lincoln
Norris, Herschel A.	Brady
*Oaklund, Russell K.	Lincoln
Rodgers, Melvin J., Sr.	Bridgeport
Shepardson, Victor L.	Paxton
*Shepperd, L. Doug, Jr.	Mills
*Williams, Fred B.	Ord

TABLE OF CONTENTS

	<u>Page No.</u>
Introduction	1
Explanation of Data	3
Storage in Reservoirs and Daily Discharge of Rivers, Streams and Canals not Published by the U. S. Geological Survey, 1982	5
Listing of Certain Canals not Diverting in 1982	62
Miscellaneous Discharge Measurements of Rivers and Streams, 1982	63
Miscellaneous Discharge Measurements of Canal and Pump Diversions, 1982	131
Miscellaneous Data	151
Precipitation at Various Points	153
Monthly Evaporation	155
Contribution from Drains along the North Platte River	156
Summary of Diversions by Major Canals	157
Comparison of Storage in Reservoirs	159
Annual Maximum Withdrawal of Municipal Wells	159
Index	161

HYDROGRAPHIC REPORT 1982

INTRODUCTION

The Hydrographic Report provides a record of stream flow, diversions for irrigation, reservoir storage and related data pertaining to water use in Nebraska, which are not published by the United States Geological Survey. All measurement sites are referenced to the legal coordinates of the U.S. Bureau of Land Management. The records are listed in downstream order according to river basin and sub-basin.

The basic stream gaging program in Nebraska is carried out under a cooperative agreement between the Water Resources Division, U.S. Geological Survey, and the Nebraska Department of Water Resources. Additional stream flow records are collected in the state by the U.S. Geological Survey in cooperation with other state, local or federal agencies. Those cooperative discharge records are published annually by the U.S. Geological Survey in the report; Water Resources Data for Nebraska.

Copies of the Hydrographic Report may be obtained by addressing the Nebraska 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. Court House, Lincoln, Nebraska 68508, or the Nebraska Department of Water Resources.

This page intentionally left blank

EXPLANATION OF DATA

The hydrologic data presented in this report was obtained during the period October 1, 1981 through December 31, 1982. A 15-month period was covered in this report in order to accomplish a changeover from the water year (October 1, 1981 through September 30, 1982) to the calendar year. Future editions of the Hydrographic Report will be published for the calendar year.

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.02832 cubic meters	
1 acre foot	43,560 cubic feet...	325,851 gallons
1 cubic foot per second (cfs)	448.8 gallons per minute	
1 cfs for 24 hours.	1.983 acre-feet	
1,000 gallons per minute.	2.23 cfs	
1,000 gallons per minute.	4.42 acre-feet per day	

The data presented in the first section of the report includes mean daily discharges for streams and canals, and monthly reservoir storage totals. The mean daily discharge values were obtained from water stage recorders, or readings taken by an observer. Instantaneous peak discharges are published for streams having recording gages which operate year-round.

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

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

Many discharge measurements are made on streams, canals and pumps, in the course of administering water rights. In addition to measurements taken during times of water shortage, numerous sites on streams

and canals are measured several times per year on a regular basis. Those measurements are listed in the second and third sections of the report. The measurements define the quantity of flow at the time the reading was obtained. A number of the miscellaneous stream flow measurements were taken under base flow conditions. Base flow conditions occur when stream flow consists entirely of ground water seepage, no water is being withdrawn for irrigation, and vegetative growth is at a minimum.

Mark E. Nelson, P.E.
Hydrologic Engineer

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

1982

This page intentionally left blank

WHITE RIVER BASIN

WHITNEY RESERVOIR STORAGE IN ACRE-FEET

From White River--NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 34-33-51W. near Whitney.

October 1981 through December 1982

Period of Record:

June 1925-December 1929, October 1944-December 1982 and
April 1933-September 1942

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	1,750	-2,330
Feb. 2, 1982	6,108	+4,358
Feb. 23, 1982	7,070	+962
Mar. 23, 1982	8,405	+1,335
Apr. 19, 1982	9,530	+1,125
Apr. 21, 1982	9,530	0
June 7, 1982	10,250	+720
July 6, 1982	10,412	+162
Aug. 23, 1982	5,807	-4,605
Sept. 30, 1982	5,030	-777
Nov. 17, 1982	6,766	+1,736
Change in Storage September 30, 1981 through November 17, 1982		+5,016

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982

JOHNSON CANAL from Niobrara River--Measured through
Parshall flume--SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-31-57 W. near Harrison
Period of Record: May, 1956 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	2	0	0	0
3	0	3	0	0	0
4	0	3	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	5	0	0	0
10	0	5	0	0	0
11	0	5	0	0	0
12	0	5	0	0	0
13	0	5	0	0	0
14	0	5	0	0	0
15	0	5	0	0	0
16	0	5	0	0	0
17	0	5	0	0	0
18	0	5	0	0	0
19	0	5	0	0	0
20	0	5	0	0	0
21	0	4	0	0	0
22	0	4	0	0	0
23	0	4	0	0	0
24	0	4	0	0	0
25	0	4	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	104	0	0	0
Mean	0	3	0	0	0
Max.	0	5	0	0	0
Min.	0	0	0	0	0
A. F.	0	210	0	0	0
Water Diverted 1982 Water Year	210 A.F.				
Water Diverted 1982 Calendar Year	210 A.F.				

DAILY DIVERSIONS OF CANALS--1982

HOOVER PUMP from Niobrara River
Near Harrison--NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-31-57 W.
Period of Record: May, 1956 - September, 1956
May, 1970 - September, 1982

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	0.1
5	0	0	0	0	0
6	0	0	0	0	0.1
7	0	0	0	0	.1
8	0	0	0	0	.2
9	0.2	0	0	0	0
10	.3	0	0	0	0
11	.3	0	0	0	0
12	.3	0	0	0	0
13	0	0	0	0	0
14	0.1	0	0	0	0
15	0	0	0	0	0
16	0.1	0	0	0.1	0
17	0	0	0	.2	0
18	0	0	0	.2	0
19	0	0	0	.2	0
20	0	0	0	.2	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	0.1	0
29	0	0	0	.1	0
30	0	0	0	.1	0
31	0	--	0	0	--
S. F.	1.3	0	0	1.2	0.5
Mean	0	0	0	0	0
Max.	0.3	0	0	0.2	0.1
Min.	0	0	0	0	0
A. F.	3	0	0	2	1
Water diverted 1982 Water Year	6 A.F.				
Water diverted 1982 Calendar Year	6 A.F.				

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
LAKOTAH CANAL from Niobrara River--Measured through
2-foot Parshall flume--NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-30-57 W. near Harrison
Period of Record: April, 1956 - September, 1982

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

Water Diverted 1982 Water Year 100 A.F.
Water Diverted 1982 Calendar Year 100 A.F.

DAILY DIVERSIONS OF CANALS--1982
EARNEST CANAL (Combined flow-North & South) from
Niobrara River--Measured through rating flumes
SW $\frac{1}{4}$ SE $\frac{1}{4}$ & NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-29-56 W. near Harrison
Period of Record: May, 1956 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	2
2	0	0	0	0	2
3	0	4	0	0	2
4	0	4	0	0	2
5	0	4	0	0	2
6	0	4	0	0	2
7	0	5	0	0	2
8	0	5	0	0	2
9	0	5	0	1	2
10	0	5	0	2	2
11	0	5	0	2	2
12	0	5	0	2	2
13	0	5	0	1	2
14	0	4	0	2	2
15	0	4	0	1	2
16	0	4	0	1	3
17	0	4	0	1	2
18	0	4	0	1	0
19	0	4	0	1	0
20	0	4	0	1	0
21	0	3	0	1	0
22	0	3	0	2	0
23	0	3	0	2	0
24	0	3	0	2	0
25	0	3	0	3	0
26	0	3	0	2	0
27	0	2	0	2	0
28	0	2	0	2	0
29	0	1	0	2	0
30	0	1	0	2	0
31	0	--	0	2	--
S.F.	0	103	0	37	35
Mean	0	3	0	1	1
Max.	0	5	0	3	3
Min.	0	0	0	0	0
A.F.	0	200	0	70	70

Water Diverted 1982 Water Year 340 A.F.
Water Diverted 1982 Calendar Year 340 A.F.

DAILY DIVERSIONS OF CANALS--1982
COOK CANAL NO. 2 PUMP from Niobrara River
SE $\frac{1}{4}$ NW $\frac{1}{4}$ & NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-28-56 W. near Agate
Period of Record: May, 1981 - September, 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0.7	0	0	0	0
2	0	.7	0	0	0	0
3	0	.7	0	0	0	0
4	0	.7	0	0	0	0
5	0	.7	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0.7	0	0
11	0	0.7	0	.7	0	0
12	0	.7	0	.7	0	0
13	0	.7	0	.7	0	0
14	0	.7	0	.7	0	0
15	0	.7	0	.7	0	0
16	0	0	0	.7	0.8	0
17	0	0	0	.7	.8	0
18	0	0	0	.7	.8	0
19	0	0	0	.7	.8	0
20	0	0	0	.7	.8	0
21	0.7	0	0	.7	.8	0
22	.7	0	0	.7	.8	0
23	.7	0	0	0	.8	0
24	.7	0	0	0	0	0
25	.7	0	0	0	0	0
26	.7	0	0	0	0	0
27	.7	0	0	0	0.8	0
28	.7	0	0	0	.8	0
29	.7	0	0	0	.8	0
30	0	0	0	0	.8	0
31	--	0	--	0	.8	--
S.F.	6.3	7.0	0	9.1	10.4	0
Mean	.2	.2	0	.3	.3	0
Max.	.7	.7	0	.7	.8	0
Min.	0	0	0	0	0	0
A.F.	10	10	0	20	20	0

Water pumped 1982 Water Year 60 A.F.
Water pumped 1982 Calendar Year 60 A.F.

DAILY DIVERSIONS OF CANALS--1982
HARRIS-NEECE CANAL from Niobrara River--Measured
through rating flume--SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-28-55 W. near Agate
Period of Record: October, 1956 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	8	0	10	9
2	0	8	0	11	9
3	0	0	0	11	9
4	0	0	0	11	9
5	0	0	0	11	9
6	0	0	0	12	9
7	0	0	0	13	9
8	0	0	0	11	9
9	0	0	2	4	2
10	0	0	4	4	0
11	0	0	4	4	0
12	0	0	4	4	0
13	0	0	4	4	0
14	0	5	6	4	0
15	0	8	11	4	0
16	0	8	11	4	0
17	0	6	11	4	0
18	4	0	11	4	0
19	9	0	11	4	0
20	10	0	10	9	0
21	9	0	10	9	0
22	9	0	10	9	0
23	8	0	10	10	0
24	8	0	10	10	0
25	8	0	10	9	0
26	8	0	10	10	0
27	8	0	10	10	0
28	8	0	10	10	0
29	8	0	10	10	0
30	8	0	10	10	0
31	8	--	10	10	--
S.F.	113	43	199	250	74
Mean	4	1	6	8	2
Max.	10	8	11	13	9
Min.	0	0	0	4	0
A.F.	220	90	390	500	150

Water Diverted 1982 Water Year 1350 A.F.
Water Diverted 1982 Calendar Year 1350 A.F.

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 DAVISON PUMP from Niobrara River
 NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 12-28-54 W. near Marsland
 Period of Record: May, 1956 - September, 1956
 May, 1970 - September, 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0.2	0	0	0	0
2	0	.2	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0.2	0	0.2	0	0.2	0
30	.2	0	.2	0	.2	0
31	--	0	---	0	.2	0
S.F.	0.4	0.4	0.4	0	0.6	0
Mean	0	0	0	0	0	0
Max.	.2	.2	.2	0	.2	0
Min.	0	0	0	0	0	0
A.F.	1	1	1	0	1	0

Water pumped 1982 Water Year 4 A.F.
 Water pumped 1982 Calendar Year 4 A.F.

DAILY DIVERSIONS OF CANALS--1982
 METTLEN CANAL from Niobrara River--Measured through
 rating flume--NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 4-28-54 W. near Agate
 Period of Record: May, 1956 - September, 1982

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	3
10	0	0	0	0	3
11	0	0	0	0	4
12	0	0	0	0	5
13	0	0	0	0	5
14	0	0	0	0	5
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	0	0	25
Mean	0	0	0	0	1
Max.	0	0	0	0	5
Min.	0	0	0	0	0
A.F.	0	0	0	0	50

Water Diverted 1982 Water Year 50 A.F.
 Water Diverted 1982 Calendar Year 50 A.F.

DAILY DIVERSIONS OF CANALS--1982
 BENNETT-KAY CANAL from Niobrara River--Measured through
 rating flume--SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 1-28-54 W. near Agate
 Period of Record: May, 1958 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	4	0	0	0
2	0	3	0	0	0
3	0	2	0	0	0
4	0	4	0	0	0
5	0	1	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	2	0	0	0	0
19	4	0	0	0	0
20	4	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	1	0	0	0	0
24	7	0	0	0	0
25	7	0	0	0	0
26	7	0	0	0	0
27	6	0	0	0	0
28	5	0	0	0	0
29	4	0	0	0	0
30	4	0	0	0	0
31	4	--	0	0	--
S.F.	55	14	0	0	0
Mean	2	0	0	0	0
Max.	7	4	0	0	0
Min.	0	0	0	0	0
A.F.	110	30	0	0	0

Water Diverted 1982 Water Year 140 A.F.
 Water Diverted 1982 Calendar Year 140 A.F.

DAILY DIVERSIONS OF CANALS--1982
 ARMSTRONG PUMP from Niobrara River (Flood Irrigation)
 SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 9-28-53 W. near Marsland
 Period of Record: May, 1970 - September, 1982

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0.4	0	0	0	0	0
5	.4	0	0	0	0	0
6	.4	0	0	0	0	0
7	.4	1	0	0	0	0
8	0	1	0	0	0	0
9	0	1	0	0	0	0
10	0	1	1	0	0	0
11	0	1	1	0	0	0
12	0	1	1	0	0	0
13	0	1	1	0	0	0
14	0	0	1	0	0	0
15	0	0	1	0	0	0
16	0	0	1	0	0	0
17	0	1	1	0	0	0
18	0	1	1	0	0	0
19	0	1	1	0	0	0
20	0	1	1	0	0	0
21	0	1	1	0	0	0
22	0	1	1	0	0	0
23	0	1	1	0	0	0
24	0	1	1	0	0	0
25	0	1	1	0	0	0
26	0	1	1	0	0	0
27	0	1	1	0	0	0
28	0	1	1	0	0	0
29	0	1	1	0	0	0
30	0	0	0	0	0	0
31	0	0	--	0	0	--
S.F.	1.6	20	21	0	0	0
Mean	.1	1	1	0	0	0
Max.	.4	1	1	0	0	0
Min.	0	0	0	0	0	0
A.F.	3	40	40	40	0	0

Water diverted 1982 Water Year 83 A.F.
 Water diverted 1982 Calendar Year 80 A.F.

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 HITSHEW PUMP NO. 2 from Niobrara River (Flood Irrigation)
 SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 6-28-52 W. near Marsland
 Period of Record: May, 1956 - September, 1956
 May, 1970 - September, 1982

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	1	0	0	0	0
16	1	0	0	0	0
17	1	0	0	0	0
18	1	0	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	1	0	0	0	0
25	1	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.	11	0	0	0	0
Mean	0	0	0	0	0
Max.	1	0	0	0	0
Min.	0	0	0	0	0
A.F.	20	0	0	0	0
Water Diverted 1982 Water Year 20 A.F.					
Water Diverted 1982 Calendar Year 20 A.F.					

DAILY DIVERSIONS OF CANALS--1982
 McLAUGHLIN CANAL from Niobrara River--Measured through
 rating flume--SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-28-52 W. near Marsland
 Period of Record: April, 1956 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	1	2	0	0
2	0	3	1	0	0
3	0	3	1	0	0
4	0	3	1	0	0
5	0	3	1	0	0
6	0	3	1	0	0
7	0	2	1	0	0
8	0	2	1	0	0
9	0	2	1	0	0
10	0	2	1	0	0
11	0	2	1	0	0
12	0	2	1	0	0
13	0	2	1	0	0
14	0	2	1	0	0
15	0	3	1	0	0
16	0	3	1	0	0
17	0	2	1	0	0
18	0	2	1	0	0
19	0	2	1	0	0
20	0	1	0	0	0
21	0	1	0	0	0
22	0	1	0	0	0
23	0	1	0	0	0
24	0	1	0	0	0
25	0	1	0	0	0
26	0	2	0	0	0
27	0	2	0	0	0
28	0	2	0	0	0
29	0	2	0	0	0
30	0	2	0	0	0
31	0	--	0	0	--
S.F.	0	60	20	0	0
Mean	0	2	1	0	0
Max.	0	3	2	0	0
Min.	0	1	0	0	0
A.F.	0	120	40	0	0
Water Diverted 1982 Water Year 160 A.F.					
Water Diverted 1982 Calendar Year 160 A.F.					

DAILY DIVERSIONS OF CANALS--1982
 EXCELSIOR CANAL from Niobrara River--Measured through
 rating flume--NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-28-52 W. near Marsland
 Period of Record: May, 1956 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	3	0
2	0	0	0	3	0
3	0	0	0	1	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	1	0	0
25	0	0	3	0	0
26	0	0	4	0	0
27	0	0	4	0	0
28	0	0	4	0	0
29	0	0	4	0	0
30	0	0	4	0	0
31	0	--	4	0	--
S.F.	0	0	28	7	0
Mean	0	0	1	0	0
Max.	0	0	4	3	0
Min.	0	0	0	0	0
A.F.	0	0	60	10	0
Water diverted 1982 Water Year 70 A.F.					
Water diverted 1982 Calendar Year 70 A.F.					

DAILY DIVERSIONS OF CANALS--1982
 HUGHES CANAL from Niobrara River--Measured through
 rating flume--SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-28-52 W. near Marsland
 Period of Record: May, 1956 - September, 1982

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	1	0	0
9	0	0	4	0	0
10	0	0	4	0	0
11	0	0	3	0	0
12	0	0	3	0	0
13	0	0	4	0	0
14	0	0	4	0	0
15	0	0	4	0	0
16	0	0	3	0	0
17	0	0	3	0	0
18	0	0	2	0	0
19	0	0	1	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	36	0	0
Mean	0	0	1	0	0
Max.	0	0	4	0	0
Min.	0	0	0	0	0
A.F.	0	0	70	0	0
Water Diverted 1982 Water Year 70 A.F.					
Water Diverted 1982 Calendar Year 70 A.F.					

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 CIRCLE PUMP from Niobrara River (Sprinkler
 Irrigation)--NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-28-51 W. near Marsland
 Period of Record: May, 1970 - September, 1982

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	1	0	0	0
9	0	1	0	0	0
10	0	0	0	0	0
11	0	1	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	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	4	0	0	0
Mean	0	0	0	0	0
Max.	0	1	0	0	0
Min.	0	0	0	0	0
A.F.	0	10	0	0	0

Water Diverted 1982 Water Year 10 A.F.
 Water Diverted 1982 Calendar Year 10 A.F.

DAILY DIVERSIONS OF CANALS--1982
 PIONEER PUMP from Niobrara River (Sprinkler Irrigation)
 SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-29-50 W. near Marsland
 Period of Record: May, 1981 - September, 1982

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

Water diverted 1982 Water Year 60 A.F.
 Water diverted 1982 Calendar Year 60 A.F.

DAILY DIVERSIONS OF CANALS--1982
 ENTERPRISE CANAL PUMP from Niobrara River (Sprinkler
 Irrigation) NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-29-50 W. near Marsland
 Period of Record: May, 1977 - September, 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	1.4	0	1.4
2	0	0	0	1.4	0	1.4
3	0	0	0	1.4	0	1.4
4	0	0	0	1.4	0	1.4
5	0	0	0	1.4	0	0
6	0	0	0	1.4	0	0
7	0	0	0	1.0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	1.4	0
20	0	0	0	0	1.4	0
21	0	0	0	0	1.4	0
22	0	0	0	0	1.4	0
23	0	0	0	0	1.4	0
24	0	0	0	0	1.4	0
25	1.4	0	0	0	1.4	0
26	1.4	0	0	0	1.4	0
27	1.4	0	0	0	1.4	0
28	1.4	0	0	0	1.4	0
29	0	0	0	0	1.4	0
30	1.4	0	1.4	0	1.4	0
31	--	0	--	0	1.4	--
S.F.	7.0	0	1.4	9.4	18.2	5.6
Mean	.2	0	0	.3	.6	.2
Max.	1.4	0	1.4	1.4	1.4	1.4
Min.	0	0	0	0	0	0
A.F.	10	0	3	20	40	10

Water diverted 1982 Water Year 83 A.F.
 Water diverted 1982 Calendar Year 83 A.F.

DAILY DIVERSIONS OF CANALS--1982
 MONTAGUE CANAL from Niobrara River--Measured through
 rating Flume--SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 27-29-48 W. near Dunlap
 Period of Record: May, 1956 - September, 1957
 May, 1959 - September, 1982

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

Water Diverted 1982 Water Year 80 A.F.
 Water Diverted 1982 Calendar Year 80 A.F.

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
MONTAGUE PUMP from Niobrara River (Sprinkler
Irrigation) SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-29-48 W. near Dunlap
Period of Record: May, 1956 - September, 1956
May, 1970 - September, 1982

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	1	0
9	0	0	0	1	0
10	0	0	0	1	0
11	0	1	1	1	0
12	0	1	1	1	0
13	0	1	1	1	0
14	0	1	1	1	0
15	0	1	1	1	0
16	0	1	1	1	0
17	0	1	1	0	0
18	0	1	1	0	0
19	0	1	1	0	0
20	0	1	1	0	0
21	0	1	1	0	0
22	0	1	1	0	0
23	0	1	1	0	0
24	0	1	1	0	0
25	0	1	1	0	0
26	0	1	1	0	0
27	0	1	0	0	0
28	0	0	0	0	0
29	0	0	1	0	0
30	0	0	1	0	0
31	0	--	0	0	--
S.F.	0	17	18	9	0
Mean	0	1	1	0	0
Max.	0	1	1	1	0
Min.	0	0	0	0	0
A.F.	0	30	40	20	0
Water diverted 1982 Water Year 90 A.F.					
Water diverted 1982 Calendar Year 90 A.F.					

DAILY DIVERSIONS OF CANALS--1982
LICHTE CANAL from Niobrara River--Measured through
Parshall flume--SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-29-48 W. near Dunlap
Period of Record: April, 1956 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	2	0	0	0
2	0	2	0	0	0
3	0	0	0	0	0
4	0	0	0	0	2
5	0	2	0	0	3
6	0	0	0	0	0
7	0	2	0	0	3
8	0	3	0	0	2
9	0	2	0	0	2
10	0	1	0	0	2
11	0	0	0	0	1
12	0	1	1	0	1
13	0	2	1	0	1
14	0	1	2	0	0
15	0	1	2	0	0
16	0	1	2	0	0
17	0	2	3	0	0
18	0	2	3	0	0
19	0	1	3	0	0
20	0	1	3	0	0
21	0	0	3	0	0
22	0	0	2	0	0
23	0	0	2	0	0
24	0	0	1	0	0
25	0	0	2	0	0
26	0	0	2	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	--
S.F.	0	26	39	0	17
Mean	0	1	1	0	1
Max.	0	3	3	0	3
Min.	0	0	0	0	0
A.F.	0	50	80	0	30
Water Diverted 1982 Water Year 160 A.F.					
Water Diverted 1982 Calendar Year 160 A.F.					

DAILY DIVERSIONS OF CANALS--1982
MIRAGE FLATS CANAL from Niobrara River--Measured through
10-foot Parshall flume--SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-29-48 W. near Dunlap
Period of Record: May, 1948 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	127	0
2	0	0	0	140	0
3	0	0	0	146	0
4	0	0	0	162	0
5	0	0	0	160	22
6	0	0	0	153	65
7	0	0	0	144	76
8	0	0	0	143	84
9	0	0	0	149	91
10	0	0	31	142	75
11	0	0	59	126	70
12	0	0	90	114	63
13	0	0	132	95	60
14	0	0	131	89	24
15	0	0	141	92	0
16	0	0	142	101	0
17	0	0	164	122	0
18	0	0	165	119	0
19	0	0	183	124	0
20	0	0	185	93	0
21	0	0	193	60	0
22	0	0	174	61	0
23	0	0	180	53	0
24	0	0	172	0	0
25	0	0	169	0	0
26	0	0	169	0	0
27	0	0	151	0	0
28	0	0	151	0	0
29	0	0	142	0	0
30	0	0	126	0	0
31	0	--	126	0	--
S.F.	0	0	3176	2715	630
Mean	0	0	102	88	21
Max.	0	0	193	162	91
Min.	0	0	0	0	0
A.F.	0	0	6300	5390	1250
Water Diverted 1982 Water Year 12940 A.F.					
Water Diverted 1982 Calendar Year 12940 A.F.					

DAILY DIVERSIONS OF CANALS--1982
POTMESIL CANAL from Niobrara River--Measured through
Parshall flume--SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-29-48 W. near Dunlap
Period of Record: May, 1956 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	7	8	7
2	0	0	9	9	7
3	0	0	9	9	7
4	0	0	9	9	4
5	0	0	9	9	0
6	0	0	9	9	0
7	0	0	3	8	0
8	0	0	0	8	0
9	0	0	0	8	4
10	0	0	0	0	5
11	0	0	3	0	5
12	0	0	8	0	5
13	0	0	8	5	5
14	0	0	8	8	0
15	0	0	8	8	0
16	0	0	8	9	0
17	0	0	8	10	0
18	0	0	8	9	0
19	0	0	8	9	0
20	0	0	4	8	0
21	0	0	9	8	0
22	0	0	9	10	0
23	0	4	9	6	0
24	0	9	10	0	0
25	0	8	9	0	0
26	0	8	9	0	0
27	0	8	9	0	0
28	0	8	9	0	0
29	0	6	9	0	0
30	0	7	8	4	0
31	0	--	8	7	--
S.F.	0	58	224	178	49
Mean	0	2	7	6	2
Max.	0	9	10	10	7
Min.	0	0	0	0	0
A.F.	0	120	440	350	100
Water Diverted 1982 Water Year 1010 A.F.					
Water Diverted 1982 Calendar Year 1010 A.F.					

NIOBRARA RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 AINSWORTH CANAL from Snake River and Merritt
 Reservoir--Measured through 15-foot Parshall flume
 NW¼NE¼ Sec. 29-31-30 W. near Ainsworth
 Period of Record: May, 1965 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	60	112	578	411
2	0	39	112	580	404
3	8	30	112	601	362
4	61	30	142	601	332
5	61	30	214	603	332
6	28	30	230	580	334
7	0	30	173	552	355
8	0	30	206	552	342
9	0	35	264	541	310
10	0	45	322	465	280
11	0	45	335	468	235
12	0	45	398	486	192
13	0	45	486	483	60
14	0	45	541	477	56
15	0	45	543	483	50
16	0	45	443	506	47
17	0	43	454	516	40
18	0	41	463	523	40
19	0	41	532	525	40
20	0	41	582	527	40
21	0	44	585	500	28
22	0	56	596	461	0
23	0	62	587	280	0
24	0	75	516	217	0
25	0	75	523	154	0
26	0	76	562	154	0
27	0	76	564	164	0
28	0	82	587	173	0
29	0	98	585	188	0
30	0	110	578	246	0
31	45	---	578	334	--
S.F.	203	1549	12925	13518	4290
Mean	7	52	417	436	143
Max.	61	110	596	603	411
Min.	0	30	112	154	0
A.F.	400	3070	25640	26810	8510

Water diverted 1982 Water Year 64430 A.F.
 Water diverted 1982 Calendar Year 64430 A.F.
 Acreage reported A-5218-35196; A-10620-Suppl;
 A-13853-168; A-15122-146; A-15557-200;
 A-15730-177; Total-35887

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

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

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

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	969	-23
Oct. 31, 1981	928	-41
Nov. 30, 1981	929	+1
Dec. 31, 1981	902	-27
Jan. 31, 1982	881	-21
Feb. 28, 1982	1,118	+237
Mar. 31, 1982	1,228	+110
Apr. 30, 1982	1,179	-49
May 31, 1982	1,565	+386
June 30, 1982	1,501	-64
July 31, 1982	1,449	-52
Aug. 31, 1982	1,421	-28
Sept. 30, 1982	1,405	-16
Oct. 31, 1982	1,362	-43
Nov. 30, 1982	1,334	-28
Dec. 31, 1982	1,326	-8
Change in Storage September 30, 1981 through December 31, 1982		+357

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

On Knight Creek Tributary to Papillion Creek--Sec. 22-16-12E. Papillion Creek project near Omaha.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	3,898	-176
Oct. 31, 1981	3,906	+8
Nov. 30, 1981	3,902	-4
Dec. 31, 1981	3,910	+8
Jan. 31, 1982	3,934	+24
Feb. 28, 1982	4,418	+484
Mar. 31, 1982	4,111	-307
Apr. 30, 1982	4,002	-68
May 31, 1982	4,396	+394
June 30, 1982	4,102	-294
July 31, 1982	3,970	-132
Aug. 31, 1982	3,938	-32
Sept. 30, 1982	3,994	+56
Oct. 31, 1982	3,974	-20
Nov. 30, 1982	3,978	+4
Dec. 31, 1982	4,014	+36
Change in Storage September 30, 1981 through December 31, 1982		+116

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 FORT LARAMIE CANAL from North Platte River
 Measured through Parshall flume
 SW¼NW¼ Sec. 10-26-65 W.
 Period of Record: April, 1918 - October, 1928
 October, 1933 - September, 1982

Date	May	June	July	Aug.	Sept.
1	600	0	709	1508	1376
2	636	0	749	1502	1376
3	761	0	747	1511	1376
4	826	0	759	1499	1388
5	879	0	841	1499	1403
6	974	0	848	1508	1400
7	1087	0	910	1514	1358
8	1179	0	1012	1511	1322
9	1284	0	1104	1508	1325
10	1376	0	1165	1508	1398
11	1379	0	1255	1511	1266
12	1346	0	1349	1517	1220
13	1157	0	1440	1514	1149
14	990	0	1480	1502	1048
15	944	0	1502	1508	987
16	941	0	1499	1514	920
17	941	0	1505	1514	894
18	947	0	1514	1514	858
19	944	0	1514	1486	858
20	735	0	1514	1461	853
21	481	0	1517	1511	761
22	49	0	1517	1514	730
23	0	0	1514	1446	728
24	0	0	1517	1394	725
25	0	0	1524	1394	527
26	0	0	1530	1385	112
27	0	559	1530	1328	0
28	0	552	1520	1325	0
29	0	611	1499	1337	0
30	0	711	1502	1346	0
31	0	---	1502	1367	---
S.F.	20456	2433	40088	45456	27358
Mean	660	81	1293	1466	912
Max.	1379	711	1530	1517	1403
Min.	0	0	709	1325	0
A.F.	40570	4830	79510	90160	54260

Water diverted 1982 Water Year 269330 A.F.
 Water diverted 1982 Calendar Year 269330 A.F.
 Acreage reported A-768(Nebr)-54846; A-768
 (Wyo)-50210; Total-105056

DAILY DIVERSIONS OF CANALS--1982
 FORT LARAMIE CANAL from North Platte River--At Mile
 Post 85.3 for Nebraska lands--Measured through
 Parshall flume--NW¼NE¼ Sec. 9-21-58 W.
 Period of Record: May, 1981 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	236	618	594
2	0	0	273	627	596
3	0	0	271	625	594
4	152	0	281	625	594
5	215	0	300	630	587
6	222	0	305	620	596
7	247	0	321	630	594
8	303	0	339	630	587
9	348	0	387	627	583
10	408	0	414	616	563
11	495	0	421	616	556
12	518	0	463	620	554
13	550	0	529	614	559
14	544	0	570	620	521
15	491	0	578	620	502
16	418	0	607	620	463
17	416	0	581	618	445
18	408	0	594	625	437
19	414	0	596	625	404
20	412	0	589	620	395
21	391	0	578	618	395
22	290	0	576	641	385
23	0	0	576	641	374
24	0	0	583	625	355
25	0	0	587	611	333
26	0	0	596	618	317
27	0	0	598	616	0
28	0	0	614	609	0
29	0	0	630	609	0
30	0	144	618	598	0
31	0	---	616	600	---
S.F.	7242	144	15227	19232	12883
Mean	234	5	491	620	429
Max.	550	144	630	641	596
Min.	0	0	236	598	0
A.F.	14360	290	30200	38150	25550

Water diverted 1982 Water Year 108550 A.F.
 Water diverted 1982 Calendar Year 108550 A.F.
 Acreage reported A-768(Nebr)-54846

DAILY DIVERSIONS OF CANALS--1982
 INTERSTATE CANAL from North Platte River--Measured
 through rating flume--NE¼NW¼ Sec. 11-26-65 W., Wyo.
 Period of Record: October, 1915 - October, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	891	0	911	0	873	1928	1853	552
2	885	0	911	0	842	1742	1853	140
3	894	0	914	0	1010	1797	1849	0
4	879	0	920	0	1236	1948	1857	0
5	891	0	960	0	1322	1941	1857	0
6	832	0	1091	0	1494	1933	1853	0
7	583	0	1207	0	1528	1948	1857	0
8	126	0	1306	0	1644	1948	1853	0
9	0	0	1399	0	1759	1944	1811	0
10	0	0	1396	0	1776	1910	1811	0
11	0	0	1386	0	1773	1899	1811	0
12	0	0	1380	0	1823	1891	1756	0
13	0	0	1310	0	1891	1891	1664	0
14	0	0	957	0	1895	1849	1470	0
15	0	102	943	0	1925	1846	1322	0
16	0	532	1126	0	1967	1842	1322	0
17	0	847	1128	0	1971	1842	1310	0
18	0	963	1140	0	1982	1838	1303	0
19	0	954	1140	0	1986	1838	1310	0
20	0	952	882	0	1990	1834	1303	0
21	0	949	583	0	1986	1834	1310	0
22	0	954	77	0	1982	1834	1316	0
23	0	954	0	0	1979	1842	1316	0
24	0	960	0	330	1971	1842	1319	0
25	0	954	0	688	1960	1842	1319	0
26	0	963	0	754	1948	1838	1310	0
27	0	966	0	751	1975	1838	1313	0
28	0	960	0	759	1952	1842	1111	0
29	0	954	0	832	1880	1853	914	0
30	0	914	0	952	1849	1849	829	0
31	0	---	0	---	1903	1849	---	0
S.F.	5981	13878	23067	5066	54072	57873	45082	692
Mean	193	463	744	169	1744	1867	1503	22
Max.	894	966	1399	952	1990	1948	1857	552
Min.	0	0	0	0	842	1742	829	0
A.F.	11860	27530	45750	10050	107250	114790	89420	1370

Water diverted 1982 Water Year 406650 A.F.
 Water diverted 1982 Calendar Year 396160 A.F.
 Acreage reported A-768(Nebr)-100949; A-768(Wyo)-11500;
 Total-112449

ALICE RESERVOIR STORAGE IN ACRE-FEET

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

October 1981 through December 1982
 Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	1,966	-3,919
Oct. 31, 1981	0	-1,966
Nov. 30, 1981	0	0
Dec. 31, 1981	0	0
Jan. 31, 1982	0	0
Feb. 28, 1982	0	0
Mar. 31, 1982	0	0
Apr. 30, 1982	4,377	+4,377
May 31, 1982	7,450	+3,073
June 30, 1982	8,067	+617
July 31, 1982	6,072	-1,995
Aug. 31, 1982	5,760	-312
Sept. 30, 1982	414	-5,346
Oct. 31, 1982	1,781	+1,367
Nov. 30, 1982	1,517	-264
Dec. 31, 1982	1,110	-407

Change in Storage September 30, 1981 through
 December 31, 1982 -856

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.

October 1981 through December 1982
 Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	24,454	+6,815
Oct. 31, 1981	37,075	+12,621
Nov. 30, 1981	36,384	-691
Dec. 31, 1981	35,520	-864
Jan. 31, 1982	35,351	-169
Feb. 28, 1982	34,844	-507
Mar. 31, 1982	34,337	-507
Apr. 30, 1982	41,378	+7,041
May 31, 1982	50,791	+9,413
June 30, 1982	50,389	-402
July 31, 1982	38,662	-11,727
Aug. 31, 1982	20,831	-17,831
Sept. 30, 1982	32,177	+11,346
Oct. 31, 1982	37,955	+5,778
Nov. 30, 1982	37,425	-530
Dec. 31, 1982	37,248	-177
Change in Storage September 30, 1981 through December 31, 1982		+12,794

DAILY DIVERSIONS OF CANALS--1982
 MITCHELL CANAL from North Platte River--Measured through
 rating Flume--SW&NE Sec. 10-23-60 W., Wyo. near Henry
 Period of Record: April, 1916 - September, 1919
 May, 1921 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	105	123	0	71	125	84	18
2	70	184	0	82	120	78	0
3	71	116	0	0	125	76	0
4	72	50	0	0	130	78	0
5	73	73	0	0	131	77	0
6	56	83	0	0	131	80	0
7	0	79	0	0	133	82	0
8	0	87	0	31	132	61	0
9	0	89	0	35	124	61	0
10	0	88	0	19	130	69	0
11	0	85	0	19	117	63	0
12	0	89	0	45	125	56	0
13	0	65	0	75	86	29	0
14	0	66	0	83	92	19	0
15	0	47	0	128	120	13	0
16	0	51	30	135	104	12	0
17	0	65	18	135	90	0	0
18	0	58	0	139	98	7	0
19	0	2	3	135	102	14	0
20	0	0	2	147	83	13	0
21	0	0	3	150	108	16	0
22	0	9	0	146	81	21	0
23	0	22	0	152	85	19	0
24	0	22	0	158	112	26	0
25	0	0	0	137	102	23	0
26	0	0	0	141	94	26	0
27	0	0	0	141	79	25	0
28	0	0	0	113	84	26	0
29	0	0	0	116	81	35	0
30	0	0	0	125	83	2	0
31	0	0	--	125	94	--	0
S.F.	447	1553	56	2783	3301	1191	18
Mean	14	50	2	90	106	40	1
Max.	105	184	30	158	133	84	18
Min.	0	0	0	0	79	0	0
A.F.	890	3080	110	5520	6550	2360	40
Water Diverted 1982 Water Year	18510 A.F.						
Water Diverted 1982 Calendar Year	17660 A.F.						
Acreeage reported D-1052-13568							

DAILY DIVERSIONS OF CANALS--1982
 TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT AND
 PREFERRED RIGHTS from North Platte River--Measured through
 section of canal--NE&NE Sec. 10-23-58 W. near Henry
 Period of record: May, 1916 - September, 1916
 May, 1919 - September, 1920
 May, 1921 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	289	504	962	695
2	0	366	463	985	713
3	150	298	500	949	739
4	252	212	477	978	691
5	323	190	545	998	674
6	373	144	820	1005	690
7	429	148	930	1017	634
8	438	131	938	1002	651
9	462	107	937	993	625
10	534	103	991	963	614
11	505	103	1014	967	640
12	571	92	1010	943	651
13	715	102	1011	955	573
14	619	140	1038	961	507
15	512	159	1002	928	489
16	468	138	983	923	492
17	399	46	980	890	489
18	387	78	986	881	462
19	408	88	986	893	462
20	436	89	1068	900	465
21	415	120	1099	866	465
22	341	172	1098	861	462
23	328	193	1070	855	462
24	387	189	1074	810	462
25	395	156	1102	791	465
26	348	133	1090	814	451
27	326	154	1075	849	391
28	297	219	1067	816	112
29	287	326	1071	778	0
30	311	428	1022	775	0
31	263	---	971	738	---
S.F.	11679	5113	28922	28046	15226
Mean	377	170	933	905	508
Max.	715	428	1102	1017	739
Min.	0	46	463	738	0
A.F.	23160	10140	57370	55630	30200
Water Diverted 1982 Water Year	176500 A.F.				
Water Diverted 1982 Calendar Year	176500 A.F.				
Acreeage reported D-918-60103; A-660-2913; O.D.'s-341; Total-63357					

DAILY DIVERSIONS OF CANALS--1982

TRI-STATE CANAL
 FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS
 Summary in Acre-feet--1982

	May	June	July	Aug.	Sept.	Totals
Diverted from:						
North Platte River.....	23160	10140	57370	55630	30200	176500
*Optional Diversions.....	50	0	470	980	520	2020
**Drains.....	1120	0	0	0	1480	2600
Totals.....	24330	10140	57840	56610	32200	181120
Water diverted	181120 A.F.					
Acreeage reported D-918-60103; A-660-2913; O.D.'s-341; Total-63357						

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

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER PASSING
 TRI-STATE DAM--NW¼ NE¼ Sec. 10-23-58 W. near Henry
 Period of Record: April, 1947 - September, 1964
 October, 1967 - September, 1982

Date	May	June	July	Aug.	Sept.
1	40	9	10	300	46
2	117	10	33	352	20
3	27	10	33	309	20
4	15	10	20	279	20
5	15	10	20	209	48
6	15	10	20	177	55
7	15	10	20	242	96
8	15	10	20	289	98
9	15	10	20	272	125
10	11	10	20	228	81
11	10	10	46	180	104
12	10	10	90	115	171
13	10	10	63	89	285
14	89	8	52	122	443
15	82	9	65	85	321
16	10	8	105	95	234
17	10	8	100	111	193
18	10	8	130	164	175
19	10	8	169	210	126
20	10	8	147	475	103
21	10	8	93	290	95
22	10	6	125	289	85
23	10	6	162	572	57
24	10	6	157	329	43
25	10	6	175	224	32
26	10	6	230	152	37
27	10	6	251	108	132
28	10	9	354	82	467
29	10	9	414	91	585
30	10	9	336	70	590
31	10	-	320	63	---
S. F.	646	255	3800	6573	4887
Mean	21	8	123	212	163
Max.	117	10	414	572	590
Min.	10	6	10	63	20
A. F.	1280	510	7540	13040	9690
Total	5 month	32060	A. F.		

DISCHARGE IN SECOND-FEET OF AKERS DRAW NEAR MORRILL
 NW¼SW¼ Sec. 12-23-57 W.--October 1, 1981 through December 31, 1982
 Period of Record: October, 1973 - December, 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water/Calendar Year 1982, 135 Cubic Feet per Second at 1730 hours on May 19, 1982 at a Gage Height of 4.11 Feet. No other peak above base of 40 Cubic Feet per Second. Minimum Daily Discharge, 7.3 Cubic Feet per Second on June 2, 5-7, 1982.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14	15	12	12	12	11	10	8.7	9.6	11	13	11	12	12	12
2	14	15	12	12	12	11	9.6	9.0	7.3	12	13	12	12	12	12
3	14	15	11	12	12	11	9.6	9.0	7.6	12	10	12	12	12	12
4	14	15	12	11	12	11	9.6	8.7	7.6	12	12	11	12	12	11
5	15	15	12	11	12	11	9.3	8.4	7.3	12	13	11	12	12	11
6	15	15	12	11	12	11	9.3	8.4	7.3	12	14	12	12	13	11
7	14	15	12	11	12	11	9.6	8.1	7.3	11	16	12	12	13	11
8	15	15	12	11	12	11	9.6	8.4	7.6	11	16	12	13	13	11
9	15	15	12	11	11	11	9.6	9.0	7.6	11	16	12	13	13	11
10	15	15	12	11	11	11	9.6	9.3	7.6	10	16	12	13	13	11
11	15	15	12	10	11	11	9.6	9.6	8.1	10	14	13	13	13	11
12	15	15	12	10	11	11	9.6	10	7.8	9.3	13	12	13	13	11
13	15	15	11	10	11	11	9.6	10	7.8	10	15	13	13	13	11
14	16	15	12	10	11	12	10	9.6	8.4	10	14	12	12	13	11
15	16	14	11	11	11	12	10	9.6	8.1	11	14	11	12	13	11
16	16	14	10	11	11	12	9.6	9.3	8.1	12	12	11	12	12	11
17	16	14	10	11	11	12	9.6	9.0	8.7	12	12	12	12	12	11
18	16	14	10	11	11	11	9.6	9.0	8.4	13	13	12	12	11	11
19	16	14	11	11	11	11	10	16	8.7	13	13	12	12	11	11
20	16	14	11	11	10	11	10	11	8.7	13	14	12	12	12	11
21	16	13	11	11	10	11	10	10	8.7	14	12	12	12	12	11
22	16	13	11	11	10	11	10	10	8.4	14	12	12	12	12	11
23	16	13	11	11	11	11	10	10	8.4	14	13	12	12	12	11
24	16	13	12	11	11	11	10	11	8.7	14	13	12	11	12	11
25	16	13	12	11	11	11	9.6	11	8.7	14	13	12	11	12	11
26	16	13	12	11	11	11	9.6	11	10	14	13	12	11	12	10
27	16	13	12	12	11	11	9.3	11	9.6	14	13	12	11	12	10
28	14	13	12	12	11	11	9.0	10	9.6	14	12	13	11	12	11
29	15	13	12	12	--	10	9.0	10	10	13	12	13	11	12	11
30	15	12	12	12	--	10	8.7	10	11	13	12	13	12	12	11
31	15	--	12	12	--	10	--	10	--	13	12	--	12	--	11
S.F.	473	423	358	345	313	342	288.6	304.1	252.7	378.3	410	360	372	368	342
Mean	15	14	12	11	11	11	9.6	9.8	8.4	12.2	13	12	12	12	11
Max.	16	15	12	12	12	12	10	11	11	14	16	13	13	13	12
Min.	14	12	10	10	10	10	8.7	8.1	7.3	9.3	10	11	11	11	10
A.F.	940	840	710	680	620	680	570	600	500	750	810	710	740	730	680
Total acre-feet 1982 Water Year	8410 A.F.														
Total acre-feet 1982 Calendar Year	8070 A.F.														

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 ENTERPRISE CANAL from North Platte River--Measured through
 rating flume--NE&NW¼ Sec. 27-23-57 W. near Morrill
 Period of Record: June, 1916 - September, 1916
 May, 1919 - September, 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	64	63	60	93	88
2	0	64	69	66	97	83
3	0	69	68	72	106	87
4	0	68	66	68	107	87
5	0	85	68	68	102	88
6	0	89	66	67	105	90
7	0	83	67	61	106	89
8	0	77	68	58	105	79
9	0	78	68	64	102	83
10	0	79	69	82	101	88
11	0	80	69	92	101	92
12	0	92	68	101	106	106
13	0	101	67	106	107	98
14	0	87	66	110	107	85
15	0	78	68	118	90	79
16	0	72	58	111	94	84
17	0	82	57	106	99	101
18	0	85	56	109	98	98
19	0	82	54	106	93	89
20	0	83	54	103	97	87
21	15	80	53	103	92	92
22	24	80	53	110	90	93
23	23	76	53	115	97	90
24	22	92	56	109	89	85
25	20	89	58	110	85	87
26	18	82	58	117	84	93
27	26	75	57	117	85	103
28	45	72	56	112	89	79
29	57	70	53	107	94	48
30	63	69	57	97	89	24
31	--	65	--	94	88	--
S.F.	313	2448	1843	2919	2998	2575
Mean	10	79	61	94	97	86
Max.	63	101	69	118	107	106
Min.	0	64	53	58	84	24
A.F.	620	4860	3660	5790	5950	5110
Water Diverted 1982	Water Year 25990 A.F.					
Water Diverted 1982	Calendar Year 25990 A.F.					
Acres reported D-920-7295						

DAILY DIVERSIONS OF CANALS--1982
 ENTERPRISE CANAL from Morrill Drain--Measured in
 channel of drain--NE&SE¼ Sec. 14-23-57 W. near Morrill
 Period of Record: July, 1921 - September, 1923
 May, 1931 - September, 1946
 May, 1948 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	2	1	1	1
2	0	2	1	1	1
3	0	2	1	1	2
4	0	2	1	1	2
5	0	1	1	1	2
6	0	1	1	1	2
7	1	1	1	1	2
8	1	1	1	1	2
9	1	1	1	1	2
10	1	1	1	1	2
11	1	0	1	1	2
12	1	0	1	1	2
13	1	0	1	1	2
14	2	0	1	1	2
15	2	0	1	1	2
16	2	0	1	1	2
17	2	0	1	1	2
18	2	0	1	1	2
19	2	0	1	1	2
20	2	0	1	1	2
21	2	0	1	1	2
22	2	1	1	1	2
23	2	1	1	1	2
24	2	1	1	1	2
25	2	1	1	1	2
26	2	1	1	1	2
27	2	1	1	1	2
28	2	1	1	1	2
29	2	1	1	1	2
30	2	1	1	1	2
31	2	-	1	1	-
S.F.	43	23	31	31	58
Mean	1	1	1	1	2
Max.	2	2	1	1	2
Min.	0	0	1	1	1
A.F.	90	50	60	60	120
Water Diverted 1982	Water Year 380 A.F.				
Water Diverted 1982	Calendar Year 380 A.F.				

DAILY DIVERSIONS OF CANALS--1982
 ENTERPRISE CANAL from Winters Creek--Measured in
 channel of canal--NW¼NE¼ Sec. 17-22-54 W. near Scottsbluff
 Period of Record: May, 1937 - September, 1943
 May, 1969 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	2	2	2
2	0	0	2	2	2
3	0	0	2	2	2
4	0	0	2	2	2
5	0	0	2	2	2
6	0	1	2	2	2
7	0	1	2	2	2
8	0	1	2	2	2
9	0	1	2	2	2
10	0	1	2	2	2
11	0	1	2	2	2
12	0	1	2	2	2
13	0	0	2	2	2
14	0	0	2	2	2
15	0	0	2	2	2
16	0	0	2	2	2
17	0	0	2	2	2
18	0	0	2	2	2
19	0	0	2	2	1
20	0	0	2	2	1
21	0	0	2	2	1
22	0	0	2	2	1
23	0	0	2	2	1
24	0	0	2	2	1
25	0	1	2	2	1
26	0	1	2	2	1
27	0	1	2	2	1
28	0	1	2	2	1
29	0	2	2	2	0
30	0	2	2	2	0
31	0	-	2	2	-
S.F.	0	15	62	62	46
Mean	0	1	2	2	2
Max.	0	2	2	2	2
Min.	0	0	2	2	0
A.F.	0	30	120	120	90
Water Diverted 1982	Water Year 360 A.F.				
Water Diverted 1982	Calendar Year 360 A.F.				

DAILY DIVERSIONS OF CANALS--1982

ENTERPRISE CANAL
 Summary in Acre-feet--1982

	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River....	620	4860	3660	5790	5950	5110	25990
Morrill Drain.....	0	90	50	60	60	120	380
Dry Spottedtail Creek.	0	0	0	0	0	0	0
Tub Springs.....	0	0	0	0	0	0	0
Winters Creek.....	0	0	30	120	120	90	360
Natural flow.....	620	4950	3740	5970	6130	5320	26730
Storage flow.....	0	0	0	0	0	0	0
Totals.....	620	4950	3740	5970	6130	5320	26730

No storage ordered for 1982

Water diverted 26730 A.F. Natural flow

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF DRY SPOTTEDTAIL CREEK AT MITCHELL
SE½SE¼ Sec. 20-23-56 W. October 1, 1981 through December 31, 1982

Period of Record: October, 1948 - December, 1982

EXTREMES FOR CURRENT YEAR:--Peak discharges above base of 160 cfs, and maximum (*):

DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)
May 19	2200	*412	*4.00	July 14	0300	204	2.67	July 28	2400	184	2.55

Minimum daily discharge, 10 cubic feet per second, February 16-20

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	76	21	14	12	11	20	14	23	30	28	107	76	45	24	34
2	56	20	14	11	11	20	14	19	36	32	94	76	40	25	34
3	47	21	16	11	12	20	14	22	24	49	79	74	40	25	33
4	45	22	16	12	12	20	14	16	22	49	77	73	40	24	33
5	45	20	16	12	12	20	14	21	24	47	84	70	37	25	32
6	45	20	16	11	12	20	14	30	23	54	86	73	39	25	33
7	45	19	16	11	12	20	17	38	23	52	86	76	39	24	33
8	46	17	12	11	12	20	18	36	21	47	84	79	42	24	32
9	38	19	12	12	12	20	19	40	19	44	82	80	46	39	31
10	34	17	12	12	11	19	20	43	19	49	73	72	46	44	31
11	32	16	14	13	11	19	20	42	18	55	72	74	42	51	30
12	31	18	14	13	11	19	21	38	17	47	63	88	42	49	30
13	31	18	16	13	11	19	22	88	18	65	65	97	38	44	30
14	29	17	15	13	11	18	24	82	19	115	94	102	33	40	30
15	29	18	16	13	11	16	27	55	37	83	88	77	30	40	30
16	27	19	15	13	10	16	22	51	30	74	80	66	30	39	30
17	27	18	15	13	10	17	33	49	30	72	74	108	30	39	30
18	26	20	15	13	10	16	31	39	32	77	69	140	29	38	27
19	24	20	14	13	10	16	31	96	30	76	63	124	31	36	27
20	24	20	13	13	10	16	39	75	29	69	90	128	30	38	26
21	24	19	19	13	11	16	31	56	28	58	80	143	29	37	25
22	24	19	19	12	11	16	27	47	26	47	80	138	29	38	25
23	24	19	19	12	11	16	24	30	26	49	87	122	28	36	26
24	23	19	19	12	11	16	23	42	29	51	72	118	27	36	23
25	23	19	17	11	12	16	28	28	29	56	69	135	27	36	24
26	22	17	16	11	12	16	30	25	30	74	76	146	26	36	24
27	22	16	16	11	16	15	37	22	28	77	82	146	24	34	25
28	22	16	14	11	19	15	76	24	28	107	82	142	24	34	24
29	21	16	13	11	--	15	61	27	24	135	90	125	25	34	24
30	21	15	13	11	--	15	29	35	27	119	88	119	24	34	24
31	21	--	13	11	--	14	--	24	--	111	80	---	24	--	26
S. F.	1004	555	469	371	325	541	794	1263	776	2068	2496	3087	1036	1048	886
Mean	32	18	15	12	12	17	26	41	26	67	81	103	33	35	29
Max.	76	21	19	13	19	20	76	96	37	135	107	146	46	51	34
Min.	21	15	12	11	10	14	14	16	17	28	63	56	24	24	23
A.F.	1990	1100	930	740	640	1070	1570	2510	1540	4100	4950	6120	2050	2080	1760

Total acre-feet 1982 Water Year 27260 A.F.
Total acre-feet 1982 Calendar Year 29130 A.F.

DISCHARGE IN SECOND-FEET OF WET SPOTTEDTAIL CREEK NEAR MITCHELL
SW¼NE¼ Sec. 6-22-55 W. --October 1, 1981 through December 31, 1982

Period of Record: October, 1935 - September, 1942
October, 1979 - December, 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water/Calendar Year 1982, 28 Cubic Feet per Second at 0215 hours on August 14, 1982 at a Gage Height of 3.16 Feet. Minimum Daily Discharge, 6.0 Cubic Feet per Second on April 30, 1982.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14	12	11	9.7	8.8	7.5	7.2	6.2	8.5	9.7	12	19	12	11	10
2	14	12	11	9.6	8.8	7.5	7.6	6.3	9.0	10	11	17	12	11	10
3	14	12	11	9.4	8.8	7.5	7.5	6.3	8.6	10	12	17	11	11	10
4	14	12	11	9.0	8.8	7.5	7.9	6.3	8.4	11	11	15	11	11	11
5	14	12	11	9.3	8.8	7.5	7.9	7.0	7.7	12	11	15	11	11	11
6	14	12	11	9.2	9.0	8.0	7.7	8.9	7.4	12	12	15	11	11	11
7	14	12	11	9.0	9.0	8.0	7.7	8.9	7.0	12	12	14	11	11	11
8	14	12	11	9.0	9.0	7.8	8.6	8.9	7.4	12	12	14	12	10	11
9	14	12	11	9.2	9.0	8.0	7.9	8.9	7.2	12	12	15	12	10	10
10	14	12	11	9.4	9.0	7.8	7.9	9.4	7.2	12	12	13	16	12	10
11	14	12	11	9.4	9.0	7.7	7.7	11	7.2	12	12	17	12	11	9.7
12	14	12	11	9.6	9.0	7.7	7.9	11	7.2	12	12	14	18	13	14
13	14	12	11	9.6	9.0	7.7	7.9	14	7.2	12	15	18	13	11	8.5
14	14	12	11	9.8	8.8	7.7	8.1	12	9.0	14	17	18	13	11	8.8
15	14	12	11	9.4	8.8	7.8	8.1	9.6	15	15	12	17	13	11	9.6
16	14	12	10	9.0	8.6	7.8	7.9	9.6	8.4	14	12	16	13	11	8.6
17	13	13	9.8	9.0	8.6	7.8	7.9	8.8	7.7	13	11	14	13	11	8.6
18	12	13	9.8	9.0	8.6	7.7	7.9	8.8	7.7	13	10	13	13	11	8.6
19	12	12	9.6	9.0	8.4	8.0	7.9	9.3	7.2	12	9.7	12	14	11	8.6
20	12	12	9.8	9.0	8.2	7.2	7.6	9.3	7.1	12	10	12	13	11	8.6
21	12	12	9.8	9.0	8.0	7.1	7.5	9.0	7.1	11	11	12	14	11	8.4
22	12	12	9.8	9.0	7.8	7.2	7.4	9.0	7.1	12	11	12	14	11	8.4
23	12	12	9.8	8.8	7.6	7.2	7.1	9.3	7.6	12	12	12	14	11	8.4
24	12	12	9.8	8.8	7.5	7.4	6.9	9.6	8.9	11	13	11	13	11	8.4
25	12	12	9.8	8.8	7.6	7.2	6.5	9.4	9.2	11	14	11	13	10	8.2
26	12	12	9.8	8.8	7.6	7.2	6.4	9.0	11	12	15	12	13	9.8	8.2
27	12	12	9.8	8.8	7.5	7.2	6.3	8.6	9.9	13	17	12	13	9.7	8.2
28	12	12	9.8	8.8	7.5	7.2	6.2	8.6	9.7	15	15	12	12	11	8.2
29	12	11	9.8	8.8	---	7.5	6.3	8.4	9.3	19	17	12	12	10	8.0
30	12	10	9.8	8.8	---	7.0	6.0	8.2	9.2	13	18	12	12	10	8.0
31	12	--	9.8	8.8	---	7.1	---	8.1	---	12	21	--	12	--	8.0
S. F.	405	359	321.8	282.8	237.1	233.5	223.4	277.7	251.1	382.7	404.7	430	387	324.5	281
Mean	13	12	10	9.1	8.5	7.5	7.4	9.0	8.4	12.3	13.1	14.3	12.5	10.8	9.1
Max.	14	13	11	9.8	9.0	8.0	8.6	14	15	19	21	19	14	14	11
Min.	12	10	9.6	8.8	7.5	7.0	6.0	6.2	7.0	9.7	9.7	11	11	9.7	8.0
A.F.	800	710	640	560	470	460	440	550	500	760	800	850	770	640	560

Total acre-feet 1982 Water Year 7540 A.F.
Total acre-feet 1982 Calendar Year 7360 A.F.

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF TUB SPRINGS NEAR SCOTTSBLUFF
 SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-23-56 W. October 1, 1981 through December 31, 1982
 Period of Record: October, 1948 - December, 1982
 EXTREMES FOR CURRENT YEAR:--Peak discharges above base of 130 cfs, and maximum (*):
 DATE TIME DISCH (CFS) GHT (FT) DATE TIME DISCH (CFS) GHT (FT) DATE TIME DISCH (CFS) GHT (FT)
 June 15 0100 302 2.65 July 13 2300 254 2.12 July 28 2000 237 2.02
 Aug. 13 2130 *683 *4.33 Sept.30 1400 131 1.31
 Minimum daily discharge, 21 cubic feet per second, May 5

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	61	48	38	34	31	25	24	86	43	40	66	49	70	46	42
2	60	48	38	34	31	26	23	80	39	39	76	47	66	44	42
3	62	48	36	34	29	25	22	83	38	43	35	49	64	43	42
4	64	48	36	34	29	26	22	30	36	41	35	49	64	43	42
5	64	48	37	34	28	25	22	21	36	40	36	47	60	43	42
6	62	47	37	34	28	25	22	27	36	50	35	47	60	42	42
7	62	47	37	34	28	25	22	26	37	50	36	48	59	42	40
8	61	47	37	34	39	25	23	27	44	50	38	48	59	42	40
9	60	47	37	34	38	25	23	28	43	41	40	47	62	42	40
10	57	47	38	34	39	25	23	25	44	51	39	52	60	41	40
11	55	48	38	34	38	25	23	26	44	51	39	68	59	46	39
12	55	48	38	34	39	24	24	29	45	51	39	80	59	44	39
13	55	48	38	34	39	24	24	42	27	51	105	91	56	44	39
14	57	47	39	34	31	26	24	45	39	44	93	94	56	46	39
15	57	47	38	35	29	28	25	43	106	33	71	92	56	46	39
16	55	47	39	35	28	27	25	40	47	31	70	86	55	47	39
17	55	47	39	35	27	27	25	40	44	32	68	89	55	47	38
18	54	47	39	35	27	26	25	46	47	33	65	85	55	47	39
19	53	44	39	36	27	26	25	45	44	31	56	78	56	46	35
20	48	44	39	36	26	25	25	50	44	31	54	86	55	46	35
21	51	44	36	35	26	24	24	47	41	31	55	75	54	46	35
22	50	46	36	34	27	24	24	43	41	31	53	75	53	46	35
23	48	47	36	34	27	24	24	40	44	33	58	73	50	46	35
24	48	46	36	47	26	24	24	46	44	32	54	71	50	46	35
25	48	46	36	30	26	24	24	41	44	35	54	71	49	46	32
26	48	43	36	28	26	24	24	41	46	40	52	72	49	44	33
27	48	43	32	28	25	24	24	41	41	36	52	76	49	44	32
28	48	43	32	28	24	24	24	41	38	74	52	97	50	44	31
29	48	39	32	28	--	25	35	41	37	83	52	100	49	44	32
30	48	38	32	28	--	24	74	43	38	58	52	98	47	42	32
31	48	--	34	28	--	24	--	43	--	62	50	--	48	--	32
S.F.	1690	1377	1135	1036	842	775	772	1306	1297	1348	1680	2140	1734	1335	1157
Mean	55	46	37	33	30	25	26	42	43	54	71	56	44	37	
Max.	64	48	39	47	39	28	74	86	106	83	105	100	70	47	42
Min.	48	38	32	28	24	24	22	21	27	31	35	47	47	41	31
A.F.	3350	2730	2250	2050	1670	1540	1530	2590	2570	2670	3330	4240	3440	2650	2290
Total acre-feet 1982 Water Year 30520 A.F.															
Total acre-feet 1982 Calendar Year 30570 A.F.															

DAILY DIVERSIONS OF CANALS--1982
 WINTERS CREEK CANAL from North Platte River--Measured through
 8-foot Parshall flume--SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-22-55 W. near Scottsbluff
 Period of Record: May, 1916 - June, 1916
 June, 1918 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	5	6	0	8
2	0	4	10	20	10
3	0	5	9	21	11
4	0	4	7	21	11
5	5	4	7	21	10
6	13	3	10	22	12
7	13	2	9	23	12
8	13	1	11	25	13
9	14	1	13	25	12
10	18	1	14	22	11
11	22	1	16	19	10
12	26	1	20	17	12
13	19	1	19	16	13
14	16	1	18	24	13
15	16	1	18	14	14
16	13	0	23	18	18
17	11	0	23	17	16
18	12	0	24	19	15
19	10	0	27	20	13
20	7	0	28	25	10
21	4	0	25	20	6
22	8	4	25	18	8
23	10	6	29	29	9
24	10	8	31	23	8
25	7	7	28	7	9
26	4	6	19	5	10
27	3	5	28	0	16
28	3	4	27	0	22
29	3	4	7	5	7
30	3	4	0	7	0
31	5	--	0	7	--
S.F.	288	83	531	510	339
Mean	9	3	17	16	11
Max.	26	8	31	29	22
Min.	0	0	0	0	0
A.F.	570	160	1050	1010	670
Water Diverted 1982 Water Year 3460 A.F.					
Water Diverted 1982 Calendar Year 3460 A.F.					
Acreage reported D-952-5745					

DAILY DIVERSIONS OF CANALS--1982
 GERING CANAL from North Platte River--Measured through
 rating flume--NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-22-55 W. near Gering
 Period of Record: May, 1916 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	207	184
2	0	0	0	73	214
3	76	0	161	205	184
4	141	0	168	200	182
5	133	0	164	201	185
6	133	0	115	201	182
7	137	0	133	204	180
8	129	0	120	207	178
9	127	0	116	211	174
10	147	0	136	196	164
11	156	0	133	209	170
12	150	0	133	205	179
13	170	0	140	242	178
14	144	0	155	236	179
15	131	0	165	205	164
16	115	0	193	200	158
17	101	36	195	214	168
18	98	62	193	207	163
19	124	56	195	207	154
20	104	57	190	226	155
21	83	54	203	204	152
22	30	50	198	231	147
23	15	0	192	233	145
24	0	0	195	209	137
25	0	0	209	212	140
26	0	0	207	211	137
27	0	0	203	214	138
28	0	0	235	203	137
29	0	0	219	207	128
30	0	0	207	204	105
31	0	--	205	193	--
S.F.	2444	315	5151	6518	4831
Mean	79	10	166	210	161
Max.	170	62	235	242	185
Min.	0	0	0	193	105
A.F.	4850	620	10220	12930	9580
Water diverted 1982 Water Year 38200 A.F.					
Water diverted 1982 Calendar Year 38200 A.F.					
Acreage reported A-365R-12255					

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 CENTRAL CANAL from North Platte River--Measured through
 rating flume--NW 1/4 Sec. 36-22-55 W. near Gering
 Period of Record: May, 1919 - September, 1982

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	8	0	32	24
2	14	0	0	0	33	24
3	14	0	0	12	34	22
4	9	15	0	20	34	21
5	0	21	0	22	34	20
6	0	20	0	24	34	14
7	0	22	0	23	33	17
8	0	21	0	22	33	18
9	0	20	0	19	33	16
10	0	24	0	19	33	15
11	0	28	0	21	32	13
12	0	35	0	25	32	14
13	0	39	0	27	31	14
14	0	35	2	26	20	14
15	0	27	5	23	20	15
16	0	22	0	28	27	14
17	0	23	0	38	28	13
18	0	25	0	38	28	13
19	0	21	0	38	28	13
20	0	11	0	39	28	13
21	0	22	0	38	32	13
22	0	23	0	38	29	12
23	0	22	0	38	29	11
24	0	26	0	39	30	10
25	0	23	0	39	27	10
26	0	19	0	30	27	10
27	0	16	0	39	26	12
28	0	14	0	34	24	15
29	0	12	0	33	23	12
30	0	12	0	27	22	3
31	0	10	-	29	24	-
S.F.	49	608	15	848	900	435
Mean	2	20	0	27	29	14
Max.	14	39	8	39	34	24
Min.	0	0	0	0	20	3
A.F.	100	1210	30	1680	1790	860

Water Diverted 1982 Water Year 5670 A.F.
 Water Diverted 1982 Calendar Year 5570 A.F.
 Acreage reported D-926-1984

DAILY DIVERSIONS OF CANALS--1982

CENTRAL CANAL
 Summary in Acre-feet--1982

	Oct.	May	June	July	Aug.	Sept.	Totals
Diverted:							
Natural.....	100	1210	30	1450	1660	860	5310
Storage.....	0	0	0	230	130	0	360
Total.....	100	1210	30	1680	1790	860	5670
Storage orders -							
				July 16 - July 22 for 10 cfs			
				July 23 - July 29 for 11 cfs			
				July 30 - August 5 for 6 cfs			
				August 6 - August 12 for 8 cfs			
				August 13 to August 19 for 6 cfs			
				August 27 - September 2 for 2 cfs			
				September 3 - September 17 for 4 cfs			
Water diverted				5670 A.F.			
Natural				5310 A.F.			
Storage				360 A.F.			

DISCHARGE IN SECOND-FOOT OF WINTERS CREEK NEAR SCOTTSBLUFF
 NW 1/4 Sec. 30-22-54 W. October 1, 1981 through December 31, 1982
 Period of Record: October, 1931 - December, 1982

EXTREMES FOR CURRENT YEAR:--Peak discharges above base of 210 cfs, and maximum (*):

DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)
June 1	2200	255	3.72	June 15	0230	*813	*6.72	July 26	0030	422	4.83
July 29	0130	496	5.22	Aug. 13	2400	586	5.68				

Minimum daily discharge, 19 cubic feet per second, May 4, July 22, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	80	56	49	40	37	29	37	33	73	39	78	71	90	56	51
2	81	56	49	40	37	29	37	34	78	41	67	70	86	56	51
3	79	56	49	40	36	30	37	23	71	44	71	81	85	54	51
4	76	56	49	40	37	30	37	19	70	42	60	80	79	54	50
5	81	56	48	40	36	31	38	48	72	42	60	87	79	54	49
6	79	56	48	40	36	32	38	40	73	46	56	93	76	54	49
7	75	56	47	39	36	32	38	31	68	44	79	98	71	54	47
8	74	56	48	38	35	32	38	28	70	42	123	98	72	54	47
9	69	56	46	38	34	32	38	26	66	32	100	96	76	52	47
10	66	56	46	38	35	34	40	31	66	52	91	93	73	52	46
11	66	56	46	38	35	40	40	33	48	65	91	95	73	58	46
12	66	56	46	38	35	44	40	38	63	41	91	95	68	56	46
13	66	56	46	38	35	44	40	60	68	42	136	114	66	54	46
14	64	54	46	38	34	44	39	65	100	41	256	132	63	54	46
15	64	54	44	38	34	44	38	58	269	34	152	147	63	54	46
16	64	54	44	36	34	44	38	41	73	26	117	151	63	54	44
17	64	54	44	36	34	44	38	39	64	26	104	153	63	54	44
18	62	54	42	37	35	40	38	45	60	31	99	151	63	54	44
19	62	54	42	37	34	40	38	54	60	27	89	149	64	54	44
20	60	52	42	36	33	40	37	64	58	25	88	147	63	52	44
21	60	51	42	36	32	40	37	54	42	23	86	117	63	52	44
22	60	49	40	36	32	40	37	54	38	19	80	69	63	52	44
23	60	51	40	36	31	37	37	58	41	28	89	68	62	52	44
24	60	51	40	36	31	37	37	79	47	30	88	68	62	52	44
25	60	50	40	36	30	37	36	85	58	42	75	68	60	52	44
26	58	50	40	36	30	37	36	82	65	104	67	68	60	51	44
27	58	50	40	36	29	37	35	70	56	92	64	76	58	51	44
28	58	50	40	37	29	37	35	68	43	156	68	87	56	51	44
29	58	50	40	37	--	37	35	68	39	243	70	99	56	51	44
30	56	49	40	37	--	37	36	68	38	122	75	115	56	51	43
31	58	--	40	37	--	37	--	67	--	108	71	--	56	--	43
S.F.	2044	1605	1363	1165	946	1148	1225	1563	2037	1749	2841	3036	2088	1599	1420
Mean	66	54	44	38	34	37	38	50	68	56	92	101	67	53	46
Max.	81	56	49	40	37	44	40	85	269	243	256	153	90	58	51
Min.	56	49	40	36	29	29	35	19	38	19	56	68	56	51	43
A.F.	4050	3180	2700	2310	1880	2280	2230	3100	4040	3470	5640	6020	4140	3170	2820

Total acre-feet 1982 water year 40900 A.F.
 Total acre-feet 1982 calendar year 41100 A.F.

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 WINTERS CREEK FACTORY LATERAL from Winters
 Creek--Measured through 2-foot Parshall flume
 SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-22-54 W. near Scottsbluff
 Period of Record: May, 1937 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	3
2	0	0	0	0	3
3	0	0	0	0	3
4	0	0	0	0	3
5	0	0	0	0	3
6	0	0	0	0	3
7	0	0	0	0	3
8	0	0	0	0	3
9	0	0	0	0	3
10	0	0	0	0	3
11	0	0	0	0	3
12	0	0	0	0	4
13	0	0	0	0	4
14	0	0	0	0	3
15	0	0	2	0	3
16	0	0	3	0	3
17	0	0	4	0	3
18	0	0	5	0	3
19	0	0	5	0	3
20	0	0	5	0	2
21	0	0	4	0	2
22	0	0	3	0	2
23	0	0	5	0	2
24	0	0	3	0	2
25	0	0	5	0	2
26	0	0	0	0	2
27	0	0	0	2	2
28	0	0	0	4	3
29	0	0	0	4	2
30	0	0	0	3	1
31	0	-	0	3	-
S.F.	0	0	44	16	81
Mean	0	0	1	1	3
Max.	0	0	5	4	4
Min.	0	0	0	0	1
A.F.	0	0	90	30	160
Water Diverted 1982 Water Year	280 A.F.				
Water Diverted 1982 Calendar Year	280 A.F.				

DAILY DIVERSIONS OF CANALS--1982
 WINTERS CREEK CANAL from Winters Creek--Measured through
 8-foot Parshall flume--SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-22-54 W. near Scottsbluff
 Period of Record: May, 1919 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	11	18	36
2	0	0	11	28	36
3	6	0	10	34	30
4	12	0	10	35	32
5	13	0	10	37	34
6	19	0	12	41	33
7	30	0	17	28	33
8	28	0	16	0	32
9	30	0	25	21	30
10	30	0	36	32	29
11	30	10	27	30	31
12	32	10	38	26	32
13	30	0	38	28	27
14	24	11	38	4	41
15	18	11	36	0	32
16	24	0	40	22	30
17	29	0	39	30	31
18	30	0	39	29	30
19	21	0	42	30	29
20	12	0	41	30	29
21	16	20	42	30	25
22	12	14	40	32	34
23	8	9	46	34	36
24	0	7	45	28	35
25	0	0	43	28	35
26	0	0	22	30	34
27	0	0	31	30	35
28	0	6	20	32	29
29	0	10	10	31	45
30	0	9	0	32	19
31	0	--	0	34	--
S.F.	454	117	835	844	964
Mean	15	4	27	27	32
Max.	32	20	46	41	45
Min.	0	0	0	0	19
A.F.	900	230	1660	1670	1910
Water Diverted 1982 Water Year	6370 A.F.				
Water Diverted 1982 Calendar Year	6370 A.F.				

DAILY DIVERSIONS OF CANALS--1982

WINTERS CREEK DIVERSIONS
 Summary in Acre-feet--1982

	May	June	July	Aug.	Sept.	Totals
Diverted from:						
North Platte River.....	570	160	1050	1010	670	3460
Winters Creek.....	900	230	1750	1700	2070	6650
Totals.....	1470	390	2800	2710	2740	10110

Water diverted 10110 A.F.
 Acreage reported D-952-5745

DAILY DIVERSIONS OF CANALS--1982
 MINATARE CANAL from North Platte River--Measured through
 rating flume--NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-22-54 W. near Scottsbluff
 Period of Record: June, 1919 - October, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	49	0	63	50	15	58	73	42
2	49	0	63	41	31	58	70	42
3	49	0	63	31	38	79	71	42
4	49	0	60	19	36	84	72	43
5	47	0	55	29	36	86	72	41
6	38	0	73	22	37	88	75	40
7	36	0	88	39	34	96	80	40
8	36	0	82	50	30	97	82	40
9	22	0	73	50	30	96	79	40
10	27	0	71	52	33	89	74	40
11	37	0	68	50	33	96	74	40
12	39	0	69	44	50	86	68	40
13	38	0	73	40	70	92	57	31
14	24	0	73	40	74	93	53	34
15	23	0	67	15	69	84	46	38
16	24	0	63	15	67	78	45	39
17	21	0	52	17	73	85	43	39
18	10	0	49	17	75	85	43	10
19	34	15	48	12	93	96	42	0
20	39	40	46	11	93	106	40	0
21	38	40	51	11	90	111	39	0
22	38	42	53	11	89	109	40	0
23	37	60	53	12	90	121	40	0
24	37	66	54	16	120	121	40	0
25	37	66	53	15	123	102	40	0
26	2	66	53	16	119	91	40	0
27	0	66	53	14	107	76	41	0
28	0	67	53	12	102	74	46	0
29	0	67	53	8	75	80	48	0
30	0	65	53	14	60	75	44	0
31	0	--	52	--	59	74	--	0
S.F.	880	660	1880	773	2051	2766	1677	681
Mean	28	22	61	26	66	89	56	22
Max.	49	67	88	52	123	121	82	43
Min.	0	0	46	8	15	58	39	0
A.F.	1750	1310	3730	1530	4070	5490	3330	1350
Water Diverted 1982 Water Year	21210 A.F.							
Water Diverted 1982 Calendar Year	20810 A.F.							
Acreage reported D-919-9212								

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 CASTLE ROCK-STEAMBOAT CANAL from North Platte River--Measured
 through rating flume--NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-21-54 W. near Melbeta
 Period of Record: July, 1916 - August, 1916
 July, 1918 - October, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	60	0	47	52	39	78	83	45
2	57	0	48	61	41	79	82	41
3	50	0	54	58	47	81	81	40
4	49	0	51	55	50	83	81	41
5	45	0	50	54	53	86	81	40
6	51	0	55	52	55	84	78	40
7	62	0	56	51	55	86	72	40
8	58	0	56	51	58	82	70	40
9	48	0	53	50	62	81	68	13
10	45	0	58	48	62	81	71	0
11	45	0	79	45	67	82	70	0
12	45	0	82	42	68	82	68	0
13	28	0	78	47	74	82	62	0
14	0	0	79	43	68	80	52	0
15	0	0	74	41	69	74	48	0
16	0	0	72	0	70	85	47	0
17	0	0	69	0	65	87	46	0
18	0	0	68	0	78	86	45	0
19	0	0	72	0	89	89	44	0
20	0	0	65	0	92	88	45	0
21	0	0	61	9	94	90	48	0
22	0	0	61	33	96	90	47	0
23	0	0	62	42	94	90	47	0
24	0	23	60	48	90	88	50	0
25	0	36	63	47	90	84	50	0
26	0	37	62	22	92	81	50	0
27	0	32	62	17	90	80	50	0
28	0	39	52	17	80	81	50	0
29	0	44	48	17	42	80	51	0
30	0	48	54	22	43	80	51	0
31	0	--	53	--	66	81	--	0
S. F.	643	259	1904	1024	2139	2581	1788	340
Mean	21	9	61	34	69	83	60	11
Max.	62	48	82	61	96	90	83	45
Min.	0	0	47	0	39	74	44	0
A. F.	1280	510	3780	2030	4240	5120	3550	670

Water Diverted 1982 Water Year 20510 A.F.
 Water Diverted 1982 Calendar Year 19900 A.F.
 Acreage reported D-921-5987; A-186R-471; A-350R-49; Total-6507

DISCHARGE IN SECOND FEET OF MELBETA DRAIN NEAR
 MELBETA--SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-21-54 W.
 Period of Record: January, 1922 - September, 1982

Date	May	June	July	Aug.	Sept.
1	5	0	2	18	4
2	6	0	2	14	5
3	7	0	2	12	11
4	8	0	0	11	12
5	9	0	0	10	15
6	10	0	0	9	19
7	11	0	0	9	16
8	12	0	0	15	27
9	13	0	0	24	25
10	14	0	0	16	26
11	12	0	5	20	35
12	16	0	11	16	40
13	42	0	9	13	50
14	19	0	12	28	52
15	28	5	8	33	50
16	23	11	22	39	39
17	18	8	14	18	47
18	8	12	10	12	35
19	23	45	6	12	27
20	19	30	3	12	25
21	47	18	5	29	22
22	28	14	7	35	24
23	20	8	8	42	8
24	5	4	8	12	6
25	0	2	8	30	8
26	0	4	8	6	7
27	0	2	11	22	11
28	0	2	14	23	14
29	0	2	39	24	10
30	0	2	32	19	5
31	0	--	24	5	--
S. F.	403	169	270	588	675
Mean	13	6	9	19	22
Max.	47	45	39	42	52
Min.	0	0	0	5	4
A. F.	800	340	540	1170	1340

DAILY DIVERSIONS OF CANALS--1982
 NINE MILE CANAL from North Platte River--Measured through
 rating flume--NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-21-53 W. near Minatare
 Period of Record: June, 1918 - September, 1919
 June, 1921 - October, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	54	0	60	69	66	74	75	62
2	50	0	60	73	66	71	76	58
3	48	0	58	73	76	71	78	58
4	46	0	58	73	79	74	77	55
5	44	0	58	73	78	75	77	54
6	44	0	67	71	77	74	74	52
7	43	0	74	70	76	73	73	50
8	42	0	68	68	77	76	70	45
9	41	0	68	67	77	80	69	45
10	40	0	72	64	74	80	69	46
11	40	0	68	65	68	78	68	41
12	39	0	70	66	65	77	70	40
13	15	0	71	68	61	83	70	37
14	0	0	75	75	65	105	69	14
15	0	0	76	131	68	86	68	0
16	0	0	76	80	65	82	65	0
17	0	0	76	79	64	70	58	0
18	0	0	86	84	64	76	55	0
19	0	0	84	82	63	76	55	0
20	0	26	86	84	63	86	54	0
21	0	52	84	79	63	110	54	0
22	0	60	84	78	63	105	52	0
23	0	60	76	78	63	86	52	0
24	0	60	73	78	62	75	55	0
25	0	60	71	77	61	69	58	0
26	0	60	71	78	64	73	58	0
27	0	60	69	75	61	73	58	0
28	0	60	69	73	68	72	62	0
29	0	59	69	69	82	73	62	0
30	0	60	70	68	76	75	63	0
31	0	--	70	--	76	75	--	0
S. F.	546	617	2217	2268	2131	2453	1944	657
Mean	18	21	72	76	69	79	65	21
Max.	54	60	86	131	82	110	78	62
Min.	0	0	58	64	61	69	52	0
A. F.	1080	1220	4400	4500	4230	4870	3860	1300

Water Diverted 1982 Water Year 25460 A.F.
 Water Diverted 1982 Calendar Year 24380 A.F.
 Acreage reported D-925 (A-1431 O.D.)-6078; P-262 fr Red
 Willow Cr-72; Total-6150

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND- FEET OF NINE MILE DRAIN NEAR McGREW
 SE&SE¼ Sec. 23-21-53 W. October 1, 1981 through December 31, 1982
 Period of Record: January, 1932 - December, 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water/Calendar Year 1982, 602 Cubic Feet per Second at 0630 hour on June 15, 1982 at a Gage Height of 3.86 Feet. Minimum Daily Discharge, 45 Cubic Feet per Second on May 3, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	162	119	93	88	81	74	70	50	95	102	317	217	187	109	95
2	159	119	94	87	83	74	72	48	114	173	297	206	176	108	94
3	156	119	94	85	78	74	72	45	115	169	205	204	170	108	94
4	154	118	96	87	82	74	72	48	113	111	188	211	168	108	94
5	155	114	95	85	82	74	74	49	106	105	190	216	163	108	94
6	154	111	95	84	82	74	73	77	105	120	180	230	159	106	93
7	156	110	94	84	80	74	74	96	102	214	190	232	151	105	90
8	152	108	91	83	80	75	73	144	97	218	196	243	147	105	90
9	147	108	89	83	78	75	73	182	94	111	204	262	145	105	90
10	133	106	89	83	78	75	73	85	97	145	220	272	141	105	90
11	111	106	89	82	78	75	72	100	96	176	240	293	137	113	89
12	111	106	89	83	78	73	72	182	88	192	224	324	142	105	89
13	106	106	89	83	76	75	72	230	90	194	200	320	142	104	89
14	106	106	89	83	76	74	72	230	116	194	244	326	138	102	88
15	105	105	89	83	76	75	70	228	374	204	222	349	130	102	87
16	121	105	89	80	76	73	70	219	206	155	252	336	127	101	87
17	134	105	90	84	76	75	72	182	149	138	230	324	127	101	85
18	134	108	90	82	76	72	72	134	142	137	211	314	126	101	84
19	134	104	90	82	75	73	69	115	127	133	204	295	133	101	84
20	135	102	90	82	74	72	82	114	117	119	208	285	130	101	84
21	141	100	90	82	74	72	95	120	110	113	227	281	126	100	84
22	141	100	90	74	73	72	78	118	111	105	248	280	122	100	83
23	141	104	90	78	74	72	63	113	110	111	270	217	122	99	84
24	142	104	90	78	73	72	60	114	108	114	260	214	119	99	84
25	130	104	90	76	73	73	50	119	105	114	251	210	115	99	83
26	126	100	90	77	74	72	46	119	109	141	243	208	115	99	83
27	124	96	89	77	74	72	60	117	100	142	224	210	113	97	83
28	123	94	88	78	74	72	65	123	96	198	225	210	110	96	82
29	123	94	88	79	--	73	62	97	96	430	227	222	109	96	85
30	120	90	89	79	--	68	50	96	99	336	233	210	108	96	85
31	120	--	88	81	--	69	--	95	--	319	233	--	108	--	85
S. F.	4156	3171	2806	2532	2154	2267	2078	3789	3587	5233	7063	7721	4206	3079	2711
Mean	134	106	91	82	77	73	69	122	120	169	228	257	136	103	87
Max.	162	119	96	88	83	75	95	230	374	430	317	349	187	113	95
Min.	105	90	88	74	73	68	46	45	88	102	180	204	108	96	82
A. F.	8240	6290	5570	5020	4270	4500	4120	7520	7110	10380	14010	15310	8340	6110	5380
Total acre-feet 1982 Water Year 92340 A. F.															
Total acre-feet 1982 Calendar Year 92070 A. F.															

DAILY DIVERSIONS OF CANALS--1982
 SHORT LINE CANAL from North Platte River--Measured through
 rating flume--NW¼SE¼ Sec. 25-21-53 W. near McGrew
 Period of Record: June, 1916 - July, 1916
 June, 1920 - September, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	31	0	36	3	5	23	31
2	31	0	38	15	12	23	34
3	31	0	31	18	16	23	26
4	11	0	35	18	18	24	26
5	0	0	33	18	20	26	23
6	0	0	38	18	23	26	26
7	0	0	45	18	30	26	33
8	0	0	47	30	28	26	25
9	0	0	44	32	27	26	26
10	0	0	44	30	36	27	28
11	0	0	44	31	31	28	31
12	0	0	44	32	28	27	31
13	0	0	40	34	28	31	27
14	0	0	40	45	28	31	20
15	0	0	40	43	27	27	21
16	0	0	37	26	21	28	18
17	0	0	37	33	18	26	16
18	0	0	34	35	18	28	13
19	0	0	35	32	24	28	14
20	0	0	35	28	30	28	14
21	0	0	28	28	33	28	13
22	0	0	25	28	36	30	14
23	0	2	24	19	38	29	9
24	0	11	25	16	37	28	8
25	0	17	25	15	34	25	8
26	0	24	25	16	37	26	8
27	0	29	8	14	38	26	8
28	0	30	0	4	40	29	6
29	0	35	0	0	39	32	4
30	0	35	0	0	26	35	2
31	0	--	0	--	24	31	--
S. F.	104	183	938	679	850	851	563
Mean	3	6	30	23	27	27	19
Max.	31	35	47	45	40	35	34
Min.	0	0	0	0	5	23	2
A. F.	210	360	1860	1350	1690	1690	1120
Water Diverted 1982 Water Year 8280 A. F.							
Water Diverted 1982 Calendar Year 8070 A. F.							
Acreage reported D-946-2752							

DAILY DIVERSIONS OF CANALS--1982
 CHIMNEY ROCK CANAL from North Platte River--Measured
 through rating flume--SE¼NE¼ Sec. 1-20-53 W. near Bayard
 Period of Record: June, 1916 - October, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	45	0	23	45	37	36	58	38
2	45	0	24	51	39	50	60	34
3	43	0	27	52	44	59	62	35
4	42	0	27	51	44	64	63	36
5	41	0	31	50	40	69	60	36
6	40	0	51	49	40	70	60	38
7	41	0	50	45	41	72	60	39
8	41	0	46	40	40	75	61	38
9	40	0	42	36	37	74	60	39
10	40	0	42	34	40	72	59	40
11	41	0	44	34	43	72	61	40
12	40	0	52	35	48	70	61	39
13	40	0	55	46	54	68	53	39
14	27	0	52	45	52	66	43	41
15	0	0	51	32	43	58	40	15
16	0	0	48	33	43	60	40	0
17	0	0	47	47	50	58	37	0
18	0	0	48	48	55	54	36	0
19	0	0	52	41	53	46	33	0
20	0	0	59	42	56	31	37	0
21	0	0	59	43	66	47	40	0
22	0	0	59	43	66	41	41	0
23	0	6	58	44	73	39	40	0
24	0	0	59	44	75	39	43	0
25	0	0	58	43	71	34	42	0
26	0	18	58	46	80	39	40	0
27	0	30	56	37	77	41	40	0
28	0	29	53	35	69	42	39	0
29	0	29	52	34	37	46	40	0
30	0	26	54	34	34	52	40	0
31	0	--	50	--	36	58	--	0
S. F.	566	138	1487	1259	1583	1702	1449	547
Mean	18	5	48	42	51	55	48	18
Max.	45	30	59	52	80	75	63	41
Min.	0	0	23	32	34	31	33	0
A. F.	1120	270	2950	2500	3140	3380	2870	1080
Water Diverted 1982 Water Year 16230 A. F.								
Water Diverted 1982 Calendar Year 16190 A. F.								
Acreage reported D-844, 1031-5222; A-2190-47; Total-5269								

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
NEAR BAYARD--SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 6-20-52 W.
Period of Record: April, 1930 - September, 1982

Date	May	June	July	Aug.	Sept.
1	4	21	15	21	7
2	6	18	15	19	7
3	6	23	24	13	12
4	10	24	22	8	14
5	16	22	20	10	12
6	24	22	21	9	11
7	22	21	20	11	12
8	15	20	19	12	12
9	9	17	23	12	14
10	2	22	22	14	14
11	9	21	23	14	16
12	20	21	24	13	21
13	22	22	29	13	23
14	25	23	40	12	25
15	28	36	29	13	24
16	28	28	20	14	21
17	27	15	25	10	19
18	19	20	22	7	18
19	24	14	20	6	18
20	22	12	10	9	17
21	28	10	4	13	16
22	25	13	4	15	14
23	22	18	4	17	12
24	18	23	4	14	13
25	21	21	3	14	16
26	22	34	4	15	14
27	19	13	6	11	15
28	26	12	5	12	16
29	18	11	28	14	16
30	20	9	20	12	16
31	23	--	20	7	--
S.F.	580	586	545	384	465
Mean	19	20	18	12	16
Max.	28	36	40	21	25
Min.	2	9	3	6	7
A.F.	1150	1160	1080	760	920

DAILY DIVERSIONS OF CANALS--1982

CHIMNEY ROCK CANAL
Summary in Acre-feet--1982

	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
Diverted:									
Natural.....	1120	270	2950	2500	2960	3180	2870	1080	16930
Storage.....	0	0	0	0	180	200	0	0	380
Totals.....	1120	270	2950	2500	3140	3380	2870	1080	17310

Storage orders - July 16 - August 27 for 20 cfs
Water diverted 17310 A.F.
Natural 16930 A.F.
Storage 380 A.F.

DISCHARGE IN SECOND-FEET OF BAYARD SUGAR FACTORY DRAIN NEAR BAYARD
SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-20-52 W. October, 1981 through December 31, 1982

Period of Record: October, 1931 - December, 1982

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

DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)
June 15	1115	*344	*4.00	July 29	0745	158	2.93

Minimum daily discharge, 1.8 cubic feet per second, April 18-20, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	54	31	24	19	18	15	16	12	11	13	101	71	52	36	26
2	54	31	25	19	18	15	16	17	13	13	91	62	43	34	26
3	55	31	24	19	16	15	16	15	11	14	79	57	39	34	26
4	52	30	24	19	17	16	16	17	8.5	13	69	58	39	34	26
5	50	28	24	19	16	18	16	17	6.9	13	68	59	37	34	26
6	49	28	22	19	16	18	16	15	6.9	22	68	57	37	34	26
7	44	28	22	18	16	18	16	12	6.6	29	64	55	36	33	24
8	43	26	22	18	15	17	16	15	8.1	24	62	57	34	33	24
9	37	26	22	18	15	16	16	16	11	20	59	57	38	33	24
10	35	26	21	18	16	16	16	11	16	31	60	57	38	33	24
11	37	25	21	18	16	15	16	16	18	43	61	59	35	42	24
12	38	26	20	18	16	15	16	25	16	44	59	74	34	33	24
13	39	26	20	18	16	15	17	43	19	60	59	72	36	31	24
14	39	26	20	18	18	17	11	27	18	69	69	78	47	28	24
15	39	26	20	18	18	18	2.4	18	109	62	73	70	39	28	24
16	41	26	20	18	18	19	2.2	13	66	57	78	66	39	28	23
17	37	26	20	18	18	20	2.0	11	52	53	74	66	39	28	23
18	36	28	20	20	18	19	1.8	8.1	31	52	72	62	37	28	22
19	36	26	20	20	18	18	1.8	11	20	42	74	54	40	29	22
20	34	25	20	19	18	18	1.8	10	20	34	77	50	42	28	22
21	34	25	20	19	18	18	8.8	14	20	35	78	48	42	28	22
22	34	24	20	15	18	18	8.8	13	18	34	79	54	40	27	22
23	34	24	20	25	18	18	2.6	12	17	34	86	54	40	27	22
24	34	24	20	18	20	18	2.0	12	16	34	82	59	40	26	22
25	34	24	20	16	20	18	3.2	12	16	37	81	59	40	26	22
26	33	24	20	18	21	18	2.2	12	26	40	82	61	40	26	22
27	33	22	20	18	19	18	6.6	7.5	15	40	80	60	39	26	22
28	33	22	19	16	16	18	6.9	4.7	11	54	80	59	38	26	22
29	33	22	18	16	--	18	8.6	2.6	8.5	144	77	56	39	26	22
30	31	23	19	17	--	16	9.9	3.4	8.1	120	74	56	38	26	22
31	31	--	19	18	--	16	--	3.7	--	109	74	--	37	--	21
S.F.	1213	779	646	567	487	532	292	426	623	1389	2290	1807	1214	905	725
Mean	39	26	21	18	17	17	9.7	14	21	45	74	60	39	30	23
Max.	55	31	25	25	21	20	17	43	109	144	101	78	52	42	26
Min.	31	22	18	15	15	15	1.8	2.6	6.6	13	59	48	34	26	21
A.F.	2410	1550	1280	1120	970	1050	580	840	1240	2760	4540	3580	2410	1800	1440
Total acre-feet 1982 Water Year	21930 A.F.														
Total acre-feet 1982 Calendar Year	22340 A.F.														

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 ALLIANCE CANAL from Bayard Sugar Factory Drain
 Measured through Parshall flume
 SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-20-52 N. near Bayard
 Period of record: June 1924 - August 1926
 May 1928 - September 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	30	34	31	4	5
2	0	32	36	31	4	16
3	0	30	35	32	5	31
4	0	32	31	30	7	34
5	0	31	27	32	6	26
6	0	30	24	33	7	16
7	0	29	23	36	5	20
8	0	30	24	34	6	22
9	0	30	26	26	11	24
10	0	27	26	21	11	26
11	0	29	27	17	12	29
12	0	32	29	15	11	35
13	0	33	30	17	9	34
14	0	31	25	24	20	37
15	10	29	26	17	14	34
16	17	28	0	15	9	33
17	15	28	0	12	8	36
18	13	27	24	11	7	34
19	14	30	34	15	7	32
20	15	30	34	20	7	31
21	26	34	34	16	7	30
22	24	34	35	13	7	17
23	20	33	35	12	8	9
24	18	33	34	16	7	11
25	22	33	33	13	7	11
26	22	33	39	11	7	12
27	26	30	32	13	7	11
28	27	28	28	17	6	11
29	28	27	27	13	6	10
30	29	29	27	6	6	4
31	--	29	--	4	6	--
S.F.	326	941	839	603	244	681
Mean	11	30	28	19	8	23
Max.	29	34	39	36	20	37
Min.	0	27	0	4	4	4
A.F.	650	1870	1660	1200	480	1350
Water Diverted 1982 Water Year 7210 A.F.						
Water Diverted 1982 Calendar Year 7210 A.F.						
Acreage reported D-874,1035 (A-1776 O.D.)-2121						

DISCHARGE IN SECOND- FEET OF RED WILLOW CREEK NEAR BAYARD
 NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-20-52 W. October 1, 1981 through December 31, 1982
 Period of Record: October 1931 - December, 1982

EXTREMES FOR CURRENT YEAR:--Peak discharges above base of 320 cfs, and maximum (*):

DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)	DATE	TIME	DISCH (CFS)	GHT (FT)
June 15	0800	554	4.28	July 14	0230	*556	*4.29	July 29	0400	503	4.04
Sept. 15	0100	362	3.16	Sept. 21	1300	365	3.17				

Minimum daily discharge, 46 cubic feet per second, May 4, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	178	93	78	70	64	66	53	66	104	172	209	157	166	92	84
2	170	93	79	70	64	66	53	59	103	229	186	140	160	90	82
3	157	93	78	69	64	69	53	56	125	230	151	142	151	90	82
4	157	93	78	69	65	65	53	46	131	144	145	161	148	92	81
5	158	93	78	69	64	62	55	53	141	124	120	180	147	90	81
6	161	93	78	68	64	62	53	67	128	164	114	212	147	90	81
7	151	93	78	69	64	62	53	175	112	188	114	218	145	90	79
8	148	90	77	68	64	62	53	250	92	210	114	234	144	90	79
9	147	90	77	68	64	62	53	263	84	213	120	233	144	90	79
10	141	90	77	68	64	62	53	235	82	244	129	229	144	90	79
11	141	86	77	68	62	62	53	252	84	189	129	230	144	101	79
12	141	86	76	68	64	64	53	232	81	191	126	263	145	93	78
13	140	86	76	68	64	65	53	253	77	282	124	313	134	89	78
14	138	85	76	68	64	65	53	279	86	363	153	341	110	88	78
15	138	85	73	66	65	62	62	274	243	313	153	356	103	86	78
16	133	85	76	65	64	59	59	260	196	290	144	341	101	86	78
17	116	85	74	66	64	60	59	198	140	247	131	335	100	86	77
18	113	89	74	66	66	59	59	176	145	196	131	352	100	86	78
19	113	88	74	66	66	59	57	135	114	140	129	338	101	85	81
20	109	86	74	66	65	56	55	124	110	106	141	304	100	85	81
21	109	86	74	66	66	56	48	122	109	88	148	282	99	85	81
22	107	86	73	64	66	56	47	121	93	84	164	249	97	85	81
23	106	85	73	65	66	56	64	118	94	82	170	253	96	84	81
24	106	85	73	69	66	56	59	118	93	84	178	290	96	84	81
25	106	84	73	66	66	56	77	117	101	88	186	277	96	84	79
26	104	84	73	66	66	56	81	125	134	89	169	274	96	84	79
27	100	82	73	66	66	56	62	118	124	92	161	287	96	84	78
28	100	82	73	65	66	56	69	110	107	154	166	279	94	84	78
29	96	82	70	64	--	56	72	99	103	360	154	249	93	84	78
30	93	79	70	64	--	53	69	103	114	272	150	192	93	84	77
31	93	--	70	64	--	53	--	106	--	227	134	--	92	--	77
S.F.	3970	2617	2323	2074	1813	1859	1743	4710	3450	5855	4543	7691	3682	2631	2463
Mean	128	87	75	67	65	60	58	152	115	189	147	256	119	88	79
Max.	178	93	79	70	66	69	81	279	243	363	209	356	166	101	84
Min.	93	79	70	64	62	53	47	46	77	82	114	137	92	84	77
A.F.	7870	5190	4610	4110	3600	3690	3460	9340	6840	11610	9010	15250	7300	5220	4890
Total acre-feet 1982 Water Year 84580 A.F.															
Total acre-feet 1982 Calendar Year 84320 A.F.															

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 ALLIANCE CANAL from Red Willow Creek--Measured through
 rating flume--NW 1/4 Sec. 6-20-51 W. near Bayard
 Period of Record: June, 1918 - September, 1926
 May, 1928 - September, 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	22	26	14	50	52
2	0	22	28	18	46	51
3	0	21	24	10	51	53
4	0	24	27	20	51	46
5	0	24	27	42	52	46
6	0	19	28	42	46	43
7	0	0	25	42	45	42
8	0	0	28	35	56	42
9	0	0	29	46	67	37
10	0	23	24	51	60	40
11	0	29	27	46	62	27
12	0	39	25	40	60	39
13	0	45	24	5	62	32
14	0	35	20	1	62	31
15	0	30	0	0	60	31
16	0	28	0	10	54	12
17	0	19	0	22	51	0
18	0	27	0	36	52	0
19	0	23	0	44	51	0
20	0	23	0	59	46	0
21	0	24	0	61	53	0
22	0	25	14	55	50	6
23	13	23	15	58	47	22
24	19	21	17	65	47	18
25	6	23	16	67	54	25
26	3	23	6	70	56	32
27	21	24	8	70	56	32
28	22	30	13	52	53	30
29	22	26	12	0	56	28
30	22	27	13	11	47	17
31	--	27	--	40	55	--
S.F.	128	726	476	1132	1658	834
Mean	4	23	16	37	53	28
Max.	22	45	29	70	67	53
Min.	0	0	0	0	45	0
A.F.	250	1440	940	2250	3290	1650

Water Diverted 1982 Water Year 9820 A.F.
 Water Diverted 1982 Calendar Year 9820 A.F.
 Acreage reported D-874,1035 (A-1429 O.D.)-4022;
 A-1436-17; Total-4039

DAILY DIVERSIONS OF CANALS--1982

ALLIANCE IRRIGATION DISTRICT
 Summary in Acre-feet--1982

	Apr.	May	June	July	Aug.	Sept.	Totals
Diverted from:							
Bayard Drain.....	650	1870	1660	1200	480	1350	7210
Red Willow Creek.	250	1440	940	2250	3290	1650	9820
Total.....	900	3310	2600	3450	3770	3000	17030

Total water diverted 17030 A.F.

DAILY DIVERSIONS OF CANALS--1982
 NORTHPORT CANAL from North Platte River
 Measured through section of Tri-State Canal
 SW 1/4 Sec. 14-21-51 W. near Bayard
 Period of Record: June, 1920 - September, 1920
 May, 1922 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	21	145	211	103
2	0	21	151	195	81
3	0	89	108	224	69
4	0	130	140	210	103
5	0	117	149	197	110
6	0	134	124	190	81
7	0	110	160	181	95
8	0	116	186	196	65
9	0	135	236	205	56
10	0	131	258	217	54
11	99	123	274	203	32
12	85	127	275	198	11
13	103	109	274	186	0
14	94	71	258	184	0
15	58	83	272	203	0
16	51	78	273	197	0
17	66	135	272	190	0
18	57	74	274	185	0
19	27	68	284	180	0
20	14	63	242	166	0
21	50	38	236	207	0
22	88	22	241	192	0
23	84	23	265	188	0
24	31	40	254	195	0
25	20	68	233	167	0
26	34	86	242	130	11
27	28	96	249	92	30
28	23	104	229	128	37
29	15	112	199	118	22
30	6	139	198	101	0
31	15	---	202	104	--
S.F.	1048	2663	6903	5540	960
Mean	34	89	223	179	32
Max.	103	139	284	224	110
Min.	0	21	108	92	0
A.F.	2080	5280	13690	10990	1900

Water diverted 1982 Water Year 33940 A.F.
 Water diverted 1982 Calendar Year 33940 A.F.
 Acreage reported A-768-16137

DAILY DIVERSIONS OF CANALS--1982

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
 Summary in Acre-feet--1982

Diverted from:	Section Township Range						Total
	May	June	July	Aug.	Sept.		
North Platte River...	10-23-58	2080	5280	13690	10990	1900	33940
*Sheep Creek.....	17-23-57	2640	3340	3480	5060	5050	19570
*Akers Draw.....	12-23-57	450	510	750	810	710	3230
*Tub Springs.....	27-33-55	650	940	1800	2580	1280	7250
*Dry Spottedtail Cr...	9-23-56	420	400	700	1290	590	3400
*Wet Spottedtail Cr...	10-23-56	520	650	630	1390	1430	4620
*Moffat Drain.....	25-22-53	0	0	0	0	0	0
Totals.....		6760	11120	21050	22120	10960	72010

Water diverted 72010 A.F.
 Acreage reported A-768-16137
 Pathfinder storage included

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

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 BELMONT CANAL from North Platte River--Measured through
 15-foot Parshall flume--SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-20-51 W. near Bridgeport
 Period of Record: May, 1916 - September, 1950
 October, 1950 - September, 1961 (published Belmont-
 Empire Canal)
 October, 1961 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	106	0	52	83	120	107	85
2	101	0	59	83	128	108	86
3	98	0	59	86	126	106	84
4	97	0	62	87	128	105	80
5	95	0	62	87	130	100	35
6	43	0	67	86	130	100	0
7	0	17	73	86	129	100	0
8	0	31	73	86	129	98	0
9	0	36	78	100	131	100	0
10	0	62	99	113	133	99	0
11	0	62	101	115	134	97	0
12	0	68	99	115	133	98	0
13	0	47	107	125	129	98	0
14	0	40	106	102	129	97	0
15	0	37	95	99	115	92	0
16	0	47	93	106	121	89	0
17	0	58	87	112	123	88	0
18	0	101	80	111	124	88	0
19	0	64	78	109	125	89	0
20	0	60	75	113	125	88	0
21	0	56	72	114	126	88	0
22	0	55	72	112	128	93	0
23	0	60	78	113	129	90	0
24	0	59	78	115	125	86	0
25	0	56	83	133	123	86	0
26	0	53	85	133	120	85	0
27	0	60	82	133	111	85	0
28	0	62	76	135	107	86	0
29	0	68	76	119	105	86	0
30	0	59	77	124	105	86	0
31	0	52	--	126	105	--	0
S.F.	540	1370	2384	3361	3826	2818	370
Mean	17	44	79	108	123	94	12
Max.	106	101	107	135	134	108	86
Min.	0	0	52	83	105	85	0
A.F.	1070	2720	4730	6670	7590	5590	730

Water diverted 1982 Water Year 28370 A.F.
 Water diverted 1982 Calendar Year 28030 A.F.
 Acreage reported D-828-9023

DAILY DIVERSIONS OF CANALS--1982
 EMPIRE CANAL from North Platte River via Belmont
 Canal--Measured through 4-foot Parshall flume
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 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 Cana
 October, 1961 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	33	0	31	21	20	16	22
2	32	0	33	21	21	16	8
3	30	0	33	22	21	16	0
4	30	0	28	22	21	16	0
5	28	0	26	22	21	15	0
6	11	0	29	22	21	15	0
7	0	0	32	22	20	15	0
8	0	0	32	22	20	15	0
9	0	0	33	26	21	16	0
10	0	13	33	25	22	14	0
11	0	24	32	24	21	14	0
12	0	24	31	24	22	14	0
13	0	25	33	24	21	14	0
14	0	26	27	20	20	15	0
15	0	25	26	19	19	14	0
16	0	27	28	21	19	13	0
17	0	29	27	19	19	13	0
18	0	34	25	18	19	13	0
19	0	29	24	17	17	13	0
20	0	27	23	18	18	13	0
21	0	29	21	18	19	14	0
22	0	28	22	19	19	14	0
23	0	29	24	19	19	13	0
24	0	29	27	20	18	12	0
25	0	29	24	22	18	12	0
26	0	29	24	22	18	12	0
27	0	30	24	22	16	12	0
28	0	32	20	22	15	12	0
29	0	33	18	19	14	16	0
30	0	30	19	19	15	20	0
31	0	31	--	19	15	--	0
S.F.	164	612	809	650	589	427	30
Mean	5	20	27	21	19	14	1
Max.	33	34	33	26	22	20	22
Min.	0	0	18	17	14	12	0
A.F.	330	1210	1600	1290	1170	850	60

Water diverted 1982 Water Year 6450 A.F.
 Water diverted 1982 Calendar Year 6180 A.F.
 Acreage reported D-858-2116; A-866-75; Total-2191

DISCHARGE IN SECOND-FEET OF INDIAN CREEK
 NEAR NORTHPORT--NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-20-50 W.
 Period of Record: September, 1922 - September, 1982

Date	May	June	July	Aug.	Sept.
1	5	21	19	54	32
2	5	19	24	40	39
3	4	11	22	39	35
4	4	12	19	40	38
5	3	16	24	44	41
6	3	21	28	42	43
7	3	14	29	44	45
8	4	15	33	45	51
9	4	16	32	47	54
10	4	15	31	31	51
11	12	18	30	25	49
12	12	20	32	35	50
13	35	23	28	38	52
14	30	22	51	48	53
15	26	39	40	58	51
16	22	14	40	65	45
17	16	13	40	49	32
18	23	12	40	46	31
19	14	12	39	23	30
20	13	12	30	31	30
21	12	12	27	44	29
22	13	12	28	57	21
23	14	17	16	60	34
24	15	15	16	57	31
25	14	19	15	56	26
26	16	21	23	58	22
27	16	23	32	52	26
28	16	22	32	49	26
29	16	21	63	46	21
30	17	21	43	35	17
31	19	--	48	32	--
S.F.	410	528	974	1390	1105
Mean	13	18	31	45	37
Max.	35	39	63	65	54
Min.	3	11	15	23	17
A.F.	810	1050	1930	2760	2190

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER NEAR BRIDGEPORT
 SE&SE¼ Sec. 20-20-50 W.--October 1, 1981 through December 31, 1982
 Period of Record: October, 1931 - December, 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water/Calendar Year 1982, 155 Cubic Feet per Second at 1815 hours on July 28, 1982 at a Gage Height of 2.24 Feet. Minimum Daily Discharge, 1.4 Cubic Feet per Second on April 14-26, May 9, 10, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.4	7.8	5.7	3.0	3.5	1.6	1.8	1.8	11	63	52	15	21	6.4	5.0
2	8.6	7.8	5.7	5.0	3.4	1.6	2.6	1.8	12	71	40	14	18	6.4	4.8
3	8.8	7.8	5.7	4.7	3.0	1.8	2.6	1.8	16	52	22	14	16	6.4	4.8
4	9.0	7.6	5.7	4.4	2.8	1.8	2.5	1.8	31	48	12	13	13	6.4	4.6
5	9.4	7.4	5.7	4.4	2.9	1.7	2.4	1.8	28	48	9.3	26	10	6.4	4.6
6	9.6	7.2	5.7	4.3	2.9	1.8	2.3	1.8	30	28	8.9	35	7.6	6.4	4.6
7	9.8	7.0	5.7	4.0	3.2	1.9	2.1	1.8	34	19	12	40	7.6	6.4	5.0
8	9.8	6.8	5.7	4.1	3.2	2.0	2.0	1.6	31	17	17	40	7.6	6.4	5.0
9	9.8	6.6	5.7	4.0	3.1	2.0	1.9	1.4	38	30	21	34	7.4	6.4	5.0
10	9.6	6.4	5.7	3.9	3.0	2.0	1.8	1.4	35	38	24	38	7.4	6.4	5.0
11	9.6	6.2	5.7	3.7	2.9	2.3	1.7	76	26	33	25	39	7.4	6.2	5.0
12	9.6	6.2	5.7	3.8	2.9	2.5	1.6	96	26	37	23	50	7.2	6.2	5.0
13	9.4	6.2	5.7	3.8	2.9	2.6	1.5	141	22	52	16	48	7.2	6.2	4.7
14	9.4	6.2	5.3	4.1	2.9	2.6	1.4	147	22	47	13	48	7.2	6.2	4.7
15	9.0	6.2	5.3	3.2	2.9	3.2	1.4	81	30	41	14	44	7.0	6.2	4.7
16	9.0	6.2	5.0	2.6	2.9	2.6	1.4	102	31	46	20	44	7.0	6.2	4.5
17	8.6	6.2	5.0	4.7	2.9	2.6	1.4	104	49	45	23	47	6.8	6.2	4.5
18	8.6	6.6	5.0	4.4	2.9	2.3	1.4	94	42	42	21	38	6.8	6.2	4.3
19	8.4	6.6	5.0	4.4	2.9	2.3	1.4	64	30	30	25	24	6.8	6.2	5.0
20	8.2	6.6	5.0	4.3	2.9	2.3	1.4	63	27	15	39	22	6.8	6.2	5.0
21	8.0	6.6	5.0	4.1	2.9	2.3	1.4	41	22	14	46	25	6.8	6.2	5.0
22	8.0	6.6	5.0	4.0	3.2	2.3	1.4	63	16	14	48	20	6.8	6.0	5.0
23	8.0	6.6	5.0	3.8	3.2	2.1	1.4	63	14	15	43	21	6.6	6.0	4.5
24	8.0	6.6	5.0	3.8	3.1	2.3	1.4	29	14	14	59	20	6.6	5.8	4.4
25	8.0	6.6	5.0	3.9	3.0	2.3	1.4	8.2	33	13	62	20	6.6	5.8	4.4
26	8.0	6.6	5.0	3.5	2.8	2.3	1.4	7.5	36	9.6	53	24	6.6	5.6	4.5
27	8.0	6.2	5.0	3.5	2.6	2.3	1.8	9.6	38	3.9	37	24	6.6	5.4	4.5
28	7.8	6.2	4.7	3.5	1.8	2.0	1.8	11	39	31	35	22	6.4	5.4	4.6
29	7.8	5.7	4.7	3.5	---	2.0	1.8	11	39	48	32	15	6.4	5.2	4.8
30	7.8	5.7	5.0	3.5	---	2.3	1.8	11	52	47	24	15	6.4	5.0	5.0
31	7.8	---	5.0	3.5	---	2.3	---	11	---	49	23	---	6.4	---	5.0
S.F.	269.8	199	164.1	123.4	82.6	68.0	52.2	1250.3	874	1060.5	899.2	879	258	182.4	147.5
Mean	8.7	6.6	5.3	4.0	3.0	2.2	1.7	40.3	29	34.2	29	29	8.3	6.1	4.8
Max.	9.8	7.8	5.7	5.0	3.5	3.2	2.6	147	52	71	62	50	21	6.4	5.0
Min.	7.8	5.7	4.7	2.6	1.8	1.6	1.4	1.4	11	3.9	8.9	13	6.4	5.0	4.3
A.F.	540	390	330	240	160	130	100	2480	1730	2100	1780	1740	510	360	290
Total acre-feet 1982 Water Year 11720 A.F.															
Total acre-feet 1982 Calendar Year 11660 A.F.															

DAILY DIVERSIONS OF CANALS--1982

BROWNS CREEK CANAL from North Platte River--Measured through
 Parshall flume--NW&SW¼ Sec. 28-20-50 W. near Bridgeport
 Period of Record: May, 1916 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	45	0	48	19	25	47	17
2	47	0	54	20	30	46	20
3	49	0	65	23	41	45	7
4	45	0	61	30	44	41	0
5	15	0	59	37	70	32	0
6	0	0	56	37	98	29	0
7	0	0	58	40	96	28	0
8	0	0	58	45	98	24	0
9	0	0	58	50	98	28	0
10	0	0	52	53	86	30	0
11	0	0	52	67	76	26	0
12	0	0	52	65	68	22	0
13	0	0	49	65	52	17	0
14	0	0	48	58	30	12	0
15	0	0	40	64	36	9	0
16	0	0	30	63	37	9	0
17	0	0	28	64	46	9	0
18	0	0	24	62	54	9	0
19	0	0	23	66	55	10	0
20	0	0	20	78	48	9	0
21	0	0	16	88	39	8	0
22	0	0	16	94	34	8	0
23	0	0	16	96	27	8	0
24	0	0	16	95	19	10	0
25	0	0	19	95	10	10	0
26	0	8	19	98	10	11	0
27	0	16	14	96	16	11	0
28	0	30	15	75	23	10	0
29	0	41	16	19	33	10	0
30	0	48	20	22	44	13	0
31	0	47	---	26	51	---	---
S.F.	201	190	1102	1810	1494	581	44
Mean	6	6	37	58	48	19	1
Max.	49	48	65	98	98	47	20
Min.	0	0	14	19	10	8	0
A.F.	400	380	2190	3590	2960	1150	90
Water Diverted 1982 Water Year 10670 A.F.							
Water Diverted 1982 Calendar Year 10360 A.F.							
Acreage reported D-857, 1033-6126							

DAILY DIVERSIONS OF CANALS--1982

BROWNS CREEK CANAL
 Summary in Acre-feet--1982

	Oct.	May	June	July	Aug.	Sept.	Oct.	Total
Diverted:								
Natural.....	400	380	2190	3480	2880	1150	90	10570
Storage.....	0	0	0	110	80	0	0	190
Total.....	400	380	2190	3590	2960	1150	90	10760
Storage orders - July 7 - August 28 for 12 cfs								
Water diverted 10760 A.F.								
Natural 10570 A.F.								
Storage 190 A.F.								

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 COURT HOUSE ROCK CANAL from Pumpkinseed Creek--Measured through
 rating flume--SE&SW Sec. 30-19-50 W. near Bridgeport
 Period of Record: May, 1917 - August, 1927
 April, 1930 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	4	0	6	2	3	4	4
2	4	0	7	2	3	5	4
3	2	0	7	2	4	5	4
4	1	0	6	2	6	5	4
5	1	0	6	2	6	5	5
6	1	0	6	2	5	6	5
7	1	0	6	2	5	7	5
8	1	0	6	0	5	5	5
9	1	0	6	0	5	5	5
10	0	0	6	0	5	5	4
11	0	0	6	0	6	5	4
12	0	0	6	0	5	6	4
13	0	0	6	0	5	4	4
14	0	0	6	0	5	6	4
15	0	0	9	0	6	5	4
16	0	0	6	0	6	4	4
17	0	0	5	0	5	5	4
18	0	3	6	0	4	5	4
19	0	6	6	1	4	4	4
20	0	6	6	4	5	4	4
21	0	6	5	6	5	4	4
22	0	6	5	5	5	5	4
23	0	6	6	5	5	5	2
24	0	6	4	5	4	5	0
25	0	6	3	5	4	5	0
26	0	6	3	6	4	5	0
27	0	6	3	6	4	4	0
28	0	6	3	5	4	4	0
29	0	6	2	2	4	4	0
30	0	6	2	3	6	4	0
31	0	6	-	3	6	-	0
S.F.	16	81	160	70	149	145	95
Mean	1	3	5	2	5	5	3
Max.	4	6	9	6	6	7	5
Min.	0	0	2	0	3	4	0
A.F.	30	160	320	140	300	290	190

Water Diverted 1982 Water Year 1240 A.F.
 Water Diverted 1982 Calendar Year 1400 A.F.
 Acreage reported D-840,1028-1462, A-851-22; A-2315-5;
 Total-1489

DAILY DIVERSIONS OF CANALS--1982
 LAST CHANCE CANAL from Pumpkinseed Creek--Measured through
 rating flume--SE&NW Sec. 27-19-50 W. near Bridgeport
 Period of Record: July, 1921 - September, 1921
 July, 1922 - August, 1922
 June, 1931 - September, 1982

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

Water Diverted 1982 Water Year 180 A.F.
 Water Diverted 1982 Calendar Year 180 A.F.
 Acreage reported D-883-404

DAILY DIVERSIONS OF CANALS--1982
 BELMONT SPILL into Pumpkin Creek--Measured through
 12-foot weir--SW&NE Sec. 23-19-50 W. near Bridgeport
 Period of Record: April, 1965 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	18	0	4	14	28	0	19
2	18	0	4	17	28	0	18
3	17	0	5	16	28	0	17
4	17	0	0	17	10	0	16
5	17	0	0	16	0	0	12
6	13	0	0	16	0	0	0
7	0	0	0	20	0	0	0
8	0	18	0	6	0	9	0
9	0	23	0	0	0	17	0
10	0	26	0	0	0	17	0
11	0	44	0	8	3	17	0
12	0	54	0	9	8	26	0
13	0	36	5	2	6	28	0
14	0	30	16	16	4	28	0
15	0	23	15	8	3	28	0
16	0	32	12	8	3	26	0
17	0	28	8	8	2	25	0
18	0	7	3	8	2	24	0
19	0	16	1	3	1	25	0
20	0	10	0	0	10	25	0
21	0	12	0	0	11	27	0
22	0	6	0	0	17	29	0
23	0	7	0	0	19	29	0
24	0	10	0	0	22	28	0
25	0	10	0	10	26	28	0
26	0	6	9	10	30	26	0
27	0	5	16	0	26	23	0
28	0	5	15	0	19	22	0
29	0	5	14	18	18	21	0
30	0	4	8	28	17	21	0
31	0	4	-	30	0	--	0
S.F.	100	421	135	288	341	549	82
Mean	3	14	5	9	11	18	3
Max.	18	54	16	30	30	29	19
Min.	0	0	0	0	0	0	0
A.F.	200	840	270	570	680	1090	160

Water spilled 1982 Water Year 3650 A.F.
 Water spilled 1982 Calendar Year 3610 A.F.

DAILY DIVERSIONS OF CANALS--1982
 MEREDITH-AMMER CANAL from Pumpkinseed Creek--Measured
 through rating flume--NE&NE Sec. 23-19-50 W. near Bridgeport
 Period of Record: June, 1931 - September, 1982

Date	May	June	July	Aug.	Sept.	
1	0	0	0	0	2	4
2	0	0	0	0	3	2
3	0	0	0	0	4	2
4	0	0	0	0	4	2
5	0	0	0	0	5	2
6	0	0	3	5	5	2
7	2	0	6	5	5	2
8	3	0	5	4	5	2
9	4	0	2	5	5	2
10	5	0	3	5	5	2
11	5	0	4	5	5	2
12	5	0	4	5	5	2
13	5	0	4	4	4	2
14	5	0	4	4	4	2
15	4	0	4	4	4	2
16	1	0	4	4	4	2
17	0	0	4	4	4	2
18	0	0	4	4	4	2
19	0	0	3	4	4	2
20	0	0	5	5	5	2
21	0	0	5	5	5	2
22	0	0	5	5	5	2
23	0	0	5	5	5	2
24	0	0	5	5	5	2
25	0	0	4	5	5	2
26	0	0	4	5	5	2
27	0	0	4	5	5	2
28	0	0	5	5	5	1
29	0	0	3	5	5	0
30	0	0	2	5	5	0
31	0	--	2	5	--	0
S.F.	39	0	103	140	57	0
Mean	1	0	3	5	2	0
Max.	5	0	6	5	4	0
Min.	0	0	0	2	0	0
A.F.	80	0	200	280	110	0

Water Diverted 1982 Water Year 670 A.F.
 Water Diverted 1982 Calendar Year 670 A.F.
 Acreage reported D-876-336

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF SILVERNAIL DRAIN NEAR BRIDGEPORT
SE½NW¼ Sec. 6-19-49 W. October 1, 1981 through December 31, 1982
Period of Record: February, 1925 - September, 1949
May, 1956 - December, 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water/Calendar Year 1982, 271 Cubic Feet per Second at 1800 hours on July 28, 1982 at a Gage Height of 5.60 Feet. Minimum Daily Discharge, 3.5 Cubic Feet per Second on May 7, 10, 1982.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7.3	6.6	6.1	5.4	7.3	5.2	4.8	4.1	10	36	41	13	13	7.1	6.1
2	7.1	6.6	6.1	5.4	6.3	5.2	4.6	3.9	13	36	35	14	12	7.1	6.8
3	7.1	6.6	5.9	5.4	6.3	5.2	4.1	3.9	12	29	33	16	9.3	6.6	7.1
4	10	6.6	6.0	5.4	6.3	5.2	3.9	3.7	31	21	24	25	7.5	6.3	7.1
5	12	6.6	6.1	5.7	6.1	5.2	3.9	3.7	32	22	29	33	7.5	6.3	7.1
6	8.0	6.6	5.2	5.4	5.7	5.0	3.9	3.7	30	21	20	26	7.8	6.3	7.1
7	7.5	6.6	4.8	5.4	5.7	5.0	3.9	3.5	30	21	19	28	7.5	6.3	7.1
8	7.5	6.6	4.8	5.4	5.7	5.0	3.9	3.7	24	21	12	29	7.5	6.3	7.1
9	7.5	6.6	4.8	5.4	5.7	5.0	3.9	3.7	23	19	12	30	8.3	6.3	7.1
10	7.5	6.6	5.0	5.4	5.7	5.0	3.9	3.5	24	28	27	32	7.8	6.1	7.1
11	7.5	6.6	5.2	5.0	5.2	5.4	3.9	3.7	38	25	35	30	7.3	5.4	7.1
12	7.5	6.6	5.2	5.0	5.2	5.2	3.9	3.7	31	26	30	34	7.3	4.6	6.8
13	7.3	6.6	5.2	5.0	4.8	5.4	3.9	4.3	29	19	26	31	7.3	4.8	6.6
14	7.5	6.6	5.2	5.2	5.2	5.4	3.9	3.7	33	35	22	28	7.3	4.8	6.3
15	7.3	6.6	5.4	5.0	5.2	5.4	3.9	3.7	33	31	23	30	7.3	5.4	6.6
16	7.3	6.6	5.7	4.8	5.2	5.0	3.9	3.7	32	29	29	28	7.3	5.4	6.6
17	7.1	6.6	5.7	5.2	5.2	4.8	3.9	3.7	34	26	13	29	7.3	5.4	6.8
18	6.8	6.6	5.7	5.4	5.0	4.8	3.9	3.7	28	24	10	28	7.3	5.4	6.3
19	6.8	6.6	5.9	5.0	5.0	4.8	3.9	3.7	32	20	22	24	7.3	5.4	5.9
20	6.6	6.6	6.3	5.2	5.0	4.8	3.9	3.7	31	15	25	23	7.3	5.9	5.7
21	6.3	6.6	7.1	5.4	5.2	5.0	4.3	7.4	29	11	31	27	7.1	5.9	5.7
22	6.3	6.6	6.6	5.4	5.2	4.8	4.3	24	23	9.0	37	24	6.8	5.9	5.7
23	6.6	6.6	5.4	5.4	5.2	5.0	4.3	39	22	14	48	20	6.6	5.9	5.4
24	6.6	6.6	5.7	5.4	5.2	4.8	4.3	22	21	16	48	22	6.6	6.1	5.2
25	6.6	6.6	5.7	5.7	5.2	4.8	4.3	16	25	16	44	22	6.6	6.1	5.0
26	6.6	6.6	5.9	5.7	5.2	4.8	4.3	12	34	20	44	25	6.8	6.1	5.0
27	6.6	6.6	5.9	7.3	5.4	4.8	4.6	10	36	16	30	28	7.0	6.1	5.2
28	6.6	6.6	5.9	7.3	5.2	4.8	4.3	9.6	35	67	33	28	7.0	6.1	5.2
29	6.6	6.6	5.9	7.3	---	4.8	4.3	8.3	33	45	34	24	7.1	6.1	5.0
30	6.8	6.4	5.7	7.3	---	4.8	4.3	8.3	34	41	23	32	7.1	6.1	5.0
31	6.8	---	5.7	7.3	---	4.8	---	8.0	---	40	15	---	7.1	---	5.0
S.F.	225.6	197.8	175.8	174.6	153.6	155.2	123.1	239.6	842	799	874	783	236.7	177.6	191.8
Mean	7.3	6.6	5.7	5.6	5.5	5.0	4.1	7.7	28	26	28	26	7.6	5.9	6.2
Max.	12	6.6	7.1	7.3	7.3	5.4	4.8	39	38	67	48	34	13	7.1	7.1
Min.	6.3	6.4	5.0	4.8	4.8	4.8	3.9	3.5	10	9.0	10	13	6.6	4.6	5.0
A.F.	450	390	350	350	300	310	240	480	1670	1580	1730	1550	470	350	380
Total acre-feet 1982 Water Year 9400 A.F.															
Total acre-feet 1982 Calendar Year 9410 A.F.															

DAILY DIVERSIONS OF CANALS--1982
BEERLINE CANAL from North Platte River--Measured through rating
flume--NW¼NW¼ Sec. 24-19-49 R. near Broadwater
Period of Record: June, 1919 - September, 1922
July, 1924 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	5	0	7	5	9	2	1
2	5	0	6	6	8	2	0
3	2	0	8	8	6	2	0
4	0	0	8	8	14	2	0
5	0	0	7	8	15	3	0
6	0	0	8	8	11	4	0
7	0	0	6	8	10	4	0
8	0	0	5	8	10	4	0
9	0	0	4	10	12	4	0
10	0	0	3	10	7	4	0
11	0	0	1	10	5	4	0
12	0	0	5	10	6	5	0
13	0	0	11	10	6	6	0
14	0	0	8	12	8	8	0
15	0	0	6	12	12	10	0
16	0	0	5	15	11	6	0
17	0	0	3	20	10	3	0
18	0	0	3	21	9	3	0
19	0	0	2	14	8	3	0
20	0	0	1	6	11	3	0
21	0	0	1	5	13	2	0
22	0	0	2	12	10	2	0
23	0	0	2	10	5	2	0
24	0	0	3	10	4	1	0
25	0	0	4	9	4	1	0
26	0	0	5	10	4	1	0
27	0	0	4	14	3	1	0
28	0	0	3	15	3	1	0
29	0	7	4	16	2	1	0
30	0	9	5	12	2	1	0
31	0	8	-	10	1	-	0
S.F.	12	24	140	332	239	105	1
Mean	0	1	5	11	8	4	0
Max.	5	9	11	21	15	10	1
Min.	0	0	1	5	1	1	0
A.F.	20	50	280	660	470	210	0

Water Diverted 1982 Water Year 1690 A.F.
Water Diverted 1982 Calendar Year 1670 A.F.
Acreage reported D-887-2088

DAILY DIVERSIONS OF CANALS--1982

BEERLINE CANAL

Summary in Acre-feet--1982

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River...	20	50	280	660	470	210	1690
Storage.....	0	0	0	0	0	0	0
Totals.....	20	50	280	660	470	210	1690

Total water diverted 1690 A.F.
No storage ordered for 1982

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 BELMONT CANAL from Cedar Creek--Measured through rating
 flume--NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23-18-48 W. near Broadwater
 Period of Record: May, 1919 - July, 1919
 May, 1922 - September, 1923
 May, 1926 - September, 1927
 May, 1929 - September, 1943
 May, 1948 - September, 1952
 October, 1955 - September, 1964
 May, 1966 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	9	10	7	8
2	0	9	6	7	8
3	0	9	6	6	7
4	0	9	8	6	7
5	0	9	9	8	6
6	0	9	10	7	6
7	0	9	10	6	8
8	0	9	10	7	8
9	0	9	10	9	8
10	0	9	8	9	7
11	0	9	8	10	6
12	0	9	10	10	7
13	0	9	11	10	8
14	0	9	10	10	9
15	0	11	9	9	3
16	0	10	7	9	0
17	0	10	7	10	0
18	0	10	9	9	0
19	0	9	9	8	0
20	0	9	6	8	0
21	0	9	6	9	0
22	0	9	6	8	0
23	0	9	6	9	0
24	0	10	7	9	0
25	0	9	6	9	0
26	0	11	5	9	0
27	0	10	4	9	0
28	0	9	5	9	0
29	4	7	11	7	0
30	9	10	7	7	0
31	9	--	7	8	--
S.F.	22	278	243	258	106
Mean	1	9	8	8	4
Max.	9	11	11	10	9
Min.	0	7	4	6	0
A.F.	40	550	480	510	210

Water Diverted 1982 Water Year 1790 A.F.
 Water Diverted 1982 Calendar Year 1790 A.F.

DAILY DIVERSIONS OF CANALS--1982

BELMONT CANAL
 Summary in Acre-feet--1982

	Oct.	May	June	July	Aug.	Sept.	Oct.	Total
Diverted from:								
North Platte River.....	1070	2720	4730	6470	6860	5590	730	28270
Cedar Creek.....	0	40	550	430	510	210	0	1790
Total natural.....	1070	2760	5280	6950	7370	5800	730	29960
Total storage.....	0	0	0	200	730	0	0	930
Total diverted.....	1070	2760	5280	7150	8100	5800	730	30890

Storage orders - July 24-August 26 for 20 cfs

Water diverted 30890 A.F.
 Natural 29960 A.F.
 Storage 930 A.F.

DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER
 SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-18-48 W. October 1, 1981 through December 31, 1982
 Period of Record: January, 1922 - September, 1962
 May, 1965 - December, 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water/Calendar Year 1982, 33 Cubic Feet per Second at 1130 hours on May 19, 1982 at a Gage Height of 3.14 Feet. Minimum Daily Discharge, 1 Cubic Feet per Second on July 20-26, 1982.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	7	7	10	9	8	8	8	8	6	22	10	6	22	9	9
2	12	7	10	9	8	8	8	8	7	22	9	6	24	9	9
3	13	7	9	9	7	8	8	8	9	22	6	5	22	9	9
4	13	7	9	9	8	8	8	8	10	24	2	5	24	9	10
5	18	8	9	9	9	8	8	8	11	27	4	6	26	9	9
6	21	10	9	7	7	8	8	8	8	27	3	8	20	9	9
7	19	10	9	7	7	8	8	8	13	24	2	11	9	9	9
8	7	10	9	7	7	8	8	8	15	21	2	11	9	9	9
9	7	10	9	7	7	8	8	8	12	23	4	11	10	9	9
10	7	10	9	8	6	8	8	8	13	14	3	10	10	9	9
11	7	10	9	7	8	8	8	8	9	18	15	4	12	10	9
12	8	10	9	7	10	8	8	8	19	11	3	14	10	10	9
13	8	10	9	8	9	8	8	8	10	20	9	3	16	10	9
14	8	10	9	9	11	8	8	8	9	20	10	4	16	9	9
15	8	10	8	10	8	8	8	8	9	23	6	3	17	9	9
16	8	10	9	10	8	8	8	8	9	21	4	3	16	9	9
17	8	10	9	10	8	8	8	8	9	22	3	4	18	9	9
18	8	10	9	9	8	8	8	8	10	22	2	5	19	9	9
19	8	10	9	8	8	8	8	8	31	22	2	4	19	10	9
20	8	10	9	8	8	8	8	8	24	23	1	4	19	10	9
21	8	10	9	8	8	8	8	8	25	23	1	6	20	10	9
22	8	10	9	7	8	8	8	8	26	22	1	4	21	10	9
23	8	10	8	7	8	8	8	8	27	22	1	4	22	10	9
24	8	10	9	8	8	8	8	8	26	24	1	7	21	10	9
25	8	10	10	9	8	8	8	8	25	24	1	8	18	10	9
26	8	10	9	9	8	8	8	8	25	25	1	8	18	10	9
27	8	10	9	9	8	8	8	9	24	23	2	8	18	10	9
28	8	10	9	9	8	8	8	9	24	20	2	7	20	10	9
29	8	10	9	8	--	8	8	8	25	16	10	5	20	10	9
30	8	10	9	8	--	8	8	8	26	19	8	3	21	10	9
31	7	--	9	8	--	8	--	19	--	11	6	--	9	--	7
S.F.	290	286	280	257	224	248	480	532	328	148	444	380	272	269	
Mean	9	10	9	8	8	8	8	15	18	11	5	15	12	9	9
Max.	21	10	10	10	11	8	9	31	25	23	10	22	26	10	10
Min.	7	7	8	7	6	8	8	6	6	1	2	5	9	7	7
A.F.	580	570	550	510	440	490	480	950	1060	650	290	880	750	540	530

Total acre-feet 1982 Water Year 7450 A.F.
 Total acre-feet 1982 Calendar Year 7570 A.F.

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 LISCO CANAL from North Platte River--Measured
 over weir--NW¼NW¼ Sec. 24-18-47 W. near Lisco
 Period of Record: July, 1918 - October, 1927
 June, 1929 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	30	0	16	44	34	43	41
2	27	0	15	45	42	42	40
3	27	0	17	48	52	46	37
4	27	0	17	53	49	44	39
5	30	0	17	53	49	48	41
6	23	0	18	56	52	52	41
7	21	0	29	56	51	51	38
8	22	0	38	56	49	50	36
9	23	0	37	45	50	46	37
10	22	0	46	38	49	44	21
11	19	2	44	42	43	43	0
12	20	39	41	56	46	47	0
13	24	30	33	56	55	45	0
14	26	34	34	60	50	47	0
15	26	37	44	54	55	51	0
16	24	27	57	51	51	55	0
17	22	27	38	52	48	41	0
18	22	22	35	52	47	34	0
19	23	23	34	50	55	30	0
20	22	24	34	49	56	26	0
21	20	23	46	61	50	23	0
22	19	22	44	54	49	22	0
23	18	22	44	51	49	20	0
24	17	21	49	51	46	20	0
25	14	20	48	51	48	20	0
26	14	18	54	52	45	23	0
27	16	17	54	57	43	20	0
28	6	17	47	44	40	19	0
29	0	18	45	53	38	19	0
30	0	16	45	42	37	33	0
31	0	16	--	38	37	--	0
S.F.	604	475	1120	1570	1465	1104	371
Mean	19	15	37	51	47	37	12
Max.	30	39	57	61	56	55	41
Min.	0	0	15	38	34	19	0
A.F.	1200	940	2220	3110	2910	2190	740

Water Diverted 1982 Water Year 12570 A.F.
 Water Diverted 1982 Calendar Year 12110 A.F.
 Acreage reported D-787R-1314; D-856-1391; A-243R-783;
 A-991-216; A-4658-112; A-5572-98; Total-3914

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK
 NEAR LISCO--NE¼NE¼ Sec. 34-18-46 W.
 Period of Record: January, 1922 - September, 1942
 May, 1953 - September, 1957
 May, 1960 - September, 1982

Date	May	June	July	Aug.	Sept.
1	4	3	4	4	3
2	4	4	4	4	3
3	4	4	4	4	3
4	4	4	3	4	3
5	4	4	4	4	3
6	4	3	4	4	3
7	4	3	3	4	3
8	4	3	3	4	3
9	4	2	3	3	3
10	4	2	4	4	3
11	4	3	4	4	3
12	4	2	4	4	3
13	6	2	7	4	3
14	4	2	3	4	6
15	4	9	3	4	4
16	4	3	3	4	4
17	4	3	3	3	4
18	4	3	3	3	4
19	4	3	3	4	4
20	4	3	4	4	4
21	4	3	4	4	4
22	4	4	4	4	4
23	4	4	4	4	4
24	4	4	4	3	4
25	4	4	4	3	4
26	4	4	4	3	4
27	4	4	4	3	4
28	4	4	4	3	4
29	4	4	14	3	4
30	4	5	4	3	4
31	4	-	4	3	-
S.F.	126	105	127	113	109
Mean	4	4	4	4	4
Max.	6	9	14	4	6
Min.	4	2	3	3	3
A.F.	250	210	250	220	220

Total acre-feet (5 months) 1150 A.F.

DAILY DIVERSIONS OF CANALS--1982
 MIDLAND-OVERLAND CANAL from North Platte River--Measured
 through Parshall flume--NE¼SE¼ Sec. 2-16-44 W. near Oshkosh
 Period of Record: July, 1924 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	4	0	0	0	10	2	3
2	4	0	0	0	8	2	1
3	4	0	0	0	8	2	0
4	4	0	0	0	7	1	0
5	4	0	0	0	7	0	0
6	4	0	0	3	7	0	0
7	4	0	5	5	7	0	0
8	4	0	9	5	6	0	0
9	3	0	10	5	6	0	0
10	0	0	10	4	7	2	0
11	0	0	9	4	8	5	0
12	0	0	11	8	7	4	0
13	0	0	10	12	7	4	0
14	0	0	13	13	7	4	0
15	0	0	16	10	7	4	0
16	0	0	9	6	8	4	0
17	0	0	5	4	7	2	0
18	0	0	12	3	5	2	0
19	0	0	12	4	4	1	0
20	0	0	6	2	4	1	0
21	0	0	7	0	4	1	0
22	0	0	8	4	4	2	0
23	0	0	2	9	8	5	0
24	0	0	0	16	8	5	0
25	0	0	0	22	10	5	0
26	0	0	0	24	10	5	0
27	0	0	0	29	11	5	0
28	0	0	0	16	10	5	0
29	0	0	0	16	8	4	0
30	0	0	0	10	5	3	0
31	0	0	-	10	3	-	0
S.F.	35	0	154	244	218	80	4
Mean	1	0	5	8	7	3	0
Max.	4	0	16	29	11	5	3
Min.	0	0	0	0	3	0	0
A.F.	70	0	310	480	430	160	10

Water Diverted 1982 Water Year 1450 A.F.
 Water Diverted 1982 Calendar Year 1390 A.F.
 Acreage reported D-789-1000; D-791-1104; D-800 (A-1742
 O.D.)-154; Total-2258

DAILY DIVERSIONS OF CANALS--1982

LISCO CANAL
 Summary in Acre-feet--1982

	Oct.	May	June	July	Aug.	Sept.	Oct.	Total
Diverted from:								
North Platte River	1200	940	2220	3110	2910	2190	740	13310
Cold Water Creek...	0	0	0	0	0	0	0	0
Totals.....	1200	940	2220	3110	2910	2190	740	13310

Water diverted 13310 A.F.

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 PAISLEY CANAL from Blue Creek--Measured through 4-foot
 Parshall flume--SE $\frac{1}{4}$ NW $\frac{1}{4}$ 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, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	23	0	16	7	12	14	17
2	23	0	17	6	13	14	14
3	22	0	16	8	12	15	12
4	19	0	16	8	12	14	12
5	15	0	16	8	7	15	13
6	24	0	16	12	2	15	9
7	22	0	16	13	0	16	7
8	21	0	16	13	0	16	8
9	16	0	16	14	0	17	9
10	8	0	17	15	0	17	2
11	12	0	18	14	0	18	0
12	13	0	21	13	2	17	0
13	10	0	18	7	6	16	0
14	8	0	20	5	11	17	0
15	6	0	20	4	10	17	0
16	7	0	20	5	13	16	0
17	9	0	21	5	14	16	0
18	10	0	21	5	14	16	0
19	3	0	21	5	15	15	0
20	0	0	20	5	15	16	0
21	0	0	20	2	15	17	0
22	0	0	16	0	15	18	0
23	0	0	1	0	15	18	0
24	0	0	9	0	14	16	0
25	0	0	14	0	14	17	0
26	0	0	14	0	14	17	0
27	0	0	12	0	14	17	0
28	0	0	11	0	15	18	0
29	0	0	13	6	14	18	0
30	0	0	12	14	15	18	0
31	0	10	--	14	15	--	0
S.F.	271	10	484	208	318	491	103
Mean	9	0	16	7	10	16	3
Max.	24	10	21	15	15	18	17
Min.	0	0	1	0	0	14	0
A.F.	540	20	960	410	630	970	200

Water Diverted 1982 Water Year 3730 A.F.
 Water Diverted 1982 Calendar Year 3190 A.F.
 Acreage reported D-800-815; A-515-95; A-1738-176;
 Total-1086

CRESCENT LAKE STORAGE IN ACRE-FEET

Head of Blue Creek--NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 21-20-44W near Oshkosh.

October 1981 through December 1982

Period of Record:

October 1933-September 1934 and May 1948-September 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 28, 1981	952	-270
Oct. 22, 1981	1,150	+198
Dec. 7, 1981	1,249	+99
Feb. 25, 1982	1,429	+180
Aug. 23, 1982	1,078	-351
Sept. 27, 1982	808	-270
Change in Storage September 28, 1981 through September 27, 1982		-144

DAILY DIVERSIONS OF CANALS--1982
 BLUE CREEK CANAL from Blue Creek and Crescent Lake--Measured
 through 8-foot Parshall flume--SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-16-42 W. near Lewellen
 Period of Record: July, 1917 - September, 1919
 June, 1921 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	17	0	0	10	19	20	24
2	16	0	0	7	28	23	24
3	17	0	0	6	24	31	18
4	20	0	0	6	32	34	13
5	28	0	0	8	39	36	14
6	23	0	0	12	38	25	21
7	12	0	0	12	34	28	20
8	3	0	0	12	33	32	0
9	0	0	0	12	35	32	0
10	0	0	4	24	36	31	0
11	0	0	3	26	35	14	0
12	0	0	8	33	33	0	0
13	0	0	12	37	34	1	0
14	0	0	6	37	30	6	0
15	0	0	6	33	22	8	0
16	0	0	6	30	18	12	0
17	0	0	7	34	17	12	0
18	0	0	7	32	17	16	0
19	0	0	6	32	18	20	0
20	0	0	4	32	20	22	0
21	0	0	5	30	20	15	0
22	0	0	10	31	24	14	0
23	0	0	3	28	32	30	0
24	0	0	9	29	36	30	0
25	0	0	14	30	38	30	0
26	0	0	20	30	38	30	0
27	0	0	17	31	38	26	0
28	0	0	18	32	38	22	0
29	0	0	18	28	33	20	0
30	0	0	18	20	30	22	0
31	0	0	--	18	30	--	0
S.F.	136	0	201	742	919	642	134
Mean	4	0	7	24	30	21	4
Max.	28	0	20	37	39	36	24
Min.	0	0	0	6	17	0	0
A.F.	270	0	400	1470	1820	1270	270

Water Diverted 1982 Water Year 5230 A.F.
 Water Diverted 1982 Calendar Year 5230 A.F.
 Acreage reported D-785-2449; D-795-355; A-1154-30;
 Total-2834

DAILY DIVERSIONS OF CANALS--1982
 HOOPER CANAL from Blue Creek--Measured through
 3-foot Parshall flume--NE $\frac{1}{4}$ SW $\frac{1}{4}$ 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, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	14	0	4	2	12	7	13
2	10	0	0	1	11	6	10
3	13	0	0	0	14	7	9
4	16	0	1	0	16	12	9
5	8	0	5	0	15	12	6
6	14	0	6	0	12	6	5
7	14	0	5	0	13	0	1
8	7	0	5	7	12	0	0
9	6	0	4	8	13	3	0
10	6	0	3	7	14	10	0
11	4	0	5	7	12	4	0
12	4	0	5	10	12	1	0
13	5	0	7	14	12	1	0
14	6	0	5	14	14	0	0
15	6	0	5	13	13	0	0
16	7	0	5	11	12	0	0
17	7	0	5	10	11	0	0
18	6	0	6	11	12	3	0
19	5	0	5	11	12	5	0
20	0	0	5	13	14	6	0
21	0	0	5	13	14	4	0
22	0	0	5	12	10	5	0
23	0	0	8	11	8	10	0
24	0	0	11	12	4	12	0
25	0	0	13	12	2	12	0
26	0	0	16	15	4	12	0
27	0	0	15	14	7	11	0
28	0	0	15	14	6	10	0
29	0	0	9	17	8	10	0
30	0	0	3	12	11	12	0
31	0	3	--	12	10	--	0
S.F.	158	3	186	283	340	181	53
Mean	5	0	6	9	11	6	2
Max.	14	3	15	17	16	12	13
Min.	0	0	0	0	2	0	0
A.F.	310	10	370	560	670	360	110

Water Diverted 1982 Water Year 2280 A.F.
 Water Diverted 1982 Calendar Year 2080 A.F.
 Acreage reported D-781R (Pet. 410)-872

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 UNION CANAL from Blue Creek--Measured through
 Parshall flume--NW¼SW¼ Sec. 18-16-42 W. near Lewellen
 Period of Record: July, 1917 - October, 1919
 July, 1921 - September, 1927
 June, 1930 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	6	16
2	0	0	0	6	16
3	0	0	0	7	15
4	0	0	0	14	11
5	0	0	0	18	10
6	0	0	0	18	19
7	0	7	0	18	20
8	0	12	8	18	18
9	0	12	15	18	17
10	0	9	17	18	7
11	0	10	17	16	1
12	0	10	17	14	0
13	0	10	18	12	0
14	0	10	17	8	0
15	0	10	14	7	0
16	0	10	14	6	0
17	0	12	15	6	0
18	0	12	15	6	0
19	0	12	15	7	0
20	0	11	17	8	0
21	0	11	18	9	0
22	0	3	17	9	0
23	0	0	17	14	0
24	0	0	17	17	0
25	0	0	17	16	0
26	0	0	17	13	0
27	0	0	18	12	0
28	0	0	18	11	0
29	0	0	11	12	0
30	0	0	7	12	0
31	0	--	6	14	--
S. F.	0	161	362	370	150
Mean	0	5	12	12	5
Max.	0	12	18	18	20
Min.	0	0	0	5	0
A. F.	0	320	720	730	300

Water Diverted 1982 Water Year 2070 A.F.
 Water Diverted 1982 Calendar Year 2070 A.F.
 Acreage reported D-763-1306

DAILY DIVERSIONS OF CANALS--1982
 GRAF CANAL from Blue Creek--Measured through
 Parshall flume--SW¼SE¼ 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, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	8	0	0	3	9	9	8
2	4	0	0	3	10	9	8
3	0	0	0	3	9	9	9
4	0	0	0	2	5	7	3
5	0	0	0	2	2	2	0
6	0	0	0	1	5	5	0
7	0	0	0	1	11	9	0
8	0	0	0	7	12	7	0
9	0	0	0	12	11	7	0
10	0	0	0	10	11	7	0
11	0	0	0	9	11	10	0
12	0	0	0	6	9	8	0
13	0	0	0	5	10	8	0
14	0	0	0	11	9	7	0
15	0	0	3	14	8	2	0
16	0	0	6	16	8	0	0
17	0	0	5	14	8	0	0
18	0	0	6	13	7	0	0
19	0	0	5	11	9	0	0
20	0	0	5	8	12	0	0
21	0	0	7	8	12	0	0
22	0	0	9	12	10	2	0
23	0	0	10	14	10	8	0
24	0	0	8	12	9	12	0
25	0	0	7	12	9	12	0
26	0	0	8	11	10	11	0
27	0	0	8	10	8	12	0
28	0	0	7	12	8	11	0
29	0	0	6	7	7	8	0
30	0	0	5	0	7	8	0
31	0	0	--	2	8	--	0
S. F.	12	0	105	251	274	190	28
Mean	0	0	4	8	9	6	1
Max.	8	0	10	16	12	12	9
Min.	0	0	0	0	2	0	0
A. F.	20	0	210	500	540	380	60

Water Diverted 1982 Water Year 1650 A.F.
 Water Diverted 1982 Calendar Year 1690 A.F.
 Acreage reported D-763R-85; D-788-689; Total-774

DAILY DIVERSIONS OF CANALS--1982
 SUTHERLAND CANAL from North Platte River for Storage and Power
 Measured through concrete lined section of canal--NW¼NW¼ Sec. 7-14-37 W.
 Near Keystone. Period of Record: October, 1936 - December, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	387	315	711	754	594	611	411	445	527	419	1620	1210	0	0	890
2	288	380	722	752	566	488	442	448	543	433	1640	1210	0	0	910
3	215	504	737	747	476	515	393	453	549	429	1620	1210	0	0	903
4	163	619	685	749	416	522	410	462	532	426	1610	1230	0	68	895
5	124	745	730	737	430	522	417	470	505	434	1600	1250	0	229	897
6	48	838	733	744	430	518	416	474	516	469	1590	1250	0	342	892
7	6	885	720	750	432	518	428	567	495	443	1610	1250	0	470	895
8	0	924	725	750	457	519	438	610	501	484	1620	1250	0	558	895
9	0	957	723	735	513	520	434	592	502	506	1590	1250	0	611	890
10	0	968	732	759	586	520	438	555	526	590	1550	1240	0	651	892
11	0	946	732	754	651	516	443	544	706	582	1560	1240	0	675	899
12	0	946	735	749	658	505	455	566	809	611	1570	1260	0	629	901
13	0	892	740	744	624	490	452	622	789	715	1570	1230	0	645	901
14	0	870	747	733	624	515	456	614	823	793	1590	1220	0	656	899
15	0	894	737	725	659	519	441	629	894	951	1560	1220	0	648	881
16	0	883	747	735	698	523	478	638	894	1100	1560	1200	0	627	883
17	0	852	756	733	543	519	466	651	874	1200	1540	1150	0	740	888
18	0	861	750	718	445	513	464	654	796	1320	1460	1060	0	798	877
19	0	858	752	713	380	532	470	659	683	1400	1450	958	0	831	856
20	0	836	756	720	438	516	443	688	659	1510	1450	843	0	840	863
21	0	778	745	716	462	505	449	659	704	1540	1440	696	0	843	870
22	0	773	747	744	463	519	443	573	868	1550	1380	536	0	847	870
23	0	762	756	912	469	495	439	574	881	1640	1370	341	0	861	863
24	0	768	754	775	527	411	439	582	800	1710	1360	282	0	863	879
25	0	777	757	720	629	419	438	508	798	1740	1340	202	0	904	870
26	0	771	757	667	626	416	436	471	836	1770	1250	149	0	912	849
27	0	761	750	574	629	422	445	428	825	1730	1200	64	0	885	852
28	0	768	759	570	638	426	445	456	761	1660	1190	0	0	886	874
29	35	757	754	579	---	430	443	526	582	1680	1190	0	0	886	877
30	104	775	756	584	---	430	446	534	499	1660	1180	0	0	890	861
31	251	---	754	590	---	406	---	534	---	1640	1190	---	0	---	850
S. F.	1621	23653	22959	22232	15045	15280	13218	17191	20677	33135	45450	26001	0	18795	27322
Mean	52	788	741	717	537	493	441	555	689	1069	1466	867	0	626	881
Max.	387	958	759	912	698	611	478	688	894	1770	1640	1260	0	912	910
Min.	0	315	685	570	380	406	393	428	495	419	1180	0	0	0	849
A. F.	3220	46920	45540	44100	29840	30310	26220	34100	41010	65720	90150	51570	0	37280	54190

Water diverted 508700 1982 Water Year
 Water diverted 504490 1982 Calendar Year

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
KEITH-LINCOLN COUNTY CANAL from North Platte River--Measured
through Parshall flume--NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-14-36 W. near Paxton
Period of Record: June, 1918 - September, 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	23	26	43	95	85
2	0	21	22	43	95	90
3	0	39	25	78	97	90
4	0	39	26	79	95	84
5	0	53	23	80	92	75
6	0	39	23	76	91	75
7	0	34	15	79	92	74
8	0	35	25	95	86	74
9	0	36	22	96	89	74
10	0	36	19	92	90	72
11	0	36	13	92	96	69
12	0	36	0	99	99	63
13	0	14	0	97	90	63
14	0	0	0	100	85	62
15	0	27	0	101	77	63
16	0	36	0	101	89	62
17	0	36	0	101	84	61
18	0	36	0	101	81	63
19	0	25	0	100	79	57
20	0	26	0	101	82	53
21	9	26	0	109	82	53
22	2	25	0	107	81	52
23	22	25	0	108	85	50
24	22	26	0	117	87	56
25	22	26	0	111	82	49
26	21	26	0	116	81	43
27	21	26	0	117	82	42
28	22	26	27	105	80	21
29	23	24	53	104	80	0
30	23	26	52	105	83	0
31	--	25	--	104	82	--
S.F.	187	908	371	2957	2689	1775
Mean	6	29	12	95	87	59
Max.	23	53	53	117	99	90
Min.	0	0	0	43	77	0
A.F.	370	1800	740	5870	5330	3520
Water Diverted 1982 Water Year 17630 A.F.						
Water Diverted 1982 Calendar Year 17630 A.F.						
Acreage reported D-722-5528						

DAILY DIVERSIONS OF CANALS--1982
SHERIDAN-WILSON CANAL from Sarben Slough--Measured in
section of slough--SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20-14-35 W. near Paxton
Period of record: October, 1937 - September, 1943
May, 1945 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	0.5	3
2	0	0	0	.5	2
3	0	0	0	.5	2
4	0	0	0	.5	2
5	0	0	0	.5	1
6	0	0	0	.5	1
7	0	0	0	.5	0
8	0	0	0	.5	0
9	0	0	0	.5	0
10	0	0	0	.5	0
11	0	0	0	.5	0
12	0	0	0	.5	0
13	0	0	0	1	0
14	0	0	0	1	0
15	0	0	0	1	0
16	0	0	0	2	0
17	0	0	0	2	0
18	0	0	0	2	0
19	0	0	0	2	0
20	0	0	0	3	0
21	0	0	0	3	0
22	0	0	0	3	0
23	0	0	0	3	0
24	0	0	0	3	0
25	0	0	0	3	0
26	0	0	0	3	0
27	0	0	0	3	0
28	0	0	0	3	0
29	0	0	0	3	0
30	0	0	0	3	0
31	0	--	0	3	--
S.F.	0	0	0	53	11
Mean	0	0	0	2	0
Max.	0	0	0	3	3
Min.	0	0	0	0.5	0
A.F.	0	0	0	110	20
Water Diverted 1982 Water Year 130 A.F.					
Water Diverted 1982 Calendar Year 130 A.F.					

DAILY DIVERSIONS OF CANALS--1982
NORTH PLATTE CANAL from North Platte River--Measured through
15-foot Parshall flume--NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-14-35 W. near Sutherland
Period of Record: June, 1918 - October, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	74	0	65	92	122	257	225	2
2	31	0	63	100	133	278	227	0
3	0	0	63	101	166	285	244	0
4	0	0	62	97	221	309	213	0
5	0	0	70	98	282	307	195	0
6	0	0	71	99	300	304	191	0
7	0	0	69	99	314	283	186	0
8	0	0	67	99	311	268	174	0
9	0	0	65	99	288	235	166	0
10	0	0	64	100	163	203	156	0
11	0	0	72	103	191	204	142	0
12	0	0	96	108	204	203	92	0
13	0	0	97	108	273	200	75	0
14	0	38	58	62	307	177	75	0
15	0	73	56	0	316	166	74	0
16	0	80	54	0	295	178	76	0
17	0	71	82	0	276	188	77	0
18	0	68	100	0	280	181	77	0
19	0	66	97	0	309	175	77	0
20	0	66	98	0	311	175	77	0
21	0	66	97	0	314	171	77	0
22	0	65	93	0	311	166	77	0
23	0	64	90	0	283	163	77	0
24	0	64	98	0	273	189	76	0
25	0	64	94	30	263	200	75	0
26	0	64	90	82	258	219	75	0
27	0	67	86	92	262	255	75	0
28	0	70	96	111	253	257	72	0
29	0	68	92	114	241	257	58	0
30	0	67	93	120	230	257	7	0
31	0	--	93	--	236	241	--	0
S.F.	105	1121	2491	1914	7986	6951	3480	2
Mean	3	37	80	64	258	224	116	0
Max.	74	80	100	120	316	309	244	2
Min.	0	0	54	0	122	163	7	0
A.F.	210	2220	4940	3800	15840	13790	6920	0
Water Diverted 1982 Water Year 47720 A.F.								
Water Diverted 1982 Calendar Year 47510 A.F.								
Acreage reported D-635-14122								

DAILY DIVERSIONS OF CANALS--1982
PAXTON-HERSHEY CANAL from North Platte River--Measured through
Parshall flume--SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-14-33 W. near Sutherland
Period of Record: May, 1916 - August, 1916
June, 1918 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	27	0	9	34	93	89	9
2	33	0	29	20	107	86	0
3	42	0	31	33	117	81	0
4	45	0	28	51	119	79	0
5	36	0	30	61	121	71	0
6	20	0	31	66	119	68	0
7	9	0	22	64	117	71	0
8	0	0	23	86	104	76	0
9	0	0	21	80	103	74	0
10	0	0	23	58	104	73	0
11	0	0	25	56	97	71	0
12	0	0	35	68	89	69	0
13	0	0	32	70	85	56	0
14	0	0	22	90	75	53	0
15	0	0	28	101	79	53	0
16	0	0	38	106	82	49	0
17	0	0	34	97	83	44	0
18	0	0	39	99	79	48	0
19	0	13	33	106	72	48	0
20	0	19	26	109	67	48	0
21	0	10	24	113	64	43	0
22	0	8	37	102	71	33	0
23	0	6	33	108	75	37	0
24	0	21	38	108	79	38	0
25	0	6	20	105	80	34	0
26	0	0	38	110	88	35	0
27	0	0	38	119	96	36	0
28	0	6	35	117	97	31	0
29	0	13	33	109	96	36	0
30	0	16	36	91	95	26	0
31	0	13	--	84	90	--	0
S.F.	212	131	891	2621	2843	1656	9
Mean	7	4	30	85	92	55	0
Max.	45	21	39	119	121	89	9
Min.	0	0	9	20	64	26	0
A.F.	420	260	1770	5200	5640	3280	20
Water Diverted 1982 Water Year 16570 A.F.							
Water Diverted 1982 Calendar Year 16170 A.F.							
Acreage reported D-653-7323							

NORTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 BIRDWOOD CANAL from Birdwood Creek--Measured through
 8-foot Parshall flume--SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-15-33 W. near Hershey
 Period of Record: May, 1921 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	7	0	10	18	28	30	15
2	7	0	15	17	8	33	12
3	8	0	15	16	0	32	11
4	11	0	14	14	0	34	11
5	24	0	14	14	5	23	12
6	25	0	15	15	23	20	11
7	26	0	13	14	26	22	9
8	22	0	15	15	26	24	12
9	24	0	16	15	30	24	17
10	24	5	15	9	33	28	13
11	25	9	16	10	30	30	9
12	9	10	17	12	31	34	9
13	0	12	17	17	28	34	6
14	0	0	17	28	18	23	0
15	0	0	17	27	21	14	0
16	0	5	16	27	31	14	0
17	0	15	16	29	21	15	0
18	0	15	16	34	25	14	0
19	0	13	16	34	25	14	0
20	0	6	17	36	29	12	0
21	0	4	18	36	31	10	0
22	0	11	19	28	23	10	0
23	0	14	17	16	19	9	0
24	0	15	10	16	23	8	0
25	0	6	9	19	25	8	0
26	0	10	9	20	25	8	0
27	0	10	10	23	25	9	0
28	0	11	12	26	26	9	0
29	0	13	16	30	26	9	0
30	0	13	22	29	26	9	0
31	0	11	--	29	28	--	0
S.F.	212	208	449	673	715	563	147
Mean	7	7	15	22	23	19	5
Max.	26	15	22	36	33	34	17
Min.	0	0	9	9	0	8	0
A.F.	420	410	890	1330	1420	1120	290

Water Diverted 1982 Water Year 5590 A.F.
 Water Diverted 1982 Calendar Year 5460 A.F.
 Acreage reported D-646-5308

DAILY DIVERSIONS OF CANALS--1982
 SUBURBAN CANAL from North Platte River--Measured through
 rating flume--NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-14-33 W. near Hershey
 Period of Record: August, 1919 - September, 1919
 July, 1921 - September, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	65	0	36	49	59	87	76
2	64	0	13	48	51	25	75
3	64	0	66	48	35	11	75
4	63	0	67	51	67	96	71
5	63	0	67	58	70	82	69
6	30	0	53	58	75	78	69
7	0	0	0	58	86	78	69
8	0	0	0	58	92	82	68
9	0	0	0	58	100	80	69
10	0	0	0	55	37	81	69
11	0	0	0	54	72	76	69
12	0	0	9	53	71	75	70
13	0	0	55	54	73	79	71
14	0	4	56	54	80	78	72
15	0	8	55	23	73	78	72
16	0	10	54	6	33	77	72
17	0	11	54	6	78	78	72
18	0	26	54	6	87	77	65
19	0	29	56	6	108	66	50
20	0	16	58	8	121	59	50
21	0	0	58	8	125	51	47
22	0	0	58	8	125	58	45
23	0	0	58	7	123	76	45
24	0	0	57	7	111	75	45
25	0	0	56	11	106	75	45
26	0	0	56	49	93	74	45
27	0	0	56	48	88	75	44
28	0	14	54	49	93	75	42
29	0	58	54	59	90	83	24
30	0	59	53	60	88	87	0
31	0	--	51	--	87	80	-
S.F.	349	235	1364	1117	2597	2252	1755
Mean	11	8	44	37	84	73	58
Max.	65	59	67	60	125	96	76
Min.	0	0	0	6	33	11	0
A.F.	690	470	2710	2220	5150	4470	3480

Water Diverted 1982 Water Year 19190 A.F.
 Water Diverted 1982 Calendar Year 18500 A.F.
 Acreage reported D-662-5428

DAILY DIVERSIONS OF CANALS--1982
 CODY-DILLON CANAL from North Platte River--Measured over
 weir--SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-14-31 W. near North Platte
 Period of Record: August, 1919 - September, 1919
 May, 1921 - September, 1982

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	0	7	37	4
2	1	0	0	6	37	7
3	1	0	0	2	37	10
4	1	0	0	1	35	16
5	2	0	0	0	36	21
6	4	0	0	2	38	22
7	7	0	0	5	41	19
8	0	0	0	10	43	19
9	0	0	0	14	44	18
10	0	0	0	11	41	17
11	0	0	0	10	38	15
12	0	0	0	10	35	18
13	0	0	0	12	35	18
14	0	0	0	15	30	16
15	0	0	0	21	25	16
16	0	0	0	25	25	14
17	0	0	0	25	13	11
18	0	0	0	26	12	14
19	0	0	0	30	16	15
20	0	0	0	33	17	16
21	0	0	0	35	17	19
22	0	0	0	34	16	20
23	0	0	0	32	17	22
24	0	0	0	31	7	24
25	0	0	0	35	4	24
26	0	0	0	37	2	24
27	0	0	0	39	4	27
28	0	0	3	39	5	24
29	0	0	5	39	12	15
30	0	0	5	37	8	4
31	0	0	--	36	4	--
S.F.	17	0	13	659	731	509
Mean	1	0	0	21	24	17
Max.	7	0	5	39	44	27
Min.	0	0	0	0	2	4
A.F.	30	0	30	1310	1450	1010

Water Diverted 1982 Water Year 3830 A.F.
 Water Diverted 1982 Calendar Year 3800 A.F.
 Acreage reported D-649-4782

NORTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF LINCOLN COUNTY DRAIN NO. 1 NEAR NORTH PLATTE
 NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-14-30 W. October 1, 1981 through December 31, 1982
 Period of Record: March 1931 - September, 1932
 April, 1955 - December, 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water/Calendar Year 1982, 187 Cubic Feet per Second at 1500 hours on August, 1982 at a Gage Height of 2.31 Feet. Minimum Daily Discharge, 10 Cubic Feet per Second on January 10, 1982.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	93	42	30	26	26	24	20	46	65	78	129	92	68	41	34
2	91	42	32	27	26	24	21	44	70	72	118	80	63	40	34
3	74	42	33	26	24	24	21	42	72	50	100	86	61	39	34
4	70	42	33	26	24	24	21	38	70	41	112	114	60	38	34
5	69	41	33	26	24	24	21	38	69	47	138	125	59	38	34
6	68	41	33	25	24	25	21	44	69	36	124	125	56	39	34
7	65	39	33	22	26	23	20	32	67	42	113	128	55	39	32
8	64	38	33	26	27	24	20	29	67	49	108	132	55	39	32
9	63	38	33	26	24	22	20	32	65	52	137	135	55	39	32
10	64	38	33	18	24	23	20	33	65	98	126	138	52	39	32
11	64	38	33	22	24	22	20	32	68	102	132	137	52	39	31
12	64	38	33	26	24	22	19	37	70	86	143	134	51	39	31
13	60	38	33	25	24	23	19	58	72	85	157	129	50	39	32
14	59	38	32	24	24	22	24	46	90	67	178	129	50	39	31
15	57	36	32	24	24	23	46	41	78	76	167	126	48	39	31
16	56	36	30	20	24	23	56	39	57	89	156	129	48	39	31
17	55	36	30	24	24	23	58	41	55	72	149	124	47	35	31
18	53	36	30	25	24	22	56	55	52	71	142	107	47	35	30
19	52	36	30	26	24	22	53	50	50	74	143	100	45	35	30
20	49	36	30	25	24	22	54	54	48	74	134	95	44	35	30
21	48	36	30	25	24	22	54	61	47	74	135	95	44	35	30
22	47	36	28	24	24	22	52	63	45	69	135	96	44	35	30
23	46	36	28	20	24	22	48	58	45	69	132	99	43	34	29
24	46	36	28	20	24	22	46	66	44	74	99	99	43	34	29
25	46	36	28	26	24	23	45	66	43	90	84	99	43	34	26
26	46	35	29	26	26	22	43	65	50	102	78	98	42	34	28
27	44	35	28	27	25	22	52	63	80	102	83	98	42	34	26
28	43	35	28	26	25	22	59	66	74	110	98	95	42	35	24
29	42	35	28	26	--	23	54	67	75	135	99	92	42	34	25
30	42	34	28	26	--	23	53	68	76	125	94	80	41	34	27
31	42	--	28	26	--	23	--	68	--	118	100	--	41	--	27
S.F.	1782	1125	950	761	685	707	1116	1541	1898	2429	3843	3316	1533	1108	941
Mean	57	38	31	25	24	23	37	50	63	78	124	111	49	37	30
Max.	93	42	33	27	27	24	59	68	90	135	178	138	68	41	34
Min.	42	34	28	18	24	22	19	28	43	36	78	80	41	34	24
A.F.	3530	2230	1880	1510	1360	1400	2210	3060	3760	4820	7620	6580	3040	2200	1870
Total acre-feet 1982 Water Year	39960 A.F.														
Total acre-feet 1982 Calendar Year	39430 A.F.														

SOUTH PLATTE RIVER BASIN

OLIVER RESERVOIR STORAGE IN ACRE-FEET

From Lodgepole Creek--SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 36-15-57W near Kimball.

October 1981 through December 1982
 Period of Record: February 1933-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Oct. 26, 1981	2,272	-220
Nov. 9, 1981	2,272	0
Nov. 19, 1981	2,266	-6
Dec. 2, 1981	2,308	+42
Dec. 11, 1981	2,337	+29
Dec. 28, 1981	2,347	+10
Feb. 9, 1982	2,502	+155
Mar. 29, 1982	2,662	+160
May 25, 1982	2,678	+16
June 28, 1982	2,689	+11
July 16, 1982	2,614	-75
July 23, 1982	2,507	-107
Aug. 2, 1982	2,443	-64
Aug. 13, 1982	2,352	-91
Sept. 2, 1982	2,259	-93
Sept. 23, 1982	2,200	-59
Sept. 30, 1982	2,190	-10
Oct. 13, 1982	2,225	+35
Nov. 2, 1982	2,279	+54
Nov. 18, 1982	2,361	+82
Dec. 15, 1982	2,477	+116
Change in Storage October 26, 1981 through December 15, 1982		+205

DISCHARGE IN SECOND- FEET OF LODGEPOLE CREEK BELOW OLIVER RESERVOIR NEAR KIMBALL
 NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-15-57 W.--October 1, 1981 through December 31, 1982
 Period of Record: May, 1981 - December 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water/Calendar Year 1982, 9.1 Cubic Feet per Second at 1515 hours on April 12, 1982 at a Gage Height of 0.98 Feet. Minimum Daily Discharge, 0.27 Cubic Feet per Second on March 21, 22, 24-26, 1982.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.41	0.41	0.46	0.46	0.46	0.41	0.46	0.69	0.75	4.2	1.7	1.0	0.52	0.46	0.52
2	.41	.41	.46	.46	.46	.41	2.7	.69	.88	3.7	1.8	.88	.52	.46	.52
3	.41	.41	.46	.46	.46	.36	1.0	.82	1.1	2.8	1.8	.75	.52	.46	.52
4	.41	.41	.46	.41	.46	.36	.46	1.1	1.2	2.4	1.8	.75	.52	.46	.52
5	.46	.41	.46	.41	.46	.36	.58	.82	1.1	1.6	1.8	.82	.52	.46	.52
6	.41	.41	.46	.36	.46	.36	.46	.75	2.9	1.6	1.8	.88	.52	.46	.52
7	.41	.41	.46	.36	.41	.41	.63	.75	.75	1.1	1.7	.88	.52	.52	.46
8	.41	.41	.46	.36	.41	.36	1.0	.58	1.0	.75	1.6	.95	.52	.52	.46
9	.41	.41	.46	.36	.41	1.1	.82	.52	.77	.75	1.6	.95	.52	.52	.46
10	.41	.41	.46	.36	.41	1.2	.88	.52	.69	.82	1.4	.95	.41	.52	.46
11	.41	.41	.46	.36	.41	.41	1.1	.52	.69	.75	1.3	.95	.41	.58	.46
12	.41	.41	.41	.36	.36	1.9	3.4	.46	.69	.88	1.3	1.1	.41	.52	.46
13	.41	.41	.41	.41	.36	.46	.52	.69	.69	.88	1.4	1.1	.41	.52	.46
14	.41	.41	.41	.41	.36	.36	.46	1.9	.58	.88	1.2	1.1	.41	.52	.41
15	.41	.41	.41	.46	.36	.41	.52	1.2	.52	.88	1.2	1.1	.41	.52	.41
16	.41	.41	.41	.46	.41	.46	1.2	.95	.52	2.2	1.2	1.1	.41	.52	.41
17	.41	.41	.41	.46	.41	.46	.52	.69	.52	3.7	1.2	1.1	.46	.52	.41
18	.41	.38	.41	.46	.41	.31	1.2	.69	.52	3.8	1.3	1.1	.46	.52	.52
19	.41	.36	.41	.46	.41	1.3	1.6	.69	.52	3.8	1.4	1.1	.46	.52	.58
20	.41	.41	.41	.46	.46	.75	.50	.63	.52	3.8	1.4	1.0	.46	.52	.52
21	.41	.41	.41	.46	.46	.27	.46	.46	.58	3.7	1.3	.95	.46	.52	.46
22	.41	.41	.41	.46	.41	.27	.46	.46	.58	3.7	1.2	.88	.46	.52	.52
23	.41	.41	.41	.46	.41	.69	.41	.63	.58	2.7	1.2	.75	.46	.52	.52
24	.41	.41	.41	.46	.41	.27	.41	.69	.58	1.7	1.2	.52	.41	.52	.75
25	.41	.41	.41	.46	.41	.27	.41	.69	.69	1.7	1.2	.52	.46	.52	1.9
26	.41	.41	.41	.46	.41	.27	.46	.63	1.2	1.7	1.3	.52	.46	.52	.69
27	.41	.41	.41	.46	.41	.41	.52	.69	5.1	1.7	1.3	.52	.46	.52	.69
28	.41	.41	.41	.46	.41	.41	.63	.75	5.5	1.8	1.2	.52	.46	.52	1.1
29	.41	.46	.46	.46	---	1.4	1.1	.82	4.8	2.0	1.1	.52	.46	.52	.58
30	.41	.46	.46	.46	---	2.3	.69	.82	4.0	1.8	1.1	.52	.46	.52	.52
31	.41	---	.46	.46	---	.46	---	.75	---	1.8	1.1	.52	.46	---	.52
S. F.	12.76	12.32	13.41	13.36	11.68	19.17	25.56	23.05	40.52	65.59	43.1	25.78	14.40	15.30	17.85
Mean	.41	.41	.43	.43	.42	.62	.85	.74	1.4	2.1	1.4	.86	.46	.51	.58
Max.	.46	.46	.46	.46	.46	2.3	3.4	1.9	5.5	4.2	1.8	1.1	.52	.52	1.9
Min.	.41	.36	.41	.36	.36	.27	.41	.46	.52	.75	1.1	.52	.41	.46	.41
A. F.	30	20	30	30	20	40	50	50	80	130	90	50	30	30	40

Total acre-feet 1982 Water Year 620 A.F.
 Total acre-feet 1982 Calendar Year 640 A.F.

SOUTH PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 WESTERN CANAL from South Platte River--Measured in section
 of canal--NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-12-43 W. near Julesburg, CO
 Period of Record: May, 1918 - October, 1982

Date	Oct.	Nov.	May	June	July	Aug.	Sept.	Oct.
1	52	21	0	43	185	71	45	47
2	59	8	0	71	215	63	47	52
3	149	0	0	82	230	82	43	52
4	149	0	0	74	264	96	41	52
5	71	0	0	52	307	61	43	54
6	88	0	0	45	315	45	54	54
7	103	0	2	41	307	52	50	52
8	96	0	4	41	223	43	43	47
9	159	0	4	47	142	43	41	47
10	227	0	4	43	59	45	41	47
11	189	0	35	47	14	43	45	40
12	177	0	68	46	0	41	74	38
13	142	0	99	36	26	40	96	38
14	88	0	82	93	119	45	103	41
15	82	0	68	47	112	79	66	45
16	116	0	63	50	96	146	59	54
17	112	0	63	54	88	88	54	45
18	82	0	71	38	74	126	56	40
19	66	0	90	34	71	146	68	16
20	63	0	40	21	71	142	79	0
21	61	0	30	20	61	85	74	0
22	54	0	52	82	56	68	61	0
23	54	0	54	106	52	63	56	0
24	59	0	52	43	50	54	54	0
25	59	0	54	52	45	56	54	0
26	40	0	56	55	47	52	45	0
27	27	0	52	0	59	50	56	0
28	29	0	52	0	139	50	68	0
29	32	0	50	0	142	47	56	0
30	29	0	47	49	126	52	47	0
31	22	--	45	--	103	85	--	0
S. F.	2736	29	1237	1412	3798	2159	1719	861
Mean	88	1	40	47	123	70	57	28
Max.	227	21	99	106	315	146	103	54
Min.	22	0	0	0	0	40	41	0
A. F.	5430	60	2450	2800	7530	4280	3410	1710

Water diverted 1982 Water Year 25960 A.F.
 Water diverted 1982 Calendar Year 22180 A.F.
 Acreage reported A-393-11145; A-1804-800; A-4739-498;
 Total-12443

DAILY DIVERSIONS OF CANALS--1982
 SUTHERLAND (KORTY) CANAL for Power from South Platte River
 Measured through 25-foot Parshall flume--SE $\frac{1}{4}$ Sec. 8-13-36 W.
 Near Paxton. Period of Record: October, 1947 - December, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	74	118	166	481	317	122	98	98	432	0	0	172	187	405
2	0	89	118	199	437	305	118	98	132	556	0	0	158	197	394
3	0	104	175	216	399	274	120	94	142	722	0	0	151	205	407
4	0	95	170	230	299	342	115	95	151	752	0	0	148	181	413
5	0	90	173	214	219	339	122	153	172	880	0	0	149	226	437
6	0	88	189	249	135	287	129	132	212	939	0	0	155	222	459
7	0	89	187	218	148	327	136	107	191	994	0	0	151	222	480
8	0	89	187	149	149	308	141	94	203	978	0	0	158	226	418
9	0	88	195	117	160	294	139	90	197	950	0	0	158	218	387
10	0	88	197	90	185	301	139	70	185	520	0	0	155	238	556
11	0	83	201	100	197	296	132	72	183	405	0	0	148	274	664
12	41	88	203	110	214	285	134	76	157	317	0	0	142	303	661
13	69	86	209	118	232	272	125	164	148	296	0	0	132	296	838
14	69	86	201	132	269	249	112	130	136	127	0	0	127	287	958
15	23	88	216	127	327	228	124	155	303	50	0	0	124	274	922
16	0	88	144	148	429	207	141	157	424	44	0	0	132	285	955
17	0	86	112	160	610	193	144	149	387	12	0	0	141	280	936
18	0	86	139	168	647	181	134	144	424	0	0	162	142	278	984
19	0	88	113	193	667	177	125	129	364	0	0	258	132	269	971
20	0	84	118	214	667	166	120	191	303	0	0	400	122	280	990
21	0	90	189	230	564	153	113	234	276	30	0	498	118	272	982
22	0	90	263	242	459	158	122	175	230	30	0	486	113	272	1058
23	43	90	203	230	424	136	104	148	218	0	0	432	112	195	1025
24	69	90	122	173	394	137	98	158	263	0	0	339	112	185	891
25	74	92	110	175	374	144	100	137	191	0	0	285	112	185	410
26	80	89	86	212	356	141	98	124	207	0	0	247	112	242	305
27	82	88	136	256	354	134	104	102	296	0	0	205	112	263	379
28	73	90	173	292	336	139	117	107	242	0	0	183	113	317	322
29	72	90	158	346	---	136	117	106	218	0	0	179	113	332	232
30	72	102	149	421	---	139	92	104	346	0	0	162	129	402	166
31	72	---	129	492	---	124	---	100	---	0	0	---	162	---	157
S. F.	839	2673	5083	6387	10132	6889	3637	3893	6999	9034	0	3836	4205	7613	19162
Mean	27	89	164	206	362	222	121	126	233	291	0	128	136	254	618
Max.	82	104	216	492	667	342	144	234	424	994	0	498	172	402	1058
Min.	0	74	86	90	135	124	92	70	98	0	0	0	112	181	157
A. F.	1660	5300	10080	12670	20100	13660	7210	7720	13880	17920	0	7610	8340	15100	38010

Water diverted 1982 Water Year 117810 A.F.
 Water diverted 1982 Calendar Year 162220 A.F.

SOUTH PLATTE RIVER BASIN

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--NE¼, Township 13 North, Ranges 30 and 33W near Sutherland.

October 1981 through December 1982
 Period of Record: October 1936-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	58,240	+13,750
Oct. 31, 1981	47,560	-10,680
Nov. 30, 1981	59,540	+11,980
Dec. 31, 1981	56,250	-3,290
Jan. 31, 1982	54,060	-2,190
Feb. 28, 1982	48,880	-5,180
Mar. 31, 1982	45,960	-2,920
Apr. 30, 1982	47,880	+1,920
May 31, 1982	59,450	+11,570
June 30, 1982	74,420	+14,970
July 31, 1982	66,400	-8,020
Aug. 31, 1982	57,230	-9,170
Sept. 30, 1982	67,520	+10,290
Oct. 31, 1982	47,740	-19,780
Nov. 30, 1982	41,040	-6,700
Dec. 31, 1982	43,660	+2,620
Change in Storage September 30, 1981 through December 31, 1982		-14,580

DAILY DIVERSIONS OF CANALS--1982
 SUTHERLAND POWER RETURN to the South Platte River at North Platte
 Measured through power wheels--NE¼ Sec. 21-13-30 W. near North Platte
 October 1981 through December 1982
 Period of Record: October, 1939 - December, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	30	0	690	815	880	890	365	375	190	910	1495	1310	345	200	875
2	30	0	685	795	740	800	335	400	255	1000	1550	1210	345	80	875
3	30	10	740	785	720	710	350	385	255	1000	1470	1110	345	80	845
4	30	5	735	815	735	735	355	385	260	1000	1440	1020	345	80	845
5	30	0	755	835	735	800	380	390	255	1000	1430	960	345	80	840
6	30	0	755	810	735	800	360	390	225	1000	1550	945	350	695	845
7	30	0	755	815	795	800	350	390	165	1000	1555	980	350	680	900
8	30	0	755	785	880	800	360	390	170	1000	1555	855	350	685	875
9	230	365	755	755	880	800	325	390	190	1000	1165	780	350	690	880
10	230	365	780	815	880	800	350	375	190	1000	1095	650	350	680	875
11	230	540	840	835	880	800	350	390	330	1000	1250	600	350	755	875
12	205	545	840	815	880	740	335	360	415	1000	1430	555	570	750	870
13	250	610	840	815	880	740	375	370	410	1000	1550	550	670	800	870
14	30	660	840	755	880	750	410	380	495	915	1350	485	670	845	1075
15	30	645	835	785	880	745	390	335	410	950	1300	490	800	895	1225
16	30	645	780	815	880	665	380	350	360	1000	1250	480	80	965	1435
17	30	660	805	815	880	665	390	375	360	1000	1250	410	370	970	1435
18	30	645	820	815	885	610	330	370	440	1000	1250	560	440	1065	1515
19	30	660	815	815	885	600	420	385	445	1000	1380	610	80	1055	1515
20	30	650	815	815	890	590	390	290	385	1095	1555	625	80	1050	1605
21	30	645	810	760	885	580	395	135	415	1260	1530	630	210	1055	1575
22	180	660	815	760	885	595	395	160	460	1430	1550	485	350	1045	1535
23	310	690	815	765	885	520	395	165	455	1545	1480	390	345	1050	1585
24	30	655	815	755	885	440	395	160	515	1630	1310	475	350	1055	1565
25	195	650	815	755	885	400	395	190	550	1775	1370	480	285	950	1565
26	195	660	815	755	885	395	365	190	660	1815	1250	380	0	955	1435
27	30	645	815	815	885	395	380	195	665	1555	1250	425	0	970	1570
28	30	615	815	825	885	390	385	190	690	1435	1180	410	0	960	1565
29	30	645	815	900	---	390	375	190	865	1345	1180	345	0	880	1535
30	30	645	815	900	---	385	370	190	895	1315	1180	355	325	900	1575
31	30	---	810	900	---	380	---	190	---	1315	1250	---	225	---	1240
S.F.	2685	13515	24590	24995	23880	19710	11150	9430	12375	36290	42400	19460	9675	22920	37820
Mean	87	450	793	806	853	636	372	304	412	1171	1368	649	312	764	1220
Max.	310	690	840	900	890	890	420	400	895	1815	1555	1310	800	1065	1605
Min.	30	0	685	755	720	380	325	135	165	910	1095	345	0	80	840
A.F.	5330	26810	48770	49580	47370	39090	22120	18700	24550	71980	84100	38600	19190	45460	75010
Water returned 477000 A.F. 1982 Water Year															
Water returned 535750 A.F. 1982 Calendar Year															

SOUTH PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH
 AT NORTH PLATTE--MW Sec. 16-13-30 W.
 Period of Record: October, 1947 - September, 1961
 May, 1963 - September, 1965
 May, 1967 - September, 1982

Date	May	June	July	Aug.	Sept.
1	24	32	25	14	12
2	24	41	24	14	12
3	24	42	22	14	13
4	23	38	22	14	12
5	30	35	19	16	14
6	28	32	19	16	14
7	26	27	19	16	14
8	24	27	18	16	14
9	23	26	19	16	14
10	23	25	34	16	14
11	22	24	25	16	14
12	23	36	24	17	14
13	28	31	22	17	16
14	63	29	20	18	17
15	56	66	19	17	17
16	43	40	17	17	16
17	33	32	16	17	17
18	31	31	17	17	17
19	29	29	16	16	17
20	36	27	17	16	17
21	33	26	16	16	17
22	31	26	17	15	17
23	29	27	17	15	16
24	175	25	16	15	16
25	127	24	15	14	16
26	120	24	14	13	16
27	38	26	14	12	16
28	33	25	14	12	16
29	42	22	15	12	15
30	40	27	15	12	15
31	38	--	14	12	--
S.F.	1319	922	581	468	455
Mean	43	31	19	15	15
Max.	175	66	34	18	17
Min.	22	22	14	12	12
A.F.	2620	1830	1150	930	900

PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND SOUTH PLATTE RIVER NEAR NORTH PLATTE
 October, 1981 thru December, 1982
 Period of Record: October, 1949 to December, 1982

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	468	976	507	435	535	476	509	382	467	625	1820	439	782	997	511
2	465	1020	535	425	525	476	494	386	532	570	1820	412	663	997	498
3	491	1060	516	405	520	526	485	352	578	482	1920	419	583	1060	493
4	523	935	484	360	515	527	480	329	533	435	1840	442	547	1060	494
5	585	822	487	355	455	526	468	380	501	440	1820	502	569	1050	495
6	609	699	497	360	450	494	464	452	501	437	1800	558	560	979	498
7	713	614	504	370	470	490	461	436	459	739	1790	568	571	903	491
8	781	604	500	372	480	486	469	412	447	1010	1900	551	607	848	501
9	748	558	496	420	485	487	471	402	443	1600	2090	567	717	811	502
10	818	535	480	430	485	533	476	382	434	2180	2220	562	673	770	511
11	858	513	492	430	480	601	473	363	461	2320	2090	582	575	849	522
12	886	501	501	445	480	619	436	371	471	2370	1920	698	527	904	527
13	891	488	510	460	500	582	419	539	479	2210	1850	811	555	759	543
14	879	484	491	480	520	581	407	957	545	2120	1860	848	560	737	539
15	884	483	447	495	560	533	405	980	701	2170	1820	884	568	726	517
16	918	478	476	500	584	525	435	832	585	2300	1430	858	581	735	531
17	994	465	476	510	557	521	420	669	538	2400	1160	889	588	724	531
18	993	453	425	530	567	534	436	611	533	2420	1040	968	630	664	550
19	1010	465	425	530	597	608	395	552	521	2470	881	1040	686	612	587
20	1040	477	475	540	639	607	395	579	486	2410	814	1090	733	593	624
21	1050	460	537	520	671	536	382	570	477	2400	783	1180	766	563	624
22	1040	461	573	510	631	529	367	527	470	2300	760	1230	803	547	611
23	1000	465	531	495	595	520	357	484	517	2210	699	1260	833	568	601
24	974	455	509	510	565	526	348	694	513	2100	602	1330	873	557	550
25	966	462	496	530	533	524	355	618	491	2020	530	1280	912	572	490
26	961	462	474	535	521	518	340	515	484	2060	508	1230	941	554	480
27	968	450	454	540	488	504	373	474	574	2170	464	1240	967	530	448
28	978	442	454	540	482	505	444	496	530	2190	461	1230	960	539	420
29	863	437	467	555	---	496	411	515	488	2190	455	1110	953	504	415
30	839	452	447	555	---	523	392	527	563	2120	430	860	955	498	410
31	977	---	434	540	---	521	---	521	---	1890	434	---	987	---	422
S.F.	26170	17176	15100	14682	14890	16434	12767	16307	15322	55358	40001	25658	22225	22210	15936
Mean	844	573	487	474	532	530	426	526	511	1786	1290	855	717	740	514
Max.	1050	1060	573	555	671	619	509	980	701	2470	2220	1330	987	1060	624
Min.	465	437	425	355	450	476	340	329	434	435	430	412	527	498	410
A.F.	51910	34070	29950	29120	29530	32600	25320	32340	30390	109800	79340	50890	44080	44050	31610
Water diverted 1982	Water Year 535260 A.F.														
Water diverted 1982	Calendar Year 539070 A.F.														

DISCHARGE IN SECOND-FEET OF WHITE HORSE CREEK NEAR NORTH PLATTE --SW& Sec. 5-13-29 W.
 Period of record: January, 1922 - September, 1942
 May, 1960 - September, 1961
 May, 1963 - September, 1982

Date	May	June	July	Aug.	Sept.
1	49	54	10	4	4
2	53	50	10	4	5
3	56	46	10	4	5
4	59	41	9	4	5
5	62	37	9	4	5
6	66	33	9	5	6
7	69	29	9	5	6
8	72	24	8	5	6
9	76	20	8	5	6
10	79	16	8	5	7
11	82	16	7	5	7
12	85	16	7	5	7
13	89	15	7	5	7
14	92	15	6	5	8
15	91	15	6	5	8
16	89	14	6	5	8
17	88	14	6	5	8
18	87	14	6	4	8
19	85	14	6	4	8
20	84	13	6	4	8
21	83	13	5	4	8
22	82	13	5	3	8
23	80	12	5	3	8
24	79	12	5	3	8
25	78	12	5	3	8
26	76	12	4	3	8
27	75	12	4	3	8
28	71	11	4	3	8
29	67	11	4	4	8
30	62	11	4	4	8
31	59	---	4	4	---
S.F.	2324	615	202	139	212
Mean	75	20	7	4	7
Max.	92	54	10	5	8
Min.	49	11	4	3	4
A.F.	4610	1220	400	280	420
Total 5 months	6930 A.F.				

DISCHARGE IN SECOND-FEET OF PLATTE RIVER PASSING TRI-COUNTY DIVERSION DAM N. North Platte--Sec. 10-13-29 W.
 Period of Record: May, 1958 - September, 1966
 May, 1969 - September, 1982

Date	May	June	July	Aug.	Sept.
1	68	76	273	872	355
2	66	78	286	975	344
3	60	87	273	1011	329
4	58	92	186	917	295
5	60	80	87	917	295
6	60	78	161	1011	295
7	56	78	329	1038	286
8	56	130	489	1052	273
9	56	92	634	1025	260
10	56	170	764	1025	232
11	56	148	1025	1147	225
12	56	129	1178	1147	225
13	78	124	1147	1178	225
14	138	124	905	1208	218
15	154	121	872	1132	212
16	124	135	1011	853	209
17	115	129	1193	804	209
18	97	126	1314	735	215
19	82	87	1406	696	212
20	92	82	1314	660	209
21	94	90	1406	652	209
22	78	97	1470	660	215
23	78	107	1606	696	235
24	94	107	1589	686	242
25	112	99	1572	677	239
26	115	113	1572	660	235
27	112	130	1504	548	235
28	94	151	1436	448	235
29	90	145	1436	370	228
30	92	229	1345	365	235
31	82	---	1025	355	---
S.F.	2629	3442	30808	25520	7470
Mean	85	115	994	823	249
Max.	154	229	1606	1208	355
Min.	56	76	87	355	199
A.F.	5210	6830	61110	50620	14820
Total 5 months	138590 A.F.				

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 TRI-COUNTY CANAL from Platte River for Power and Irrigation
 Measured through 30-foot Parshall Flume--NW $\frac{1}{4}$ Sec. 28-13-29 W.
 Near North Platte Period of Record: October, 1941 - December, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	709	1111	1324	1308	1546	1513	974	943	822	1401	2213	1435	1066	1152	1430
2	670	1054	1306	1337	1400	1378	1005	986	1097	1399	2214	1400	874	980	1481
3	689	962	1453	1252	1222	1354	1003	901	1168	1322	2203	1320	849	1113	1422
4	687	874	1316	1280	1037	1314	922	912	1148	1390	2202	1348	728	1130	1400
5	675	689	1413	1277	1186	1484	931	1030	1105	1427	2220	1256	792	1180	1365
6	673	794	1401	1106	1253	1444	931	1048	1048	1298	2216	1243	835	1539	1486
7	765	796	1410	1023	1438	1444	959	1063	793	1366	2220	1276	728	1655	1395
8	917	756	1417	1224	1506	1440	947	1051	830	1464	2222	1184	797	1558	1370
9	1037	966	1420	1343	1373	1479	977	991	802	1771	2217	1154	936	1515	1363
10	960	977	1409	1090	1457	1505	932	909	736	2143	2213	1078	859	1444	1374
11	1137	1072	1443	1030	1450	1560	972	1035	870	2220	2215	998	826	1618	1348
12	1141	1051	1439	1141	1399	1506	941	910	1000	2225	2218	1061	1042	1728	1382
13	1118	1182	1432	1091	1425	1471	986	1184	914	2206	2213	1191	1027	1644	1366
14	1012	1320	1423	1450	1512	1457	956	1610	1050	2167	2211	1109	1107	1630	1503
15	975	1218	1402	1303	1593	1452	888	1581	1275	2127	2274	1151	1184	1639	1665
16	1048	1141	1316	1136	1634	1400	890	1480	1260	2219	2131	1166	903	1610	1842
17	1099	1159	1164	1092	1667	1408	1082	1286	1050	2177	1734	1172	824	1664	1890
18	1046	1174	1300	1407	1651	1312	998	1247	1177	2178	1693	1296	962	1753	1956
19	1040	1166	1254	1538	1669	1360	872	1238	1080	2125	1672	1441	754	1666	2056
20	966	1152	1351	1393	1722	1387	910	1194	981	2162	1738	1539	661	1674	2139
21	978	1220	1540	1303	1681	1294	941	1116	1057	2141	1696	1595	759	1636	2157
22	1009	1262	1499	866	1633	1233	893	970	1038	2206	1691	1632	832	1580	2124
23	1358	1180	1388	818	1587	1223	995	862	1015	2198	1591	1526	1091	1597	2175
24	1238	1194	1292	1109	1553	1217	853	1258	1021	2197	1376	1591	1127	1544	2181
25	1298	1164	1228	1460	1522	1078	922	1265	1137	2207	1339	1640	1147	1591	1425
26	1227	1157	1364	1575	1508	1097	894	1099	1077	2200	1243	1525	840	1535	1209
27	1058	1159	1307	1533	1499	1023	870	906	1253	2214	1281	1537	854	1556	1288
28	1070	1160	1341	1519	1490	1034	1074	990	1324	2213	1344	1551	881	1387	1040
29	1045	1157	1280	1516	----	1124	999	1000	1338	2198	1378	1422	896	1474	1023
30	949	1336	1261	1566	----	1001	940	1075	1349	2175	1356	1064	1046	1388	1038
31	1078	----	1282	1553	----	888	----	1072	----	2197	1413	----	1279	----	871
S.F.	30672	32603	42175	39639	41613	40880	28457	34212	31815	60933	57947	39901	28506	45180	47765
Mean	989	1087	1360	1279	1486	1319	949	1104	1060	1966	1869	1330	920	1506	1541
Max.	1358	1336	1540	1575	1722	1560	1082	1610	1349	2225	2274	1640	1279	1753	2182
Min.	670	689	1164	818	1037	888	853	862	736	1298	1243	998	661	980	871
A.F.	60840	64670	83650	78620	82540	81080	56440	67860	63100	120860	114940	79140	56540	89620	94740
Water diverted 953740 A.F. 1982 Water Year															
Water diverted 985480 A.F. 1982 Calendar Year															
Acreage reported A-2355-89642; (Storage only)--A-3620-952; A-3823-804; A-4656-1496; A-5278-5048; A-7716-800; A-9673-14230; Total-112972															

JEFFREY RESERVOIR STORAGE IN ACRE-FEET

From Platte River--NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 4-11-27W. Near Bayard.

October 1981 through December 1982
 Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	4,910	-440
Oct. 31, 1981	3,440	-1,470
Nov. 30, 1981	5,240	+1,800
Dec. 31, 1981	4,360	-880
Jan. 31, 1982	5,510	+1,150
Feb. 28, 1982	4,910	-600
Mar. 31, 1982	3,150	-1,760
Apr. 30, 1982	5,460	+2,310
May 31, 1982	5,510	+50
June 30, 1982	5,840	+330
July 31, 1982	5,460	-380
Aug. 31, 1982	5,400	-60
Sept. 30, 1982	3,390	-2,010
Oct. 31, 1982	4,660	+1,210
Nov. 30, 1982	4,960	+300
Dec. 31, 1982	3,820	-1,140

Change in Storage September 30, 1981 through
 December 31, 1982 -1,090

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River
 Measured through Parshall flume--NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-12-27 W.
 Period of Record: October, 1941 - December, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	0	0	0	0	0	0	0	0	0	301	320	0	0	0
2	0	0	0	0	0	0	0	0	0	0	303	291	0	0	0
3	0	0	0	0	0	0	0	0	0	46	337	187	0	0	0
4	0	0	0	0	0	0	0	0	0	97	369	165	0	0	0
5	0	0	0	0	0	0	0	0	0	328	426	141	0	0	0
6	0	0	0	0	0	0	0	0	0	502	433	126	0	0	0
7	0	0	0	0	0	0	0	0	0	545	380	126	0	0	0
8	0	0	0	0	0	0	0	0	0	548	380	84	0	0	0
9	0	0	0	0	0	0	0	0	0	540	309	39	0	0	0
10	0	0	0	0	0	0	0	0	28	678	354	48	0	0	0
11	0	0	0	0	0	0	0	0	60	508	208	61	0	0	0
12	0	0	0	0	0	0	0	0	36	81	85	61	0	0	0
13	0	0	0	0	0	0	0	0	36	119	82	33	0	0	0
14	0	0	0	0	0	0	0	0	8	332	18	0	0	0	0
15	0	0	0	0	0	0	0	0	0	449	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	417	26	0	0	0	0
17	0	0	0	0	0	0	0	0	0	339	110	0	0	0	0
18	0	0	0	0	0	0	0	0	0	242	224	0	0	0	0
19	0	0	0	0	0	0	0	0	0	117	287	0	0	0	0
20	0	0	0	0	0	0	0	0	0	103	322	0	0	0	0
21	0	0	0	0	0	0	0	0	82	91	358	0	0	0	0
22	0	0	0	0	0	0	0	0	168	147	430	0	0	0	0
23	0	0	0	0	0	0	0	0	137	74	382	0	0	0	0
24	0	0	0	0	0	0	0	0	128	48	360	0	0	0	0
25	0	0	0	0	0	0	0	0	103	53	385	0	0	0	0
26	0	0	0	0	0	0	0	0	105	30	417	0	0	0	0
27	0	0	0	0	0	0	0	0	105	28	324	0	0	0	0
28	0	0	0	0	0	0	0	0	117	22	318	0	0	0	0
29	0	0	0	0	0	0	0	0	138	0	382	0	0	0	0
30	0	0	0	0	-	0	0	0	69	0	337	0	0	0	0
31	0	-	0	0	-	0	-	0	-	78	320	-	0	-	0
S.F.	0	0	0	0	0	0	0	0	1320	6562	8967	1682	0	0	0
Mean	0	0	0	0	0	0	0	0	44	212	289	56	0	0	0
Max.	0	0	0	0	0	0	0	0	168	678	433	320	0	0	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	0	0	2620	13020	17790	3340	0	0	0

Water diverted 1982 Water Year 36770 A.F.
 Water diverted 1982 Calendar Year 36770 A.F.

ELWOOD RESERVOIR STORAGE IN ACRE-FEET

From Kingsley Reservoir Storage--NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 32-8-22W.

October 1981 through December 1982

Period of Record: October 1978-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	7,950	+7,950
Oct. 31, 1981	15,708	+7,758
Nov. 30, 1981	16,970	+1,262
Dec. 31, 1981	14,670	-2,300
Jan. 31, 1982	12,920	-1,750
Feb. 28, 1982	11,600	-1,320
Mar. 31, 1982	10,150	-1,450
Apr. 30, 1982	16,000	+5,850
May 31, 1982	23,920	+7,920
June 30, 1982	25,060	+1,140
July 31, 1982	12,300	-12,760
Aug. 31, 1982	0	-12,300
Sept. 30, 1982	4,790	+4,790
Oct. 31, 1982	13,650	+8,860
Nov. 30, 1982	16,680	+3,030
Dec. 31, 1982	14,670	-2,010

Change in Storage September 30, 1981 through December 31, 1982 +6,720

JOHNSON RESERVOIR STORAGE IN ACRE-FEET

Combined Storage in Johnson and Forebay Reservoirs. From Platte River--SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 4-8-22W. Near Lexington.

October 1981 through December 1982

Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	38,350	-3,770
Oct. 31, 1981	34,110	-4,240
Nov. 30, 1981	37,200	+3,090
Dec. 31, 1981	41,170	+3,970
Jan. 31, 1982	41,480	+310
Feb. 28, 1982	42,760	+1,280
Mar. 31, 1982	42,560	-200
Apr. 30, 1982	42,080	-480
May 31, 1982	44,600	+2,520
June 30, 1982	45,370	+770
July 31, 1982	44,980	-390
Aug. 31, 1982	42,440	-2,540
Sept. 30, 1982	36,820	-5,620
Oct. 31, 1982	38,400	+1,580
Nov. 30, 1982	42,160	+3,760
Dec. 31, 1982	42,560	+400

Change in Storage September 30, 1981 through December 31, 1982 +4,210

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 PHELPS COUNTY CANAL from Platte River via
 Tri-County Canal--Measured through Parshall
 flume--SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-8-21 W. near Overton
 Period of Record: March, 1938 - September, 1940
 October, 1947 - September, 1949
 April, 1970 - September, 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	46	354	327	946	278
2	0	46	374	313	982	278
3	0	45	371	308	1064	303
4	0	45	360	324	1130	313
5	0	45	343	346	1096	313
6	0	45	343	368	1064	316
7	0	43	343	403	1064	332
8	0	41	346	490	1032	330
9	0	41	332	578	1006	327
10	0	40	335	639	998	340
11	0	40	365	678	962	357
12	0	127	371	817	938	150
13	0	127	397	930	954	0
14	0	125	184	950	622	0
15	0	116	0	950	383	0
16	0	106	0	998	400	0
17	0	106	0	1125	432	0
18	0	110	0	1186	438	0
19	0	142	0	1096	478	0
20	0	207	0	1068	588	0
21	0	238	0	1116	639	0
22	0	238	0	1150	663	0
23	0	235	0	1165	538	0
24	0	272	0	1140	453	0
25	0	311	394	1112	465	0
26	52	330	474	1116	496	0
27	48	343	512	1006	528	0
28	45	343	456	934	493	0
29	46	343	406	902	459	0
30	46	343	346	930	383	0
31	--	343	---	942	306	--
S.F.	237	4982	7406	25407	22000	3637
Mean	8	161	247	820	710	121
Max.	52	343	512	1186	1130	357
Min.	0	40	0	308	306	0
A.F.	470	9880	14690	50390	43640	7210
Water Diverted 1982	126280	1982	Water Year			
Water Diverted 126280	1982	Calendar Year				

DAILY DIVERSIONS OF CANALS--1982
 THIRTY MILE CANAL from Platte River--Measured through
 Parshall flume--NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-12-26 W. near Brady
 Period of Record: May, 1928 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	47	90	291	195
2	0	46	100	307	180
3	0	44	99	307	170
4	0	43	102	309	172
5	0	43	146	315	170
6	0	49	160	320	170
7	1	51	152	320	168
8	4	40	168	311	137
9	4	44	204	315	123
10	30	49	209	299	123
11	60	52	226	293	123
12	57	49	252	285	123
13	60	48	313	283	123
14	63	47	320	279	62
15	63	42	309	265	0
16	60	41	311	254	0
17	62	43	315	252	0
18	62	72	318	246	0
19	59	84	311	241	0
20	41	86	311	231	0
21	43	97	318	231	0
22	47	98	322	233	0
23	47	100	320	233	0
24	47	102	311	220	0
25	47	98	305	226	0
26	48	95	309	224	0
27	48	93	307	220	0
28	49	99	297	208	0
29	46	102	303	199	0
30	44	93	299	197	0
31	45	--	--	295	--
S.F.	1137	1997	7802	8109	2039
Mean	37	67	252	262	68
Max.	63	102	322	320	195
Min.	0	40	90	195	0
A.F.	2260	3960	15480	16080	4040
Water Diverted 1982	Water Year	41820	A.F.		
Water Diverted 1982	Calendar Year	41820	A.F.		
Acreeage reported A-1853-19212;	A-1976-3392;				
A-2077-320; Total-22924					

DAILY DIVERSIONS OF CANALS--1982
 GOTHENBURG IRRIGATION CANAL from Platte River--Measured
 through Parshall flume--SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-12-26 W. near Gothenburg
 Period of Record: May, 1916 - September, 1916
 June, 1918 - October, 1919
 July, 1921 - September, 1943
 May, 1945 - October, 1982

Date	Oct.	May	June	July	Aug.	Sept.	Oct.
1	14	42	131	76	313	112	11
2	0	76	128	105	318	105	12
3	0	75	109	119	320	109	12
4	0	72	109	115	313	112	10
5	0	80	109	129	311	113	10
6	0	90	108	183	311	108	10
7	0	89	100	215	309	103	4
8	0	86	59	250	303	105	0
9	0	81	112	279	299	98	0
10	0	69	120	295	299	72	0
11	0	60	126	301	301	72	0
12	0	61	119	299	291	76	0
13	0	80	99	315	287	76	0
14	0	132	24	326	281	62	0
15	0	137	0	320	279	50	0
16	0	132	0	322	291	41	0
17	0	131	0	320	277	38	0
18	0	129	0	324	273	33	0
19	0	122	0	324	277	29	0
20	0	125	0	322	279	28	0
21	0	129	32	330	279	25	0
22	0	128	119	324	279	20	0
23	0	123	89	322	273	16	0
24	0	123	89	324	271	15	0
25	0	128	89	324	271	12	0
26	0	128	86	324	275	24	0
27	0	126	87	318	226	12	0
28	0	123	89	318	190	5	0
29	0	125	85	322	172	9	0
30	0	126	80	318	135	10	0
31	0	123	--	318	115	--	--
S.F.	14	3251	2298	8481	8418	1690	69
Mean	0	105	77	274	272	56	2
Max.	14	137	131	330	320	113	12
Min.	0	42	0	76	115	5	0
A.F.	30	6450	4560	16820	16700	3350	140
Water Diverted 1982	Water Year	47910	A.F.				
Water Diverted 1982	Calendar Year	48020	A.F.				
Acreeage reported D-645a-898;	D-645b-16070;	A-3716-1176;					
A-11798-170; A-15580-56;	A-15870-13;	A-15992-13;					
Total-18396							

DAILY DIVERSIONS OF CANALS--1982
 SIX MILE CANAL from Platte River--Measured through
 Parshall flume--NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-11-26 W. near Gothenburg
 Period of Record: June, 1919 - August, 1919
 August, 1922 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	27	0
2	0	0	0	32	0
3	0	0	0	36	0
4	0	0	0	36	0
5	0	0	0	36	0
6	0	0	0	37	0
7	0	0	1	38	0
8	0	0	5	29	0
9	0	0	13	26	0
10	0	0	13	26	0
11	0	0	12	20	0
12	0	0	14	17	0
13	0	0	19	14	0
14	0	0	26	15	0
15	0	0	31	18	0
16	0	0	32	17	0
17	0	0	33	5	0
18	0	0	32	3	0
19	0	0	30	17	0
20	0	0	30	16	0
21	0	0	31	17	0
22	0	0	31	17	0
23	0	0	30	18	0
24	0	0	31	18	0
25	0	0	31	18	0
26	0	0	31	18	0
27	0	0	34	19	0
28	0	0	32	12	0
29	0	0	32	12	0
30	0	0	29	10	0
31	0	--	26	0	--
S.F.	0	0	629	624	0
Mean	0	0	20	20	0
Max.	0	0	34	38	0
Min.	0	0	0	0	0
A.F.	0	0	1250	1240	0
Water Diverted 1982	Water Year	2490	A.F.		
Water Diverted 1982	Calendar Year	2490	A.F.		
Acreeage reported D-680-1243					

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 COZAD CANAL from Platte River--Measured through
 Parshall flume--SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-11-25 W. near Gothenburg
 Period of Record: June, 1918 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	59	94	248	137
2	11	60	94	239	126
3	20	60	94	235	81
4	27	60	98	233	0
5	19	61	103	233	0
6	11	61	103	233	0
7	11	61	102	235	0
8	11	62	126	235	0
9	11	62	147	235	0
10	10	62	177	237	0
11	12	62	180	237	0
12	16	71	204	231	0
13	16	75	248	220	0
14	20	70	258	213	0
15	25	71	273	211	0
16	28	73	279	211	0
17	33	71	281	213	0
18	35	71	279	215	0
19	36	68	279	215	0
20	36	62	279	211	0
21	36	79	277	209	0
22	36	85	277	209	0
23	36	93	273	197	0
24	36	91	271	192	0
25	36	93	269	192	0
26	36	94	267	192	0
27	36	94	262	183	0
28	41	95	262	172	0
29	41	94	258	160	0
30	46	94	254	144	0
31	53	--	250	137	--
S.F.	821	2214	6618	6525	344
Mean	26	74	213	210	11
Max.	53	95	281	248	137
Min.	0	59	94	137	0
A.F.	1630	4390	13130	12940	680
Water Diverted 1982 Water Year 32770 A.F.					
Water Diverted 1982 Calendar Year 32770 A.F.					
Acreage reported D-626-16742					

DAILY DIVERSIONS OF CANALS--1982
 ORCHARD-ALFALFA CANAL from Platte River--Measured through
 Parshall flume--SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-10-24 W. near Cozad
 Period of Record: June, 1918 - September, 1982

Date	May	June	July	Aug.	Sept.
1	11	21	21	67	54
2	17	21	19	56	54
3	16	21	21	60	50
4	17	21	22	62	40
5	22	20	22	66	46
6	23	20	26	66	14
7	22	19	35	69	0
8	21	19	39	71	0
9	21	18	40	71	0
10	20	17	41	67	0
11	20	16	44	66	0
12	20	17	61	67	0
13	21	19	67	64	0
14	25	24	71	68	0
15	24	29	71	62	0
16	22	27	73	53	0
17	22	27	76	44	0
18	22	27	76	49	0
19	20	26	74	51	0
20	21	25	73	48	0
21	21	24	74	44	0
22	20	23	78	49	0
23	19	22	77	66	0
24	19	22	76	64	0
25	20	23	76	66	0
26	20	22	76	65	0
27	21	22	79	67	0
28	23	22	75	56	0
29	28	21	74	51	0
30	27	22	66	51	0
31	24	--	66	53	--
S.F.	649	657	1789	1849	258
Mean	21	22	58	60	9
Max.	28	29	79	71	54
Min.	11	16	19	44	0
A.F.	1290	1300	3550	3670	510
Water Diverted 1982 Water Year 10320 A.F.					
Water Diverted 1982 Calendar Year 10320 A.F.					
Acreage reported D-627-5975					

DAILY DIVERSIONS OF CANALS--1982
 DAWSON COUNTY CANAL from Platte River--Measured through
 Parshall flume--NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-10-23 W. near Cozad
 Period of Record: July, 1918 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	122	141	394	292
2	0	127	136	413	289
3	0	137	139	445	287
4	0	141	153	445	287
5	0	137	153	440	260
6	0	134	185	434	265
7	0	130	269	442	265
8	0	127	374	442	242
9	0	141	448	448	238
10	0	117	488	442	207
11	0	129	483	432	197
12	28	146	500	429	214
13	40	136	486	421	214
14	19	141	500	400	187
15	33	137	526	354	179
16	12	127	520	344	172
17	20	127	523	332	71
18	44	127	526	329	0
19	63	125	517	334	0
20	66	118	503	332	0
21	65	112	492	327	0
22	65	67	517	344	0
23	73	113	523	362	0
24	122	125	523	352	0
25	134	137	509	342	0
26	137	136	509	342	0
27	134	136	483	339	0
28	125	136	472	310	0
29	132	139	434	310	0
30	129	142	400	301	0
31	122	---	392	294	---
S.F.	1563	3869	12824	11675	3866
Mean	50	129	414	377	129
Max.	137	146	526	448	292
Min.	0	67	136	294	0
A.F.	3100	7670	25440	23160	7670
Water Diverted 1982 Water Year 67040 A.F.					
Water Diverted 1982 Calendar Year 67040 A.F.					
Acreage reported D-621-296; D-622-28360;					
D-624-1480; A-2039-1800; A-2093R-68; A-2110-					
1272; A-2145-134; A-2262-410; A-12968-0;					
A-14008-191; A-15184-160; A-15507-120;					
Total-34291					

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY
 DRAIN NO. 2--SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-10-23 W. near Darr
 Period of Record: October, 1932 - September, 1982

Date	May	June	July	Aug.	Sept.
1	8	3	9	35	14
2	2	5	10	28	15
3	2	6	9	36	15
4	2	5	9	28	14
5	18	7	10	28	8
6	4	6	10	28	9
7	6	5	10	26	9
8	4	7	11	31	8
9	8	7	12	23	6
10	8	7	14	21	6
11	9	7	15	36	6
12	3	8	22	38	6
13	4	7	20	35	7
14	5	8	18	50	7
15	6	15	16	46	8
16	5	6	19	18	10
17	5	6	18	12	7
18	4	7	20	11	7
19	4	6	21	13	7
20	5	6	22	12	7
21	6	5	22	12	6
22	5	6	21	13	6
23	6	6	23	18	7
24	7	6	31	16	4
25	5	7	29	14	3
26	5	6	26	19	6
27	6	7	29	21	6
28	6	8	42	20	7
29	7	8	39	19	5
30	6	10	33	19	6
31	4	--	37	15	--
S.F.	175	203	627	741	232
Mean	6	7	20	24	8
Max.	18	15	42	50	15
Min.	2	3	9	11	3
A.F.	350	400	1240	1470	460
Total 5 months 3920 A.F.					

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 TRI-COUNTY CANAL, JOHNSON POWER RETURN
 To Platte River--SE1/4 Sec. 2-8-21 W. near Overton
 October 1981 through December 1982
 Period of Record: May, 1941 - December, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	938	585	736	877	1210	1235	665	196	0	278	0	0	1139	686	1260
2	1003	590	786	907	1316	1397	660	186	0	292	0	0	1200	660	1044
3	640	711	751	832	1402	1351	539	167	0	171	0	0	378	212	1064
4	282	736	741	882	479	1255	529	177	0	0	0	0	282	232	1089
5	469	645	983	973	504	429	489	182	0	0	0	0	272	146	1079
6	756	434	983	978	479	429	439	207	0	0	0	0	146	207	1180
7	580	287	978	943	514	681	429	199	0	0	0	0	161	852	1119
8	378	333	1371	918	1281	1346	429	226	0	0	0	0	292	842	897
9	434	302	1220	872	1402	1402	434	211	0	0	0	0	252	867	913
10	585	297	318	923	1265	1185	469	202	0	0	0	0	267	877	913
11	610	423	555	867	1049	1412	469	141	0	0	0	0	277	877	1003
12	595	585	958	867	1321	1306	439	85	0	0	0	0	282	867	887
13	449	595	953	872	1331	1104	363	80	0	0	0	277	393	1291	958
14	706	544	953	902	1402	1109	353	46	83	0	0	454	842	1215	1124
15	706	640	1049	867	1336	1094	348	66	156	0	0	786	620	1321	1250
16	539	640	1296	842	1054	1129	378	75	202	0	608	1014	660	847	1336
17	524	857	1291	837	1049	1361	378	75	101	0	833	1034	202	1200	1487
18	585	852	897	892	1457	1144	393	167	156	0	318	1003	171	1346	1462
19	560	771	913	877	1442	978	403	105	222	0	0	998	176	1326	1366
20	681	882	882	1321	1306	998	287	499	156	0	0	1013	187	1296	1512
21	635	948	907	1013	1265	1008	277	483	126	0	0	1165	161	1331	1487
22	524	887	867	1079	1250	1069	247	256	121	0	0	983	207	1331	1679
23	590	963	1159	907	1321	1084	242	0	106	0	0	993	181	1397	1825
24	897	827	1220	902	1245	1240	237	0	96	0	0	948	161	1371	1815
25	817	726	1069	1059	1301	882	197	0	0	0	0	832	171	1059	1296
26	802	756	1049	1039	1321	398	160	78	0	0	0	802	171	1054	1195
27	736	781	1028	1069	1089	681	219	0	0	0	0	1522	156	1054	1659
28	726	761	1064	1155	1134	625	197	0	0	0	0	1568	156	1089	1180
29	731	807	1084	1099	----	625	196	151	0	0	0	1442	166	1054	907
30	575	822	1185	1064	----	696	196	156	0	0	0	1568	171	1170	716
31	585	----	928	1079	----	746	----	----	0	0	0	----	187	----	756
S.F.	19638	19987	30174	29714	32525	31399	11061	4416	1525	741	1759	18402	10087	29077	37458
Mean	633	666	973	959	1162	1013	369	142	51	24	57	613	325	969	1208
Max.	1003	963	1371	1321	1457	1412	665	499	222	292	833	1568	1200	1397	1825
Min.	282	287	318	832	479	398	160	0	0	0	0	0	146	146	716
A.F.	38950	39640	59850	58940	64510	62280	21940	8760	3020	1470	3490	36500	20010	57670	74300
Water returned 1982 Water Year 399350 A.F.															
Water returned 1982 Calendar Year 412890 A.F.															

DISCHARGE IN SECOND-FEET OF PLUM CREEK NEAR SMITHFIELD
 SE1/4 Sec. 21-8-21 W.--October 1, 1981 through December 31, 1982
 Period of Record: October, 1980 - December, 1982

EXTREMES FOR CURRENT YEAR--Maximum Discharge Water Year 1982, 44.0 Cubic Feet per Second at 0730 hours on August 14, 1982 at a Gage Height of 4.72 Feet. Maximum Discharge Calendar Year 1982, 63.5 Cubic Feet per Second at 1330 hours on October 9, 1982 at a Gage Height of 4.97 Feet. No peak above a base of 80 Cubic Feet per Second. Minimum Daily Discharge, 0.34 Cubic Feet per Second on January 4, 1982.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.40	0.99	3.8	0.92	0.60	4.0	3.7	3.3	5.1	4.7	3.1	4.3	2.0	2.9	3.4
2	.46	1.1	6.0	1.1	.60	4.3	2.7	2.5	5.4	5.5	3.2	2.1	2.1	2.9	3.0
3	.40	1.8	10	.38	.55	3.6	2.3	2.2	6.6	5.2	2.6	3.1	3.8	3.3	3.0
4	.44	3.9	5.6	.34	.50	2.8	2.6	2.4	7.6	4.6	1.3	3.9	4.7	2.6	3.0
5	.54	2.7	5.2	.49	.45	2.8	2.9	2.5	5.2	4.2	3.0	3.8	2.7	2.0	2.8
6	.59	2.3	4.4	.56	.45	2.8	2.4	2.5	4.4	3.7	3.4	3.2	2.3	2.3	2.6
7	.67	2.1	4.9	.64	.50	2.8	2.8	3.6	4.3	3.2	4.5	4.1	2.1	3.7	2.4
8	.64	2.0	4.3	.49	.50	2.8	2.6	2.6	4.4	3.9	4.0	4.4	3.8	3.2	2.3
9	.82	1.9	5.0	.50	.50	2.8	2.9	2.0	3.6	4.2	3.2	3.9	3.4	3.3	2.3
10	1.6	2.0	5.2	.45	.45	3.6	3.0	2.2	3.6	3.6	1.5	3.6	18	3.2	3.6
11	1.6	1.8	4.1	.50	.45	4.4	2.9	2.6	3.6	4.3	1.3	3.8	7.4	3.6	3.2
12	1.3	1.9	4.0	.55	.45	5.3	2.7	3.1	3.4	3.6	1.1	3.8	6.7	3.5	3.1
13	.78	2.1	3.9	.55	.50	4.5	2.7	3.0	3.7	4.7	24	3.2	5.5	3.4	1.7
14	.59	2.1	3.6	.60	.55	4.9	2.9	3.5	3.9	3.9	22	3.8	3.6	2.6	2.3
15	.73	2.3	2.6	.60	1.5	3.4	2.8	4.7	4.4	3.2	33	2.6	3.0	3.6	4.4
16	.64	2.3	2.5	.70	2.0	3.8	2.5	5.4	5.5	3.9	14	2.7	2.8	3.4	4.2
17	.64	2.3	2.5	2.0	2.0	4.9	2.7	4.3	5.2	3.9	14	2.3	2.6	3.9	3.0
18	.56	2.3	2.8	3.0	2.5	4.8	2.9	3.5	3.9	3.9	7.3	2.3	2.6	3.8	3.1
19	.64	2.1	3.0	1.7	2.5	6.6	2.6	3.2	3.9	3.9	4.4	2.4	2.6	4.4	4.4
20	.54	1.9	3.0	.55	3.0	6.6	2.4	3.7	4.0	3.9	3.1	2.3	2.6	4.4	3.9
21	.38	2.1	3.2	.50	3.0	7.4	2.4	5.2	4.0	3.9	2.6	2.1	2.5	4.6	3.0
22	.49	2.0	3.4	.45	3.5	4.4	2.2	8.6	3.9	3.2	2.4	1.9	2.6	3.8	3.9
23	.49	2.7	3.6	.45	3.5	3.4	2.0	4.8	4.1	2.5	5.2	2.0	2.7	2.6	4.2
24	.42	2.6	3.8	.45	3.5	3.5	1.9	4.3	4.4	3.1	4.4	2.1	2.8	3.0	4.1
25	.44	2.6	1.6	.50	3.5	3.0	2.1	4.5	4.9	4.0	5.2	2.1	2.8	3.1	3.2
26	.73	2.3	1.6	.55	4.0	2.9	2.3	5.4	7.2	3.5	4.2	2.1	3.0	3.6	2.3
27	1.1	3.2	1.4	.55	4.0	2.7	2.7	5.1	6.6	2.8	3.0	1.8	3.0	3.3	3.4
28	.99	3.1	1.5	.55	4.0	2.9	3.4	4.5	6.1	2.8	2.5	2.1	2.8	3.6	2.6
29	1.1	2.0	1.8	.60	---	2.9	8.5	5.7	5.5	3.4	2.5	1.9	3.0	3.5	1.4
30	1.1	2.8	1.9	.60	---	3.0	6.8	10	5.0	4.0	2.7	1.8	2.9	3.4	.82
31	.88	---	.73	.60	---	3.3	---	6.1	---	3.3	3.9	---	2.8	---	.67
S.F.	22.70	67.29	110.93	22.42	49.55	120.9	89.3	127.0	143.4	119.0	192.6	85.5	145.8	100.5	91.29
Mean	.73	2.24	3.58	.72	1.77	3.9	2.98	4.10	4.78	3.84	6.21	2.85	4.70	3.35	2.94
Max.	1.6	3.9	10	3.0	4.0	7.4	8.5	10	7.6	5.5	33	4.4	34	4.6	4.4
Min.	.38	.99	.73	.34	.45	2.8	1.9	2.0	3.4	2.5	1.1	1.8	2.0	2.0	.67
A.F.	50	130	220	40	100	240	180	250	280	240	380	170	290	200	180
Total acre-feet 1982 Water Year 2280 A.F.															
Total acre-feet 1982 Calendar Year 2550 A.F.															

PLATTE RIVER BASIN

DISCHARGE IN SECOND-FEET OF STREYER (SPRING)
 CREEK--NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-8-20 W. near Overton
 Period of Record: October, 1932 - September, 1934
 October, 1936 - September, 1982

Date	May	June	July	Aug.	Sept.
1	1	34	34	109	60
2	1	32	36	100	52
3	1	5	37	88	59
4	0	5	32	50	58
5	0	37	28	55	53
6	7	33	28	63	36
7	2	33	15	60	34
8	0	29	13	59	25
9	0	29	18	59	34
10	0	22	15	49	29
11	5	17	2	52	25
12	5	2	30	59	36
13	5	2	39	68	38
14	6	2	32	88	43
15	12	11	25	111	43
16	7	65	19	125	43
17	6	53	16	117	43
18	5	94	25	102	45
19	3	38	28	99	29
20	8	33	29	96	9
21	59	23	39	96	7
22	17	34	30	97	4
23	12	32	26	97	23
24	14	21	29	94	17
25	10	27	32	54	8
26	26	20	40	43	7
27	24	23	73	38	7
28	23	39	123	79	7
29	40	39	116	89	7
30	62	32	116	86	7
31	64	--	120	72	--
S.F.	425	871	1245	2454	888
Mean	14	29	40	79	30
Max.	64	94	123	125	60
Min.	0	2	2	38	4
A.F.	840	1730	2470	4870	1760
Total 5 months	11670 A.F.				

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK
 NEAR ELM CREEK--NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-8-18 W.
 Period of Record: January, 1925 - August, 1925
 January, 1927 - November, 1928
 October, 1933 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	34	46	55	128
2	0	29	40	4	81
3	0	20	51	3	75
4	0	24	41	4	72
5	0	29	40	47	66
6	0	17	35	51	56
7	0	14	44	51	77
8	0	17	43	32	70
9	0	14	31	38	69
10	0	12	16	42	80
11	0	8	14	42	74
12	0	13	40	42	65
13	0	6	32	49	68
14	0	6	24	68	58
15	0	3	22	69	60
16	0	15	15	64	63
17	1	18	14	73	68
18	3	25	8	70	58
19	2	14	0	68	46
20	0	12	0	73	47
21	10	10	10	77	13
22	12	8	8	102	0
23	16	6	8	78	0
24	16	5	12	74	3
25	15	0	12	70	0
26	14	0	10	57	0
27	16	24	8	44	0
28	10	30	77	44	0
29	35	41	53	50	0
30	24	40	50	50	0
31	25	--	58	76	--
S.F.	199	494	862	1667	1397
Mean	6	15	28	54	47
Max.	35	41	77	102	128
Min.	0	0	0	3	0
A.F.	390	980	1710	3310	2770
Total 5 months	9160 A.F.				

DISCHARGE IN SECOND-FEET OF ELM CREEK
 NEAR ELM CREEK--SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-9-18 W.
 Period of Record: October, 1932 - September, 1960
 May, 1962 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	11	9	6
2	0	0	12	10	10
3	0	1	11	9	4
4	0	1	11	10	3
5	0	1	10	8	3
6	0	1	13	9	0
7	0	1	8	9	0
8	0	1	7	11	0
9	0	1	1	10	6
10	0	0	12	6	4
11	0	4	11	5	1
12	0	1	12	2	6
13	0	1	8	5	7
14	0	1	5	12	10
15	0	20	3	16	11
16	0	27	3	14	10
17	0	1	3	12	12
18	0	7	5	12	13
19	0	1	6	12	0
20	0	6	9	10	0
21	0	6	6	10	0
22	0	6	6	10	0
23	0	5	5	12	0
24	0	4	7	12	0
25	0	1	7	12	0
26	0	0	3	11	0
27	0	5	10	3	0
28	0	10	9	2	0
29	0	10	11	9	0
30	0	9	11	9	0
31	0	--	10	10	--
S.F.	0	132	246	291	106
Mean	0	4	8	9	4
Max.	0	27	13	16	13
Min.	0	0	1	2	0
A.F.	0	260	490	580	210
Total 5 months	1540 A.F.				

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 KEARNEY CANAL for Power and Irrigation from Platte River
 Measured through Parshall flume--NW1/4 Sec. 3-8-18 W. near Elm Creek
 Period of Record: May, 1919 - September, 1919
 May, 1921 - December, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	320	0	0	0	0	0	0	157	251	272	254	276	168	0	0
2	327	0	0	0	0	0	0	157	249	296	242	276	135	0	0
3	320	0	0	0	0	0	0	158	244	298	238	276	119	0	0
4	298	0	0	0	0	0	0	153	256	278	242	276	71	0	0
5	292	0	0	0	0	0	0	155	249	263	240	276	61	0	0
6	298	0	0	0	0	0	0	181	256	254	236	258	67	0	0
7	308	0	0	0	0	0	0	247	260	254	236	258	0	0	0
8	296	0	0	0	0	0	0	222	256	240	240	265	0	0	0
9	292	0	0	0	0	0	0	222	254	232	242	254	0	0	0
10	260	0	0	0	0	0	0	222	251	238	251	258	0	0	0
11	251	0	0	0	0	0	0	224	254	238	254	242	0	0	0
12	251	0	0	0	0	0	0	205	212	247	263	242	0	0	0
13	115	0	0	0	0	0	0	177	170	256	272	242	0	0	0
14	0	0	0	0	0	0	0	53	258	234	292	301	0	0	0
15	0	0	0	0	0	0	0	43	234	195	296	305	0	0	0
16	0	0	0	0	0	0	65	49	296	175	298	334	0	0	0
17	0	0	0	0	0	0	101	65	294	173	324	346	0	0	0
18	0	0	0	0	0	0	112	120	292	170	308	359	0	0	0
19	0	0	0	0	0	0	155	175	287	175	276	359	0	0	0
20	0	0	0	0	0	0	134	136	287	187	276	359	0	0	0
21	0	0	0	0	0	0	130	125	287	183	287	310	0	0	0
22	0	0	0	0	0	0	129	120	285	172	285	322	0	0	0
23	0	0	0	0	0	0	141	89	283	170	285	310	0	0	0
24	0	0	0	0	0	0	155	61	240	170	283	310	0	0	0
25	0	0	0	0	0	0	155	63	232	172	283	310	0	0	0
26	0	0	0	0	0	0	151	120	265	209	285	232	0	0	0
27	0	0	0	0	0	0	148	120	267	287	285	191	0	0	0
28	0	0	0	0	0	0	162	122	263	265	287	234	0	0	0
29	0	0	0	0	---	0	160	127	263	263	287	181	0	0	0
30	0	0	0	0	---	0	157	134	258	260	283	191	0	0	0
31	0	---	0	0	---	0	---	162	---	258	285	---	0	---	0
S. F.	3628	0	0	0	0	0	2055	4364	7753	7084	8415	8353	621	0	0
Mean	117	0	0	0	0	0	68	141	258	229	271	273	20	0	0
Max.	327	0	0	0	0	0	162	247	296	298	324	359	168	0	0
Min.	0	0	0	0	0	0	0	43	170	170	236	181	0	0	0
A. F.	7200	0	0	0	0	0	4080	8660	15380	14050	16690	16570	1230	0	0

Water diverted 1982 Water Year 82630 A.F.
 Water diverted 1982 Calendar Year 76660 A.F.

DAILY DIVERSIONS OF CANALS--1982
 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 - September, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	22	0	157	24	24	5	20
2	26	0	157	10	31	33	33
3	22	0	158	0	17	56	34
4	6	0	153	11	5	79	35
5	18	0	155	0	4	90	37
6	22	0	181	8	2	83	15
7	21	0	20	1	17	80	25
8	12	0	19	0	18	78	43
9	12	0	15	0	19	68	29
10	0	0	16	6	35	68	45
11	23	0	10	15	33	64	30
12	19	0	0	0	44	61	5
13	0	0	0	19	63	67	0
14	0	0	0	31	50	19	7
15	0	0	15	12	57	15	10
16	0	65	26	40	67	29	30
17	0	101	36	15	55	29	33
18	0	112	75	7	60	11	41
19	0	155	20	3	64	15	61
20	0	134	0	7	76	29	57
21	0	130	26	14	69	22	11
22	0	129	22	26	67	26	34
23	0	141	0	12	68	33	20
24	0	155	12	0	79	52	23
25	0	155	16	86	76	50	43
26	0	151	44	0	94	57	0
27	0	148	10	2	18	85	0
28	0	162	18	13	0	56	25
29	0	160	22	17	0	34	29
30	0	157	3	13	3	26	41
31	0	---	45	---	12	28	---
S. F.	203	2055	1431	392	1227	1448	816
Mean	7	68	46	13	40	47	27
Max.	26	162	181	86	94	90	61
Min.	0	0	0	0	0	5	0
A. F.	400	4080	2840	780	2430	2870	1620

Water Diverted 1982 Water Year 15020 A. F.
 Water Diverted 1982 Calendar Year 14620 A. F.
 Acreage reported D-1023-3641; A-8399-1553; A-9844-768;
 A-10168-0; A-10871-300; A-14859-390; Total-6752

PLATTE RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 KEARNEY POWER RETURN to Platte River
 Measured in section of canal--NE 1/4 Sec. 3-8-16 W. in Kearney
 Period of Record: October, 1939 - December, 1982

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	276	0	0	0	0	0	0	0	210	230	229	237	156	0	0
2	279	0	0	0	0	0	0	0	221	245	193	225	125	0	0
3	276	0	0	0	0	0	0	0	229	260	168	224	110	0	0
4	270	0	0	0	0	0	0	0	227	253	151	223	66	0	0
5	254	0	0	0	0	0	0	9	232	240	139	221	57	0	0
6	256	0	0	0	0	0	0	0	230	233	142	225	62	0	0
7	266	0	0	0	0	0	0	124	240	219	144	216	8	0	0
8	263	0	0	0	0	0	0	188	241	206	150	206	0	0	0
9	259	0	0	0	0	0	0	192	238	197	161	208	0	0	0
10	245	0	0	0	0	0	0	191	227	188	169	197	0	0	0
11	211	0	0	0	0	0	0	198	221	190	176	196	0	0	0
12	215	0	0	0	0	0	0	194	219	188	187	219	0	0	0
13	116	0	0	0	0	0	0	175	140	179	190	246	0	0	0
14	0	0	0	0	0	0	0	55	210	170	253	272	0	0	0
15	0	0	0	0	0	0	0	26	206	128	260	273	0	0	0
16	0	0	0	0	0	0	0	21	237	100	249	282	0	0	0
17	0	0	0	0	0	0	0	27	258	109	273	290	0	0	0
18	0	0	0	0	0	0	0	42	264	102	275	294	0	0	0
19	0	0	0	0	0	0	0	143	263	103	242	276	0	0	0
20	0	0	0	0	0	0	0	143	259	103	227	280	0	0	0
21	0	0	0	0	0	0	0	92	253	106	245	277	0	0	0
22	0	0	0	0	0	0	0	91	240	97	240	267	0	0	0
23	0	0	0	0	0	0	0	85	251	94	233	268	0	0	0
24	0	0	0	0	0	0	0	45	241	84	214	266	0	0	0
25	0	0	0	0	0	0	0	43	135	89	216	247	0	0	0
26	0	0	0	0	0	0	0	70	250	107	211	227	0	0	0
27	0	0	0	0	0	0	0	102	245	249	185	182	0	0	0
28	0	0	0	0	0	0	0	96	232	251	214	193	0	0	0
29	0	0	0	0	-	0	0	97	228	249	234	141	0	0	0
30	0	0	0	0	-	0	0	121	227	238	238	139	0	0	0
31	0	-	0	0	-	0	-	108	---	228	238	---	0	-	0
S. F.	3186	0	0	0	0	0	0	2669	6874	5435	6446	7017	584	0	0
Mean	103	0	0	0	0	0	0	86	229	175	208	234	19	0	0
Max.	279	0	0	0	0	0	0	198	264	260	275	294	156	0	0
Min.	0	0	0	0	0	0	0	0	135	84	139	139	0	0	0
A. F.	6320	0	0	0	0	0	0	5290	13630	10780	12790	13920	1160	0	0

Water Returned 1982 Water Year 62730 A. F.
 Water Returned 1982 Calendar Year 57570 A. F.

PLATTE RIVER BASIN

(LOUP RIVER)

DAILY DIVERSIONS OF CANALS--1982
SARGENT CANAL from Middle Loup River--Measured through
10-foot Parshall flume--NW¼NE¼ Sec. 32-21-21 W. near Milburn
Period of Record: April, 1957 - September, 1982

Date	Oct.	May	June	July	Aug.	Sept.
1	41	0	0	78	237	43
2	8	0	0	71	224	43
3	0	0	0	67	228	44
4	0	0	0	66	244	44
5	0	0	0	65	143	43
6	0	0	0	79	85	43
7	0	0	16	88	83	56
8	0	0	53	111	82	78
9	0	0	53	136	86	78
10	0	0	51	162	84	60
11	0	0	52	182	81	64
12	0	0	51	199	74	79
13	0	0	51	201	65	74
14	0	0	51	226	65	61
15	0	0	47	232	66	66
16	0	0	41	241	70	69
17	0	0	35	256	78	64
18	0	0	43	258	85	48
19	0	0	56	262	98	49
20	0	0	55	263	64	16
21	0	0	57	263	43	0
22	0	0	56	263	48	0
23	0	0	59	258	48	0
24	0	0	46	258	40	0
25	0	0	8	262	34	0
26	0	0	0	265	32	0
27	0	0	0	260	34	0
28	0	0	0	244	32	0
29	0	0	43	243	31	0
30	0	0	76	242	32	0
31	0	0	--	243	36	--
S.F.	49	0	1000	6044	2652	1122
Mean	2	0	33	195	86	37
Max.	41	0	76	265	244	79
Min.	0	0	0	65	31	0
A.F.	100	0	1980	11990	5260	2230

Water diverted 1982 Water Year 21560 A.F.
Water diverted 1982 Calendar Year 21460 A.F.
Acreage reported A-4841a-13828; A-10260c-Supp;
A-12433-67; A-12632-56; A-15029-70; Total-14021

DAILY DIVERSIONS OF CANALS--1982
MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 1 from Middle Loup River--Measured through
rating flume--SW¼NW¼ Sec. 14-19-18 W. near Sargent
Period of Record: March, 1938 - September, 1943
May, 1947 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	4	9	52	10
2	0	5	11	52	9
3	0	6	11	54	8
4	0	6	10	55	8
5	0	6	9	35	3
6	0	7	9	19	7
7	0	9	21	18	8
8	0	12	27	17	9
9	0	12	29	17	9
10	0	12	31	17	9
11	0	12	31	16	11
12	0	12	39	15	8
13	0	9	42	14	10
14	0	7	45	13	10
15	0	6	46	12	7
16	0	7	47	17	1
17	0	7	49	18	0
18	14	7	49	21	0
19	22	7	49	24	0
20	16	7	52	26	0
21	14	14	53	23	0
22	11	18	54	20	0
23	7	13	52	19	0
24	10	13	52	14	0
25	9	14	52	11	0
26	9	12	52	11	0
27	9	12	52	10	0
28	7	11	53	10	0
29	6	9	52	10	0
30	5	9	51	10	0
31	4	--	52	10	--
S.F.	143	285	1191	660	132
Mean	5	10	38	21	4
Max.	22	18	54	55	11
Min.	0	4	9	10	0
A.F.	280	560	2360	1310	260

Water diverted 1982 Water Year 4770 A.F.
Water diverted 1982 Calendar Year 4770 A.F.
Acreage reported A-2293-2360; A-3979a-Supp;
A-3979a-1162; A-3981a-Supp; A-3981a-185;
A-8692-43; A-8930-63; Total-3813

DAILY DIVERSIONS OF CANALS--1982
MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 2 from Middle Loup River--Measured through
rating flume--NE¼NW¼ Sec. 14-19-18 W. near Sargent
Period of Record: May, 1938 - September, 1943
May, 1947 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	14	7	56	12
2	0	14	7	56	11
3	0	14	6	58	8
4	0	12	8	58	8
5	0	12	23	30	8
6	0	12	30	24	8
7	0	12	30	24	9
8	0	12	28	23	19
9	0	13	26	18	21
10	0	15	24	17	26
11	0	4	23	15	23
12	0	0	23	14	21
13	0	0	24	15	25
14	0	0	28	14	14
15	0	4	36	14	3
16	0	12	48	27	0
17	0	22	52	31	0
18	12	28	51	30	0
19	21	26	55	44	0
20	21	24	58	31	0
21	20	22	59	15	0
22	19	26	60	15	0
23	14	19	59	14	0
24	15	20	60	15	0
25	19	22	61	12	0
26	17	22	61	12	0
27	17	22	61	12	0
28	15	21	62	12	0
29	16	11	60	12	0
30	15	7	57	12	0
31	15	--	57	12	--
S.F.	236	442	1244	742	216
Mean	8	15	40	24	7
Max.	21	28	62	58	26
Min.	0	0	6	12	0
A.F.	470	880	2470	1470	430

Water diverted 1982 Water Year 5720 A.F.
Water diverted 1982 Calendar Year 5720 A.F.
Acreage reported A-2293-2536; A-2678-212;
A-3979b-Supp; A-3979b-3348; A-3981b-Supp;
A-3981b-370; A-4131-110; A-6623-40; A-12842-
76; Total-6692

DAILY DIVERSIONS OF CANALS--1982
MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 3 from Middle Loup River--Measured through
rating flume--SW¼NW¼ Sec. 6-17-16 W. near Comstock
Period of Record: April, 1938 - September, 1943
May, 1947 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	115	22
2	0	0	0	115	22
3	0	41	0	121	22
4	0	58	34	124	22
5	0	44	71	117	26
6	0	43	73	107	32
7	0	45	79	104	38
8	0	44	79	103	48
9	0	44	85	101	48
10	0	44	89	86	45
11	0	44	88	49	41
12	0	43	94	28	40
13	0	44	98	26	33
14	0	43	101	25	32
15	0	43	108	24	12
16	0	43	116	24	0
17	0	42	118	23	0
18	0	42	116	30	0
19	0	42	117	44	0
20	0	40	117	36	0
21	0	40	115	29	0
22	0	39	113	24	0
23	0	39	115	24	0
24	0	38	120	24	0
25	0	38	121	25	0
26	0	37	122	24	0
27	0	37	123	24	0
28	0	37	125	24	0
29	0	37	123	23	0
30	0	12	119	22	0
31	0	--	116	22	--
S.F.	0	1143	2895	1667	483
Mean	0	38	93	54	16
Max.	0	58	125	124	48
Min.	0	0	0	22	0
A.F.	0	2270	5740	3310	960

Water diverted 1982 Water Year 12280 A.F.
Water diverted 1982 Calendar Year 12280 A.F.
Acreage reported A-2293-4277; A-2678-110;
A-3979cR-Supp; A-3979cR-7414; A-3981cR-Supp;
A-3981cR-87; A-4360-117; A-12179-40; A-12768-
0; A-13682-56; Total-12101

PLATTE RIVER BASIN

(LOUP RIVER)

DAILY DIVERSIONS OF CANALS--1982
MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 4 from Middle Loup River--Measured through
rating flume--SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 31-18-16 W. near Comstock
Period of Record: May, 1938 - September, 1943
May, 1947 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	41	26	137	18
2	0	62	22	138	18
3	0	54	30	149	18
4	0	51	44	160	19
5	0	51	42	137	19
6	0	50	40	137	20
7	0	45	55	144	16
8	0	48	89	130	18
9	0	46	90	108	31
10	0	38	107	71	48
11	0	33	98	50	45
12	0	33	91	47	43
13	0	34	98	38	37
14	0	34	102	36	32
15	0	34	107	36	12
16	0	34	116	36	0
17	0	34	116	32	0
18	0	38	116	39	0
19	0	38	127	42	0
20	0	38	142	36	0
21	0	38	144	31	0
22	0	39	145	30	0
23	0	40	142	24	0
24	0	42	134	23	0
25	0	40	144	23	0
26	0	34	145	22	0
27	0	34	150	20	0
28	0	28	155	20	0
29	0	28	160	19	0
30	0	27	153	19	0
31	0	--	135	18	--
S. F.	0	1186	3265	1952	394
Mean	0	40	105	63	13
Max.	0	62	160	160	48
Min.	0	27	22	18	0
A. F.	0	2350	6480	3870	780

Water diverted 1982 Water year 13480 A.F.
Water diverted 1982 Calendar year 13480 A.F.
Acreage reported A-2293R-5986; A-2678R-84;
A-3979dR-Supp; A-3979dR-4234; A-3981dR-Supp;
A-3981dR-657; 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--1982
FARNELL CANAL from Middle Loup River--Measured through
25-foot Parshall flume--NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 35-18-17 W. near Comstock
Period of Record: November, 1963 - October, 1982

Date	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	0	0	405	118	339	139	397	72
2	0	0	405	132	344	114	405	28
3	0	0	402	93	339	83	405	0
4	0	0	405	56	320	104	405	0
5	0	0	405	62	315	273	400	0
6	0	0	405	65	337	431	402	0
7	0	0	405	69	339	445	387	0
8	0	0	400	65	384	410	392	0
9	0	0	402	56	400	431	405	0
10	0	0	405	79	366	535	406	0
11	0	0	402	83	372	594	410	0
12	0	0	402	84	342	615	392	0
13	0	0	372	84	315	603	410	0
14	0	0	310	81	262	609	413	0
15	0	30	296	84	205	609	389	0
16	0	73	294	84	177	609	413	0
17	0	128	280	109	134	609	405	0
18	20	148	251	215	107	567	405	0
19	51	179	240	226	106	506	397	0
20	42	234	219	226	77	535	397	0
21	24	264	185	223	76	591	410	0
22	11	318	175	228	86	600	413	0
23	0	377	168	251	62	603	413	0
24	0	405	175	301	44	606	334	0
25	0	397	177	308	42	573	296	0
26	0	410	149	310	40	486	301	0
27	0	410	127	315	50	453	273	0
28	0	410	128	318	81	421	217	0
29	0	410	130	330	117	402	164	0
30	0	410	130	337	155	405	125	0
31	0	---	117	---	157	402	---	0
S. F.	148	4603	8766	4992	6490	14363	10983	100
Mean	5	153	283	166	209	463	366	3
Max.	51	410	405	337	400	615	413	72
Min.	0	0	117	56	40	83	125	0
A. F.	290	9130	17390	9900	12870	28490	21780	200

Water diverted 1982 Water Year 99850 A.F.
Water diverted 1982 Calendar Year 100050 A.F.
Acreage reported A-4423-48312; A-5710-1485; A-10260a & b-
Suppl; A-10470-320; Total-50117

DAILY DIVERSIONS OF CANALS--1982

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1982

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	280	560	2360	1310	260	4770
Canal No. 2.....	470	880	2470	1470	430	5720
Canal No. 3.....	0	2270	5740	3310	960	12280
Canal No. 4.....	0	2350	6480	3870	780	13480
Total diversions.....	750	6060	17050	9960	2430	36250

DAILY DIVERSIONS OF CANALS--1982
FARNELL "MAIN" CANAL from Middle Loup River
Measured through six constant head orifice gates
NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 1-15-14 W. Below Sherman Reservoir
Period of Record: October, 1964 - September 1982

Date	May	June	July	Aug.	Sept.
1	0	0	165	412	118
2	0	0	162	449	137
3	0	0	155	493	177
4	0	0	152	520	225
5	0	0	158	514	236
6	0	0	179	441	270
7	0	0	195	401	278
8	0	0	212	395	292
9	0	0	236	382	288
10	0	0	197	287	259
11	0	0	165	270	230
12	0	0	160	262	221
13	0	0	162	241	180
14	0	0	165	212	113
15	0	0	170	202	32
16	0	0	190	206	0
17	0	0	240	230	0
18	0	53	256	291	0
19	0	97	344	284	0
20	0	97	426	302	0
21	0	97	481	190	0
22	0	97	498	148	0
23	0	99	498	148	0
24	0	116	493	114	0
25	0	114	493	102	0
26	0	116	509	91	0
27	0	116	525	89	0
28	0	116	520	89	0
29	0	126	509	89	0
30	0	156	483	90	0
31	0	---	424	98	0
S. F.	0	1400	9522	8042	3056
Mean	0	47	307	259	101
Max.	0	156	525	520	292
Min.	0	0	152	89	0
A. F.	0	2780	18690	15950	6060

Water Diverted 1982 Water Year 43680 A.F.
Water Diverted 1982 Calendar Year 43680 A.F.

PLATTE RIVER BASIN

(LOUP RIVER)

DAILY DIVERSIONS OF CANALS--1982
 FARWELL "SOUTH" CANAL from Middle Loup River
 Measured through four constant head orifice gates
 NW¼SW¼ Sec. 1-15-14 W. Below Sherman Reservoir
 Period of Record: October, 1965 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	89	286	50
2	0	0	87	289	48
3	0	0	83	296	57
4	0	0	83	308	72
5	0	0	84	312	76
6	0	0	85	286	86
7	0	0	85	268	99
8	0	0	95	264	123
9	0	0	110	264	136
10	0	0	108	257	134
11	0	0	104	240	134
12	0	0	108	235	134
13	0	0	123	216	110
14	0	0	139	189	84
15	0	0	163	184	26
16	0	0	207	169	0
17	0	0	245	164	0
18	0	29	256	161	0
19	0	51	260	161	0
20	0	50	273	150	0
21	0	50	306	98	0
22	0	56	315	78	0
23	0	59	326	65	0
24	0	69	326	60	0
25	0	72	322	56	0
26	0	72	326	50	0
27	0	74	326	49	0
28	0	74	326	43	0
29	0	85	329	47	0
30	0	89	319	42	0
31	0	--	292	48	--
S.F.	0	830	6290	5340	1369
Mean	0	28	203	172	46
Max.	0	89	329	312	136
Min.	0	0	83	42	0
A.F.	0	1650	12480	10590	2720
Water diverted 1982 Water Year	27440 A.F.				
Water diverted 1982 Calendar Year	27440 A.F.				

DAILY DIVERSIONS OF CANALS--1982
 FARWELL MAIN and SOUTH CANALS (Combined Flow)
 NW¼SW¼ Sec. 1-15-14 W. Below Sherman Reservoir
 Period of Record: October, 1965 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	254	698	168
2	0	0	249	738	185
3	0	0	238	789	234
4	0	0	235	828	297
5	0	0	242	826	312
6	0	0	264	727	356
7	0	0	280	669	377
8	0	0	307	659	415
9	0	0	346	646	424
10	0	0	305	544	393
11	0	0	269	510	364
12	0	0	268	497	355
13	0	0	285	457	290
14	0	0	304	401	197
15	0	0	333	386	58
16	0	0	397	375	0
17	0	0	485	394	0
18	0	82	512	452	0
19	0	148	604	445	0
20	0	147	699	452	0
21	0	147	787	288	0
22	0	153	813	226	0
23	0	158	824	213	0
24	0	185	819	174	0
25	0	186	815	158	0
26	0	188	835	141	0
27	0	190	851	138	0
28	0	190	846	137	0
29	0	211	838	136	0
30	0	245	802	132	0
31	0	--	716	146	--
S.F.	0	2230	15812	13382	4425
Mean	0	74	510	431	148
Max.	0	245	851	828	424
Min.	0	0	235	132	0
A.F.	0	4430	31370	26540	8780
Water released 1982 Water Year	71120 A.F.				
Water released 1982 Calendar Year	71120 A.F.				

DAILY DIVERSIONS OF CANALS--1982
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 TAYLOR-ORD CANAL from North Loup River--Measured through
 rating flume--NE¼NW¼ Sec. 20-21-18 W. near Taylor
 Period of Record: April, 1939 - September, 1943
 May, 1947 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	50	56	215	106
2	0	56	55	217	106
3	0	55	58	222	106
4	0	50	56	224	99
5	0	54	58	211	95
6	0	54	60	198	94
7	0	56	61	178	87
8	0	51	62	179	99
9	0	53	73	184	98
10	73	54	85	171	97
11	100	45	88	162	102
12	71	56	95	152	99
13	79	55	101	149	75
14	73	55	112	155	62
15	52	52	126	151	54
16	59	51	126	150	55
17	56	53	136	151	56
18	55	54	159	168	55
19	54	56	167	171	54
20	55	56	190	178	54
21	51	53	204	171	55
22	47	55	210	147	51
23	50	53	216	153	48
24	52	52	222	141	46
25	50	55	216	119	49
26	46	56	219	120	46
27	50	57	219	121	17
28	51	54	217	123	0
29	48	55	218	127	0
30	53	55	218	121	0
31	53	--	216	99	--
S.F.	1278	1611	4299	5028	1965
Mean	41	54	139	162	66
Max.	100	57	222	224	106
Min.	0	45	55	99	0
A.F.	2530	3200	8530	9970	3900
Water diverted 1982 Water Year	29130 A.F.				
Water diverted 1982 Calendar Year	29130 A.F.				
Acreage reported A-2155-136; A-2312-12413; A-2417R-183; A-3215a-863; A-3768R-54; A-3980a- Suppl; A-3980a-1326; A-3982a-Supp; A-4400-29; A-6430-54; A-7600-12; A-7854-29; A-10199-34; A-11379-8; A-11447-24; A-11648-11; A-11706-35; A-13475-28; A-15442-6; A-15460-23; A-15569-16; A-15821-30; Total-15314					

DAILY DIVERSIONS OF CANALS--1982
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 BURWELL-SUMTER CANAL from North Loup River--Measured through
 rating flume--NE¼NW¼ Sec. 19-21-15 W. near Burwell
 Period of Record: April, 1939 - September, 1943
 May, 1947 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	26	30	110	34
2	0	25	28	113	46
3	0	23	28	116	49
4	0	21	27	118	44
5	0	21	24	113	34
6	64	19	25	120	32
7	40	19	28	118	34
8	31	18	37	118	34
9	31	12	36	120	36
10	29	17	44	109	35
11	26	18	50	117	34
12	27	7	49	119	34
13	29	6	46	118	35
14	29	8	40	115	35
15	30	5	49	118	23
16	30	3	50	119	22
17	29	3	50	121	22
18	29	3	54	107	22
19	28	3	61	107	22
20	28	3	81	116	22
21	28	3	86	112	23
22	29	3	96	109	22
23	28	9	100	107	17
24	30	35	101	101	15
25	31	30	107	81	15
26	30	30	104	70	15
27	30	33	107	72	8
28	28	34	109	54	0
29	28	33	113	55	0
30	30	32	112	53	0
31	27	--	111	49	--
S.F.	799	502	1983	3175	764
Mean	26	17	64	102	25
Max.	64	35	113	121	49
Min.	0	3	24	49	0
A.F.	1580	1000	3930	6300	1520
Water diverted 1982 Water Year	14330 A.F.				
Water diverted 1982 Calendar Year	14330 A.F.				
Acreage reported A-2312-5683; A-3215b-1121; A-3772-75; A-3828-39; A-3980b-Supp; A-3980b- 1347; A-3982b-Supp; A-5133-52; 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- 37; A-14566-70; A-14777-56; A-14778-34; A-15935- 54; Total-8887					

PLATTE RIVER BASIN
(LOUP RIVER)

DAILY DIVERSIONS OF CANALS--1982
NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
ORD-NORTH LOUP CANAL from North Loup River--Measured through
rating flume--NW¼NE¼ Sec. 36-19-14 W. near Ord
Period of Record: April, 1939 - September, 1943
May, 1947 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	16	21	107	40
2	0	17	21	108	40
3	47	16	21	108	37
4	33	16	21	109	31
5	21	15	20	112	29
6	20	15	20	111	30
7	20	15	20	112	30
8	21	15	20	110	30
9	22	14	19	110	31
10	21	14	19	87	29
11	22	14	19	56	24
12	22	14	19	59	24
13	22	14	21	59	24
14	22	14	26	59	22
15	22	14	27	60	20
16	22	14	33	60	20
17	21	14	40	60	20
18	22	14	47	62	20
19	22	14	55	61	19
20	26	14	68	62	19
21	22	14	81	54	19
22	22	14	95	54	16
23	21	14	101	54	15
24	22	15	105	44	15
25	21	14	104	35	15
26	20	14	105	37	15
27	19	14	103	37	7
28	19	14	106	40	0
29	19	14	107	41	0
30	18	14	107	42	0
31	16	--	107	42	--
S.F.	647	434	1678	2152	641
Mean	21	14	54	69	21
Max.	47	17	107	112	40
Min.	0	14	19	35	0
A.F.	1280	860	3330	4270	1270

Water diverted 1982 Water Year 11010 A.F.
Water diverted 1982 Calendar Year 11010 A.F.
Acreage reported A-2312-5647; A-3215c-325;
A-3672-58; A-3980c-Supp; A-3980c-570; A-3982c-
Supp; A-4231-26; A-10209-87; A-10583-74;
A-10584-77; A-10842-23; A-14120-48; A-14741-14;
A-14814-40; A-15031-75; A-15236-40; A-15898-12;
A-16082-16; Total-7132

DAILY DIVERSIONS OF CANALS--1982
NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1982

	May	June	July	Aug.	Sept.	Total
Diversions:						
Taylor-Ord Canal.....	2530	3200	8530	9970	3900	28130
Burwell-Sumter Canal.	1580	1000	3930	6300	1520	14330
Ord-North Loup Canal.	1280	860	3330	4270	1270	11010
Total diversion.....	5390	5060	15790	20540	6690	53470

PLATTE RIVER BASIN
(SALT CREEK)

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

On the Olive Creek Branch of Salt Creek--Sec. 10-7-5E. Salt Valley project near Lincoln.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	856	-47
Oct. 31, 1981	826	-30
Nov. 30, 1981	880	+54
Dec. 31, 1981	847	-33
Jan. 31, 1982	835	-12
Feb. 28, 1982	1,092	+257
Mar. 31, 1982	1,181	+88
Apr. 30, 1982	1,301	+120
May 31, 1982	1,580	+279
June 30, 1982	1,504	-76
July 31, 1982	1,423	-81
Aug. 31, 1982	1,361	-62
Sept. 30, 1982	1,309	-52
Oct. 31, 1982	1,269	-40
Nov. 30, 1982	1,236	-33
Dec. 31, 1982	1,245	+9
Change in Storage September 30, 1981 through December 31, 1982		+389

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

On Salt Creek Tributary--Sec. 30-8-6E. Salt Valley Project near Lincoln.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	2,022	+359
Oct. 31, 1981	1,920	-102
Nov. 30, 1981	2,046	+126
Dec. 31, 1981	2,080	+34
Jan. 31, 1982	2,044	-36
Feb. 28, 1982	2,795	+751
Mar. 31, 1982	3,104	+309
Apr. 30, 1982	3,268	+164
May 31, 1982	3,490	+222
June 30, 1982	3,101	-389
July 31, 1982	2,962	-139
Aug. 31, 1982	2,822	-140
Sept. 30, 1982	2,748	-74
Oct. 31, 1982	2,617	-131
Nov. 30, 1982	2,564	-53
Dec. 31, 1982	2,550	-14
Change in Storage September 30, 1981 through December 31, 1982		+528

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

On Salt Creek Tributary--Sec. 36-8-7E. Salt Valley project near Lincoln.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	1,709	-71
Oct. 31, 1981	1,647	-62
Nov. 30, 1981	1,707	+60
Dec. 31, 1981	1,716	+9
Jan. 31, 1982	1,707	-9
Feb. 28, 1982	2,190	+483
Mar. 31, 1982	2,518	+328
Apr. 30, 1982	2,612	+94
May 31, 1982	3,089	+477
June 30, 1982	2,564	-525
July 31, 1982	2,474	-90
Aug. 31, 1982	2,589	+115
Sept. 30, 1982	2,498	-91
Oct. 31, 1982	2,442	-56
Nov. 30, 1982	2,495	+53
Dec. 31, 1982	2,530	+35
Change in Storage September 30, 1981 through December 31, 1982		+821

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

On the South Branch of Salt Creek--Sec. 4-7-7E. Salt Valley project near Lincoln.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	1,860	-11
Oct. 31, 1981	1,849	-11
Nov. 30, 1981	1,918	+69
Dec. 31, 1981	1,866	-52
Jan. 31, 1982	1,875	-188
Feb. 28, 1982	1,956	+81
Mar. 31, 1982	1,956	0
Apr. 30, 1982	1,995	+39
May 31, 1982	2,453	+458
June 30, 1982	1,942	-547
July 31, 1982	1,938	-4
Aug. 31, 1982	1,946	+8
Sept. 30, 1982	1,934	-12
Oct. 31, 1982	1,928	-6
Nov. 30, 1982	1,936	+8
Dec. 31, 1982	1,942	+6
Change in Storage September 30, 1981 through December 31, 1982		+82

PLATTE RIVER BASIN

(SALT CREEK)

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

On Cardwell Branch of Salt Creek--Sec. 19-9-6E. Salt Valley project near Lincoln.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	1,201	+162
Oct. 31, 1981	1,146	-55
Nov. 30, 1981	1,189	+43
Dec. 31, 1981	1,201	+12
Jan. 31, 1982	1,190	-11
Feb. 28, 1982	1,650	+460
Mar. 31, 1982	1,904	+254
Apr. 30, 1982	2,080	+176
May 31, 1982	2,364	+284
June 30, 1982	2,121	-243
July 31, 1982	2,044	-77
Aug. 31, 1982	2,123	+79
Sept. 30, 1982	2,033	-90
Oct. 31, 1982	2,008	-25
Nov. 30, 1982	2,018	+10
Dec. 31, 1982	2,052	+34
Change in Storage September 30, 1981 through December 31, 1982		+851

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

On Holmes Creek Tributary to Salt Creek--Sec. 10-9-5E. Salt Valley project near Lincoln.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	2,180	-60
Oct. 31, 1981	2,122	-58
Nov. 30, 1981	2,182	+60
Dec. 31, 1981	2,206	+24
Jan. 31, 1982	2,206	0
Feb. 28, 1982	2,633	+427
Mar. 31, 1982	2,633	0
Apr. 30, 1982	2,710	+77
May 31, 1982	2,751	+41
June 30, 1982	2,638	-113
July 31, 1982	2,559	-79
Aug. 31, 1982	2,701	+142
Sept. 30, 1982	2,409	-292
Oct. 31, 1982	2,517	+108
Nov. 30, 1982	2,606	+89
Dec. 31, 1982	2,627	+21
Change in Storage September 30, 1981 through December 31, 1982		+447

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

On the South Branch of Middle Creek--Sec. 22-10-4E. Salt Valley project near Lincoln.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	1,851	-32
Oct. 31, 1981	1,809	-42
Nov. 30, 1981	1,864	+55
Dec. 31, 1981	1,876	+12
Jan. 31, 1982	1,872	-4
Feb. 28, 1982	2,393	+521
Mar. 31, 1982	2,786	+393
Apr. 30, 1982	2,915	+129
May 31, 1982	2,939	+24
June 30, 1982	2,852	-87
July 31, 1982	2,789	-63
Aug. 31, 1982	2,889	+100
Sept. 30, 1982	2,842	-47
Oct. 31, 1982	2,821	-21
Nov. 30, 1982	2,844	+23
Dec. 31, 1982	2,855	+11
Change in Storage September 30, 1981 through December 31, 1982		+1,004

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

On the North Branch of Middle Creek--Sec. 16-10-5E. Salt Valley project near Lincoln.

October 1981 through December 1982
Period of Published Record October 1977-December 1982

Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	7,973	-153
Oct. 31, 1981	7,812	-161
Nov. 30, 1981	8,043	+231
Dec. 31, 1981	8,113	+70
Jan. 31, 1982	8,161	+48
Feb. 28, 1982	8,765	+604
Mar. 31, 1982	8,714	-51
Apr. 30, 1982	8,765	+59
May 31, 1982	8,898	+133
June 30, 1982	8,772	-126
July 31, 1982	8,552	-220
Aug. 31, 1982	8,971	+419
Sept. 30, 1982	7,961	-1,010
Oct. 31, 1982	8,434	+473
Nov. 30, 1982	8,610	+176
Dec. 31, 1982	8,677	+67
Change in Storage September 30, 1981 through December 31, 1982		+704

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. Salt Valley project near Lincoln.

October 1981 through December 1982 Period of Published Record October 1977-December 1982		
Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	802	+264
Oct. 31, 1981	724	-78
Nov. 30, 1981	760	+36
Dec. 31, 1981	732	-28
Jan. 31, 1982	703	-29
Feb. 28, 1982	799	+96
Mar. 31, 1982	801	+2
Apr. 30, 1982	825	+24
May 31, 1982	875	+50
June 30, 1982	816	-59
July 31, 1982	763	-53
Aug. 31, 1982	871	+108
Sept. 30, 1982	800	-71
Oct. 31, 1982	768	-32
Nov. 30, 1982	779	+11
Dec. 31, 1982	798	+19
Change in Storage September 30, 1981 through December 31, 1982		-4

BRANCHED OAK LAKE (NO. 18) STORAGE IN ACRE FEET
On Oak Creek Tributary to Salt Creek--Sec. 34-12-5E. Salt Valley project near Lincoln.

October 1981 through December 1982 Period of Published Record October 1977-December 1982		
Date	Contents (acre-feet)	Change in Contents (acre-feet)
Sept. 30, 1981	25,801	-537
Oct. 31, 1981	25,434	-367
Nov. 30, 1981	26,048	+614
Dec. 31, 1981	26,229	+181
Jan. 31, 1982	26,302	+73
Feb. 28, 1982	27,587	+1,303
Mar. 31, 1982	27,297	-290
Apr. 30, 1982	26,845	-452
May 31, 1982	28,103	+1,258
June 30, 1982	27,935	-168
July 31, 1982	26,628	-1,307
Aug. 31, 1982	27,152	+524
Sept. 30, 1982	26,845	-307
Oct. 31, 1982	26,917	+72
Nov. 30, 1982	26,917	0
Dec. 31, 1982	27,134	+217
Change in Storage September 30, 1981 through December 31, 1982		+1,333

REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 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, 1941 - September, 1941
 July, 1949 - September, 1956
 April, 1962 - October, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	16	0	33	0	0	26	26	14
2	14	0	32	0	0	26	24	13
3	18	0	40	0	0	24	26	12
4	17	0	38	0	0	27	24	14
5	16	0	33	0	0	30	22	16
6	19	0	23	0	20	30	24	17
7	22	0	23	0	20	30	21	20
8	23	0	24	0	20	35	24	21
9	22	0	22	0	21	34	24	7
10	23	0	20	0	20	35	27	0
11	24	0	21	0	20	29	18	0
12	24	0	21	0	22	28	20	0
13	23	0	18	0	28	27	19	0
14	23	0	24	0	35	28	18	0
15	23	0	14	0	32	36	14	0
16	19	0	17	0	27	35	13	0
17	19	0	17	0	30	34	15	0
18	21	0	18	0	32	34	14	0
19	14	0	20	0	28	34	13	0
20	19	0	18	0	29	33	12	0
21	17	0	17	0	30	33	13	0
22	17	0	21	0	29	33	13	0
23	22	0	15	0	28	30	13	0
24	12	0	24	0	27	23	13	0
25	0	0	22	0	25	24	13	0
26	0	43	16	0	25	32	13	0
27	0	43	16	0	26	27	12	0
28	0	44	17	0	30	27	12	0
29	0	31	16	0	30	25	14	0
30	0	34	0	0	27	26	14	0
31	0	--	0	--	27	30	--	0
S.F.	467	195	640	0	688	925	528	134
Mean	15	6	21	0	22	30	18	4
Max.	24	44	40	0	35	36	27	21
Min.	0	0	0	0	0	23	12	0
A.F.	930	390	1270	0	1360	1830	1050	270
Water diverted 1982 Water Year 6830 A.F.								
Water diverted 1982 Calendar Year 6170 A.F.								

DAILY DIVERSIONS OF CANALS--1982
 MEEKER-DRIFTWOOD CANAL from Republican River
 Measured through 12-foot Parshall flume
 SW¼NW¼ Sec. 9-2-33 W. Below Trenton Dam
 Period of Record: May, 1957 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	63	274	98
2	0	0	64	274	89
3	0	0	65	284	86
4	0	0	66	289	85
5	0	0	66	276	85
6	0	0	73	264	85
7	0	0	92	262	85
8	0	0	113	262	94
9	0	0	140	262	96
10	0	0	137	262	89
11	0	0	131	249	87
12	0	0	146	229	87
13	0	0	175	211	67
14	0	0	192	206	48
15	0	0	209	206	40
16	0	0	230	156	34
17	0	0	237	118	25
18	0	0	238	98	22
19	0	0	267	90	22
20	0	0	303	98	8
21	0	0	313	101	0
22	0	80	312	101	0
23	0	75	312	87	0
24	0	75	312	74	0
25	0	75	312	76	0
26	0	75	313	84	0
27	0	75	313	92	0
28	0	68	313	93	0
29	0	63	303	93	0
30	0	63	282	130	0
31	0	--	274	125	--
S.F.	0	649	6366	5426	1332
Mean	0	22	205	175	44
Max.	0	80	313	289	98
Min.	0	0	63	74	0
A.F.	0	1290	12630	10760	2640
Water Diverted 1982 Water Year 27320 A.F.					
Water Diverted 1982 Calendar Year 27320 A.F.					

DAILY DIVERSIONS OF CANALS--1982
 CHAMPION CANAL from Frenchman River--Measured through rating
 flume--NE¼SE¼ 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, 1982

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	Oct.
1	3	0	9	10	8	2	2	7
2	4	0	8	10	8	2	2	7
3	4	0	8	10	7	2	2	8
4	4	0	8	8	7	2	2	8
5	5	0	8	4	7	2	2	8
6	5	0	9	4	7	2	2	8
7	5	0	10	4	6	2	2	8
8	5	0	10	4	6	2	2	8
9	5	0	9	4	7	2	2	9
10	6	0	9	6	7	2	4	9
11	6	0	9	8	7	2	5	9
12	6	0	9	8	7	2	5	9
13	6	0	10	9	7	2	5	1
14	0	0	10	9	7	3	6	0
15	0	0	10	11	7	2	6	0
16	0	0	10	11	7	2	6	0
17	0	0	10	10	7	2	6	0
18	0	0	10	10	4	2	6	0
19	0	0	10	10	4	2	7	0
20	0	0	10	9	2	2	7	0
21	0	8	10	8	2	2	7	0
22	0	8	10	8	2	2	7	0
23	0	8	10	7	2	2	7	0
24	0	8	9	5	2	2	7	0
25	0	8	10	5	2	2	7	0
26	0	8	9	5	2	2	7	0
27	0	8	9	5	2	2	7	0
28	0	9	9	7	2	2	7	0
29	0	9	9	7	2	2	7	0
30	0	9	10	8	2	2	7	0
31	0	--	10	--	2	2	--	0
S.F.	64	83	291	224	151	63	151	99
Mean	2	3	9	7	5	2	5	3
Max.	6	9	10	11	8	3	7	9
Min.	0	0	8	4	2	2	2	0
A.F.	130	160	580	440	300	120	300	200
Water Diverted 1982 Water Year 2030 A.F.								
Water Diverted 1982 Calendar Year 2100 A.F.								

DAILY DIVERSIONS OF CANALS--1982
 CULBERTSON CANAL from Frenchman River--Measured through
 18-foot Parshall flume--SW¼NE¼ Sec. 32-5-33 W. near Palisade
 Period of Record: June, 1920 - September, 1982

Date	Apr.	May	June	July	Aug.	Sept.
1	0	58	66	61	193	186
2	0	55	61	61	199	179
3	0	51	58	65	201	170
4	0	50	57	66	212	177
5	0	54	56	67	220	179
6	0	58	56	65	220	189
7	0	58	56	64	209	199
8	0	62	57	73	208	195
9	0	61	58	87	216	183
10	0	54	58	103	222	155
11	0	50	54	107	223	3
12	0	51	50	131	220	0
13	0	59	48	150	218	0
14	0	55	52	163	170	0
15	31	54	53	165	173	0
16	50	58	51	166	132	0
17	52	60	52	171	112	0
18	53	64	52	173	100	0
19	49	64	52	182	102	0
20	48	63	56	195	104	0
21	49	61	58	200	107	0
22	49	58	58	243	108	0
23	50	62	59	253	131	0
24	50	70	57	254	148	0
25	50	73	56	252	148	0
26	48	74	54	251	155	0
27	48	73	51	246	164	0
28	57	70	50	232	169	0
29	60	67	55	222	169	0
30	59	67	60	212	180	0
31	--	67	--	196	188	--
S.F.	803	1881	1661	4876	5321	1815
Mean	27	61	55	157	172	60
Max.	60	74	66	254	223	199
Min.	0	50	48	61	100	0
A.F.	1590	3730	3290	9670	10550	3600
Water Diverted 1982 Water Year 32430 A.F.						
Water Diverted 1982 Calendar Year 32430 A.F.						

REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 RIVERSIDE CANAL from Frenchman River
 Near Culbertson--NE $\frac{1}{2}$ SE $\frac{1}{4}$ 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 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	12	9
2	0	0	0	10	10
3	0	0	0	12	12
4	0	0	0	15	12
5	0	0	0	14	12
6	0	0	0	13	12
7	0	0	0	13	12
8	0	0	0	11	11
9	0	0	0	10	11
10	0	0	0	8	10
11	0	0	8	15	10
12	0	0	9	15	0
13	0	0	10	14	0
14	0	0	11	0	0
15	0	0	9	0	0
16	0	0	11	9	0
17	0	0	11	8	0
18	0	0	14	8	0
19	0	0	13	7	0
20	0	0	11	7	0
21	0	0	13	7	0
22	0	0	13	7	0
23	0	0	11	8	0
24	0	0	7	8	0
25	0	0	5	9	0
26	0	0	13	11	0
27	0	0	13	10	0
28	0	0	15	10	0
29	0	0	11	9	0
30	0	0	15	9	0
31	0	--	13	9	--
S.F.	0	0	236	298	121
Mean	0	0	8	10	4
Max.	0	0	15	15	12
Min.	0	0	0	0	0
A.F.	0	0	470	590	240
Water Diverted 1982	Water Year 1300 A.F. 1982 Water Year				
Water Diverted 1982	Calendar Year 1300 A.F. 1982 Calendar Year				

DAILY DIVERSIONS OF CANALS--1982
 RED WILLOW CANAL from Red Willow Creek--Measured through
 orifice check--SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-4-29 W. near Red Willow
 Period of Record: May, 1963 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	15	29
2	0	0	0	19	46
3	0	0	0	19	58
4	0	0	0	19	70
5	0	0	0	21	76
6	0	0	0	24	74
7	0	0	0	28	74
8	0	0	0	32	74
9	0	0	0	48	68
10	0	0	0	55	62
11	0	0	0	55	60
12	0	0	0	63	55
13	0	0	0	68	47
14	0	0	0	67	40
15	0	0	0	65	38
16	0	0	0	62	25
17	0	0	0	61	17
18	0	0	0	62	16
19	0	0	0	66	15
20	0	0	0	73	18
21	0	27	74	19	0
22	0	25	74	19	0
23	0	21	74	22	0
24	0	21	74	25	0
25	0	20	74	33	0
26	0	19	74	40	0
27	0	19	71	49	0
28	0	19	58	52	0
29	0	19	49	52	0
30	0	19	41	53	0
31	0	--	38	54	--
S.F.	0	209	1623	1380	418
Mean	0	7	52	45	14
Max.	0	27	74	76	45
Min.	0	0	15	15	0
A.F.	0	410	3220	2740	830
Water Diverted 1982	Water Year 7200 A.F.				
Water Diverted 1982	Calendar Year 7200 A.F.				

DAILY DIVERSIONS OF CANALS--1982
 BARTLEY CANAL from Republican River--Measured through
 8-foot Parshall flume--NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-3-27 W. near Indianola
 Period of Record: May, 1955 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	28	34	39
2	0	0	28	53	30
3	0	0	26	88	26
4	0	0	26	114	26
5	0	0	26	121	26
6	0	0	29	117	26
7	0	0	42	114	25
8	0	0	58	114	23
9	0	0	75	105	20
10	0	0	83	95	23
11	0	0	83	71	23
12	0	0	90	56	23
13	0	0	96	52	16
14	0	0	92	55	4
15	0	0	88	60	0
16	0	0	90	41	0
17	0	18	91	24	0
18	0	27	88	15	0
19	0	27	97	19	0
20	0	27	103	27	0
21	0	26	109	29	0
22	0	26	113	29	0
23	0	26	109	50	0
24	0	28	108	67	0
25	0	31	107	75	0
26	0	32	103	83	0
27	0	30	97	86	0
28	0	30	65	86	0
29	0	31	47	87	0
30	0	28	37	72	0
31	0	--	34	54	--
S.F.	0	387	2262	2093	330
Mean	0	13	73	68	11
Max.	0	32	113	121	39
Min.	0	0	26	15	0
A.F.	0	770	4500	4150	650
Water Diverted 1982	Water Year 10070 A.F.				
Water Diverted 1982	Calendar Year 10070 A.F.				

DAILY DIVERSIONS OF CANALS--1982
 CAMBRIDGE CANAL from Republican River--Measured through
 15-foot Parshall flume--SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-4-25 W. near Cambridge
 Period of Record: October, 1951 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	78	155
2	0	0	0	78	191
3	0	0	0	78	231
4	0	0	0	77	283
5	0	0	0	77	311
6	0	0	0	76	287
7	0	0	0	84	276
8	0	0	0	102	276
9	0	0	0	105	261
10	0	0	0	110	259
11	0	0	0	134	235
12	0	0	0	167	208
13	0	0	0	204	185
14	0	0	0	235	177
15	0	0	0	245	173
16	0	0	0	260	147
17	0	0	0	263	124
18	0	0	0	267	113
19	0	0	0	294	104
20	0	0	0	316	113
21	0	0	0	321	120
22	0	0	0	315	119
23	0	0	0	293	133
24	0	82	280	174	0
25	0	67	284	202	0
26	0	41	291	211	0
27	0	41	241	187	0
28	0	65	202	163	0
29	0	78	186	168	0
30	0	78	162	159	0
31	0	--	154	145	--
S.F.	0	452	5979	5890	1327
Mean	0	15	193	190	44
Max.	0	82	321	311	133
Min.	0	0	76	104	0
A.F.	0	900	11860	11680	2630
Water Diverted 1982	Water Year 27070 A.F.				
Water Diverted 1982	Calendar Year 27070 A.F.				

REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 NAPONEE CANAL from Republican River--Measured
 through Sparling Meter--NE&NE½ Sec. 14-1-17 W.
 Below Harlan County Dam
 Period of Record: May, 1955 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	20	25
2	0	0	0	20	27
3	0	0	0	24	28
4	0	0	0	28	23
5	0	0	0	14	19
6	0	0	0	0	19
7	0	0	0	0	15
8	0	0	0	0	13
9	0	0	0	0	7
10	0	0	0	13	0
11	0	0	0	26	0
12	0	0	0	29	0
13	0	0	10	30	0
14	0	0	15	28	0
15	0	0	15	26	0
16	0	0	15	24	0
17	0	0	15	22	0
18	0	0	15	21	0
19	0	0	20	21	0
20	0	0	28	21	0
21	0	0	34	21	0
22	0	0	35	21	0
23	0	0	35	10	0
24	0	0	33	0	0
25	0	0	32	0	0
26	0	0	32	0	0
27	0	0	32	0	0
28	0	0	31	0	0
29	0	0	31	0	0
30	0	0	27	13	0
31	0	--	21	23	--
S.F.	0	0	476	455	176
Mean	0	0	15	15	6
Max.	0	0	35	30	28
Min.	0	0	0	0	0
A.F.	0	0	940	900	350

Water Diverted 1982 Water Year 2190 A.F.
 Water Diverted 1982 Calendar Year 2190 A.F.

DAILY DIVERSIONS OF CANALS--1982
 FRANKLIN CANAL from Republican River--Measured through
 orifice--NW&NE½ Sec. 11-1-17 W. Below Harlan County Dam
 Period of Record: May, 1954 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	248	117
2	0	0	0	253	117
3	0	0	0	253	117
4	0	0	0	253	117
5	0	0	0	251	117
6	0	0	0	250	118
7	0	0	0	250	123
8	0	0	0	250	132
9	0	0	0	248	132
10	0	0	0	246	132
11	0	0	0	246	127
12	0	0	53	245	124
13	0	0	95	244	102
14	0	0	104	239	37
15	0	0	147	235	0
16	0	0	168	231	0
17	0	0	191	215	0
18	0	0	209	204	0
19	0	0	226	206	0
20	0	0	240	203	0
21	0	0	245	195	0
22	0	0	244	191	0
23	0	0	242	141	0
24	0	0	240	88	0
25	0	0	239	30	0
26	0	0	239	0	0
27	0	0	246	0	0
28	0	0	250	43	0
29	0	0	250	95	0
30	0	0	250	99	0
31	0	--	249	111	--
S.F.	0	0	4127	5763	1612
Mean	0	0	133	186	54
Max.	0	0	250	253	132
Min.	0	0	0	0	0
A.F.	0	0	8190	11430	3200

Water Diverted 1982 Water Year 22820 A.F.
 Water Diverted 1982 Calendar Year 22820 A.F.

DAILY DIVERSIONS OF CANALS--1982
 FRANKLIN PUMP CANAL from Republican River--Measured through
 4-foot Parshall flume--NW&NE½ Sec. 10-1-14 W. near Franklin
 Period of Record: May, 1954 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	31	0
2	0	0	0	32	0
3	0	0	0	33	0
4	0	0	0	30	0
5	0	0	0	36	0
6	0	0	0	35	0
7	0	0	0	30	0
8	0	0	0	30	0
9	0	0	0	31	0
10	0	0	0	30	0
11	0	0	0	33	0
12	0	0	0	24	0
13	0	0	0	11	0
14	0	0	0	18	0
15	0	0	0	18	0
16	0	0	0	23	0
17	0	0	12	27	0
18	0	0	19	27	0
19	0	0	19	27	0
20	0	0	28	26	0
21	0	0	36	24	0
22	0	0	37	23	0
23	0	0	37	10	0
24	0	0	38	0	0
25	0	0	39	0	0
26	0	0	38	0	0
27	0	0	33	0	0
28	0	0	29	0	0
29	0	0	28	0	0
30	0	0	27	0	0
31	0	--	31	0	--
S.F.	0	0	451	609	0
Mean	0	0	15	20	0
Max.	0	0	39	36	0
Min.	0	0	0	0	0
A.F.	0	0	890	1210	0

Water Diverted 1982 Water Year 2100 A.F.
 Water Diverted 1982 Calendar Year 2100 A.F.

DAILY DIVERSIONS OF CANALS--1982
 COURTLAND CANAL from Republican River--Measured
 through orifice--NE&NE½ Sec. 18-1-9 W. near Guide Rock
 Period of Record: May, 1952 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	187	386
2	0	0	0	196	386
3	0	0	0	185	387
4	0	0	0	175	389
5	0	0	0	182	394
6	0	0	0	190	394
7	0	0	0	192	397
8	0	0	0	193	397
9	0	0	0	196	398
10	0	0	0	200	385
11	0	0	0	206	349
12	0	0	0	205	320
13	0	0	0	198	273
14	0	0	0	230	227
15	0	30	261	217	8
16	0	122	294	218	0
17	0	146	313	230	0
18	0	148	325	241	0
19	0	147	412	244	0
20	0	147	417	253	0
21	0	150	403	259	0
22	0	156	395	257	0
23	0	153	399	260	0
24	0	149	399	194	0
25	0	150	399	164	0
26	0	158	399	164	0
27	0	162	407	161	0
28	0	165	410	145	0
29	0	161	406	140	0
30	0	177	395	141	0
31	0	---	384	141	-
S.F.	0	2321	9153	8511	1719
Mean	0	77	295	275	57
Max.	0	177	417	398	152
Min.	0	0	175	140	0
A.F.	0	4600	18150	16880	3410

Water Diverted 1982 Water Year 43040 A.F.
 Water Diverted 1982 Calendar Year 43040 A.F.

REPUBLICAN RIVER BASIN

DAILY DIVERSIONS OF CANALS--1982
 COURTLAND CANAL from Republican River--Measured
 at Nebraska-Kansas State Line--SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-1-6 W.
 Period of Record: October, 1960 - September, 1964
 October, 1968 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	166	342	106
2	0	0	196	336	100
3	0	0	170	326	96
4	0	0	152	323	94
5	0	0	159	321	94
6	0	0	168	317	97
7	0	0	170	326	115
8	0	0	170	330	124
9	0	0	171	336	120
10	0	0	182	338	107
11	0	0	184	316	101
12	0	0	176	289	102
13	0	0	176	249	74
14	0	0	180	201	37
15	0	0	211	188	14
16	0	0	217	188	18
17	0	29	258	198	28
18	0	120	258	211	30
19	0	121	296	206	4
20	0	121	382	209	0
21	0	125	354	214	0
22	0	128	348	220	0
23	0	120	344	226	0
24	0	121	336	175	0
25	0	121	334	136	0
26	0	131	338	135	0
27	0	142	344	132	0
28	0	142	356	119	0
29	0	142	356	115	0
30	0	154	352	114	0
31	0	---	342	114	--
S.F.	0	1717	7846	7250	1461
Mean	0	57	253	234	49
Max.	0	154	382	342	124
Min.	0	0	152	114	0
A.F.	0	3410	15560	14380	2900
Water Diverted 1982 Water Year	36250 A.F.				
Water Diverted 1982 Calendar Year	36250 A.F.				

DAILY DIVERSIONS OF CANALS--1982
 SUPERIOR CANAL from Republican River--Measured through
 12-foot Parshall flume--NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-1-9 W. near Guide Rock
 Period of Record: May, 1951 - September, 1982

Date	May	June	July	Aug.	Sept.
1	0	0	0	145	46
2	0	0	0	145	46
3	0	0	0	146	45
4	0	0	0	146	45
5	0	0	0	147	45
6	0	0	0	147	46
7	0	0	0	147	42
8	0	0	0	147	31
9	0	0	0	144	27
10	0	0	0	131	1
11	0	0	0	120	0
12	0	0	0	106	0
13	0	0	23	99	0
14	0	0	82	99	0
15	0	0	89	98	0
16	0	0	107	98	0
17	0	0	124	98	0
18	0	0	134	99	0
19	0	0	137	99	0
20	0	0	138	99	0
21	0	0	141	99	0
22	0	0	142	99	0
23	0	0	142	91	0
24	0	0	142	73	0
25	0	0	143	59	0
26	0	0	143	45	0
27	0	0	142	43	0
28	0	0	144	45	0
29	0	0	143	45	0
30	0	0	144	45	0
31	0	--	144	45	--
S.F.	0	0	2404	3149	374
Mean	0	0	78	102	12
Max.	0	0	144	147	46
Min.	0	0	0	43	0
A.F.	0	0	4770	6250	740
Water Diverted 1982 Water Year	11760 A.F.				
Water Diverted 1982 Calendar Year	11760 A.F.				

LISTING OF CERTAIN CANALS NOT DIVERTING IN 1982

DAILY DIVERSIONS OF CANALS--1982

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, 1982
 Water diverted 0 A.F.

COOK CANAL NO. 1 from Niobrara River--SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-28-56 W.
 Near Agate. Period of Record: May, 1956 - September, 1982
 Water diverted 0 A.F.

CRESCENT LAKE OUTLET to Blue Creek--NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-20-44 W.
 Near Oshkosh. Period of Record: July, 1931 - September, 1931
 June, 1934 - August, 1934
 July, 1949 - September, 1955
 May, 1958 - September, 1982
 Water diverted 0 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, 1982
 Water diverted 0 A.F.

GEO HITSHEW CANAL from Niobrara River--SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-28-52 W.
 Near Marsland. Period of Record: May, 1956 - September, 1982
 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, 1982
 Water diverted 1 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, 1982
 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, 1982
 Water diverted 0 A.F.

MOORE-KAY CANAL from Niobrara River--SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-28-53 W.
 Near Marsland. Period of Record: May, 1956 - September, 1982
 Water diverted 0 A.F.

PIONEER CANAL from Niobrara River--NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-29-51 W.
 Near Marsland. Period of Record: April, 1956 - September, 1982
 Water diverted 0 A.F.

RAMSHORN CANAL from North Platte River--NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-23-57 W.
 Near Henry. Period of Record: June, 1919 - September, 1982
 Water diverted 0 A.F. -- Acreage reported D-945-1651

SHERIDAN-WILSON CANAL from North Platte River--NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-14-35 W.
 Near Paxton. Period of Record: July, 1930 - September, 1982
 Water diverted 0 A.F. -- Acreage reported D-710-918

MISCELLANEOUS DISCHARGE MEASUREMENTS OF
RIVERS AND STREAMS

1982

This page intentionally left blank

CHEYENNE RIVER BASIN

(HAT CREEK)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		HAT CREEK BELOW COFFEE FLOOD CANAL Sec. 12-33-55 W.						ANTELOPE CREEK Sec. 4-33-57 W.			
5-10-82	2.04					4-15-82	0.35				
		HAT CREEK NEAR MONTROSE Sec. 13-34-55 W.						HAT CREEK, WEST, BELOW WEST HAT CREEK CANAL Sec. 16-32-55 W.			
5-10-82	0.00					5-10-82	0.71				
		WHITE HEAD CREEK ABOVE HAT CREEK JUNCTION Sec. 4-34-54 W.						SOW BELLY CREEK BELOW SOW BELLY CANAL Sec. 7-32-55 W.			
5-10-82	0.05					5-10-82	2.80				
		HAT CREEK NEAR GEISERS BRIDGE Sec. 28-35-54 W.						SOW BELLY CREEK ABOVE ANDREWS SUPPLY CANAL Sec. 5-32-55 W.			
5-10-82	0.00					2-19-82	2.61	11-5-82	0.63	11-16-82	0.82
		HAT CREEK NEAR ARDMORE, SOUTH DAKOTA Sec. 21-35-54 W.						SOW BELLY CREEK BELOW ANDREWS CANAL Sec. 34-33-55 W.			
5-10-82	0.00	5-13-82	2.00			2-19-82	0.53				
		CHERRY CREEK AT MERLO RESERVOIR Sec. 29-33-54 W.						SOW BELLY CREEK ABOVE MONTGOMERY CANAL Sec. 21-33-55 W.			
3-9-82	0.28	4-15-82	0.20	5-10-82	0.11	6-14-82	0.14	5-10-82	3.70		
								MONROE CREEK ABOVE JORDAN RESERVOIR Sec. 22-33-56 W.			
								5-10-82	1.74		
								WARBONNET CREEK BELOW WARBONNET CANAL Sec. 21-33-56 W.			
								5-10-82	2.46		
								SOW BELLY CREEK BELOW JIM CREEK JUNCTION Sec. 4-33-55 W.			
								5-10-82	0.93		

NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
LONG PINE CREEK ¹ NW $\frac{1}{4}$ Sec. 20-29-20 W.							
11-3-81	9.2	6-26-82	15.6	7-27-82	10.1	10-5-82	11.2
1-20-82	11.1	6-23-82	10.5	8-23-82	10.7	12-14-82	10.8
4-6-82	10.6						
WILLOW CREEK AT CAMP WITNESS ¹ NW $\frac{1}{4}$ Sec. 17-30-20 W.							
11-3-81	3.5	5-26-82	15.4	7-27-82	2.5	10-5-82	2.9
4-6-82	6.8	6-23-82	3.6	8-23-82	3.1	12-14-82	4.2
LONG PINE CREEK AT CAMP WITNESS ¹ NW $\frac{1}{4}$ Sec. 17-30-20 W.							
11-3-81	51.1	5-26-82	91.7	7-27-82	42.3	10-5-82	55.6
1-20-82	60.0	6-23-82	56.5	8-23-82	57.0	12-14-82	56.9
4-6-82	46.5						
LONG PINE CREEK AT PINE GLENN RECREATION AREA ¹ SW $\frac{1}{4}$ Sec. 8-31-20 W.							
11-3-81	96.2	5-26-82	114.2	7-27-82	80.3	10-5-82	90.7
4-6-82	103.0	6-23-82	92.4	8-23-82	83.1	12-14-82	95.2
SAND DRAW ¹ NE $\frac{1}{4}$ Sec. 6-30-22 W.							
11-4-81	3.7	5-27-82	12.5	7-28-82	6.3	10-6-82	6.3
4-7-82	6.1	6-24-82	3.6	8-24-82	8.0	12-15-82	5.0
SAND DRAW ABOVE AINSWORTH IRRIGATION WASTEWAY ³ NW $\frac{1}{4}$ Sec. 29-31-21 W.							
11-3-81	7.2	6-15-82	10.1	8-13-82	11.4	10-6-82	9.7
4-7-82	11.4	6-24-82	19.0	8-24-82	17.3	12-15-82	8.1
5-27-82	21.9	7-28-82	8.3				
SAND DRAW BELOW WASTEWAY ¹ NW $\frac{1}{4}$ Sec. 29-31-21 W.							
6-24-82	19.5	7-28-82	12.1	8-24-82	21.4		
SAND DRAW ¹ NE $\frac{1}{4}$ Sec. 29-31-21 W.							
4-15-82	11.6	5-5-82	9.6	5-14-82	41.1	5-21-82	49.8
4-21-82	15.5	5-12-82	11.9	5-17-82	19.0	5-25-82	17.7
4-28-82	12.8	5-13-82	37.1	5-20-82	17.9	7-15-82	32.7

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
BONE CREEK ¹ SW $\frac{1}{4}$ Sec. 23-30-22 W.							
11-4-81	4.4	5-27-82	19.3	7-28-82	3.9	10-6-82	6.6
4-7-82	8.3	6-24-82	4.8	8-24-82	5.6	12-15-82	4.5
BONE CREEK NEAR AINSWORTH ¹ NW $\frac{1}{4}$ Sec. 7-30-21 W.							
11-4-81	10.4	4-28-82	15.1	5-25-82	52.9	7-15-82	47.8
4-7-82	19.3	5-5-82	11.7	5-27-82	31.4	8-24-82	44.5
4-15-82	13.2	5-12-82	14.6	6-24-82	19.8	10-6-82	35.6
4-16-82	15.7	5-14-82	75.1	7-6-82	21.0	12-15-82	12.9
4-21-82	12.0	5-20-82	28.2				
BONE CREEK ³ SW $\frac{1}{4}$ Sec. 34-31-21 W.							
11-4-81	21.3	6-15-82	33.8	8-13-82	41.5	10-6-82	44.2
4-7-82	25.0	6-24-82	29.4	8-24-82	64.9	12-15-82	18.5
5-27-82	35.8	7-28-82	34.9				
BONE CREEK AT HIGHWAY 183 ¹ SE $\frac{1}{4}$ Sec. 10-31-21 W.							
11-4-81	46.2	5-27-82	80.0	7-28-82	65.9	10-6-82	63.9
1-21-82	36.9	6-24-82	66.7	8-24-82	97.8	12-15-82	41.3
4-7-82	55.4						
SHORT PINE CREEK ¹ SE $\frac{1}{4}$ Sec. 24-31-20 W.							
5-27-82	3.6						
SHORT PINE CREEK NEAR RIVERVIEW NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-32-20 W.							
6-16-82	3.0	8-11-82	0.8				
WENTWORTH CREEK NEAR SPRINGVIEW SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-32-20 W.							
6-7-82	0.0	8-11-82	0.0				
SAND CREEK NEAR BASSETT SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-32-19 W.							
6-16-82	2.3	8-11-82	1.8				

NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
WYMN CREEK NEAR SPRINGVIEW NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-32-19 W.						ASH CREEK, TRIBUTARY TO, NEAR NEWPORT NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-32-17 W.					
6-7-82	2.3	8-11-82	1.3			4-28-82	0.28	4-28-82	0.48		
ELK CREEK NEAR BASSETT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-32-19 W.						ASH CREEK NEAR NEWPORT NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 21-32-17 W.					
6-16-82	3.3	8-11-82	3.0			4-28-82	9.62	4-28-82	8.55		
COON CREEK NEAR BASSETT SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-32-19 W.						ASH CREEK NEAR NEWPORT NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-32-17 W.					
6-16-82	5.7	8-9-82	4.8			6-1-82	14.9	8-3-82	9.5		
LAUGHING WATER CREEK NEAR BASSETT SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-32-19 W.						SIMMS CREEK NEAR BROCKSBURG NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-33-17 W.					
6-16-82	3.8	7-28-82	2.9			6-1-82	0.8	8-3-82	0.6		
ROCK CREEK NEAR BASSETT SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-32-18 W.						CLAY CREEK NEAR DUSTIN SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-33-16 W.					
6-16-82	4.1	7-28-82	1.5			6-24-82	0.8	8-24-82	0.2		
ROCK CREEK NEAR BASSETT SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-32-18 W.						BEAVER CREEK NEAR DUSTIN SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-32-15 W.					
6-16-82	5.1	7-28-82	3.1			8-24-82	4.3				
WILLOW CREEK NEAR NEWPORT NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-32-17 W.						BEAVER CREEK NEAR DUSTIN SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-32-15 W.					
6-16-82	3.4	7-28-82	2.0			6-24-82	3.4	8-24-82	2.6		
OAK CREEK NEAR NEWPORT SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-32-17 W.						BEAVER CREEK NEAR DUSTIN NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-33-15 W.					
6-16-82	0.6	7-28-82	0.2			6-24-82	8.2				
HOUGAN CREEK NEAR BROCKSBURG NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-33-17 W.						HOLT CREEK NEAR BURTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-35-20 W.					
6-1-82	2.8	8-3-82	1.0			6-4-82	17.6	8-11-82	0.8		

NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			BURTON CREEK NEAR BURTON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-34-19 W.						SPOTTED TAIL CREEK, TRIBUTARY TO, NEAR BROCKSBURG SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-34-17 W.		
6-4-82	15.8	8-11-82	2.3			7-19-82	0.11				
			SPRING CREEK NEAR MILLS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-34-18 W.						SPOTTED TAIL CREEK NEAR BROCKSBURG NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-34-17 W.		
6-4-82	16.6	8-16-82	10.7			7-19-82	0.7				
			SPRING CREEK NEAR MILLS, ABOVE HORSESHOE DAM SE $\frac{1}{4}$ Sec. 4-34-18 W.						OAK CREEK NEAR BROCKSBURG NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-34-17 W.		
7-20-82	9.8					6-1-82	6.6	8-16-82	1.2		
			SPRING CREEK NEAR MILLS, BELOW HORSESHOE DAM SE $\frac{1}{4}$ Sec. 4-34-18 W.						BIG SANDY CREEK NEAR DUSTIN NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-33-14 W.		
7-12-82	10.8					6-24-82	34.0	8-24-82	19.0		
			COOM CREEK NEAR BROCKSBURG SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-34-17 W.						BIG SANDY CREEK NEAR DUSTIN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-33-14 W.		
6-29-82	2.8	8-16-82	0.5			6-24-82	44.5	8-24-82	26.0		
			SPOTTED TAIL CREEK, TRIBUTARY TO, NEAR BROCKSBURG NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-35-17 W.						LITTLE SANDY CREEK NEAR CATALPA NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-33-13 W.		
7-20-82	0.02					6-24-82	4.2	8-24-82	2.2		
			SPOTTED TAIL CREEK, TRIBUTARY TO, NEAR BROCKSBURG SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-35-17 W.						BRUSH CREEK NEAR CATALPA SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-32-13 W.		
7-20-82	0.08					6-24-82	15.4	8-24-82	8.3		
			SPOTTED TAIL CREEK, TRIBUTARY TO, NEAR BROCKSBURG SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-35-17 W.						TURKEY CREEK NEAR CATALPA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-33-12 W.		
7-19-82	0.28					6-22-82	7.0	8-24-82	4.6		
			SPOTTED TAIL CREEK, BRANCH OF, NEAR BROCKSBURG NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-35-17 W.						LOUSE CREEK NEAR REDBIRD NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-32-10 W.		
7-20-82	0.1					6-22-82	9.5	8-24-82	2.9		

NIOBRARA RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
SAND CREEK NEAR REDBIRD SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 6-32-9 W.							
6-22-82	0.9	8-24-82	0.7				
SQUAW CREEK NEAR PISHELVILLE SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 7-32-8 W.							
6-17-82	4.0	8-24-82	2.0				
STEELE CREEK NEAR PISHELVILLE SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 18-32-8 W.							
6-17-82	13.2	8-24-82	8.5				
PISHEL CREEK NEAR PISHELVILLE NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 26-32-8 W.							
6-17-82	2.9	8-24-82	0.0				

MISSOURI RIVER TRIBUTARIES

(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS Year Ending December 31, 1982							MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982								
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.		
<u>BAZILE CREEK</u>							<u>COOK CREEK</u>								
BAZILE CREEK, TRIBUTARY TO, NEAR CREIGHTON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-28-5 W.							COOK CREEK NEAR LINDY NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-33-4 W.								
4-27-82	1.04					4-27-82	0.37								
SPRING CREEK AT BAZILE MILLS SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-29-5 W.							<u>DEVILS NEST CREEK</u>								
4-27-82	2.55					DEVILS NEST CREEK NEAR SANTEE SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-33-3 W.									
BAZILE CREEK AT BAZILE MILLS SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-29-5 W.							4-27-82	3.61					<u>WEIGAND CREEK</u>		
11-9-81	10.69	4-27-82	16.52				WEIGAND CREEK NEAR CROFTON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-32-2 W.								
BAZILE CREEK, LITTLE, AT BLOOMFIELD SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-30-3 W.							11-9-81	0					WEIGAND CREEK NEAR CROFTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-32-3 W.		
4-27-82	0.71						11-9-81	0.20					WEIGAND CREEK AT GAVINS POINT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-33-2 W.		
BAZILE CREEK, LITTLE, NEAR CENTER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-30-5 W.							4-27-82	2.0					<u>BEAVER CREEK</u>		
4-27-82	0						10-5-81	0.12	4-27-82	3.26					
SAND CREEK NEAR CENTER SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-31-5 W.							BEAVER CREEK NEAR ATEN SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-33-1 W.								
4-27-82	0						<u>ANTELOPE CREEK</u>								
HOBEO CREEK NEAR LINDY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 13-32-4 W.							ANTELOPE CREEK NEAR MENOMINEE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-33-1 W.								
4-27-82	0						10-5-81	0.47	4-27-82	2.12					
HOME CREEK NEAR CENTER SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-31-5 W.							<u>LOST CREEK</u>								
11-9-81	4.51	4-27-82	5.78				LOST CREEK NEAR SANTEE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-32-5 W.								
<u>LOST CREEK</u>															
11-9-81	0.20	4-27-82	0.81												

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		AOWA CREEK NEAR NEWCASTLE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-31-5 E.						ELK CREEK NEAR WILLIS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-28-6 E.			
11-12-81	0.48					10-20-81	3.82	5-4-82	6.66	12-6-82	10.3
		POWDER CREEK NEAR NEWCASTLE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-30-5 E.						ELK CREEK NEAR JACKSON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-29-7 E.			
10-20-81	0.67	5-3-82	1.42			10-20-81	4.62	5-4-82	7.67	12-7-82	12.9
		SILVER CREEK NEAR PONCA NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-30-6 E.						<u>PIGEON CREEK</u>			
10-20-81	0.11	5-3-82	0.30					PIGEON CREEK NEAR HUBBARD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-28-7 E.			
		AOWA CREEK NEAR PONCA NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-30-6 E.						5-4-82	0.66	12-6-82	1.01
10-20-81	11.4	5-3-82	19.1	12-7-82	6.25			PIGEON CREEK NEAR HOMER NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-27-8 E.			
		DAILY BRANCH CREEK NEAR MARTINSBURG SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-29-5 E.						5-4-82	1.1		
10-22-81	2.98	11-12-81	1.81	5-3-82	4.69	12-7-82	4.47			<u>OMAHA CREEK</u>	
		SOUTH CREEK NEAR PONCA NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-30-6 E.						COW CREEK AT WALTHILL NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-25-10 E.			
10-20-81	9.94	5-3-82	15.1	12-7-82	16.85			5-4-82	0.76	12-6-82	5.53
		<u>ELK CREEK</u>						OMAHA CREEK NEAR WALTHILL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-26-8 E.			
		ELK CREEK NEAR ALLEN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-28-6 E.						12-6-82	12.1	5-4-82	3.91
10-22-81	0.17	5-3-82	0.48					WIGLE CREEK AT HOMER NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-27-8 E.			
		OTTER CREEK NEAR WILLIS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-28-6 E.						5-4-82	0.36	12-6-82	0.47
10-20-81	1.35	5-4-82	2.32	12-6-82	1.88			FIDDLERS CREEK AT HOMER NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14-27-8 E.			
		MINNOW CREEK NEAR WILLIS NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-28-6 E.						5-4-82	0.26	12-6-82	0.38
10-20-81	1.29	5-4-82	1.40	12-6-82	1.90						

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.		
<u>WOOD CREEK</u>						<u>TEKAMAH CREEK NEAR TEKAMAH</u> SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-21-10 E.							
WOOD CREEK NEAR DECATUR SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-24-10 E.						5-11-82	0.82	6-24-82	1.29	10-26-82	0.81		
10-22-81	0	6-24-82	0.11	10-26-82	0.19	<u>TEKAMAH CREEK AT TEKAMAH</u> NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-21-11 E.							
<u>ELM CREEK</u>						6-24-82	1.27	10-26-82	1.38				
ELM CREEK NEAR DECATUR NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-23-10 E.						<u>CAMERON DITCH NEAR TEKAMAH</u> NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-21-11 E.							
10-26-82	0.19							6-24-82	0	10-26-82	0		
<u>LONE TREE CREEK NEAR DECATUR</u> NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-23-10 E.						<u>NEW YORK CREEK</u>							
6-24-82	0	10-26-82	0.11							NEW YORK CREEK NEAR HERMAN SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-20-11 E.			
<u>ELM CREEK NEAR DECATUR</u> SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-23-10 E.						4-27-82	0.80					DAVIS CREEK NEAR HERMAN SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-20-10 E.	
6-24-82	3.58	10-26-82	3.86							6-24-82	0.11	10-25-82	0.10
<u>COMBINATION DITCH CREEK</u>						<u>CARR CREEK NEAR HERMAN</u> NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-20-11 E.							
COMBINATION DITCH NEAR DECATUR SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-22-11 E.						6-24-82	0.97	10-25-82	0.77				
10-22-81	0	6-24-82	0.07							4-27-82	0.38		
<u>MUD CREEK NEAR TEKAMAH</u> NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-21-11 E.						<u>HILL CREEK NEAR HERMAN</u> SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-20-10 E.							
10-22-81	0.002	6-24-82	0.004	10-26-82	0.002								
<u>COMBINATION DITCH NEAR HERMAN</u> NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-20-11 E.						<u>STUART CREEK</u>							
6-24-82	6.46	10-26-82	23.9							4-27-82	1.99		
<u>TEKAMAH CREEK</u>						<u>CAMERON DITCH NEAR BLAIR</u> SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-19-11 E.							
SILVER CREEK NEAR TEKAMAH SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-21-10 E.													
10-22-81	0.36	6-24-82	3.74	10-26-82	7.37								

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	
		MISSOURI RIVER, TRIBUTARY TO, NEAR BLAIR NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-18-12 E.					PAPILLION CREEK			
4-27-82	2.80							KNIGHT CREEK AT OMAHA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-16-12 E.		
						10-29-81	0.17	7-28-82	2.86	
		MILL CREEK						THOMAS CREEK NEAR OMAHA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-16-12 E.		
		LONG CREEK NEAR FORT CALHOUN NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-17-12 E.					10-29-81	0.66	7-28-82	2.33
4-27-82	0.89							COLE CREEK AT OMAHA SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-15-12 E.		
		MILL CREEK NEAR BLAIR SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-18-12 E.					10-29-81	0.07	7-27-82	0.80
4-27-82	1.51							PAPILLION CREEK, LITTLE, AT OMAHA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-14-12 E.		
		MOORS CREEK					10-29-81	4.49	7-27-82	11.75
		MOORS CREEK NEAR FORT CALHOUN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-17-12 E.							BIG PAPILLION CREEK AT RALSTON NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-14-12 E.	
4-27-82	0.47					10-29-81	9.9	7-27-82	35.0	
		TURKEY CREEK							PAPILLION CREEK, WEST, NORTH BRANCH, NEAR ELKHORN SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-15-11 E.	
		TURKEY CREEK NEAR FORT CALHOUN NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-17-12 E.					10-29-81	0.53	7-27-82	2.13
4-27-82	0							BOX ELDER CREEK NEAR MILLARD SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-15-11 E.		
		DEER CREEK					10-29-81	0.13	7-27-82	2.0
		DEER CREEK NEAR FORT CALHOUN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-17-13 E.							PAPILLION CREEK, WEST, SOUTH BRANCH, TRIBUTARY TO, NEAR PAPILLION NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-14-11 E.	
4-27-82	0.99					7-28-82	1.49			
		PONCA CREEK							PAPILLION CREEK, WEST, SOUTH BRANCH, NEAR PAPILLION SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-14-12 E.	
		PONCA CREEK NEAR OMAHA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 9-16-13 E.					7-28-82	6.39		
4-27-82	0.85									

MISSOURI RIVER TRIBUTARIES
(NIOBRARA TO THE PLATTE)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
HELL CREEK NEAR MILLARD NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-14-12 E.							
10-29-81	0.87	7-27-82	0.77				
WALNUT CREEK NEAR PAPIILLION SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-14-12 E.							
7-28-82	1.10						
PAPILLION CREEK, WEST, NEAR BELLEVUE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-14-13 E.							
7-28-82	29.4						
BIG PAPIILLION CREEK NEAR BELLEVUE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-13-13 E.							
7-28-82	85.0						

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1982								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
LARAMIE RIVER (GRAY ROCKS RESERVOIR INFLOW) SW $\frac{1}{4}$ Sec. 24-25-67 W.								MELBETA DRAIN Sec. 13-21-54 W.							
3-31-82	75.4							10-26-81	1.5	12-22-81	1.3	2-17-82	1.4	4-28-82	1.9
LARAMIE RIVER (GRAY ROCKS RESERVOIR OUTFLOW) NE $\frac{1}{4}$ Sec. 32-26-65 W.								FAIRFIELD SEEP Sec. 18-21-53 W.							
3-31-82	30.4							10-8-81	2.5	3-2-82	0.8	7-1-82	1.3	9-9-82	3.1
LARAMIE RIVER NEAR FORT LARAMIE, WYOMING NE $\frac{1}{4}$ Sec. 28-26-64 W.								ALLIANCE DRAIN Sec. 20-22-53 W.							
3-31-82	27.2							11-17-81	1.1	4-19-82	.0	7-15-82	1.1	9-23-82	3.4
LANE DRAIN Sec. 30-23-57 W.								CLEVELAND DRAIN Sec. 6-20-52 W.							
10-6-81	2.6	3-8-82	1.6	7-6-82	1.8	8-31-82	1.7	10-1-81	11.0	3-17-82	5.6	6-24-82	5.8	9-2-82	2.0
11-16-81	2.5	4-19-82	1.4	7-20-82	1.4	9-21-82	2.6	11-12-81	8.5	4-13-82	4.1	7-8-82	3.5	9-17-82	9.3
12-14-81	1.4	5-18-82	1.9	8-3-82	1.7	10-26-82	2.5	12-21-81	7.4	5-13-82	7.3	7-22-82	2.1	9-30-82	16.0
1-13-82	1.1	6-1-82	1.2	8-17-82	1.5	11-16-82	1.6	1-20-82	6.1	5-27-82	6.1	8-5-82	3.4	10-26-82	10.2
2-10-82	1.3	6-22-82	1.0					2-17-82	6.2	6-10-82	6.2	8-18-82	1.8		
BALD DRAIN Sec. 32-23-56 W.								DeGRAW DRAIN Sec. 24-20-51 W.							
10-8-81	7.2	3-8-82	0.8	6-29-82	0.0	9-14-82	37.3	10-1-81	16.3	11-24-81	1.2	1-19-82	1.6	3-18-82	0.9
11-3-81	.0	4-9-82	.0	7-13-82	13.2	9-28-82	30.2	10-27-81	1.1	12-22-81	1.0	2-17-82	1.0	4-13-82	.6
12-3-81	.8	5-11-82	19.5	7-27-82	7.1	10-26-82	1.8								
1-21-82	.0	5-25-82	10.0	8-10-82	15.0	11-17-82	1.1								
2-26-82	.0	6-8-82	.0	8-24-82	34.1										
SCOTTSLUFF DRAIN NO. 1 Sec. 25-22-55 W.								INDIAN CREEK Sec. 19-20-50 W.							
10-7-81	2.4	3-1-82	2.1	6-9-82	1.2	8-17-82	2.2	10-9-81	4.8	2-12-82	2.3	5-28-82	3.9	9-27-82	8.3
11-3-81	2.2	3-25-82	1.7	6-23-82	3.0	8-31-82	1.9	10-22-81	4.8	2-26-82	2.4	6-14-82	2.8	10-8-82	3.3
12-7-81	2.0	4-9-82	1.5	7-7-82	2.3	9-22-82	7.3	11-9-81	4.2	3-8-82	2.9	6-30-82	4.6	10-18-82	3.6
1-5-82	1.6	5-11-82	2.4	7-20-82	1.7	10-4-82	2.0	12-4-81	3.0	3-23-82	2.1	7-16-82	20.3	11-1-82	3.5
2-1-82	1.3	5-26-82	1.8	8-3-82	2.5	11-23-82	1.9	12-17-81	3.4	4-6-82	1.8	8-9-82	10.6	11-19-82	4.1
								12-31-81	3.0	4-28-82	2.4	8-27-82	17.5	12-7-82	3.5
								1-25-82	2.4	5-12-82	2.1	9-10-82	10.8	12-22-82	2.9
SCOTTSLUFF DRAIN NO. 2 Sec. 4-22-54 W.															
10-7-81	3.3	3-2-82	1.5	6-17-82	5.2	8-24-82	4.2	10-9-81	10.1	12-17-81	5.8	2-12-82	5.1	3-23-82	4.4
11-9-81	2.7	3-31-82	1.8	6-22-82	2.3	9-15-82	8.3	10-22-81	8.4	12-31-81	5.3	2-26-82	4.8	4-7-82	4.5
12-4-81	1.9	4-14-82	1.7	7-13-82	2.7	9-30-82	7.0	11-9-81	7.4	1-25-82	5.3	3-8-82	4.7	4-28-82	4.6
1-8-82	2.1	5-18-82	5.5	7-27-82	3.3	10-18-82	2.7	12-4-81	6.2						
2-17-82	2.5	6-2-82	4.4	8-10-82	2.7	11-24-82	1.4								

NORTH PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
LONERGAN CREEK NEAR LeMOYNE Sec. 17-15-39 W.							
12-16-81	5.8	3-9-82	4.9	7-21-82	5.3	10-29-82	4.7
1-7-82	4.6	4-21-82	4.9	8-18-82	6.5	12-8-82	5.1
2-9-82	4.9	5-19-82	5.2	9-22-82	5.9		
SUTHERLAND POND DRAIN AT KEYSTONE Sec. 1-14-38 W.							
10-29-81	3.6	1-26-82	4.3	4-29-82	2.4	7-26-82	3.4
11-24-81	3.6	2-19-82	2.4	5-17-82	2.6	8-30-82	2.8
12-30-81	3.7	3-31-82	2.3	6-1-82	2.4	10-26-82	.01
WHITE TAIL CREEK Sec. 36-15-38 W.							
10-29-81	22.5	3-31-82	27.7	6-7-82	26.2	8-9-82	23.7
11-5-81	27.9	4-28-82	30.8	6-29-82	22.4	8-30-82	26.6
12-30-81	25.1	5-10-82	31.4	7-12-82	24.6	9-13-82	22.9
1-26-82	25.5	5-24-82	32.3	7-26-82	23.6	10-26-82	26.5
2-19-82	26.9						
SKUNK CREEK Sec. 1-14-37 W.							
10-29-81	2.0	3-31-82	2.7	6-7-82	1.9	8-9-82	2.0
11-4-81	2.1	4-28-82	2.4	6-29-82	2.0	8-30-82	1.8
12-30-81	2.8	5-10-82	2.2	7-13-82	2.0	9-13-82	2.0
1-26-82	2.8	5-24-82	2.1	7-26-82	2.1	10-26-82	2.6
2-19-82	2.9						
GRAVEL CREEK Sec. 9-14-36 W.							
10-29-81	2.2	3-31-82	2.7	6-7-82	2.5	8-9-82	2.5
11-4-81	2.4	4-28-82	2.1	6-29-82	2.2	8-30-82	1.9
12-30-81	3.2	5-10-82	2.1	7-13-82	2.4	9-13-82	2.3
1-26-82	2.7	5-24-82	2.4	7-26-82	2.4	10-26-82	2.5
2-19-82	2.4						
SARBEN SLOUGH Sec. 20-14-35 W.							
10-29-81	4.6	3-31-82	5.0	6-7-82	4.6	8-9-82	7.0
12-30-81	4.1	4-21-82	4.7	6-29-82	6.1	8-30-82	5.0
1-26-82	3.8	5-10-82	4.8	7-13-82	4.5	9-13-82	3.9
2-19-82	4.2	5-24-82	6.2	7-26-82	4.3	10-26-82	4.5

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
CEDAR BRANCH CREEK NEAR NEVINS Sec. 17-14-35 W.							
10-29-81	2.2	3-31-82	1.5	6-7-82	1.1	8-9-82	1.4
11-4-81	1.3	4-21-82	1.4	6-29-82	1.3	8-30-82	1.5
12-30-81	1.4	5-10-82	1.1	7-13-82	1.3	9-13-82	1.1
1-26-82	1.2	5-24-82	1.3	7-26-82	1.6	10-26-82	1.5
2-19-82	1.2						
KEITH-LINCOLN COUNTY DRAIN NO. 2 Sec. 24-14-35 W.							
10-29-81	0.1	4-15-82	0.0	6-29-82	0.0	8-30-82	0.1
12-30-81	.0	5-10-82	.0	7-13-82	.0	9-13-82	.7
1-26-82	.0	5-24-82	.02	7-26-82	.03	10-26-82	.03
2-19-82	.0	6-7-82	.04	8-6-82	.19		
LINCOLN COUNTY DRAIN NO. 2 Sec. 12-14-33 W.							
10-29-81	1.0	3-25-82	1.2	6-24-82	0.7	8-25-82	1.3
11-25-81	1.1	4-29-82	1.9	7-15-82	.7	9-15-82	1.7
12-15-81	1.0	5-12-82	.9	7-28-82	.7	9-28-82	.8
1-19-82	.5	5-26-82	1.2	8-11-82	.7	10-21-82	.5
2-17-82	1.0	6-9-82	1.2				

PLATTE RIVER BASIN

MEASUREMENT OF STREAMS
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>PLATTE, BRANCH CONFLUENCE TO THE LOUP</u>							
AIRPORT DRAIN Sec. 7-13-29 W.							
10-23-81	22.6	2-25-82	15.1	6-10-82	16.9	8-13-82	25.3
11-18-81	15.8	3-18-82	15.5	6-25-82	18.4	8-26-82	8.3
12-18-81	18.1	4-20-82	15.2	7-16-82	24.8	9-16-82	23.7
1-29-82	37.3	5-27-82	18.4	7-30-82	32.4	10-28-82	19.0
FLOCK DRAIN Sec. 8-13-29 W.							
10-23-81	4.4	3-18-82	3.6	6-10-82	4.7	8-13-82	8.1
11-18-81	4.2	4-20-82	3.4	6-25-82	4.8	8-26-82	7.4
12-18-81	4.0	5-14-82	4.6	7-16-82	4.1	9-16-82	5.3
1-29-82	3.5	5-27-82	4.7	7-30-82	7.2	10-28-82	4.0
2-25-82	3.9						
WHITE HORSE CREEK Sec. 5-13-29 W.							
10-23-81	9.9	2-25-82	18.7	6-10-82	15.9	8-13-82	5.2
11-4-81	24.2	3-18-82	32.9	6-25-82	11.8	8-26-82	3.4
11-18-81	14.3	4-20-82	13.4	7-16-82	5.6	9-16-82	8.0
12-18-81	17.4	5-14-82	91.7	7-29-82	4.0	10-28-82	10.9
1-29-82	13.5	5-27-82	74.7				
BULL DRAIN NEAR MAXWELL Sec. 20-13-28 W.							
10-23-81	2.2	3-18-82	3.4	6-10-82	3.4	8-13-82	2.0
11-18-81	1.9	4-20-82	2.6	6-25-82	3.9	8-26-82	1.7
12-18-81	3.2	5-14-82	15.3	7-16-82	2.3	9-16-82	1.6
1-29-82	2.8	5-27-82	4.7	7-29-82	2.2	10-28-82	2.0
2-25-82	3.2						
PAWNEE CREEK Sec. 4-12-27 W.							
10-1-81	5.6	3-9-82	11.8	7-14-82	5.5	9-10-82	3.1
11-5-81	10.0	4-13-82	8.7	7-28-82	4.9	9-23-82	6.4
1-21-82	5.3	5-17-82	12.2	8-18-82	5.8	10-27-82	7.1
2-22-82	20.6	6-2-82	19.2				

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
SHELDON DRAIN Sec. 14-11-26 W.							
10-1-81	6.6	5-10-82	6.0	7-28-82	8.7	9-23-82	7.9
1-21-82	5.4	6-1-82	9.6	8-18-82	17.0	10-28-82	7.0
4-13-82	6.0	7-7-82	6.7	9-8-82	8.9		
DAWSON COUNTY DRAIN NO. 2 NEAR DARR Sec. 25-10-23 W.							
10-1-81	4.2	2-22-82	3.6	3-9-82	5.4	4-12-82	3.7
12-22-81	4.9						
PRAIRIE CREEK NEAR SILVER CREEK SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 18-16-2 W.							
5-3-82	44.21	11-1-82	21.2				

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF STREAMS Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>MIDDLE LOUP RIVER, SOUTH LOUP TO NORTH LOUP</u>						<u>ROCK CREEK NEAR CUSHING</u> NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 7-15-8 W.					
10-14-82	1320	MIDDLE LOUP RIVER AT ST. PAUL SW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 10-14-10 W.				10-14-82	0.08				
10-14-82	0.78	LAKE CREEK NEAR ST. PAUL NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 36-15-10 W.				10-14-82	0.10	COTTONWOOD CREEK NEAR PALMER NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 10-15-8 W.			
<u>NORTH LOUP RIVER</u>						10-14-82	0.88	ELK CREEK NEAR PALMER SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 23-15-8 W.			
TURTLE CREEK, SOUTH BRANCH SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 9-19-15 W.						LOUP RIVER, TRIBUTARY TO, NEAR PALMER NW $\frac{1}{2}$ NE $\frac{1}{4}$, Sec. 13-15-8 W.					
4-2-82	0.0	7-30-82	.062	9-21-82	0.0	11-18-82	0.0				
5-27-82	0.0	8-25-82	0.0	10-20-82	0.0	12-6-82	0.0				
6-28-82	0.0					10-14-82	0.07				
TURTLE CREEK, SOUTH BRANCH, TRIBUTARY TO SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 8-19-15 W.						HORSE CREEK NEAR FULLERTON SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 33-16-7 W.					
4-2-82	Trace	7-30-82	0.779	9-21-82	0.0	11-18-82	0.0				
5-27-82	0.0	8-25-82	0.0	10-20-82	0.0	12-6-82	0.0				
6-28-82	0.0					10-14-82	0.38	LOUP RIVER AT FULLERTON SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 23-16-6 W.			
NORTH LOUP RIVER NEAR ST. PAUL NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 22-15-10 W.						10-14-82	2500				
10-14-82	1100					<u>CEDAR RIVER</u>					
NORTH LOUP RIVER, TRIBUTARY TO, NEAR ST. PAUL NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 14-15-10 W.						BIG CEDAR CREEK NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 8-24-15 W.					
10-14-82	0					10-5-81	0	10-13-82	0.04		
<u>LOWER LOUP RIVER ABOVE CEDAR RIVER</u>						BIG CEDAR CREEK NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 23-24-15 W.					
SPRING CREEK AT CUSHING NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 5-15-9 W.						10-5-81	0.002	10-13-82	0.26		
10-14-82	2.77					BIG CEDAR CREEK NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 28-24-14 W.					
						10-5-81	0.90	10-13-82	2.42		

PLATTE RIVER BASIN

(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			LITTLE CEDAR CREEK SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-24-15 W.		
10-5-81	0.29	10-13-82	4.30		
			LITTLE CEDAR CREEK NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 13-23-14 W.		
10-13-82	3.02				
			CEDAR CREEK SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-23-14 W.		
10-5-81	2.63	10-13-82	9.36		
			CEDAR CREEK NEAR GABLES SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-23-13 W.		
10-13-82	12.5				
			CEDAR CREEK NEAR GABLES NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-23-13 W.		
10-13-82	22.9				
			CEDAR CREEK AT GABLES SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-23-13 W.		
10-5-81	39.7	10-13-82	36.0		
			CEDAR CREEK NEAR GABLES SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-22-13 W.		
10-13-82	52.4				
			CEDAR CREEK NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-22-12 W.		
10-5-81	54.0	10-13-82	61.7		
			CEDAR CREEK NEAR ERICSON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-21-12 W.		
10-13-82	85.7				

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			DRY CEDAR CREEK SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-21-12 W.		
10-13-82	0				
			DRY CEDAR CREEK 5 MILES WEST OF ERICSON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 13-21-13 W.		
10-5-81	0	10-13-82	0.14		
			CEDAR RIVER NEAR ERICSON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-21-12 W.		
10-13-82	103				
			CEDAR RIVER NEAR ERICSON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-21-12 W.		
10-5-81	101	10-13-82	107		
			CEDAR RIVER NEAR ERICSON SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-20-11 W.		
10-5-81	125	10-13-82	132		
			CLEAR CREEK NEAR ERICSON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-21-11 W.		
10-13-82	0				
			CLEAR CREEK NEAR ERICSON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 13-21-11 W.		
10-13-82	0.02				
			CLEAR CREEK NEAR ERICSON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-21-11 W.		
10-5-81	0				
			CLEAR CREEK NEAR ERICSON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-21-11 W.		
10-5-81	0.12	10-13-82	1.08		

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		CEDAR RIVER NEAR SPALDING (GAGE) NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-20-10 W.					
10-5-81	140	10-13-82	137				
		CEDAR RIVER, TRIBUTARY TO, NEAR SPALDING SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-20-10 W.					
10-5-81	.002	10-13-82	.01				
		CEDAR RIVER, TRIBUTARY TO, NEAR SPALDING SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 11-20-10 W.					
10-5-81	0	10-13-82	0				
		CEDAR RIVER, TRIBUTARY TO, NEAR SPALDING SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-20-10 W.					
10-5-81	0.90	10-13-82	0.30				
		CEDAR RIVER, TRIBUTARY TO, NEAR SPALDING NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-20-9 W.					
10-5-81	0	10-13-82	0				
		CEDAR RIVER, TRIBUTARY TO, AT SPALDING NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20-20-9 W.					
10-5-81	.002	10-13-82	.01				
		CEDAR RIVER NEAR SPALDING NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-20-9 W.					
10-5-81	141	10-13-82	149				
		FREEMAN CREEK, NORTH BRANCH, NEAR SPALDING NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-19-9 W.					
10-5-81	0	10-13-82	0				
		FREEMAN CREEK, SOUTH BRANCH, NEAR SPALDING SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-19-9 W.					
10-5-81	0	10-13-82	0				

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		MUD CREEK NEAR SPALDING SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-20-9 W.					
10-13-82	0						
		MUD CREEK, TRIBUTARY TO, NEAR SPALDING SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-20-9 W.					
10-13-82	0						
		CEDAR RIVER AT PRIMROSE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-19-8 W.					
10-6-81	194	10-13-82	221				
		CEDAR RIVER NEAR PRIMROSE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-19-8 W.					
10-6-81	179	10-13-82	283				
		CEDAR RIVER, TRIBUTARY TO, NEAR CEDAR RAPIDS NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-19-7 W.					
10-6-81	0	10-13-82	0				
		CEDAR RIVER AT CEDAR RAPIDS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-18-7 W.					
10-5-81	156	10-13-82	325				
		CEDAR RIVER NEAR CEDAR RAPIDS NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-18-7 W.					
10-13-82	322						
		CEDAR RIVER AT BELGRADE SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-17-7 W.					
10/5/81	180	10-13-82	291				
		CEDAR RIVER NEAR BELGRADE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-17-6 W.					
10/5/81	172	10-13-82	332				

PLATTE RIVER BASIN

(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			ASH CREEK NEAR BELGRADE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-17-6 W.						TIMBER CREEK NEAR BELGRADE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-17-7 W.		
10-5-81	0	10-13-82	0			10-5-81	1.16	10-13-82	4.08		
			TIMBER CREEK, NORTH BRANCH, NEAR GREELEY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-18-9 W.						TIMBER CREEK NEAR BELGRADE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-17-7 W.		
10-15-82	0					10-5-81	2.78	10-13-82	6.24		
			TIMBER CREEK, NORTH BRANCH, NEAR CEDAR RAPIDS SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-18-9 W.						CEDAR RIVER NEAR FULLERTON (GAGE) SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-17-6 W.		
10-15-82	0					10-5-81	176	10-13-82	287		
			TIMBER CREEK, NORTH BRANCH, NEAR CEDAR RAPIDS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-18-8 W.						CEDAR RIVER AT FULLERTON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-16-6 W.		
10-15-82	0					10-5-81	181	10-13-82	270		
			TIMBER CREEK, NORTH BRANCH, NEAR CEDAR RAPIDS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-18-8 W.						<u>LOWER LOUP RIVER, CEDAR RIVER TO BEAVER CREEK</u>		
10-5-81	0	10-15-82	0						PLUM CREEK NEAR AKRON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20-20-7 W.		
						10-13-82	0				
10-5-81	0								PLUM CREEK AT HIGHWAY 91 SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-20-7 W.		
						10-13-82	0				
			TIMBER CREEK, SOUTH BRANCH, NEAR WOLBACH SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-18-9 W.						PLUM CREEK NEAR ALBTON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-20-7 W.		
10-15-82	0										
						10-13-82	0.005				
			TIMBER CREEK, SOUTH BRANCH, NEAR BELGRADE NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-17-8 W.						PLUM CREEK NEAR PRIMROSE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-19-7 W.		
10-5-81	0	10-13-82	.233	10-15-82	.223	10-13-82	0				
10-5-81	0.24	10-13-82	2.16								

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			PLUM CREEK NEAR BOONE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-19-6 W.								COUNCIL CREEK NEAR GENOA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-17-5 W.				
10-13-82	0.005							10-13-82	0						
			PLUM CREEK AT HIGHWAY 56 NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-18-6 W.								COUNCIL CREEK NEAR GENOA SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-17-5 W.				
10-13-82	0.021							10-5-81	0	10-13-82	0.17				
			PLUM CREEK NEAR CEDAR RAPIDS SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-18-6 W.								LOUP RIVER POWER CANAL (GAGE) NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-16-4 W.				
10-13-82	0.06							10-14-82	2790						
			PLUM CREEK AT HIGHWAY 14 NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-18-6 W.								LOUP RIVER BELOW POWER CANAL DIVERSION NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-16-4 W.				
10-13-82	0.16							10-14-82	4.64						
			PLUM CREEK NEAR BELGRADE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-18-6 W.								LOUP RIVER NEAR GENOA (GAGE) NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-17-4 W.				
10-5-81	0	10-13-82	0.51					10-14-82	27.6						
			PLUM CREEK NEAR BELGRADE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-17-5 W.								<u>BEAVER CREEK</u>				
10-13-82	0.82										BEAVER CREEK NEAR CUMMINSVILLE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-23-11 W.				
			PLUM CREEK NEAR BELGRADE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-17-5 W.					10-5-81	0	10-13-82	0				
10-5-81	0.44										BEAVER CREEK NEAR BARTLETT ^A SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-23-11 W.				
			PLUM CREEK NEAR FULLERTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-17-5 W.					10-5-81	0.21	3-31-82	2.74	7-16-82	0	10-20-82	0
10-13-82	1.79							10-19-81	0	4-26-82	1.16	8-20-82	0	12-9-82	0
			PLUM CREEK AT HIGHWAY 22 NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-16-5 W.					2-17-82	2.54	5-19-82	4.97	9-16-82	0		
10-13-82	2.69										BEAVER CREEK NEAR BARTLETT NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-23-10 W.				
								10-5-81	0.35						

PLATTE RIVER BASIN

(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
BEAVER CREEK ² SW $\frac{1}{2}$ SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 24-23-10 W.							
10-19-81	2.77	3-31-82	13.6	7-16-82	1.71	10-20-82	5.43
12-21-81	7.69	4-26-82	4.58	8-20-82	1.10	12-9-82	9.21
2-17-82	10.2	5-19-82	8.07	9-16-82	1.55		
BEAVER CREEK NEAR BARTLETT NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 30-23-9 W.							
10-5-81	2.4	10-13-82	9.1				
BEAVER CREEK ² SW $\frac{1}{2}$ NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 21-23-9 W.							
10-19-81	6.94	3-31-82	20.1	7-16-82	5.43	10-20-82	10.4
12-21-81	13.4	4-26-82	9.49	8-20-82	4.85	12-9-82	17.7
2-17-82	17.1	5-19-82	12.6	9-16-82	6.65		
BEAVER CREEK ⁴ SW $\frac{1}{2}$ NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 35-23-9 W.							
10-5-81	8.93	2-17-82	30.2	5-19-82	21.4	9-16-82	8.7
10-19-81	13.3	3-31-82	29.2	7-16-82	9.54	10-13-82	18.5
12-21-81	20.6	4-26-82	14.6	8-20-82	8.62	10-20-82	17.6
				12-9-82	15.3		
BEAVER CREEK NEAR RAEVILLE ⁴ W $\frac{1}{2}$ SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 8-22-8 W.							
10-5-81	14.6	3-31-82	37.8	7-16-82	15.4	10-13-82	26.3
10-19-81	17.7	4-26-82	21.1	8-20-82	13.6	10-20-82	31.1
12-21-81	29.0	5-19-82	55.7	9-16-82	14.6	12-9-82	22.3
2-17-82	47.2						
BEAVER CREEK NEAR PETERSBURG ⁴ W $\frac{1}{2}$ NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 24-22-8 W.							
10-5-81	28.3	3-31-82	57.3	7-16-82	25.9	10-13-82	42.6
10-19-81	34.3	4-26-82	38.4	8-20-82	22.8	10-20-82	56.3
12-21-81	45.4	5-19-82	93.2	9-16-82	28.6	12-9-82	29.3
2-17-82	68.6						
BEAVER CREEK, TRIBUTARY TO, NEAR PETERSBURG NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 30-22-7 W.							
10-5-81	0	10-13-82	0				

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
BEAVER CREEK, TRIBUTARY TO, NEAR PETERSBURG NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 30-22-7 W.							
10-5-81	0	10-13-82	0				
BEAVER CREEK ⁴ E $\frac{1}{2}$ Sec. 31-22-7 W.							
10-5-81	31.7	4-26-82	42.6	9-16-82	35.0	10-20-82	63.3
10-19-81	37.2	7-16-82	33.8	10-13-82	51.5	12-9-82	58.0
3-31-81	59.1	8-20-82	29.0				
BEAVER CREEK NEAR LORETTO ⁴ W $\frac{1}{2}$ SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 11-21-7 W.							
10-5-81	37.6	3-31-82	67.3	8-20-82	33.8	10-13-82	66.7
10-19-81	40.4	4-26-82	48.5	9-16-82	38.4	10-20-82	68.7
2-17-82	55.6	7-16-82	32.2				
RAE CREEK NEAR PETERSBURG NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 2-21-7 W.							
10-5-81	0	10-13-82	0.055				
BEAVER CREEK AT LORETTO (GAGE) SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 26-21-7 W.							
10-5-81	39.3	10-13-82	69.3				
BEAVER CREEK, TRIBUTARY TO, NEAR LORETTO SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 26-21-7 W.							
10-13-82	0.025						
BEAVER CREEK, TRIBUTARY TO, NEAR LORETTO SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 1-20-7 W.							
10-13-82	0.002						
BEAVER CREEK NEAR LORETTO NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 7-20-6 W.							
10-5-81	38.8	10-13-82	71.8				

PLATTE RIVER BASIN

(LOUP RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982								
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	
		BEAVER CREEK, TRIBUTARY TO, NEAR ST. EDWARD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-18-4 W.						CHERRY CREEK NEAR MONROE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-17-2 W.						
10-5-81	0	10-13-82	0.01			12-15-81	0.02	5-3-82	0	10-29-82	0.002			
		BEAVER CREEK NEAR GENOA SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-18-4 W.						LOUP RIVER, TRIBUTARY TO, NEAR MONROE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-18-2 W.						
10-5-81	47	10-13-82	127			5-3-82	0	10-29-82	0					
		SKEDEE CREEK NEAR GENOA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-17-4 W.						LOUP RIVER, TRIBUTARY TO, NEAR MONROE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-18-2 W.						
10-5-81	0	10-13-82	0			12-15-81	1.13	5-3-82	1.08	11-1-82	1.25			
		BEAVER CREEK AT GENOA (GAGE) NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-17-4 W.						BARNUM CREEK NEAR COLUMBUS NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-17-1 E.						
10-5-81	52	10-13-82	130			5-4-82	3.15	10-29-82	3.29					
		<u>LOWER LOUP RIVER BELOW BEAVER CREEK</u>						LAKE BABCOCK DRAIN NEAR COLUMBUS SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-17-1 E.						
		LOOKING GLASS CREEK NEAR GENOA SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-18-3 W.						5-4-82	1.16	10-29-82	1.71			
12-15-81	0													
		LOOKING GLASS CREEK NEAR MONROE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-18-2 W.												
12-15-81	0.29	5-3-82	0.49	11-1-82	0.71									
		LOOKING GLASS CREEK NEAR MONROE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-17-3 W.												
12-15-81	9.42	5-3-82	9.61	11-1-82	10.6									
		LOUP RIVER, TRIBUTARY TO, NEAR MONROE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-17-3 W.												
5-3-82	1.36	11-1-82	1.25											
		CHERRY CREEK NEAR MONROE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-18-3 W.												
5-3-82	0	10-29-82	0											

PLATTE RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>PLATTE RIVER, LOUP TO ELKHORN</u>						<u>ELM CREEK AT PLATTE CENTER</u> NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-18-2 W.					
			CLEAR CREEK NEAR SHELBY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-16-2 W.			5-3-82	0.17	10-29-82	0.46		
11-23-81	0.29	6-29-82	5.93					<u>SHELL CREEK NEAR PLATTE CENTER</u> NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-18-1 W.			
			CLEAR CREEK NEAR COLUMBUS NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-16-1 E.			12-15-81	9.04	5-3-82	8.48	10-29-82	16.8
11-18-81	18.0	6-29-82	49.4					<u>LOSEKE CREEK NEAR RICHLAND</u> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-18-1 E.			
			WILSON CREEK NEAR BELLWOOD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-16-1 E.			5-4-82	4.0	10-29-82	11.24		
11-18-81	2.10	6-29-82	4.74					<u>SHELL CREEK, TRIBUTARY TO, NEAR RICHLAND</u> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-18-2 E.			
			CLEAR CREEK NEAR BELLWOOD NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-16-2 E.			5-4-82	0.34	11-3-82	1.36		
11-18-81	35.5	6-29-82	69.7					<u>SHELL CREEK NEAR SCHUYLER</u> SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-17-4 E.			
			PLATTE RIVER, TRIBUTARY TO, NEAR BELLWOOD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-16-2 E.			5-4-82	23.76	11-3-82	45.3		
11-18-81	0.44	6-29-82	1.16					<u>LOST CREEK ABOVE LOUP POWER CANAL</u> SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-17-1 E.			
			DEER CREEK NEAR DAVID CITY SE $\frac{1}{4}$ Sec. 11-15-2 E.			10-29-82	2.32				
11-18-81	0.16							<u>LOST CREEK NEAR COLUMBUS</u> NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-17-1 E.			
			DEER CREEK NEAR BELLWOOD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-16-2 E.			12-15-81	4.88	5-4-82	18.96	10-29-82	7.24
11-18-81	1.14	6-29-82	7.43					<u>LOST CREEK, TRIBUTARY TO, NEAR SCHUYLER</u> NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-17-3 E.			
			BONE CREEK NEAR OCTAVIA NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-17-3 E.			12-15-81	4.68	5-4-82	6.26	11-3-82	13.5
11-17-81	0.83	6-29-82	5.75					<u>LOST CREEK NEAR SCHUYLER</u> SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-17-4 E.			
			SHELL CREEK NEAR LINDSAY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-20-3 W.			5-4-82	31.5	11-3-82	46.6		
10-29-81	0	12-15-81	0	5-3-82	0	11-2-82	1.16				

PLATTE RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		PLATTE RIVER, TRIBUTARY TO, NEAR NORTH BEND NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-17-4 E.					
5-4-82	0	11-3-82	0.004				
		SKULL CREEK NEAR LINWOOD NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-17-4 E.					
11-17-81	2.13	6-29-82	12.6				
		PLATTE RIVER, TRIBUTARY TO, NEAR AMES SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7-17-7 E.					
6-10-82	31.4						
		PLATTE RIVER, TRIBUTARY TO, NEAR FREMONT SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-17-7 E.					
6-11-82	18.1						
		ELM CREEK NEAR CEDAR BLUFFS NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-17-8 E.					
7-8-82	0.34						
		OTOE CREEK NEAR LESHARA NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-16-9 E.					
7-8-82	1.09						
		OTOE CREEK NEAR YUTAN NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-15-9 E.					
7-8-82	0.00						

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>UPPER ELKHORN</u>						ELKHORN RIVER, SOUTH FORK, NEAR CHAMBERS NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-26-11 W.					
ELKHORN RIVER, NORTH BRANCH, NEAR STUART SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-31-16 W.						10-27-81	1.75	4-14-82	12.3	11-1-82	4.93
10-27-81	0	4-13-82	6.4	11-1-82	0	ELKHORN RIVER, TRIBUTARY TO, SOUTH FORK, NEAR CHAMBERS NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-25-11 W.					
ELKHORN RIVER NEAR STUART SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-30-16 W.						10-27-81	0	4-14-82	2.5	11-1-82	0
10-27-81	0.16	4-13-82	21.3	11-1-82	3.91	CACHE CREEK NEAR GOOSE LAKE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-25-11 W.					
KEEGAN CREEK NEAR STUART SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20-30-15 W.						4-14-82	1.72	11-1-82	0		
10-27-81	0	4-13-82	5.0	11-1-82	0	CACHE CREEK NEAR EWING SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-26-9 W.					
DRY CREEK NEAR ATKINSON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-29-14 W.						10-27-81	8.48	4-14-82	22.2	11-1-82	13.4
10-27-81	0	4-13-82	8.7	11-1-82	0	CLEARWATER CREEK NEAR CLEARWATER NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-25-8 W.					
HOLT CREEK NEAR ATKINSON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-28-14 W.						10-26-81	14.4	3-25-82	58.0	11-2-82	17.7
10-27-81	2.2	4-13-82	19.5	11-1-82	8.03	HACKBERRY CREEK NEAR CLEARWATER SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-26-7 W.					
DRY CREEK NEAR AMELIA SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-27-14 W.						3-25-82	0.004	11-2-82	0.058		
10-27-81	0	4-13-82	4.60	11-1-82	0	ANTELOPE CREEK NEAR NELIGH NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-25-7 W.					
DRY CREEK NEAR O'NEILL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-28-11 W.						3-25-82	0.91	11-2-82	1.35		
10-27-81	4.47	4-14-82	29.6	11-1-82	9.54	HALL CREEK AT NELIGH NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-25-6 W.					
ELKHORN RIVER, TRIBUTARY TO, NEAR PAGE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-27-9 W.						3-25-82	0.011	11-2-82	0.094		
4-14-82	0	11-1-82	0								
WILLOW SWAMP CREEK NEAR EWING SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-27-10 W.						10-26-81	0.116	3-25-82	0.19	11-2-82	0.12
10-27-81	2.17	4-14-82	3.02	11-1-82	2.49						

PLATTE RIVER BASIN

(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			CEDAR CREEK NEAR ELGIN SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2-23-6 W.						DRY CREEK NEAR TILDEN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-24-4 W.				
3-25-82	0.68	11-2-82	1.04			10-26-81	0.29	3-23-82	1.49	11-2-82	2.01		
			WEST CEDAR CREEK NEAR ELGIN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-23-6 W.						BUFFALO CREEK AT MEADOW GROVE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 24-24-4 W.				
3-25-82	1.65					10-26-81	2.63	3-23-82	4.28	11-2-82	6.08		
			CEDAR CREEK AT OAKDALE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-24-6 W.						DEER CREEK NEAR MEADOW GROVE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30-24-3 W.				
10-26-81	10.8	3-25-82	14.4	11-2-82	13.7	10-22-81	1.09	3-23-82	4.93	11-2-82	4.59		
			ELM CREEK NEAR OAKDALE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-24-5 W.						BATTLE CREEK NEAR BATTLE CREEK NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-23-3 W.				
3-23-82	0.002	11-2-82	0.008			3-23-82	0.03		BATTLE CREEK NEAR BATTLE CREEK SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-24-2 W.				
			TRUEBLOOD CREEK NEAR OAKDALE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-25-5 W.					3-23-82	19.7	10-7-82	15.5		
3-25-82	0.10	11-2-82	0.187						ELKHORN RIVER, TRIBUTARY TO, NEAR BATTLE CREEK NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-24-2 W.				
			SAINT CLAIR CREEK NEAR OAKDALE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-24-5 W.					3-23-82	6.2	10-7-82	3.11		
3-23-82	0	11-2-82	0.117						ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-23-1 W.				
			IVES CREEK NEAR TILDEN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-24-5 W.					3-22-82	0.82	10-7-82	0.51		
10-26-81	0.13	3-23-82	0.53	11-2-82	0.59				ELKHORN RIVER, TRIBUTARY TO, NEAR NORFOLK SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-23-1 W.				
			GILES CREEK NEAR TILDEN SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13-24-5 W.					3-23-82	2.6	10-7-82	0.94		
10-26-81	1.36	3-23-82	2.52	11-2-82	3.43				<u>NORTH FORK OF THE ELKHORN</u>				
			AL HOPKINS CREEK NEAR TILDEN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-24-5 W.						ELKHORN RIVER, NORTH FORK, NEAR OSMOND NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-27-3 W.				
10-26-81	0.28	3-25-82	0.33	11-2-82	0.70	10-6-81	0.37	4-14-82	1.81	10-27-82	3.94		

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.		
		ELKHORN RIVER, WEST BRANCH, NORTH FORK, NEAR OSMOND NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-27-3 W.						WILLOW CREEK AT PIERCE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-26-2 W.					
10-6-81	0.07	4-14-82	0.23	10-27-82	0.96	10-20-82	9.96	11-16-82	2.98				
		BRESLAU CREEK NEAR BRESLAU NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-27-3 W.						WILLOW CREEK AT PIERCE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-26-2 W.					
10-6-81	0.06	4-14-82	0.39	10-27-82	0.59	4-14-82	19.0	4-20-82	20.3	4-26-82	17.7	10-27-82	11.3
		DRY CREEK, TRIBUTARY TO, NEAR PLAINVIEW NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-27-4 W.						HADAR CREEK AT HADAR NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-25-1 W.					
4-14-82	0	10-27-82	0			10-6-81	0.02	4-14-82	0.08	10-27-82	0.14		
		DRY CREEK AT FOSTER NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-27-3 W.						SPRING CREEK NEAR NORFOLK SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-24-1 W.					
10-6-81	3.15	4-14-82	11.12	10-27-82	6.55	3-23-82	3.96	10-7-82	2.51				
		DRY CREEK NEAR PIERCE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-26-2 W.						<u>MIDDLE REACH OF THE ELKHORN</u>					
10-6-81	5.68	4-14-82	17.5	10-27-82	11.6	3-24-82	1.09	9-27-82	0.23	ELKHORN RIVER, TRIBUTARY TO, NEAR STANTON SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-23-1 E.			
		YANKTON SLOUGH NEAR PIERCE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 13-26-2 W.						ELKHORN RIVER, TRIBUTARY TO, NEAR STANTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-23-1 E.					
10-6-81	0	4-14-82	0.02	10-27-82	2.12	3-24-82	4.39						
		WILLOW CREEK NEAR PLAINVIEW NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20-26-4 W.						PLEASANT RUN CREEK NEAR STANTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25-23-1 E.					
4-14-82	3.55	4-20-82	2.43	4-26-82	0.97	10-27-82	4.32	3-24-82	0.57	9-27-82	0		
		WILLOW CREEK NEAR PIERCE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-25-2 W.						UNION CREEK NEAR MADISON SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-21-2 W.					
10-20-82	11.2	11-16-82	22.9	12-23-82	12.6			4-13-82	1.34	11-2-82	3.49		
		WILLOW CREEK BELOW WILLOW CREEK DAM SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-26-2 W.						TAYLOR CREEK AT MADISON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-22-1 W.					
10-20-82	8.75	11-16-82	2.50	12-23-82	48.46			10-29-81	8.99	4-13-82	12.4	11-2-82	10.7

PLATTE RIVER BASIN

(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<p>MERIDIAN CREEK NEAR MADISON SE$\frac{1}{4}$SE$\frac{1}{4}$ Sec. 12-12-1 W.</p>						<p>HUMBUG CREEK NEAR PILGER SW$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 6-24-3 E.</p>							
10-29-81	0.06	4-13-82	5.19	11-2-82	19.6	10-2-81	0.29	3-24-82	2.28	9-27-82	0.83		
<p>SAND CREEK NEAR STANTON SW$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 16-22-1 E.</p>						<p>HUMBUG CREEK NEAR PILGER SE$\frac{1}{4}$SE$\frac{1}{4}$ Sec. 28-24-3 E.</p>							
3-24-82	1.09	9-27-82	0.08			10-2-81	0.72	3-24-82	5.56	9-27-82	3.17		
<p>BUTTERFLY CREEK NEAR STANTON SW$\frac{1}{4}$SE$\frac{1}{4}$ Sec. 32-23-2 E.</p>						<p>SAND CREEK NEAR WISNER SE$\frac{1}{4}$SE$\frac{1}{4}$ Sec. 29-24-4 E.</p>							
3-24-82	0.99	9-27-82	0			10-9-81	0	4-1-82	0.67	11-3-82	1.65		
<p>MASKENTHINE CREEK AT STANTON SE$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 20-23-2 E.</p>						<p>LEISY CREEK NEAR WISNER NW$\frac{1}{4}$SE$\frac{1}{4}$ Sec. 10-23-4 E.</p>							
10-2-81	0	3-24-82	0	9-27-82	0	4-1-82	0.004	11-3-82	0.51				
<p>INDIAN CREEK NEAR STANTON NW$\frac{1}{4}$NW$\frac{1}{4}$ Sec. 21-23-2 E.</p>						<p>ROCK CREEK NEAR BEEMER SW$\frac{1}{4}$SE$\frac{1}{4}$ Sec. 33-23-5 E.</p>							
10-2-81	0	3-24-82	0.30			10-9-81	7.12	4-1-82	8.35	11-3-82	12.42		
<p>CEDAR CREEK NEAR STANTON NW$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 19-23-3 E.</p>						<p>KANE CREEK NEAR WISNER SE$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 8-24-5 E.</p>							
10-2-81	0	3-24-82	1.42	9-27-82	0.43	4-21-82	0.38	11-3-82	2.22				
<p>PAYNE CREEK NEAR STANTON SW$\frac{1}{4}$NE$\frac{1}{4}$ Sec. 12-23-2 E.</p>						<p>PLUM CREEK NEAR WISNER NW$\frac{1}{4}$NW$\frac{1}{4}$ Sec. 2-23-5 E.</p>							
10-2-81	0	3-24-82	0.67	9-27-82	0.40	10-9-81	0.21	4-21-82	3.58	11-3-82	16.4		
<p>HUMBUG CREEK NEAR WINSIDE SW$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 23-25-2 E.</p>						<p>PLUM CREEK NEAR WEST POINT SE$\frac{1}{4}$SW$\frac{1}{4}$ Sec. 4-22-6 E.</p>							
8-4-82	0.48					10-9-81	1.22	4-21-82	5.88	11-3-82	22.6		
<p>HUMBUG CREEK NEAR WINSIDE NE$\frac{1}{4}$NE$\frac{1}{4}$ Sec. 35-25-2 E.</p>						<p>ELKHORN RIVER, TRIBUTARY TO, NEAR WEST POINT NE$\frac{1}{4}$NE$\frac{1}{4}$ Sec. 8-21-6 E.</p>							
8-4-82	1.33					10-9-81	0	4-1-82	0	11-3-82	0.99		

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
ELKHORN RIVER, TRIBUTARY TO, NEAR WEST POINT NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-21-6 E.								PERRIN CREEK NEAR LAUREL SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-29-3 E.							
10-9-81	0.08	4-1-82	0.31	11-3-82	1.37			10-9-81	4.26	4-28-82	4.62	12-7-82	4.51		
COFFEE CREEK NEAR WEST POINT SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 28-21-6 E.								LOGAN CREEK, TRIBUTARY TO, NEAR LAUREL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-29-3 E.							
10-9-81	0.03	4-1-82	0.04	11-3-82	0.09			10-19-81	0	4-28-82	0.33	12-7-82	2.18		
CUMING CREEK NEAR BEEMER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-23-7 E.								LOGAN CREEK, TRIBUTARY TO, NEAR CONCORD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-28-4 E.							
10-9-81	0	4-21-82	0.34	11-3-82	2.50			10-19-81	0.004	5-3-82	0.52	12-7-82	2.33		
CUMING CREEK NEAR WEST POINT NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-21-7 E.								SOUTH LOGAN CREEK NEAR WINSIDE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 33-26-3 E.							
4-1-82	1.98	11-3-82	4.31			3-26-82	2.12	10-28-82	3.43						
CUMING CREEK NEAR SCRIBNER SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-20-7 E.								DEER CREEK, TRIBUTARY TO, NEAR WAYNE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-26-3 E.							
6-11-82	7.58	12-6-82	14.8			10-29-81	1.21	3-26-82	2.49	10-28-82	2.98				
PEBBLE CREEK NEAR ALOYS SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14-21-5 E.								DEER CREEK NEAR WAYNE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-26-3 E.							
4-1-82	1.48	11-3-82	5.69			10-19-81	0.65	3-26-82	2.92	10-28-82	7.58				
PEBBLE CREEK, TRIBUTARY TO, AT SNYDER SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-20-6 E.								SOUTH LOGAN CREEK AT WAYNE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-26-4 E.							
6-11-82	4.35	12-6-82	5.6			10-19-81	1.30	3-26-82	6.02	10-28-82	13.58				
SILVER CREEK NEAR SCRIBNER NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-19-6 E.								DOG CREEK NEAR WAYNE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-27-3 E.							
6-11-82	4.2	12-6-82	5.68			10-19-81	2.4	3-26-82	5.25	10-28-82	7.77				
<u>LOGAN CREEK</u>								SOUTH LOGAN CREEK NEAR WAKEFIELD SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-27-5 E.							
MIDDLE LOGAN CREEK NEAR LAUREL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-28-3 E.															
10-19-81	0.88	4-28-82	2.42	12-7-82	2.54			10-22-81	7.84	5-3-82	15.3	12-7-82	34.5		

PLATTE RIVER BASIN

(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.		
			COON CREEK NEAR WAKEFIELD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-26-5 E.								MIDDLE MAPLE CREEK AT CLARKSON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-20-3 E.		
3-26-82	0.49	10-28-82	4.18			11-9-82	13.94						
			MIDDLE CREEK NEAR PENDER SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-25-6 E.								DRY CREEK NEAR ROGERS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-18-4 E.		
3-30-82	3.40	12-6-82	8.21			5-4-82	0	11-9-82	6.30				
			STAGE CREEK NEAR PENDER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-24-6 E.								MIDDLE MAPLE CREEK NEAR ROGERS NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14-18-4 E.		
4-21-82	0.09	12-6-82	0.35			5-4-82	1.56	11-9-82	20.3				
			JEPPSON CREEK NEAR BANCROFT NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-24-7 E.								MAPLE CREEK, EAST FORK, NEAR HOWELLS NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-20-4 E.		
4-21-82	0	12-6-82	0.40			11-9-82	10.46						
			OLD LOGAN CREEK NEAR BANCROFT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-24-7 E.								MAPLE CREEK, EAST FORK, NEAR ROGERS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-18-4 E.		
4-21-82	0.12	12-6-82	2.94			5-4-82	1.43	11-9-82	13.5				
			LITTLE LOGAN CREEK NEAR LYONS SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-23-8 E.								CRYSTAL CREEK NEAR NORTH BEND NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-19-5 E.		
10-22-81	0.02	5-11-82	0.53	6-24-82	3.47	10-26-82	5.10	6-11-82	0.88				
			PETERSON CREEK NEAR OAKLAND NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-21-8 E.								ELKHORN RIVER, TRIBUTARY TO, NEAR FREMONT NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-17-9 E.		
5-11-82	0	6-24-82	0	10-26-82	0.49			6-11-82	6.80				
			ROMBERG CREEK NEAR UEHLING SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-20-8 E.								BELL CREEK NEAR CRAIG SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-21-9 E.		
4-1-82	0.25	6-11-82	0.39	12-6-82	2.0			5-11-82	4.48	6-24-82	12.9	10-26-82	12.3
			<u>LOWER ELKHORN</u>										
			CLARK CREEK NEAR WINSLOW NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-19-9 E.										
4-1-82	0.13	6-11-82	3.47	12-6-82	4.12			4-21-82	9.28				

PLATTE RIVER BASIN
(ELKHORN RIVER)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			LITTLE BELL CREEK NEAR FONTANELLE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-18-10 E.				
4-21-82	1.13						
			BROWN CREEK NEAR ARLINGTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-17-10 E.				
4-21-82	0.25						
			BELL CREEK NEAR ARLINGTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-17-10 E.				
4-21-82	12.25						
			WALNUT CREEK NEAR ARLINGTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-17-10 E.				
4-21-82	0.37						
			RAWHIDE CREEK NEAR FREMONT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-17-9 E.				
6-11-82	3.37						
			RAWHIDE CREEK NEAR VALLEY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-17-10 E.				
6-11-82	12.18						
			RAWHIDE CREEK NEAR VALLEY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-16-10 E.				
7-27-82	5.22						
			RAWHIDE CREEK (OLD CHANNEL) NEAR VALLEY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-16-10 E.				
10-29-81	14.6	7-27-82	15.25				
			BIG SLOUGH NEAR KING LAKE SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-16-10 E.				
10-29-81	1.89	7-27-82	4.36				

PLATTE RIVER BASIN

(SALT CREEK)

MEASUREMENT OF STREAMS Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			SPRING BRANCH NEAR SPRAGUE NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 5-7-6 E.						HUNTER'S SLOUGH NEAR TOUHY SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 29-14-5 E.		
12-15-81	0.58	4-13-82	0.59			5-4-82	0.33				
			CARDWELL BRANCH NEAR LINCOLN SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-9-6 E.						BATES BRANCH NEAR VALPARAISO NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-13-5 E.		
12-15-81	0.00	6-14-82	2.61			5-4-82	1.27				
			BEAL SLOUGH AT LINCOLN NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 11-9-6 E.						NORTH OAK CREEK NEAR RAYMOND SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 2-12-5 E.		
12-15-81	0.14	6-14-82	0.86			10-6-81	4.48	5-4-82	9.64		
			HAINES BRANCH NEAR DENTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-9-5 E.						WAGON TONGUE CREEK NEAR RAYMOND NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 4-12-5 E.		
12-15-81	0.89	6-14-82	2.65			10-6-81	0.09	5-4-82	0.46		
			CHEESE CREEK NEAR DENTON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20-9-5 E.						WAGON TONGUE CREEK NEAR RAYMOND SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-12-5 E.		
12-15-81	0.68	6-14-82	4.19			10-6-81	0.05	5-4-82	1.14		
			HAINES BRANCH NEAR LINCOLN NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 4-9-6 E.						OAK CREEK NEAR GARLAND SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 13-12-4 E.		
12-15-81	5.51	6-14-82	16.1			5-4-82	4.34	10-22-82	6.77		
			MIDDLE CREEK, TRIBUTARY TO, NEAR MILFORD SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-10-4 E.						MIDDLE OAK CREEK NEAR GARLAND NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 22-12-4 E.		
4-22-82	0.05					5-4-82	3.01	10-22-82	3.96		
			MIDDLE CREEK, NORTH BRANCH, NEAR PANNEE LAKE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 31-11-5 E.						MIDDLE OAK CREEK, TRIBUTARY TO, NEAR BRANCHED OAK LAKE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-12-4 E.		
12-10-81	1.60	6-14-82	3.79			5-4-82	0.73	10-22-82	0.79		
			MIDDLE CREEK NEAR LINCOLN NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 28-10-6 E.						OAK CREEK NEAR BRANCHED OAK LAKE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 34-12-5 E.		
12-15-81	2.51	6-14-82	12.0			12-10-81	0.86	5-4-82	23.0		

PLATTE RIVER BASIN
(SALT CREEK)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		OAK CREEK NEAR BRANCHED OAK LAKE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-12-5 E.						ROCK CREEK, NORTH FORK, NEAR CERESCO SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-13-7 E.			
5-4-82	19.1					5-4-82	2.46				
		OAK CREEK NEAR RAYMOND NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-11-6 E.						ASH HOLLOW NEAR DAVEY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-12-7 E.			
5-4-82	21.5					12-10-81	0.40	5-10-82	0.62		
		ELK CREEK NEAR LINCOLN NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-11-6 E.						ROCK CREEK NEAR WAVERLY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-12-8 E.			
12-10-81	0.79	5-4-82	0.42			12-10-81	15.4	6-14-82	23.4		
		WEST OAK CREEK NEAR LINCOLN SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-11-6 E.						CAMP CREEK NEAR WAVERLY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-11-8 E.			
12-10-81	0.43	5-4-82	0.95			12-10-81	1.91	6-14-82	6.06		
		DEAD MAN'S RUN AT LINCOLN NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-10-7 E.						DEE CREEK NEAR GREENWOOD SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6-11-9 E.			
12-15-81	0.93	6-14-82	1.83			12-8-81	1.33	4-15-82	2.26		
		JORDAN CREEK NEAR WAVERLY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-11-8 E.						GREENWOOD CREEK NEAR GREENWOOD NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-12-9 E.			
12-10-81	0.42	5-10-82	1.12			12-8-81	0.72	4-15-82	0.77		
		ROCK CREEK NEAR CERESCO SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-13-6 E.						ROBINSON BRANCH NEAR GREENWOOD SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-2-9 E.			
5-4-82	2.74					12-8-81	1.04	4-15-82	1.31		
		ROCK CREEK, TRIBUTARY TO, NEAR CERESCO NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-13-6 E.						CALLAHAN CREEK NEAR GREENWOOD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-12-9 E.			
5-4-82	0.41					12-8-81	2.14	4-15-82	2.68		
		ROCK CREEK NEAR DAVEY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-12-7 E.						WAHOO CREEK, NORTH FORK SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29-15-6 E.			
12-10-81	5.94	5-10-82	0.40			5-10-82	1.85				

PLATTE RIVER BASIN
(SALT CREEK)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	
		WAHOO CREEK, TRIBUTARY TO, NORTH FORK NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-15-6 E.					SAND CREEK NEAR WAHOO SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-14-7 E.			
5-10-82	2.52					5-10-82	8.95			
		DUNLAP CREEK AT WESTON NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-14-6 E.					MOSQUITO CREEK NEAR MEMPHIS SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-13-9 E.			
5-10-82	0.79					5-10-82	0.28			
		WAHOO CREEK NEAR WESTON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 10-14-6 E.					WAHOO CREEK AT ASHLAND SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-13-9 E.			
5-10-82	2.16					7-8-82	72.7			
		MILLER BRANCH NEAR WAHOO NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-14-7 E.					JOHNSON CREEK NEAR MEMPHIS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-14-9 E.			
5-10-82	0.92					7-8-82	1.32			
		COTTONWOOD CREEK NEAR PRAGUE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-15-5 E.					CLEAR CREEK NEAR ASHLAND SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-13-9 E.			
5-10-82	0.87					7-8-82	15.7			
		COTTONWOOD CREEK NEAR MALMO SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-15-6 E.					WEST SILVER CREEK NEAR ASHLAND NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-13-9 E.			
5-10-82	1.93					7-8-82	1.29			
		SAND CREEK NEAR PRAGUE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-16-5 E.								
5-10-82	0.83									
		SPRING CREEK NEAR PRAGUE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-16-2 E.								
5-10-82	0.40									
		DUCK CREEK NEAR COLON SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-15-7 E.								
5-10-82	1.23									

MISSOURI RIVER TRIBUTARIES
(PLATTE TO LITTLE NEMAHA)

MEASUREMENT OF STREAMS Year Ending December 31, 1982								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>ROCK CREEK</u>								<u>CASCADE CREEK NEAR WEEPING WATER</u> SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 11-10-11 E.							
MUD CREEK NEAR MURRAY SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 17-11-14 E.								11-24-81	0.18	4-21-82	0.48				
11-17-81	0.51	7-13-82	1.46					CEDAR CREEK, SOUTH, NEAR WEEPING WATER NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 5-10-12 E.							
ROCK CREEK BELOW BEAVER LAKE DAM NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 17-11-14 E.								11-24-81	0.88	4-21-82	2.31				
11-17-81	1.48	7-13-82	3.30					WEEPING WATER CREEK, TRIBUTARY TO, NORTH BRANCH, NEAR NEHAWKA SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 18-10-13 E.							
<u>RAKES CREEK</u>								11-24-81	0.00	7-13-82	10.2				
RAKES CREEK NEAR MURRAY NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 5-10-14 E.								11-17-81	0.24	7-13-82	0.86				
<u>ERVINE CREEK</u>								FLOOD CREEK NEAR NEHAWKA SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 2-9-12 E.							
ERVINE CREEK NEAR UNION NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 17-10-14 E.								11-12-81	0.62	7-8-82	3.45				
11-17-81	0.52	7-13-82	2.69					JORDAN CREEK NEAR NEHAWKA SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 6-9-13 E.							
<u>WEEPING WATER CREEK</u>								11-12-81	0.54	7-8-82	0.79				
STOVE CREEK NEAR ELMWOOD SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-10-10 E.								11-24-81	0.45	4-21-82	0.24				
WEEPING WATER CREEK, NORTH BRANCH, NEAR ELMWOOD SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 35-11-10 E.								11-17-81	1.76	7-13-82	2.43				
11-24-81	1.24	4-21-82	1.17					WEEPING WATER CREEK, SOUTH BRANCH, NEAR UNION NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 27-10-13 E.							
WEEPING WATER CREEK, NORTH BRANCH, NEAR WEEPING WATER NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 3-10-11 E.								11-17-81	4.32	7-13-82	19.8				
11-24-81	3.79	4-21-82	4.71					WOLF CREEK NEAR UNION SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 35-10-13 E.							
								11-17-81	0.32	7-13-82	0.78				

MISSOURI RIVER TRIBUTARIES
(PLATTE TO LITTLE NEMAHA)

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>WALNUT CREEK</u>							
WALNUT CREEK NEAR NEBRASKA CITY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-9-13 E.							
11-17-81	2.73	6-23-82	3.14	10-27-82	3.14		
<u>TABLE CREEK</u>							
NORTH TABLE CREEK AT NEBRASKA CITY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-8-14 E.							
11-17-81	0.49	6-23-82	1.54	10-27-82	1.09		
SOUTH TABLE CREEK AT NEBRASKA CITY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-8-14 E.							
11-17-81	1.29	6-23-82	8.19	10-27-82	3.60		
<u>FOUR MILE CREEK</u>							
FOUR MILE CREEK NEAR NEBRASKA CITY NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-8-14 E.							
11-17-81	0.80	7-13-82	3.89	10-27-82	3.49		
<u>CAMP CREEK</u>							
CAMP CREEK NEAR JULIAN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-7-14 E.							
11-17-81	1.56	7-13-82	6.67	10-27-82	5.82		
<u>BUCK CREEK</u>							
BUCK CREEK NEAR PERU NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-6-15 E.							
10-29-81	0.02						
<u>HONEY CREEK</u>							
HONEY CREEK NEAR PERU NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36-6-15 E.							
10-29-81	1.04	7-20-82	4.71				

LITTLE NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			SILVER CREEK NEAR PALMYRA NW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 2-8-9 E.								LITTLE NEMAHA RIVER, SOUTH FORK, AT DOUGLAS SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 11-7-9 E.
11-9-81	0.74	4-20-82	2.27			10-29-81	0.24	4-20-82	1.21		
			LITTLE NEMAHA RIVER NEAR UNADILLA NW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 5-8-10 E.								SILVER CREEK NEAR COOK NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 12-6-10 E.
11-9-81	1.71	4-20-82	5.43			10-29-81	1.12	4-15-82	1.28	11-3-82	1.47
			HOOPER CREEK NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 33-9-10 E.								TURKEY CREEK NEAR COOK NE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 8-6-11 E.
11-9-81	1.28	4-20-82	3.24			10-29-81	1.11	4-15-82	1.29	11-3-82	1.34
			RUSSELL CREEK NEAR UNADILLA SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-8-10 E.								COON CREEK NEAR COOK NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 15-6-11 E.
11-9-81	0.33	4-20-82	0.84			10-29-81	0.65	4-15-82	0.70	11-3-82	0.56
			OWL CREEK NEAR UNADILLA SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 23-9-10 E.								LITTLE NEMAHA RIVER, SOUTH FORK, NEAR TALMAGE NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 29-7-12 E.
7-8-82	1.72					11-12-81	14.1	7-19-82	24.3		
			WOLF RUN NEAR SYRACUSE NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 18-8-11 E.								LITTLE NEMAHA RIVER NEAR TALMAGE NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 20-7-12 E.
11-9-81	0.37	4-20-82	1.66			11-12-81	24.4	7-19-82	68.1		
			LITTLE NEMAHA RIVER AT SYRACUSE SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 27-8-11 E.								SPRING CREEK, TRIBUTARY TO, NEAR COOK NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 20-6-12 E.
11-9-81	4.40	7-8-82	51.6			4-15-82	0.11				
			BROWNELL CREEK NEAR SYRACUSE SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 26-8-11 E.								SPRING CREEK NEAR TALMAGE NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 27-7-12 E.
11-9-81	0.35	7-8-82	3.24			11-12-81	0.91	7-19-82	3.51		
			MUDDY CREEK NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 23-7-11 E.								LITTLE NEMAHA RIVER, NORTH FORK, NEAR OTOE SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 19-9-12 E.
10-29-81	0.88	7-8-82	4.48			11-12-81	0.84	7-8-82	13.6		

LITTLE NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			WILSON CREEK NEAR DUNBAR SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 12-8-12 E.							ROCK CREEK NEAR AUBURN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-6-14 E.			
11-12-81	0.70	6-23-82	3.16	10-27-82	1.23	10-30-81	2.37	7-19-82	10.4				
			FOX CREEK NEAR DUNBAR SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 18-8-13 E.							ORD CREEK NEAR AUBURN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-5-14 E.			
11-12-81	0.53	6-23-82	5.49	10-27-82	3.06	10-30-81	0.16	7-20-82	1.45				
			LITTLE NEMAHA RIVER, NORTH FORK, NEAR LORTON SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 12-7-12 E.							SCOTCH BRANCH NEAR AUBURN SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-5-14 E.			
11-12-81	3.38	6-23-82	51.9	10-27-82	21.3	10-30-81	0.00	7-20-82	1.13				
			SANDY CREEK NEAR TALMAGE SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 32-7-13 E.							LONGS CREEK NEAR AUBURN SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-5-14 E.			
11-12-81	0.49	7-19-82	1.78	10-27-82	1.56	10-30-81	0.91	7-20-82	5.52				
			JONES CREEK NEAR BROCK SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 6-6-13 E.							WILLOW CREEK NEAR AUBURN NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-5-14 E.			
10-30-81	0.82	7-19-82	1.54			10-30-81	0.23	7-20-82	1.17				
			HOUSCHINS CREEK NEAR BROCK SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-6-13 E.							HUGHES CREEK NEAR AUBURN NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-5-14 E.			
10-30-81	0.36	7-19-82	2.73			10-29-81	1.14	7-26-82	3.74				
			LITTLE NEMAHA RIVER, TRIBUTARY TO, NEAR GLENROCK SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-6-13 E.							INDIAN CREEK NEAR NEMAHA NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-4-15 E.			
10-30-81	0.35	7-20-82	2.76			10-29-81	0.52	7-26-82	2.04				
			LITTLE NEMAHA RIVER, TRIBUTARY TO SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-6-14 E.							SWARTZ RUN NEAR NEMAHA SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-5-15 E.			
10-30-81	0.00	7-19-82	1.05			10-29-81	0.92	7-20-82	1.79				
			HIGGINS BRANCH NEAR JULIAN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-6-14 E.							HAPPY HOLLOW CREEK NEAR NEMAHA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 2-4-15 E.			
10-30-81	0.10	7-19-82	0.38			10-29-81	0.77	7-20-82	1.30				

LITTLE NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
JIVERS CREEK NEAR NEMAHA NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-4-15 E.							
10-29-81	0.90	7-26-82	4.29				
WHISKEY RUN NEAR NEMAHA NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24-4-15 E.							
10-29-81	0.84	7-26-82	2.86				

MISSOURI RIVER TRIBUTARIES
(LITTLE NEMAHA TO BIG NEMAHA)

MEASUREMENT OF STREAMS Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	
DEROIN CREEK NEAR NEMAHA SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-4-16 E.							
10-29-81	0.62	7-26-82	2.80				
BEADON CREEK NEAR SHUBERT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-4-16 E.							
10-29-81	0.94	7-26-82	2.06				
WINE CREEK NEAR BARADA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-3-17 E.							
10-29-81	0.03	7-26-82	0.13				
GOUCHER HOLLOW NEAR BARADA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-3-17 E.							
10-29-81	0.71	7-26-82	1.12				
WINNEBAGO CREEK NEAR RULO SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-2-18 E.							
11-13-81	2.02	7-27-82	2.95				

BIG NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>NORTH FORK OF THE BIG NEMAHA</u>						<u>LAFLINS BRANCH NEAR CRAB ORCHARD</u>					
BIG NEMAHA RIVER, MIDDLE BRANCH OF THE NORTH FORK, NEAR FIRTH SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-7-7 E.						NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-4-9 E.					
10-29-81	0.04	4-13-82	0.03			10-27-81	0.05	4-13-82	0.43		
SHAW CREEK NEAR ADAMS SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 21-6-8 E.						LOST BRANCH NEAR CRAB ORCHARD SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-5-9 E.					
10-8-81	0.50	4-13-82	1.86			10-27-81	0.06	4-13-82	1.37		
JAKES CREEK NEAR ADAMS SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-6-8 E.						YANKEE CREEK AT VESTA SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-5-9 E.					
10-8-81	0.10	4-13-82	0.97			10-27-81	0.45	4-13-82	4.60		
BIG NEMAHA RIVER, NORTH FORK, NEAR STERLING SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16-6-9 E.						BREWERS BRANCH NEAR TECUMSEH SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-5-10 E.					
10-27-81	2.23	4-13-82	1.56	11-3-82	0.42	10-27-81	0.14	4-13-82	0.28		
BIG NEMAHA RIVER, NORTH FORK, NEAR STERLING NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 27-6-9 E.						YANKEE CREEK NEAR TECUMSEH NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 25-5-10 E.					
10-27-81	8.66	4-13-82	13.1	11-3-82	10.2	10-27-81	0.69	4-13-82	7.02	11-3-82	4.06
HOOKER CREEK NEAR STERLING NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-6-9 E.						BADGER BRANCH NEAR TECUMSEH SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-5-11 E.					
10-27-81	0.00	4-13-82	0.31			10-27-81	0.64	4-15-82	1.40	11-3-82	1.97
PRATTS BRANCH NEAR STERLING SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 25-6-9 E.						BIG NEMAHA RIVER, NORTH FORK, AT TECUMSEH NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-5-11 E.					
10-27-81	0.00	4-13-82	0.00			11-9-81	21.5	4-15-82	28.4	11-3-82	23.2
DEER CREEK NEAR STERLING NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-5-10 E.						TOWN BRANCH AT TECUMSEH NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-5-11 E.					
10-27-81	0.00	4-13-82	0.00			10-29-81	0.04	4-15-82	0.41		
BEATTY CREEK NEAR TECUMSEH NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 22-5-10 E.						CORSON BRANCH NEAR TECUMSEH SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3-4-11 E.					
10-27-81	0.00	4-13-82	0.02			10-27-81	0.11	4-15-82	0.50	11-3-82	0.31

BIG NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.		
			TODD CREEK NEAR ELK CREEK NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-4-11 E.						LONG BRANCH NEAR HUMBOLDT SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-2-13 E.				
10-29-81	0.73	4-15-82	1.75			11-9-81	5.31	7-12-82	6.02				
			TODD CREEK NEAR ELK CREEK SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-4-11 E.						BARNEYS BRANCH NEAR DAWSON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23-2-14 E.				
11-9-81	2.74	4-15-82	6.56	11-2-82	4.45	11-9-81	0.43	7-20-82	0.39				
			ROBINSON CREEK NEAR ELK CREEK SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-4-12 E.						SOUTH FORK OF THE BIG NEMAHA				
10-29-81	0.04	4-15-82	0.19						TURKEY CREEK NEAR STEINHAUER NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-3-10 E.				
			CLEAR CREEK NEAR TABLE ROCK SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-3-12 E.					10-28-81	0.03	6-24-82	9.31		
10-28-81	0.51	6-25-82	3.82	11-2-82	2.08				ROCK CREEK NEAR STEINHAUER SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 24-3-10 E.				
			TAYLOR BRANCH NEAR TABLE ROCK NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-3-12 E.					10-28-81	0.68	6-24-82	3.37	11-2-82	0.83
10-28-81	0.45	6-25-82	3.39	11-2-82	8.13				TURKEY CREEK AT PAWNEE CITY NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27-2-11 E.				
			BIG NEMAHA RIVER, NORTH FORK, NEAR TABLE ROCK NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-3-12 E.					10-28-81	1.60	6-24-82	15.9		
6-25-82	92.9								BALLS BRANCH NEAR PAWNEE CITY NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-2-11 E.				
			ROUND GROVE CREEK NEAR HUMBOLDT SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-2-13 E.					10-28-81	2.18	6-24-82	8.93	11-2-82	2.36
11-9-81	0.26	7-20-82	0.30						TURKEY CREEK, WEST BRANCH, NEAR PAWNEE CITY SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 33-2-11 E.				
			DRY BRANCH NEAR HUMBOLDT NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-2-13 E.					10-28-81	2.30	6-24-82	13.8	11-2-82	0.00
11-9-81	0.83	7-20-82	2.25						TURKEY CREEK NEAR PAWNEE CITY NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26-1-11 E.				
			KIRKMANS BRANCH NEAR HUMBOLDT NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-3-13 E.					11-2-82	10.3				
11-9-81	0.57	7-20-82	0.68						JOHNSON CREEK NEAR DU BOIS SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-1-11 E.				
								10-28-81	1.04	6-24-82	6.88	11-2-82	1.75

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

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
				NEGRO BRANCH NEAR DU BOIS NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 35-1-12 E.				CONTRARY CREEK NEAR SALEM NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 15-1-15 E.			
10-28-81	0.21	6-24-82	1.50			11-16-81	0.59	7-26-82	0.86		
				LORES BRANCH NEAR DU BOIS NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 26-1-12 E.				ROCK CREEK NEAR SALEM NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 15-1-15 E.			
10-28-81	0.06	6-24-82	1.44			11-16-81	4.89	7-27-82	7.68		
				FOUR MILE CREEK NEAR DAWSON NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 6-1-14 E.				BIG NEMAHA RIVER, SOUTH FORK, NEAR SALEM SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-1-16 E.			
11-9-81	4.20	7-12-82	6.99			11-16-81	108.8	7-27-82	114.0		
				RATTLESNAKE CREEK NEAR SALEM NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 21-1-14 E.				LOWER BIG NEMAHA			
11-9-81	1.04	7-12-82	2.16					PONY CREEK NEAR FALLS CITY SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 22-1-16 E.			
				SPRING CREEK NEAR SALEM SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 9-1-14 E.				WALNUT CREEK NEAR FALLS CITY SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 36-1-16 E.			
11-9-81	3.26	7-12-82	5.71			11-3-81	17.1	7-27-82	13.0		
				EASLY CREEK NEAR DAWSON NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 17-1-14 E.				MUDDY CREEK NEAR AUBURN SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 3-4-13 E.			
11-9-81	2.22	7-12-82	6.14			11-13-81	17.1	7-27-82	22.8		
				HOLY CREEK NEAR SALEM NE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 10-1-14 E.				MUDDY CREEK NEAR AUBURN SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 3-4-13 E.			
11-9-81	0.19	7-12-82	0.34			10-30-81	0.72	7-20-82	2.48		
				HONEY CREEK NEAR SALEM NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 13-1-14 E.				MUDDY CREEK, TRIBUTARY TO SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 10-4-13 E.			
11-9-81	2.40	7-12-82	2.38			10-30-81	0.49	7-20-82	1.39		
				RABBIT CREEK NEAR SALEM SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 30-1-15 E.				HOOSIER CREEK NEAR STELLA SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 17-3-15 E.			
11-9-81	0.77	7-12-82	1.20			11-6-81	0.76	7-20-82	0.59		
								WHISKEY RUN NEAR STELLA SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 23-3-14 E.			
						11-6-81	2.56	7-20-82	1.53		

BIG NEMAHA RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982				
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			DRY BRANCH NEAR STELLA SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-3-14 E.						NOHARTS CREEK NEAR PRESTON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-1-17 E.
11-6-81	1.60	7-20-82	0.99			11-13-81	4.32	7-27-82	5.51
			LITTLE MUDDY CREEK NEAR STELLA NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19-3-15 E.						ROYS CREEK NEAR RULO SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-1-18 E.
11-6-81	11.2	7-20-82	8.34			11-13-81	9.06	7-27-82	0.20
			MUDDY CREEK, TRIBUTARY TO, NEAR VERDON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-3-15 E.						
11-6-81	0.65	7-20-82	0.35						
			SARDINE BRANCH NEAR VERDON SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 10-2-15 E.						
11-6-81	3.64	7-20-82	2.24						
			MACKELROY CREEK NEAR VERDON SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-2-16 E.						
11-6-81	2.96	7-20-82	3.18						
			GOOLSBY CREEK NEAR FALLS CITY NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28-2-16 E.						
11-6-81	3.02	7-20-82	4.22						
			SILVER CREEK NEAR FALLS CITY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26-2-16 E.						
11-13-81	1.24	7-27-82	0.71						
			HALFBREED CREEK NEAR FALLS CITY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-1-17 E.						
11-13-81	3.45	7-27-82	5.08						
			MUDDY CREEK NEAR PRESTON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 16-1-17 E.						
11-13-81	44.0	7-27-82	43.6						

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>UPPER REPUBLICAN</u>						<u>LOCHLIE CREEK NEAR BLOOMINGTON</u> NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 13-1-16 W.					
REPUBLICAN RIVER NEAR CAMBRIDGE Sec. 27-4-25 W.						COTTONWOOD CREEK, LITTLE, NEAR BLOOMINGTON SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-1-15 W.					
7-16-82	52.0	7-28-82	117			6-22-82	.49				
<u>LOWER REPUBLICAN</u>						REPUBLICAN RIVER, TRIBUTARY TO, NEAR BLOOMINGTON NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-1-15 W.					
EUREKA CREEK NEAR REPUBLICAN CITY SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-1-17 W.						LOST CREEK NEAR BLOOMINGTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10-1-15 W.					
6-22-82	.48					6-22-82	.45				
CRYSTAL CREEK NEAR NAPONEE NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-1-16 W.						VINCING CREEK NEAR FRANKLIN NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3-1-15 W.					
6-22-82	1.68					6-22-82	7.56				
TURKEY CREEK NEAR NAPONEE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-1-16 W.						WALNUT RUN NEAR FRANKLIN SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-2-14 W.					
6-22-82	15.1					6-22-82	.06				
REPUBLICAN RIVER, TRIBUTARY TO, NEAR NAPONEE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-1-16 W.						CALUMET CREEK NEAR FRANKLIN SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-1-14 W.					
6-22-82	.46					6-22-82	.85				
REBECCA CREEK NEAR NAPONEE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-1-16 W.						WASP CREEK NEAR FRANKLIN NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-2-14 W.					
6-22-82	3.03					6-21-82	2.61				
REPUBLICAN RIVER, TRIBUTARY TO, NEAR NAPONEE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 1-1-16 W.						COATES CREEK NEAR FRANKLIN NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-2-14 W.					
6-22-82	1.07					6-22-82	0.00				
COTTONWOOD CREEK NEAR BLOOMINGTON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-1-16 W.											
6-22-82	5.04					6-22-82	1.01				

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982				
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			REAMS CREEK NEAR FRANKLIN SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 3-1-14 W.						FARMERS CREEK NEAR INAVALE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-2-12 W.
6-21-82	2.68					6-18-82	4.08		
			LOVELY CREEK NEAR FRANKLIN SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14-2-14 W.						WALNUT CREEK NEAR INAVALE SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-1-12 W.
6-14-82	.524					6-18-82	11.0		
			LOVELY CREEK NEAR FRANKLIN NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-2-14 W.						DRY CREEK NEAR INAVALE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-1-12 W.
4-19-82	1.27					6-18-82	0.00		
			LOVELY CREEK NEAR FRANKLIN NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-2-14 W.						SPRING CREEK AT INAVALE SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-2-12 W.
6-22-82	1.46					6-18-82	0.00		
			LOHFF-SCHOOL CREEK NEAR RIVERTON SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-1-13 W.						BUFFALO CREEK NEAR INAVALE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-1-12 W.
6-21-82	4.91					6-18-82	2.76		
			THOMPSON CREEK NEAR RIVERTON ¹ NE $\frac{1}{4}$ Sec. 5-2-13 W.						SCHOOL CREEK NEAR INAVALE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-2-12 W.
12-9-81	2.0	3-2-82	2.3			6-18-82	0.00		
			THOMPSON CREEK ¹ NE $\frac{1}{4}$ Sec. 22-2-13 W.						HUNGRY CREEK NEAR INAVALE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-1-12 W.
12-9-81	18.9	3-2-82	25.3			6-18-82	.60		
			THOMPSON CREEK ¹ SE $\frac{1}{4}$ Sec. 35-2-13 W.						STATE CREEK NEAR INAVALE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-1-11 W.
12-8-81	22.6					6-18-82	.36		
			ROCK CREEK NEAR RIVERTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 11-1-13 W.						REPUBLICAN RIVER, TRIBUTARY TO, NEAR RED CLOUD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-1-11 W.
6-21-82	1.08					6-18-82	.01		

REPUBLICAN RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982								MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			LOUISA CREEK NEAR RED CLOUD NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 17-1-11 W.							HICKS CREEK NEAR RED CLOUD NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-1-10 W.					
6-18-82	3.24							6-21-82	1.45						
			REPUBLICAN RIVER, TRIBUTARY TO, NEAR RED CLOUD NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 16-1-11 W.									OAK CREEK NEAR GUIDE ROCK SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 11-1-10 W.			
6-18-82	.01							6-21-82	1.15						
			PENNY CREEK NEAR RED CLOUD NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 16-1-11 W.									WILLOW CREEK NEAR GUIDE ROCK SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 36-2-10 W.			
6-18-82	2.64							6-18-82	.92						
			INDIAN CREEK NEAR RED CLOUD SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 33-2-11 W.									ADVENT CREEK NEAR GUIDE ROCK SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 18-1-9 W.			
6-18-82	3.18							6-21-82	.70						
			REPUBLICAN RIVER, TRIBUTARY TO, NEAR RED CLOUD SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 12-1-11 W.									MINNIE SOAP CREEK NEAR GUIDE ROCK SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 9-1-9 W.			
6-21-82	1.52							6-21-82	.25						
			REPUBLICAN RIVER, TRIBUTARY TO, NEAR RED CLOUD SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 7-1-10 W.									SOAP CREEK NEAR GUIDE ROCK SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 10-1-9 W.			
6-21-82	0.00							6-21-82	.04						
			CROOKED CREEK NEAR RED CLOUD NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 1-1-11 W.									ASH CREEK NEAR GUIDE ROCK SW $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 15-1-9 W.			
6-18-82	2.21							6-21-82	3.24						
			DRY CREEK NEAR RED CLOUD NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 5-1-10 W.									AYRS CREEK NEAR SUPERIOR SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 18-1-8 W.			
6-18-82	.82							6-14-82	1.00						
			ELM CREEK NEAR RED CLOUD ³ NE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 3-1-10 W.									CROOKED AUGER CREEK NEAR SUPERIOR SE $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 20-1-8 W.			
6-18-82	14.9							6-14-82	.53						

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1982					MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982								
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>UPPER BIG BLUE RIVER</u>													
BIG BLUE RIVER NEAR MARQUETTE SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 34-12-6 W.													
11-24-81	0.00	6-9-82	0.00	4-22-82	10.9	10-22-82	34.1						
BIG BLUE RIVER NEAR STROMSBURG SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 7-13-2 W.													
11-23-81	0.00	6-29-82	4.05	4-22-82	11.0								
PRAIRIE CREEK, TRIBUTARY TO, NEAR POLK SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 12-13-4 W.													
11-23-81	0.00	6-29-82	0.00	11-24-81	0.00	6-9-82	0.04						
PRAIRIE CREEK NEAR STROMSBURG SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 1-13-3 W.													
11-23-81	0.00	6-29-82	0.64	11-24-81	0.00	6-30-82	0.62	10-22-82	0.00				
DAVIS CREEK NEAR OSCEOLA SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 26-14-2 W.													
11-23-81	0.00	6-29-82	0.14	11-24-81	0.00	6-30-82	0.01						
BIG BLUE RIVER, NORTH BRANCH, TRIBUTARY TO, NEAR RISING CITY SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 32-15-2 E.													
11-23-81	0.02				11-24-81	0.00	6-29-82	0.00					
BIG BLUE RIVER, NORTH BRANCH, TRIBUTARY TO, NEAR GARRISON SW $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 35-15-2 E.													
11-23-81	1.56	6-29-82	4.30	11-24-81	0.00	6-29-81	10.4	10-22-82	0.47				
KEZAN CREEK NEAR GARRISON NE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 35-14-2 E.													
11-23-81	4.41	6-29-82	5.98	4-22-82	0.00								
BIG BLUE RIVER, NORTH BRANCH, NEAR ULYSSES SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 16-13-2 E.													
11-23-81	7.29				4-22-82	0.06							
					BIG BLUE RIVER NEAR STAPLEHURST SE $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 10-12-2 E.								
					BIG BLUE RIVER NEAR STAPLEHURST SW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 23-12-2 E.								
					LINCOLN CREEK AT AURORA SE $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 33-11-6 W.								
					LINCOLN CREEK NEAR YORK SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 19-11-2 W.								
					COON BRANCH NEAR YORK SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 7-11-2 W.								
					LINCOLN CREEK, TRIBUTARY TO, NEAR THAYER NW $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20-12-1 W.								
					LINCOLN CREEK NEAR GRESHAM SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 26-12-1 W.								
					WILDCAT CREEK NEAR UTICA SW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 29-12-1 E.								
					BRUSH CREEK NEAR STAPLEHURST NW $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 3-11-2 E.								

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			BIG WEEDY CREEK NEAR SEWARD NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3-11-3 E.						COON CREEK NEAR MILFORD NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-9-3 E.		
4-27-82	0.28					4-22-82	0.18				
			PLUM CREEK AT SEWARD NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-11-3 E.						BIG BLUE RIVER NEAR BLUE BLUFFS DAM NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-9-4 E.		
4-27-82	6.58	10-22-82	12.1			4-22-82	41.9	10-26-82	65.4		
			BIG BLUE RIVER, TRIBUTARY TO, NEAR SEWARD SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-11-3 E.						<u>WEST FORK OF THE BIG BLUE RIVER</u>		
4-27-82	0.08								BIG BLUE RIVER, WEST FORK, NEAR HASTINGS NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3-7-9 W.		
			CLARK CREEK NEAR SEWARD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-11-3 E.			11-25-81	4.66	6-24-82	4.05	10-27-82	1.98
4-27-82	0.17								BIG BLUE RIVER, WEST FORK, TRIBUTARY TO, NEAR TRUMBULL NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14-8-8 W.		
			SHADLEY VALE CREEK NEAR RUBY SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2-10-3 E.			11-25-81	0.00	6-7-82	0.00		
4-27-82	0.20								BIG BLUE RIVER, WEST FORK, TRIBUTARY TO, NEAR ELDORADO NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 4-8-6 W.		
			LONE TREE CREEK NEAR SEWARD SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-10-3 E.			11-25-81	0.00	6-7-82	0.00		
4-27-82	0.00								BIG BLUE RIVER, WEST FORK, NEAR STOCKHAM NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-9-6 W.		
			CRDOKED CREEK NEAR SEWARD NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 16-10-3 E.			11-24-81	3.21	6-9-82	2.71	10-26-82	3.66
4-27-82	0.33								BIG BLUE RIVER, WEST FORK, NORTH BRANCH, NEAR STOCKHAM NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 27-9-6 W.		
			BIG BLUE RIVER AT "O" STREET NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-10-3 E.			11-24-81	0.00	6-9-82	0.14	10-26-82	0.00
4-22-82	35.7	5-28-82	2200	10-26-82	81.3				BIG BLUE RIVER, WEST FORK, TRIBUTARY TO, NEAR STOCKHAM NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-9-5 W.		
			WOLF CREEK NEAR MILFORD NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-10-3 E.			11-24-81	0.00	6-9-82	0.00		
4-22-82	0.09								BIG BLUE RIVER, WEST FORK, TRIBUTARY TO, NEAR LUSHTON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26-9-4 W.		
						11-24-81	0.00	6-9-82	0.00		

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, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		SCHOOL CREEK, TRIBUTARY TO, NEAR HARVARD SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31-8-6 W.						BEAVER CREEK AT YORK SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-10-4 W.					
11-25-81	0.00	6-7-82	0.00			11-24-81	1.09	6-30-82	2.92	10-22-82	1.79		
		SCHOOL CREEK NEAR HARVARD NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 9-7-6 W.						BEAVER CREEK, TRIBUTARY TO, NEAR WACO NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29-10-1 W.					
11-25-81	0.00	6-7-82	0.02	10-26-82	0.00	11-24-81	0.00	6-9-82	0.00				
		SCHOOL CREEK, TRIBUTARY TO, NEAR SUTTON SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-8-5 W.						BEAVER CREEK NEAR BEAVER CROSSING NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-10-1 E.					
11-25-81	0.01	6-7-82	0.50			4-22-82	4.68	10-25-82	4.89				
		SCHOOL CREEK NEAR GRAFTON NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-8-4 W.						SLEEPY HOLLOW CREEK NEAR BEAVER CROSSING NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32-10-1 E.					
11-25-81	0.00	6-7-82	3.28	10-21-82	0.23	4-22-82	0.00						
		BIG BLUE RIVER, WEST FORK, TRIBUTARY TO, NEAR GRAFTON NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-8-3 W.						INDIAN CREEK NEAR BEAVER CROSSING SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-9-1 E.					
11-25-81	0.00	6-7-82	0.00			4-22-82	0.00						
		BIG BLUE RIVER, WEST FORK, NEAR McCOOL JUNCTION NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-9-3 W.						BIG BLUE RIVER, WEST FORK, TRIBUTARY TO, NEAR BEAVER CROSSING SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 2-9-1 E.					
11-24-81	3.98	6-9-82	31.1	10-21-82	10.5	4-22-82	0.04						
		BIG BLUE RIVER, WEST FORK, TRIBUTARY TO, NEAR McCOOL JUNCTION NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 24-9-3 W.						WALNUT CREEK NEAR BEAVER CROSSING NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-9-2 E.					
11-24-81	0.00	6-9-82	0.00	10-21-82	0.00	4-22-82	0.17	10-25-82	0.26				
		BEAVER CREEK NEAR AURORA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-10-6 W.						JOHNSON CREEK, TRIBUTARY TO, NEAR DORCHESTER NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2-8-2 E.					
11-24-81	0.00	6-9-82	0.02			4-20-82	0.00						
		BEAVER CREEK, TRIBUTARY TO, AT YORK SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-10-3 W.						JOHNSON CREEK NEAR DORCHESTER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-8-3 E.					
11-24-81	0.00	6-30-82	0.00			4-20-82	0.04	10-26-82	0.04				

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982							
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			SPRING CREEK NEAR WESTERN NE½SE¼ Sec. 3-5-2 E.								BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE NW½NE¼ Sec. 10-4-5 E.		
4-20-82	0.65					4-6-82	0.00						
			SWAN CREEK, NORTH FORK, NEAR SWANTON SW¼SE¼ Sec. 18-5-3 E.								SLAKE CREEK NEAR BEATRICE SE½NE¼ Sec. 2-4-5 E.		
10-25-82	3.79					4-6-82	0.00						
			SWAN CREEK, SOUTH FORK, NEAR SWANTON SE½NE¼ Sec. 30-5-3 E.								CUB CREEK NEAR BEATRICE SW½SW¼ Sec. 24-4-5 E.		
4-20-82	0.53					4-6-82	3.96						
			SWAN CREEK, TRIBUTARY TO, NEAR SWANTON NW½NW¼ Sec. 35-5-3 E.								BOTTLE CREEK NEAR BEATRICE NW½NW¼ Sec. 30-4-6 E.		
4-20-82	0.00					4-6-82	0.30						
			WALNUT GROVE CREEK NEAR SWANTON SW¼SW¼ Sec. 14-5-3 E.								BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE NW½NW¼ Sec. 32-4-6 E.		
4-20-82	0.00					4-6-82	0.13						
			PLUMMER BRANCH NEAR SWANTON NE½NW¼ Sec. 18-5-4 E.								INDIAN CREEK, TRIBUTARY TO, NEAR PICKRELL NE½NW¼ Sec. 10-5-6 E.		
4-20-82	0.00					4-1-82	0.31						
			SWAN CREEK NEAR DE WITT ³ NE½SW¼ Sec. 16-5-4 E.								POSSUM CREEK NEAR PICKRELL NE½NW¼ Sec. 27-5-6 E.		
4-20-82	9.20	10-25-82	11.20			4-1-82	0.05						
			TURKEY CREEK NEAR DE WITT NE½SW¼ Sec. 29-5-5 E.								TOWN CREEK NEAR PICKRELL SW¼SW¼ Sec. 26-5-6 E.		
4-6-82	27.8					4-1-82	0.54						
			SOAP CREEK NEAR DE WITT SW¼SE¼ Sec. 27-5-5 E.								INDIAN CREEK AT BEATRICE SW¼NW¼ Sec. 27-4-6 E.		
4-6-82	0.24					4-1-82	5.17						

BIG BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982				
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		BEAR CREEK, TRIBUTARY TO, NEAR BEATRICE NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 3-4-7 E.					BIG BLUE RIVER, TRIBUTARY TO, AT BLUE SPRINGS SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-2-7 E.		
4-6-82	0.06					3-26-82	0.18		
		BEAR CREEK NEAR BEATRICE NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-4-7 E.					BILLS CREEK NEAR BLUE SPRINGS SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-2-7 E.		
4-6-82	2.51					3-26-82	1.55		
		PIERCE CREEK NEAR BEATRICE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-4-7 E.					SPRING CREEK NEAR DILLER NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-2-5 E.		
4-6-82	1.17					3-25-82	1.25		
		BEAR CREEK NEAR BEATRICE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 1-3-6 E.					ELM CREEK NEAR ODELL NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-2-5 E.		
4-1-82	2.89	10-29-82	6.71			3-25-82	1.45		
		CEDAR CREEK NEAR BEATRICE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-3-7 E.					ASH CREEK NEAR ODELL NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 18-1-6 E.		
4-1-82	2.96	10-29-82	0.11			3-25-82	1.95		
		BIG BLUE RIVER, TRIBUTARY TO, NEAR BEATRICE SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 7-3-7 E.					SICILY CREEK NEAR ODELL SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-2-6 E.		
4-1-82	0.19					3-25-82	5.86	10-29-82	3.11
		BLOODY RUN NEAR HOLMESVILLE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-3-7 E.					SQUAW CREEK NEAR WYMORE NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 1-1-6 E.		
4-1-82	3.45					3-25-82	2.05		
		MUD CREEK NEAR BLUE SPRINGS SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-3-7 E.					BIG INDIAN CREEK NEAR WYMORE NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-2-7 E.		
4-1-82	10.2	10-29-82	2.54			3-26-82	33.4	10-29-82	5.14
		BIG BLUE RIVER, TRIBUTARY TO, NEAR BLUE SPRINGS SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9-2-7 E.					BIG BLUE RIVER, TRIBUTARY TO, NEAR WYMORE NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-2-7 E.		
4-1-82	0.16					3-26-82	0.05		

MEASUREMENT OF STREAMS--Continued
Year Ending December 31, 1982

Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		BIG BLUE RIVER, TRIBUTARY TO, NEAR WYMORE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 26-2-7 E.					
3-26-82	0.33						
		WILDCAT CREEK, TRIBUTARY TO, NEAR WYMORE NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-2-8 E.					
4-1-82	0.71						
		WILDCAT CREEK NEAR WYMORE SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 30-2-8 E.					
3-26-82	7.05	10-29-82	2.27				
		WOLF CREEK NEAR WYMORE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31-2-8 E.					
3-26-82	12.6	10-29-82	13.4				
		ARKEKETA CREEK NEAR BARNESTON NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 21-1-8 E.					
3-26-82	2.20						
		PLUM CREEK NEAR BARNESTON NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 19-1-8 E.					
3-26-82	39.0						
		MISSION CREEK NEAR BARNESTON SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-1-7 E.					
3-26-82	9.05	10-29-82	20.05				

LITTLE BLUE RIVER BASIN

MEASUREMENT OF STREAMS Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
<u>UPPER LITTLE BLUE</u>						<u>CROOKED CREEK NEAR PAULINE</u>					
SAND CREEK NEAR ROSELAND NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 19-5-11 W.						SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 13-5-9 W.					
11-25-81	0.00	6-17-82	3.61			11-25-81	0.00	6-17-82	0.74		
COTTONWOOD CREEK NEAR ROSELAND NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 10-5-11 W.						PAWNEE CREEK, TRIBUTARY TO, NEAR HASTINGS NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 35-6-9 W.					
11-25-81	0.00	6-17-82	2.31			11-25-81	0.00	6-24-82	0.09		
LITTLE BLUE RIVER NEAR ROSELAND NW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 11-5-11 W.						PAWNEE CREEK NEAR DEWEESE NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 16-5-8 W.					
10-27-82	0.00					11-25-81	0.20	6-7-82	1.54	10-26-82	0.11
FLAT CREEK NEAR ROSELAND SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 14-5-11 W.						LIBERTY CREEK NEAR LAWRENCE SE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 2-4-8 W.					
11-25-81	0.00	6-17-82	0.16			6-17-82	5.37	10-26-82	0.00		
DOVE CREEK NEAR AYR SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 17-5-10 W.						BUFFALO CREEK NEAR DEWEESE SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 1-4-7 W.					
11-25-81	0.00	6-17-82	0.00			6-17-82	0.01				
SCOTT CREEK NEAR AYR NW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 28-6-10 W.						WALNUT CREEK NEAR DEWEESE SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 12-4-7 W.					
11-25-81	0.08	6-24-82	1.83	10-27-82	0.11	6-17-82	1.03				
THIRTY-TWO MILE CREEK NEAR AYR NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 26-6-10 W.						OX BOW CREEK NEAR ANGUS NW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 34-4-6 W.					
11-25-81	0.84	6-24-82	15.4	10-27-82	0.02	6-17-82	0.64				
ASH CREEK NEAR PAULINE NW $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 9-5-9 W.						LITTLE BLUE RIVER NEAR ANGUS NE $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 31-1-6 W.					
11-25-81	0.00	6-23-82	6.71	10-26-82	0.20	7-13-82	148.0	10-26-82	59.0		
LITTLE BLUE RIVER AT PAULINE SW $\frac{1}{2}$ SE $\frac{1}{2}$ Sec. 4-5-9 W.						ELK CREEK NEAR OAK SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 7-3-5 W.					
10-27-82	23.8					6-17-82	7.09	10-26-82	1.73		

LITTLE BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982						MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982					
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
			OAK CREEK NEAR OAK SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-3-5 W.								SANDY CREEK, LITTLE, NEAR DAVENPORT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-4-4 W.
6-17-82	0.00					12-8-81	0.05	7-13-82	1.31		
			TURTLE CREEK NEAR OAK NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15-3-5 W.								DRY CREEK NEAR CARLETON NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 21-4-3 W.
6-17-82	0.00					12-8-81	0.00	7-13-82	10.6		
			THAMES CREEK NEAR OAK SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-3-5 W.								SANDY CREEK, BIG, NEAR BELVIDERE NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-3-2 W.
6-17-82	0.00					12-9-81	0.82	8-13-82	28.0		
			SPRING CREEK, TRIBUTARY TO, NEAR HEBRON NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 22-2-3 W.								SANDY CREEK, BIG, SOUTH FORK, NEAR BELVIDERE SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17-3-2 W.
12-8-81	0.52	7-13-82	0.25			12-9-81	0.27	8-13-82	3.24		
			SPRING CREEK NEAR HEBRON SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 12-2-3 W.								DRY SANDY CREEK NEAR STRANG SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33-5-2 W.
12-8-81	3.67	7-14-82	11.8			12-9-81	0.39	7-8-82	11.45	10-21-82	0.10
			DRY CREEK NEAR HEBRON NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 15-2-2 W.								DRY SANDY CREEK NEAR ALEXANDRIA NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-3-1 W.
12-8-81	0.39	7-13-82	0.78			12-9-81	0.88	7-13-82	21.5		
			BLUE RIVER, LITTLE, NEAR ALEXANDRIA SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19-3-1 E.								SANDY CREEK, BIG, NEAR ALEXANDRIA SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-3-1 W.
12-10-81	106.3	7-13-82	489.0			12-9-81	7.35				
			BLUE RIVER, LITTLE, TRIBUTARY TO, NEAR ALEXANDRIA NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-3-1 E.								SANDY CREEK, BIG, NEAR ALEXANDRIA SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-3-1 W.
12-10-81	0.00	7-8-82	0.00			12-9-81	22.1	7-13-82	58.5		
			BIG SANDY CREEK								SANDY CREEK, BIG, NEAR POWELL SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16-3-1 E.
			SANDY CREEK, BIG, NEAR DAVENPORT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-4-4 W.			12-10-81	28.8	7-8-82	304.43		
12-8-81	1.67	7-13-82	3.03								

LITTLE BLUE RIVER BASIN

MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982				MEASUREMENT OF STREAMS--Continued Year Ending December 31, 1982			
Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.	Date	Discharge sec.-ft.
		<u>LOWER LITTLE BLUE</u>				<u>ROSE CREEK NEAR REYNOLDS</u> NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-1-1 E.	
		SANDY CREEK, LITTLE, NEAR FAIRBURY NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19-3-2 E.		12-10-81	13.6	7-14-82	22.4
12-10-81	1.99	7-8-82	13.8			BUCKLEY CREEK NEAR REYNOLDS SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 11-1-1 E.	
		WHISKEY CREEK NEAR FAIRBURY NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4-2-2 E.		12-10-81	1.18	7-14-82	1.43
12-10-81	0.25	7-8-82	0.75			SILVER CREEK NEAR REYNOLDS SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 17-1-2 E.	
		BLUE RIVER, LITTLE, TRIBUTARY TO, NEAR FAIRBURY NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 22-2-2 E.		12-10-81	2.86	7-14-82	0.00
7-14-82	0.03					ROSE CREEK NEAR ENDICOTT NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-1-2 E.	
		BRAWNER CREEK NEAR FAIRBURY SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23-2-2 E.		7-14-82	33.2		
7-14-82	0.00					DRY CREEK NEAR FAIRBURY SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-1-2 E.	
		ROSE CREEK AT STATE LINE SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-1-2 W.		7-14-82	1.54		
12-8-81	0.99	7-14-82	5.05			SMITH CREEK NEAR ENDICOTT SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-1-3 E.	
		ROSE CREEK, TRIBUTARY TO, NEAR HUBBELL SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25-1-2 W.		7-14-82	0.19		
12-8-81	0.00	7-14-82	0.00			ROCK CREEK NEAR ENDICOTT NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-1-3 E.	
		SPRING BRANCH NEAR HUBBELL NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-1-1 W.		7-14-82	1.34		
12-8-81	3.30	7-14-82	2.77			COON CREEK NEAR ENDICOTT SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-1-3 E.	
		BALLS BRANCH NEAR REYNOLDS NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 12-1-1 W.		7-14-82	0.03		
12-8-81	1.67	7-14-82	1.92				
		WILEY CREEK NEAR REYNOLDS SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 22-1-1 E.					
12-10-81	1.81	7-14-82	0.26				

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 Combined Nebraska Department of Water Resources and Lower Loup Natural Resources District measurement site.

MISCELLANEOUS DISCHARGE MEASUREMENTS OF
CANAL AND PUMP DIVERSIONS 1982

This page intentionally left blank

CHEYENNE RIVER BASIN

(HAT CREEK)

MEASUREMENT OF CANALS AND PUMPS
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		HAT CREEK CANAL, WEST--D-553a & b From Hat Creek--Sec. 16-32-55 W.					
3-23-82	1.02	5-10-82	0.00				
		SOW BELLY CANAL, OLD--D-533 From Sow Belly Creek--Sec. 7-32-55 W.					
5-10-82	0.00						
		ANDREWS SUPPLY CANAL--A-2530 From Sow Belly Creek--Sec. 5-32-55 W.					
2-10-82	2.09	3-1-82	0.00	5-10-82	0.00	11-16-82	0.00
		ZIMMERMAN CANAL--A-532, A-4790 From Sow Belly Creek--Sec. 34-33-55 W.					
2-19-82	0.79	3-1-82	1.35	5-10-82	0.00		
		MONTGOMER CANAL--D-559 From Sow Belly Creek--Sec. 21-33-55 W.					
5-10-82	0.00						
		COFFEE FLOOD CANAL--A-1236 From Hat Creek--Sec. 14-33-55 W.					
5-10-82	0.00						
		MONROE CANAL--D-506 From Monroe Creek--Sec. 33-33-56 W.					
5-10-82	0.00						

WHITE RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
WHITNEY PIPE LINE--A-1603, A-1625 From White River--Sec. 26-32-52 W.							
2-23-82	28.1	6-7-82	0.00	11-17-82	24.4		
HALL CANAL and PUMP--D-478c, D-478cR From White River--Sec. 26-32-52 W.							
3-17-82	2.24	4-10-82	3.62				
STUART BROTHERS CANAL, SOUTH--D-425R, A-8R From Little Cottonwood Creek--Sec. 18-32-52 W.							
3-17-82	1.48						
SCHOMMER PUMP--A-4983 From White River--Sec. 24-34-49 W.							
10-6-81	2.4						

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

MEASUREMENT OF CANALS AND PUMPS
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
BARTOS PUMP--A-14822							
From North Branch of Verdigre Creek--NW1/4 Sec. 25-31-8 W.							
8-6-82	1.69						

NORTH PLATTE RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		KILPATRICK RESERVOIR STORAGE--A-1104 From Snake Creek--Sec. 1-24-52 W.					
4-21-82	681			NORTHPORT PUMP From Upper Dugout Creek--Sec. 9-20-50 W.			
7-28-82	2.66			BUCHANAN PUMP--A-11676 From Cedar Creek--Sec. 23-18-48 W.			
8-27-82	1.68			HANNAH CANAL--D-886 From North Platte River--Sec. 24-18-47 W.			
5-25-82	0.00			BARBER CANAL--D-754, A-1111 From Clear Creek--Sec. 29-16-41 W.			
7-29-82	4.06						

SOUTH PLATTE RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS Year Ending December 31, 1982						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982					
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			PLATT PUMP--A-12931 From Lodgepole Creek--Sec. 31-15-57 W.						MISEGADIS PUMP--A-9073 From Lodgepole Creek--Sec. 36-14-48 W.		
5-4-82	0.00	6-17-82	0.00			6-8-82	0.00				
			FERGUSON PUMP--D-345R, D-348R From Lodgepole Creek--Sec. 34-15-56 W.						KRUEGER CANAL NO. 2--D-324 From Lodgepole Creek--Sec. 32-14-48 W.		
6-17-82	0.00	7-8-82	0.00			6-8-82	0.00				
			HURLEY-LILLY-POLLY CANAL--D-354 From Lodgepole Creek--Sec. 26-15-56 W.						KRUEGER CANAL NO. 3--D-323 From Lodgepole Creek--Sec. 32-14-48 W.		
5-4-82	0.00	5-21-82	2.04	6-17-82	0.00	7-8-82	0.0	6-8-82	0.00		
			BICKEL-FADEN CANAL--D-347, A-719 From Lodgepole Creek--Sec. 30-15-55 W.						KRUEGER CANAL NO. 1--D-968 From Lodgepole Creek--Sec. 29-14-48 W.		
5-21-82	0.00							6-8-82	0.00		
			ATKINS-POLLY CANAL--D-342, D-344, A-897R From Lodgepole Creek--Sec. 30-15-55 W.						BOOTH CANAL, NORTH--D-309, D-310 From Lodgepole Creek--Sec. 29-14-47 W.		
5-4-82	3.61	5-21-82	0.00					6-8-82	0.00		
			BENNETT CANAL--A-691 From Lodgepole Creek--Sec. 22-15-55 W.						BARSTOW PUMP--A-3825 From Lodgepole Creek--Sec. 28-14-47 W.		
5-21-82	0.00							6-8-82	0.00		
			OWASCO CANAL--D-347, A-725 From Lodgepole Creek--Sec. 29-15-55 W.						TOBIN CANAL--D-330 From Lodgepole Creek--Sec. 28-14-47 W.		
5-4-82	0.00	5-21-82	1.26	6-17-82	0.00			6-8-82	0.00		
			McINTOSH CANAL--D-351, A-734 From Lodgepole Creek--Sec. 23-15-55 W.						TOBIN PUMP (SHARMAN #1)--D-330R From Lodgepole Creek--Sec. 28-14-47 W.		
5-21-82	0.00							6-8-82	0.00		
			BORDWELL CANAL, NORTH--D-303 From Lodgepole Creek--Sec. 35-14-49 W.						TOBIN PUMP (SHARMAN #2)--D-330R From Lodgepole Creek--Sec. 28-14-47 W.		
6-8-82	0.00							6-8-82	0.00		

SOUTH PLATTE RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			DICKENSON CANAL, EAST--D-969 From Lodgepole Creek--Sec. 26-14-47 W.				
6-8-82	0.00						
			LIBBY CANAL--D-312 From Lodgepole Creek--Sec. 36-14-47 W.				
6-8-82	0.00						
			OBERFELDER CANAL--D-306, D-333 From Lodgepole Creek--Sec. 31-14-46 W.				
6-8-82	0.00						
			PERSINGER CANAL--D-297 From Lodgepole Creek--Sec. 33-14-46 W.				
6-8-82	0.00						
			BULLOCK CANAL--A-437 From Lodgepole Creek--Sec. 4-13-46 W.				
6-8-82	0.00						
			SODERQUIST CANAL NO. 1--A-1420 From Lodgepole Creek--Sec. 36-12-45 W.				
6-8-82	0.00						
			NEUMAN CANAL AND PUMP--A-611, A-611R, A-1445 From Lodgepole Creek--Sec. 25-13-45 W.				
6-8-82	0.00						
			SODERQUIST CANAL PUMP--A-1237R From Lodgepole Creek--Sec. 2-12-45 W.				
6-8-82	0.00						
			NASLUND CANAL--A-661 From Lodgepole Creek--Sec. 1-12-45 W.				
6-8-82	0.00						

PLATTE RIVER BASIN

(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS Year Ending December 31, 1982						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982					
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
<u>MIDDLE LOUP RIVER TO CONFLUENCE WITH SOUTH LOUP RIVER</u>											
			SEXTON PUMP--A-11919 From Middle Loup River--Sec. 11-24-31 W.			7-20-82	0.8				PRITSCHAU PUMP--A-15737 From Middle Loup River--Sec. 26-13-13 W.
7-12-82	1.1										PEDERSON PUMP--A-15246 From Middle Loup River--Sec. 28-13-12 W.
			MATHEW PUMP--A-4820 From Middle Loup River--Sec. 18-24-31 W.			7-30-82	3.7				
7-12-82	0.8										<u>SOUTH LOUP RIVER ABOVE MUD CREEK</u>
			VICTORIA CANAL #1--D-210, D-212 From Victoria Creek--Sec. 1-19-21 W.			7-7-82	0.7				CHESLEY PUMP--A-2037 From South Loup River--Sec. 9-16-24 W.
7-23-82	1.6										
			VICTORIA CANAL #2--D-213 From Victoria Creek--Sec. 1-19-21 W.			7-16-82	0.9				PAULSON FARMS PUMP--A-4618 From South Loup River--Sec. 24-15-22 W.
7-23-82	0.9										
			L. BRASS PUMP--A-5007 From Middle Loup River--Sec. 7-19-18 W.			7-16-82	0.6				ASH CREEK RANCH PUMP--A-2271 From Ash Creek--Sec. 7-14-20 W.
7-23-82	1.1										
			HUNKINS PUMP--A-3806 From Middle Loup River--Sec. 23-18-17 W.			7-16-82	1.5				ASH CREEK RANCH PUMP--A-8589 From South Loup River--Sec. 7-14-20 W.
7-23-82	1.2										
			HICKMAN PUMP--A-3806 From Middle Loup River--Sec. 26-18-17 W.			7-16-82	1.1				MYERS PUMP--A-14918 From South Loup River--Sec. 21-14-20 W.
7-23-82	1.3										
			HICKMAN PUMP--A-2678R, 39818R From Middle Loup River--Sec. 26-18-17 W.			7-16-82	0.7				THOMAS PUMP--A-5338 From South Loup River--Sec. 34-14-20 W.
7-23-82	2.1										
			BALS PUMP--A-3368, 6875 From Middle Loup River--Sec. 16-14-14 W.			7-16-82	1.7				POPP, P. PUMP--A-3881 From Deer Creek--Sec. 8-13-19 W.
7-29-82	1.4										

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982					
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		DAUGHERTY AND SHOEMAKER PUMP--A-13105 From South Loup River--Sec. 30-13-18 W.						CLINCER PUMP--A-10635 From Mud (Beaver) Creek--Sec. 14-15-18 W.			
7-16-82	0.8	7-16-82	0.6			7-15-82	2.0				
		ECKHOUT, J. A. PUMP--A-13404 From South Loup River--Sec. 7-12-17 W.						JONES PUMP--A-4986 From Mud (Beaver) Creek--Sec. 30-15-17 W.			
7-17-82	1.3					7-15-82	1.5				
		CARMAN PUMP--A-6359, 9120 From South Loup River--Sec. 17-12-17 W.						WALKER PUMP--A-2051 From Mud (Beaver) Creek--Sec. 31-15-17 W.			
7-17-82	1.6					7-22-82	2.7				
		RIESSLAND PUMP--A-7788 From South Loup River--Sec. 27-12-17 W.						CHAMBERLIN, A. PUMP--A-13657 From Mud (Beaver) Creek--Sec. 32-15-17 W.			
7-17-82	1.7					8-6-82	1.4				
		RASMUSSEN, A. PUMP--A-10399 From South Loup River--Sec. 36-12-16 W.						CHAMBERLIN, W. PUMP--A-3200 From Mud (Beaver) Creek--Sec. 32-15-17 W.			
7-12-82	1.1					8-6-82	0.7				
		<u>MUD CREEK</u>						WAGNER PUMP--A-3912, 13352 From Mud (Beaver) Creek--Sec. 34-15-17 W.			
		GOLDEN PUMP--A-7442 From Mud (Beaver) Creek--Sec. 18-16-19 W.						7-15-82	1.2		
7-22-82	0.9							FRANSSEN PUMP--A-1848 From Mud (Beaver) Creek--Sec. 13-14-17 W.			
		PETRIK PUMP--A-15294 From Mud (Beaver) Creek--Sec. 16-15-18 W.						8-3-82	1.4		
7-22-82	0.9							HIRD PUMP--A-8892 From Mud (Beaver) Creek--Sec. 13-14-17 W.			
		LOUITT, L. PUMP--A-9825 From Mud (Beaver) Creek--Sec. 15-15-18 W.						8-6-82	1.1		
7-28-82	1.6							FRANSSEN PUMP--A-13722 From Mud (Beaver) Creek--Sec. 18-14-16 W.			
						7-16-82	1.2				

PLATTE RIVER BASIN

(CLOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982						
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	
			FELDMAN PUMP--A-4442 From Mud (Beaver) Creek--Sec. 20-14-16 W.								CRIFFIELD PUMP--A-10224 From Mud (Beaver) Creek--Sec. 12-13-16 W.	
7-27-82	0.9					7-23-82	1.3					
			LEWIS PUMP--A-10226 From Mud (Beaver) Creek--Sec. 29-14-16 W.								LAMMERS PUMP--A-12210 From Mud (Beaver) Creek--Sec. 29-13-15 W.	
8-4-82	1.3					8-6-82	0.8					
			KIEBORZ PUMP--A-10515 From Mud (Beaver) Creek--Sec. 29-14-16 W.								RASMUSSEN PUMP--A-10827 From Mud (Beaver) Creek--Sec. 29-13-15 W.	
7-22-82	0.9					7-23-82	1.1					
			MADSEN PUMP--A-3115 From Mud (Beaver) Creek--Sec. 28-14-16 W.								CHURCH PUMP--A-8388 From Mud (Beaver) Creek--Sec. 34-13-15 W.	
7-16-82	1.0					7-27-82	0.8					
			MADSEN PUMP--A-7307 From Mud (Beaver) Creek--Sec. 34-14-16 W.								FISHER PUMP--A-3128 From Mud (Beaver) Creek--Sec. 34-13-15 W.	
7-23-82	0.5					8-4-82	1.2				8-5-82	1.0
			MADSEN PUMP--A-2391 From Mud (Beaver) Creek--Sec. 33-14-16 W.									ASHER PUMP--A-9931 From Mud (Beaver) Creek--Sec. 34-13-15 W.
7-27-82	0.4					7-16-82	2.0				8-3-82	0.5
			CORNFORD PUMP--A-15465 From Mud (Beaver) Creek--Sec. 27-14-16 W.									FAYE PUMP--A-3696 From Mud (Beaver) Creek--Sec. 2-12-15 W.
7-27-82	0.7					8-3-82	0.8				8-9-82	1.1
			REYNOLDS PUMP--A-15080 From Mud (Beaver) Creek--Sec. 34-14-16 W.									BROWN PUMP--A-1871 From Mud (Beaver) Creek--Sec. 1-12-15 W.
7-23-82	1.1					8-6-82	0.9					
			KOHL'S PUMP--A-3625 From Mud (Beaver) Creek--Sec. 1-13-16 W.									YANDA PUMP--A-3205 From Mud (Beaver) Creek--Sec. 7-12-14 W.
8-3-82	0.7					7-16-82	1.4					

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982					
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
<u>SOUTH LOUP RIVER BELOW MUD CREEK</u>											
			FARRIS PUMP--A-10417 From South Loup River--Sec. 10-12-14 W.			7-20-82	1.0		NOVAKOWSKI PUMP--A-10848, 11055 From Oak Creek--Sec. 30-14-11 W.		
7-13-82	1.7										
			ARROW C RANCH PUMP--A-8390 From South Loup River--Sec. 1-12-14 W.			7-29-82	2.5		KROGH PUMP--A-2126, 2976, 4487 11012, 14444, 14445 From Oak Creek--Sec. 30-14-11 W.		
7-17-82	1.5										
			QUEST PUMP--A-2143R From South Loup River--Sec. 33-13-12 W.			7-20-82	0.5		PETERSON PUMP--A-15418 From Oak Creek--Sec. 31-14-11 W.		
7-13-82	1.0										
<u>MIDDLE LOUP RIVER, SOUTH LOUP RIVER TO NORTH LOUP RIVER</u>											
			NELSON PUMP--A-8730 From Middle Loup River--Sec. 29-13-11 W.			7-29-82	0.7		CHRISTENSEN PUMP--A-9622 From Oak Creek--Sec. 10-13-11 W.		
7-20-82	0.6										
			KASCON PUMP--A-12373 From Oak Creek--Sec. 16-15-13 W.			7-30-82	1.7		SHAUGHNESSY PUMP--A-15612 From Turkey Creek--Sec. 11-14-12 W.		
7-29-82	0.3										
			STANCZYK PUMP--A-13034 From Oak Creek--Sec. 15-15-13 W.			7-30-82	0.4		BOYSEN PUMP--A-13651 From Turkey Creek--Sec. 17-14-11 W.		
7-29-82	1.7										
			BADURA PUMP--A-15793 From Oak Creek--Sec. 35-15-13 W.			7-20-82	1.5		LEWANDOWSKI PUMP--A-14632 From Turkey Creek--Sec. 28-14-11 W.		
7-29-82	0.5										
			KAISER PUMP--A-11407 From Oak Creek--Sec. 15-14-12 W.			7-20-82	1.2		K. I. L. FARM PUMP--A-13823 From Turkey Creek--Sec. 20-14-10 W.		
7-29-82	1.3										
						7-20-82	1.7		WILSON PUMP--A-15441 From Middle Loup River--Sec. 35-15-10 W.		

PLATTE RIVER BASIN

(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982					
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			MADDOX PUMP--A-4498, 14230 From Middle Loup River--Sec. 24-15-10 W.						PENAS PUMP--A-3783 From North Loup River--Sec. 19-21-16 W.		
7-20-82	1.8					7-29-82	1.3				
			<u>NORTH LOUP RIVER</u>						DIL SAVER PUMP--A-15312 From Calamus River--Sec. 34-25-20 W.		
			FERGUSON PUMP--A-2635 From North Loup River--Sec. 36-23-21 W.			7-13-82	0.9				
7-29-82	3.0								BUREAU OF RECLAMATION PUMP (SCHROP)--A-13750 From Calamus River--Sec. 32-23-17 W.		
			VAN DIEST PUMP--A-2263R From North Loup River--Sec. 32-23-20 W.			7-13-82	1.0				
7-12-82	1.0								BUREAU OF RECLAMATION PUMP (SCHERZBERG)--A-11374 From Calamus River--Sec. 9-22-17 W.		
			HYDE PUMP--A-7603 From North Loup River--Sec. 10-22-20 W.			7-21-82	1.0				
7-7-82	2.2								KRUSCHWITZ PUMP--A-10811 From Calamus River--Sec. 9-21-16 W.		
			ANDERSON PUMP--A-2263a From North Loup River--Sec. 24-22-20 W.			8-10-82	1.5				
7-29-82	0.7								GOEHRING PUMP--A-2427 From North Loup River--Sec. 11-21-16 W.		
			WAKE PUMP--A-2467R From North Loup River--Sec. 26-21-18 W.			7-29-82	0.6				
7-7-82	3.5	7-22-82	2.0						WILSON, O. PUMP--A-12349 From Tributary to North Loup River--Sec. 19-21-15 W.		
			WAKE PUMP--A-11633 From North Loup River--Sec. 29-21-17 W.			7-29-82	0.6				
7-12-82	1.0								CITY OF ORD PUMP--A-11706 From Taylor-Ord Canal--Sec. 13-21-19 W.		
			ZIEGLER PUMP--A-2091 From North Loup River--Sec. 28-21-17 W.			9-8-82	0.8				
7-7-82	1.1								OSENTOWSKI PUMP--A-10222, 11470 From North Loup River--Sec. 36-19-13 W.		
			BALLAGH PUMP--A-15685 From North Loup River--Sec. 19-21-16 W.			7-28-82	1.7				
7-29-82	1.2										

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982				MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982			
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			KORES PUMP--A-9423 From North Loup River--Sec. 12-18-13 W.				HANSON PUMP--A-3032, 10897, 12753 From North Loup River--Sec. 22-17-12 W.
7-28-82	1.8			7-27-82	2.1		
			BREMER PUMP--A-15927 From North Loup River--Sec. 13-18-13 W.				HOLT PUMP--A-11094 From North Loup River--Sec. 27-17-12 W.
7-21-82	0.8			8-9-82	1.5		
			COOK, W. H. PUMP--A-10867 From North Loup River--Sec. 24-18-13 W.				DAVIS CREEK L & C CO. PUMP--A-15159 From Davis Creek--Sec. 34-17-12 W.
7-19-82	1.1			7-28-82	1.0	8-9-82	0.6
			SCHUDEL PUMP--A-14539 From North Loup River--Sec. 24-18-13 W.				JACOBSEN PUMP--A-7310, 14639 From North Loup River--Sec. 35-17-12 W.
7-27-82	1.3			8-2-82	6.0		
			SCHUDEL PUMP--A-7301 From Kellogg Creek--Sec. 30-18-12 W.				KEEP PUMP--A-13828 From North Loup River--Sec. 1-16-12 W.
7-21-82	0.8			8-2-82	1.4		
			SCHUDEL PUMP--A-7248 From Mira Creek--Sec. 31-18-12 W.				BARNES PUMP--A-6584, 6585 From Fish Creek and North Loup River--Sec. 7-16-11 W.
7-21-82	1.6			7-20-82	1.7		
			ROY PUMP--A-10354 From North Loup River--Sec. 32-18-12 W.				ENDER PUMP--A-13200 From North Loup River--Sec. 18-16-11 W.
7-27-82	0.4			7-26-82	2.9		
			POSS, W. PUMP--A-9957 From North Loup River--Sec. 9-17-12 W.				WELLS, L. PUMP--A-4061 From North Loup River--Sec. 20-16-11 W.
7-27-82	0.4			7-20-82	1.6		
			GOLDFISH PUMP--A-3770 From Wallace Creek--Sec. 16-17-12 W.				WELLS, H. PUMP--A-5451 From North Loup River--Sec. 20-16-11 W.
8-2-82	1.3			7-19-82	1.6		

PLATTE RIVER BASIN

(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			LASSEN PUMP--A-15501 From Munson Creek--Sec. 1-15-12 W.		
7-26-82	0.9				
			LASSEN PUMP--A-15802 From Munson Creek--Sec. 1-15-12 W.		
7-26-82	1.1				
			BURMOOD PUMP--A-14238 From Munson Creek--Sec. 5-15-11 W.		
7-26-82	0.8				
			WILSON PUMP--A-14224, 14225 From Munson Creek--Sec. 33-16-11 W.		
7-26-82	1.3				
			AUGUSTYN PUMP--A-7426 From North Loup River--Sec. 34-16-11 W.		
7-20-82	1.5				
			NOVOTNY PUMP--A-5476, 6396 From North Loup River--Sec. 34-16-11 W.		
7-20-82	1.6				
			SPILNEK, R. PUMP--A-15426 From Auger Creek--Sec. 8-15-11 W.		
7-27-82	0.8				
			NOWAK PUMP--A-9956 From North Loup River--Sec. 3-15-11 W.		
7-26-82	1.1				
			SPILNEK PUMP--A-7902 From North Loup River--Sec. 13-15-11 W.		
8-9-82	1.5				

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			POSS, D. PUMP--A-10135, 15798 From North Loup River--Sec. 18-15-10 W.		
7-20-82	1.2				
			ANDERSON PUMP--A-3584, 6277 From North Loup River--Sec. 17-15-10 W.		
7-26-82	0.8				
			SCHMIDT PUMP--A-15922 From Tributary to North Loup River--Sec. 24-15-11 W.		
8-9-82	0.9				
			HERBIG PUMP--A-8917 From North Loup River--Sec. 17-15-10 W.		
8-2-82	1.9				
			PAYNE PUMP--A-10755 From North Loup River--Sec. 16-15-10 W.		
7-19-82	1.1				
			WELLS, C. PUMP--A-4279 From North Loup River--Sec. 16-15-10 W.		
8-2-82	1.3				
			PAYNE PUMP--A-2178, 2808 From North Loup River--Sec. 16-15-20		
7-19-82	2.1				
			PAYNE PUMP--A-2178R, 6978 From North Loup River--Sec. 15-15-10 W.		
7-19-82	1.3				
			ARTERBURN PUMP--A-4628 From North Loup River--Sec. 15-15-10 W.		
7-19-82	5.4	7-26-82	4.5		

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982					MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982				
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			JACOBSEN PUMP--A-5198, 6280, 10800 From North Loup River--Sec. 23-15-10 W.						WAGNER PUMP--A-9609 From Loup River--Sec. 16-15-9 W.
7-19-82	2.4					7-23-82	1.3		
			WUNDERLICH PUMP--A-8309 From North Loup River--Sec. 13-15-10 W.						CORDING CATTLE COMPANY PUMP--A-12659 From Loup River--Sec. 12-15-9 W.
7-19-82	0.9					7-22-82	0.9		
			GLASS PUMP--A-10809 From North Loup River--Sec. 13-15-10 W.						CORDING PUMP--A-5790 From Loup River--Sec. 11-15-9 W.
7-26-82	2.0					7-22-82	1.5		
			<u>LOWER LOUP RIVER ABOVE THE CEDAR RIVER</u>						PAULSEN PUMP--A-3440 From Loup River--Sec. 12-15-9 W.
			BRUCE PUMP--A-11869 From Loup River--Sec. 7-15-9 W.						
7-23-82	1.6					7-22-82	0.9		SCHUBERT PUMP--A-3543, 5335 From Loup River--Sec. 7-15-8 W.
			ANDERSON PUMP--A-5661 From Spring Creek--Sec. 19-16-9 W.						
7-22-82	0.7					7-22-82	1.8		
			ANDERSON PUMP--A-3702 From Spring Creek--Sec. 30-16-9 W.						RUSSELL, A. PUMP--A-12114 From Loup River--Sec. 8-15-8 W.
7-22-82	1.4					7-29-82	2.8		
			BYERLY PUMP--A-8455 From Spring Creek--Sec. 32-16-9 W.						TIBBETTS, K. A. PUMP--A-5623 From Loup River--Sec. 16-15-8 W.
7-22-82	1.0					7-29-82	2.3		
			ANDERSON, JR. PUMP--A-11617 From Spring Creek--Sec. 8-15-9 W.						KILDAY, INC. PUMP--A-10239, 13752 From Loup River--Sec. 12-15-8 W.
7-22-82	2.2					7-23-82	4.3		
			WERNER PUMP--A-15151 From Loup River--Sec. 9-15-9 W.						TIBBETTS PUMP--A-13591 From Loup River--Sec. 7-15-7 W.
7-22-82	1.7					7-29-82	1.3		

PLATTE RIVER BASIN

(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
7-26-82	2.4		SANTIN, H. PUMP--A-10854, 10855 From Loup River--Sec. 8-15-7 W.				
7-26-82	1.6		RUSSELL, E. PUMP--A-13955 From Loup River--Sec. 8-15-7 W.				
7-29-82	1.5		BROWN, J. PUMP--A-10316 From Loup River--Sec. 3-15-7 W.				
7-26-82	2.2		FORBES, N. PUMP--A-11443 From Loup River--Sec. 36-16-7 W.				
7-26-82	2.6		WHITNEY PUMP AND LESIAK PUMP--A-5849, 8492, 12994 From Loup River--Sec. 1-15-7 W.				
7-26-82	2.1		ZUROSKE PUMP--A-10759 From Loup River--Sec. 31-16-6 W.				
7-26-82	1.8		RUSSELL, R. PUMP--A-6997 From Loup River--Sec. 22-16-6 W.				
			<u>CEDAR RIVER</u>				
7-19-82	1.0		GLASER BROTHERS PUMP--A-11954 From Cedar River--Sec. 11-20-11 W.				
7-27-82	0.6		McGOWEN PUMP--A-11587 From Cedar River--Sec. 24-20-10 W.				

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
7-27-82	0.8		LANCER PUMP--A-11278 From Cedar River--Sec. 2-19-9 W.				
7-27-82	6.9		DOBSON PUMP--A-3752 From Cedar River--Sec. 23-19-8 W.				
7-27-82	6.9		DOBSON PUMP--A-2702 From Cedar River--Sec. 25-19-8 W.				
7-29-82	4.5			7-29-82	4.5		
7-29-82	1.8		MAHONEY, J. E. PUMP--A-10052 From Cedar River--Sec. 30-19-7 W.				
7-27-82	1.5		BRAUN PUMP--A-2993 From Cedar River--Sec. 5-18-7 W.				
7-28-82	1.2		DAVIS PUMP--A-6527, 6941 From Cedar River--Sec. 9-18-7 W.				
8-6-82	2.0		CHANNER, W. PUMP--A-4155 From Cedar River--Sec. 26-18-7 W.				
7-29-82	1.7		SCOTT PUMP--A-3682, 4058 From Cedar River--Sec. 35-18-7 W.				
7-21-82	1.6		CROUSE PUMP--A-8681, 8682, 11743 From Cedar River--Sec. 30-17-6 W.				

PLATTE RIVER BASIN
(LOUP RIVER)

MEASUREMENT OF CANALS AND PUMPS--Continued
Year Ending December 31, 1982

Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		DOUTHIT PUMP--A-15005, 8729 From Cedar River--Sec. 33-17-6 W.					
7-20-82	1.5						
		DOUTHIT PUMP--A-15004 From Cedar River--Sec. 4-16-6 W.					
7-21-82	2.9						
		WHITED PUMP--A-11816 From Cedar River--Sec. 2-16-6 W.					
7-21-82	2.3						

REPUBLICAN RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS Year Ending December 31, 1982						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982					
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
<u>UPPER REPUBLICAN RIVER</u>						<u>KINSEY PUMP--A-4365</u>					
CREWS CANAL--D-1025R From Republican River--Sec. 21-1-41 W.						From Turkey Creek--Sec. 20-2-16 W.					
7-29-82	2.93					8-11-82	0.80	8-17-82	0.50		
CREWS CANAL NO. 2--A-1709 From Republican River--Sec. 21-1-41 W.						BAUERLE CANAL (HARING PUMP)--A-4815 From Turkey Creek--Sec. 29-2-16 W.					
7-29-82	1.68					8-17-82	0.95				
ALLEN-LARNED CANAL--D-117 From Buffalo Creek--Sec. 18-1-40 W.						BAUERLE CANAL (HARING PUMP)--A-6915 From Turkey Creek--Sec. 29-2-16 W.					
8-10-82	5.71					8-3-82	1.00				
HORSE CREEK CANAL--D-159, D-173 From Horse Creek--Sec. 23-1-39 W.						DIERKING PUMP--A-13355 From Turkey Creek--Sec. 29-2-16 W.					
7-28-82	0.84					8-11-82	0.90	8-17-82	1.30		
PARKS CANAL--A-1202, A-1444, A-1555 From Republican River--Sec. 20-1-39 W.						JOHNSON PUMP--A-10960 From Turkey Creek--Sec. 32-2-16 W.					
5-26-82	10.4	8-11-82	11.3	9-17-82	7.26	7-26-82	1.00				
REISHER CANAL--A-3221 From Republican River--Sec. 30-1-38 W.						BRADLEY PUMP--A-3216 From Turkey Creek--Sec. 4-1-16 W.					
7-29-82	2.43					8-4-82	0.90				
<u>LOWER REPUBLICAN RIVER</u>						BRADLEY PUMP--A-4475 From Turkey Creek--Sec. 4-1-16 W.					
HAWLEY PUMP--A-13587 From Eureka Creek--Sec. 1-1-17 W.						BRADLEY PUMP--A-14166 From Turkey Creek--Sec. 4-1-16 W.					
7-26-82	0.87	8-11-82	0.80			7-26-82	0.78				
BUSY B RANCH PUMP--A-13914 From Turkey Creek--Sec. 6-4-19 W.						LIESINGER PUMP--A-14734 From Republican River--Sec. 8-1-16 W.					
8-13-82	1.67	8-18-82	1.67			8-3-82	1.20	8-10-82	1.00		

REPUBLICAN RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982					MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982				
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
		HUMPERT FARMS PUMP--A-9507 From Republican River--Sec. 16-1-16 W.					KAHRS PUMP--A-13529 From Tributary to Republican River--Sec. 4-1-15 W.		
8-11-82	0.90	8-18-82	1.15			8-4-82	0.80	8-11-82	0.90
		HUMPERT FARMS PUMP--A-4250 From Republican River--Sec. 16-1-16 W.					SCHEPLER PUMP--A-14621 From Center Creek--Sec. 32-4-16 W.		
8-11-82	2.00	8-18-82	1.90			7-28-82	1.1		
		HUMPERT FARMS PUMP--A-15745 From Republican River--Sec. 16-1-16 W.					ROBINSON PUMP--A-13585 From Center Creek--Sec. 22-2-15 W.		
8-18-82	2.60					8-19-82	1.00		
		SINDT PUMP--A-12803 From Republican River--Sec. 15-1-16 W.					VERSAM PUMP--A-6175 From Center Creek--Sec. 26-2-15 W.		
8-3-82	1.60	8-17-82	1.20			8-4-82	2.00		
		HOWELL PUMP--A-3134 From Republican River--Sec. 10-1-16 W.					KLEEN PUMP--A-15889 From Walnut Run--Sec. 32-2-14 W.		
8-10-82	1.20	8-17-82	1.20			8-18-82	1.00		
		KENNEDY PUMP--A-12485 From Republican River--Sec. 12-1-16 W.					PATTON PUMP--A-11280 From Republican River--Sec. 4-1-14 W.		
8-3-82	2.10	8-10-82	1.60			8-11-82	1.50	8-18-82	1.75
		BONHAM PUMP--A-15556 From Republican River--Sec. 12-1-16 W.					SINDT PUMP--A-15447 From Republican River--Sec. 2-1-14 W.		
8-4-82	1.70	8-10-82	1.90	8-18-82	1.30	8-10-82	1.00		
		DUNN, DUNN AND BEAN PUMP--A-3079 From Republican River--Sec. 1-1-16 W.					SINDT PUMP--A-9744 From Republican River--Sec. 1-1-14 W.		
8-10-82	2.60					8-3-82	1.00		
		KAHRS FARMS PUMP--A-5626 From Republican River--Sec. 2-1-15 W.					SINDT PUMP--A-10631 From Republican River--Sec. 6-1-13 W.		
8-4-82	2.10	8-11-82	1.70	8-18-82	1.40	8-3-82	2.51	8-10-82	2.40

REPUBLICAN RIVER BASIN

MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982						MEASUREMENT OF CANALS AND PUMPS--Continued Year Ending December 31, 1982							
Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.	Date	Diversion sec.-ft.
			ZIEGLER PUMP--A-8728 From Republican River--Sec. 5-1-13 W.						LEWIS PUMP--A-3248 From Republican River--Sec. 9-1-11 W.				
8-11-82	1.60					7-30-82	2.90	8-9-82	3.50	8-16-82	1.80		
			ADAM PUMP--A-14697 From Tributary to West Branch, Thompson Creek--Sec. 15-3-15 W.						AUBUSHON PUMP--A-12450 From Republican River--Sec. 10-1-11 W.				
7-28-82	1.30					7-30-82	0.80						
			KUGLER PUMP--A-15180 From Thompson Creek--Sec. 15-2-13 W.						BOWEN BROTHERS PUMP (BRUMBAUGH)--A-5439 From Republican River--Sec. 9-1-10 W.				
8-11-82	0.60					7-30-82	1.70	8-6-82	3.40				
			BUSH PUMP--A-12716 From Republican River--Sec. 11-1-13 W.						ORD BROTHERS PUMP--A-4205 From Republican River--Sec. 10-1-10 W.				
7-30-82	0.84	8-3-82	1.06			8-2-82	2.00	8-9-82	1.00				
			CROOK PUMP--A-5395 From Republican River--Sec. 7-1-12 W.						TIETJEN PUMP--A-5426 From Republican River--Sec. 11-1-10 W.				
8-9-82	1.20					8-6-82	1.10						
			ARNESON PUMP--A-12486 From Republican River--Sec. 5-1-12 W.						GLEASON PUMP--A-10852 From Republican River--Sec. 11-1-10 W.				
7-30-82	0.95	8-9-82	0.90			7-30-82	1.00						
			R & J FARMS PUMP (SINDT)--A-12858 From Republican River--Sec. 5-1-12 W.						RASSER BROTHERS CANAL--A-2917, 2357 From Elm Creek--Sec. 3-1-10 W.				
7-30-82	1.53	8-9-82	1.10	8-16-82	1.10	8-9-82	1.80						
			AILES PUMP (ARNESON)--A-15555 From Republican River--Sec. 4-1-12 W.						ORD BROTHERS PUMP--A-4206 From Elm Creek--Sec. 2-1-10 W.				
8-9-82	0.50					8-2-82	0.90	8-9-82	1.50				
			LEWIS PUMP--A-12856 From Republican River--Sec. 7-1-11 W.						SHIPMAN PUMP--A-4753 From Republican River--Sec. 8-1-9 W.				
7-30-82	2.40	8-9-82	1.70	8-16-82	1.90	7-30-82	1.90						

MISCELLANEOUS DATA

1982

This page intentionally left blank

PRECIPITATION AT VARIOUS POINTS
Data Compiled for 15 Months from Records
of the United States Weather Bureau
October 1981-December 1982
Values in Inches

	Normal		1982	
	Monthly	Accumulative	Monthly	Accumulative
*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION 4080				
October	0.79	0.79	0.34	0.34
November	0.33	1.12	0.23	0.57
December	0.29	1.41	0.04	0.61
January	0.25	1.66	0.06	0.67
February	0.24	1.90	0.08	0.75
March	0.56	2.46	0.49	1.24
April	1.31	3.77	0.43	1.67
May	2.63	6.40	3.06	4.73
June	3.41	9.81	3.65	8.38
July	1.56	11.37	4.27	12.65
August	1.16	12.53	1.62	14.27
September	1.07	13.60	2.62	16.89
October	0.79	14.39	1.80	18.69
November	0.33	14.72	0.66	19.35
December	0.29	15.01	0.15	19.50
69 year record				
*BRIDGEPORT STATION, MORRILL COUNTY--ELEVATION 3666				
October	0.83	0.83	2.30	2.30
November	0.38	1.21	0.49	2.79
December	0.34	1.55	0.19	2.98
January	0.35	1.90	0.26	3.24
February	0.29	2.19	0.13	3.37
March	0.72	2.91	0.44	3.81
April	1.42	4.33	0.72	4.53
May	3.10	7.43	2.90	7.43
June	3.67	11.10	4.97	12.40
July	2.40	13.50	8.32	20.72
August	1.38	14.88	2.64	23.36
September	1.42	16.30	2.14	25.50
October	0.83	17.13	0.98	26.48
November	0.38	17.51	0.77	27.25
December	0.34	17.85	0.32	27.57
*84 year record				
*OSHKOSH STATION, GARDEN COUNTY--ELEVATION 3393				
October	0.99	0.99	1.30	1.30
November	0.57	1.56	0.81	2.11
December	0.35	1.91	0.16	2.27
January	0.35	2.26	0.08	2.35
February	0.38	2.64	0.10	2.45
March	0.83	3.47	1.02	3.47
April	1.66	5.13	0.55	4.02
May	3.16	8.29	2.93	6.95
June	3.27	11.56	4.72	11.67
July	2.64	14.20	4.98	16.65
August	2.03	16.23	2.26	18.91
September	1.50	17.73	1.26	20.17
October	0.99	18.72	0.53	20.70
November	0.57	19.29	1.47	22.17
December	0.35	19.64	0.77	22.94
*69 year record				

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1982	
	Monthly	Accumulative	Monthly	Accumulative
*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION 2775 (Airport)				
October	0.99	0.99	0.60	0.60
November	0.52	1.51	1.94	2.54
December	0.41	1.92	0.43	2.97
January	0.45	2.37	0.20	3.17
February	0.52	2.89	0.15	3.32
March	0.99	3.88	0.99	4.31
April	1.93	5.81	1.42	5.73
May	3.26	9.07	6.32	12.05
June	3.77	12.84	2.35	14.40
July	2.98	15.82	1.78	16.18
August	2.07	17.89	1.18	17.36
September	2.01	19.90	1.26	18.62
October	0.99	20.89	2.44	21.06
November	0.52	21.41	0.73	21.79
December	0.41	21.82	1.08	22.87
*42 year record				
*GOTHENBURG STATION, DAWSON COUNTY--ELEVATION 2565				
October	1.16	1.16	No record	
November	0.54	1.70	"	"
December	0.45	2.15	"	"
January	0.45	2.60	"	"
February	0.54	3.14	0.18	
March	1.15	4.29	1.17	
April	2.03	6.32	2.05	
May	3.25	9.57	No record	
June	4.43	14.00	"	"
July	2.82	16.82	2.24	
August	2.53	19.35	1.85	
September	2.08	21.43	1.11	
October	1.16	22.59	2.44	
November	0.54	23.13	0.24	
December	0.45	23.58	1.31	
*87 year record				
*GRAND ISLAND STATION, HALL COUNTY--ELEVATION 1841				
October	1.08	1.08	1.08	1.08
November	0.61	1.69	3.21	4.29
December	0.56	2.25	0.63	4.92
January	0.52	2.77	0.65	5.57
February	0.76	3.53	0.56	6.13
March	1.18	4.71	2.41	8.54
April	2.47	7.18	3.15	11.69
May	3.78	10.96	8.88	20.57
June	4.40	15.36	4.47	25.04
July	3.00	18.36	2.65	27.69
August	2.54	20.90	5.78	33.47
September	2.51	23.41	2.37	35.84
October	1.08	24.49	2.06	37.90
November	0.61	25.10	1.49	39.39
December	0.56	25.66	1.18	40.57
*90 year record				

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1982	
	Monthly	Accumulative	Monthly	Accumulative
*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION 4320				
October	1.03	1.03	2.03	2.03
November	0.49	1.52	0.17	2.20
December	0.39	1.91	0.01	2.21
January	0.30	2.21	0.49	2.70
February	0.32	2.53	0.19	2.89
March	0.88	3.41	1.02	3.91
April	1.64	5.05	0.68	4.59
May	3.27	8.32	4.60	9.19
June	3.56	11.88	5.57	14.76
July	2.53	14.41	5.80	20.56
August	1.79	16.20	2.70	23.26
September	1.35	17.55	1.95	25.21
October	1.03	18.58	0.71	25.92
November	0.49	19.07	1.42	27.34
December	0.39	19.46	1.27	28.61
*53 year record				
*ORD STATION, VALLEY COUNTY--ELEVATION 2070				
October	1.41	1.41	0.53	0.53
November	0.63	2.04	2.67	3.20
December	0.65	2.69	1.99	5.19
January	0.62	3.31	0.76	5.95
February	0.86	4.17	0.07	6.02
March	1.40	5.57	2.04	8.06
April	2.25	7.82	2.21	10.27
May	3.39	11.21	5.89	16.16
June	4.33	15.54	3.08	19.24
July	2.68	18.22	1.41	20.65
August	2.64	20.86	3.24	23.89
September	2.39	23.25	1.26	25.15
October	1.41	24.66	4.07	29.22
November	0.63	25.29	2.78	32.00
December	0.65	25.94	0.27	32.97
*91 year record				
*FORT ROBINSON STATION, DAWES COUNTY--ELEVATION 3807				
October	1.00	1.00	No record	
November	0.58	1.58		
December	0.43	2.01		
January	0.43	2.44		
February	0.50	2.94		
March	0.92	3.86		
April	1.86	5.72		
May	3.59	9.31		
June	3.83	13.14		
July	2.14	15.28		
August	1.47	16.75		
September	1.34	18.09		
October	1.00	19.09		
November	0.58	19.67		
December	0.43	20.10		
*98 year record				

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1982	
	Monthly	Accumulative	Monthly	Accumulative
*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION 2720				
October	1.31	1.31	0.13	0.13
November	0.64	1.95	1.76	1.89
December	0.49	2.44	0.29	2.18
January	0.47	2.91	0.19	2.37
February	0.53	3.44	0.73	3.10
March	1.07	4.51	0.59	3.69
April	1.84	6.35	1.60	5.29
May	3.26	9.61	5.49	10.78
June	3.46	13.07	5.31	16.09
July	3.32	16.39	2.02	18.11
August	2.46	18.85	4.57	22.68
September	1.92	20.77	1.15	23.83
October	1.31	22.08	2.39	26.22
November	0.64	22.72	0.65	26.87
December	0.49	23.21	1.80	28.67
*94 year record				
*GENOA STATION, NANCE COUNTY--ELEVATION 1590				
October	1.38	1.38	1.37	1.37
November	0.58	1.96	3.70	5.07
December	0.70	2.66	0.71	5.78
January	0.47	3.13	0.97	6.75
February	0.90	4.03	0.56	7.31
March	1.20	5.23	2.49	9.80
April	2.42	7.65	1.74	11.54
May	3.78	11.43	8.64	20.18
June	4.80	16.23	3.09	23.27
July	3.26	19.49	9.31	32.58
August	3.07	22.56	4.38	36.96
September	2.68	25.24	2.03	38.99
October	1.38	26.62	3.99	42.98
November	0.58	27.20	2.03	45.01
December	0.70	27.90	1.78	46.79
*106 year record				
*HOLDREGE STATION, PHELPS COUNTY--ELEVATION-2330				
October	1.53	1.53	0.76	0.76
November	0.60	2.13	2.41	3.17
December	0.58	2.71	0.81	3.98
January	0.58	3.29	0.35	4.33
February	0.80	4.09	0.54	4.87
March	1.33	5.42	1.90	6.77
April	2.29	7.71	2.09	8.86
May	4.07	11.78	5.46	14.32
June	4.83	16.61	3.51	17.83
July	3.12	19.73	0.78	18.61
August	2.65	22.38	3.12	21.73
September	2.56	24.94	1.01	22.74
October	1.53	26.47	1.89	24.63
November	0.60	27.07	1.01	25.64
December	0.58	27.65	1.49	27.13
*92 year record				

MONTHLY EVAPORATION IN FEET--1982

STATION	May	June	July	Aug.	Sept.	Total
Pathfinder Dam	0.535	0.788	1.016	0.880	0.535	3.754
Whalen Dam	0.620	0.583	0.742	0.698	0.430	3.073
Bridgeport	0.574	0.746	1.288	0.656	0.473	3.737
Kingsley	/	0.450	0.594	0.465	0.300	
North Platte	0.620	0.630	0.930	0.594	0.525	3.299

All are United States Weather Bureau Class "A" pans

/No record reported

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Year Ending December 31, 1982

	Apr.	May	June	July	Aug.	Sept.	Total
Tri-State from:							
Akers Draw.....	0	150	0	0	0	0	150
Sheep Creek.....	0	660	0	0	0	80	740
Dry Spottedtail Creek.....	0	80	0	0	0	220	300
Wet Spottedtail Creek.....	0	130	0	0	0	470	600
Tub Springs.....	0	100	0	0	0	710	810
Alliance Drain.....	0	50	0	470	980	520	2020
Northport Canal from:							
Akers Draw.....	0	450	510	750	810	710	3230
Sheep Creek.....	0	2640	3340	3480	5060	5050	19570
Dry Spottedtail Creek.....	0	420	400	700	1290	590	3400
Wet Spottedtail Creek.....	0	520	650	630	1390	1430	4620
Tub Springs.....	0	650	940	1800	2580	1280	7250
Enterprise Canal from:							
Dry Spottedtail Creek.....	0	0	0	0	0	0	0
Morrill Drain.....	0	90	50	60	60	120	380
Winters Creek.....	0	0	30	120	120	90	360
Tub Springs.....	0	0	0	0	0	0	0
Winters Creek Canal from:							
Winters Creek.....	0	900	230	1750	1700	2070	6650
Alliance Canal from:							
Bayard Drain.....	650	1870	1660	1200	480	1350	7210
Red Willow Creek.....	250	1440	940	2250	3290	1650	9820
Totals.....	900	10150	8750	13210	17760	16340	67110

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
Values in Acre-feet
For 15 Month Period Ending December 31, 1982

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
*Bald Drain	310	20	50	0	0	40	60	750	40	530	1420	2040	430	70	60	5820
Bayard Sugar Factory Drain	2410	1550	1280	1120	970	1060	580	840	1240	2760	4540	3580	2410	1800	1440	27580
†Cleveland Drain	330	60	60	110	60	60	90	1150	1160	1080	760	920	320	110	60	6330
*DeGraw Drain	320	240	180	150	110	190	120	190	260	920	880	630	230	210	180	4810
Dugout Creek, Upper	540	390	330	240	160	130	100	2480	1730	2100	1780	1740	510	360	290	12880
*Fairfield Seep	120	60	60	0	30	50	0	100	120	140	190	180	130	70	60	1310
*Fanning Seep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gering Drain	2690	2010	1870	1650	1430	1550	1290	5650	2650	6960	8120	10750	2230	1890	1770	52510
Horse Creek	5140	2340	1630	790	1020	1020	700	9180	2360	7950	10550	17040	5280	2890	2350	70240
†Indian Creek	690	400	350	310	280	280	300	810	1050	1930	2760	2190	570	430	370	12720
*Lane Drain	170	120	60	60	70	120	60	110	60	100	120	160	140	120	120	1590
†Melbeta Drain	680	120	80	60	60	60	110	800	340	540	1170	1340	180	80	120	5740
Nine Mile Drain	8240	6290	5570	5020	4270	4500	4120	7520	7110	10380	14010	15310	8340	6110	5380	112170
Red Willow Creek	7870	5190	4610	4110	3600	3690	3460	9340	6840	11610	9010	15250	7300	5220	4890	101990
*Scottsbluff Drain No. 1	120	120	120	100	80	120	120	120	120	130	160	290	130	120	120	1970
*Scottsbluff Drain No. 2	180	160	120	120	110	120	140	320	210	180	260	430	270	80	120	2820
Sheep Creek	6210	5480	4970	4770	3770	4060	3700	470	330	300	300	1260	6360	5330	4910	52220
Spottedtail Creek, Dry	1990	1100	930	740	640	1070	1570	2510	1540	4100	4950	6120	2050	2080	1760	33150
Spottedtail Creek, Wet	800	710	640	560	470	460	440	550	500	760	800	850	770	640	560	9510
Tub Springs Creek	3350	2730	2250	2050	1670	1540	1530	2590	2570	2670	3330	4240	3440	2650	2290	38900
Winters Creek	4050	3180	2700	2310	1880	2280	2230	3100	4040	3470	5640	6020	4140	3170	2820	51030
Totals	46210	32270	27860	24270	20680	22400	20720	48580	34270	58610	70750	90340	45230	33430	29670	605290

*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 15 Month Period Ending December 31, 1982

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Guernsey to Whalen	11860	0	0	0	0	0	27530	86320	14880	186760	204950	143680	1370	0	0	677350
Whalen to State Line	890	0	0	0	0	0	0	14830	3330	28110	32960	19890	40	0	0	100050
State Line to Mitchell	0	0	0	0	0	0	620	36040	25000	84860	84860	48480	0	0	0	279860
Mitchell to Minatare	3130	0	0	0	0	0	1820	10190	3980	12790	15110	10480	2020	0	0	59520
Minatare to Bridgeport	3810	0	0	0	0	0	2750	16490	17830	20950	22980	17500	3170	0	0	105480
Bridgeport to Lisco	1650	0	0	0	0	0	0	1610	5010	7760	7040	3950	1020	0	0	28040
Lisco to Keystone	6640	60	0	0	0	0	0	2480	5370	11670	9100	6850	2360	0	0	44530
Keystone to North Platte	1770	0	0	0	0	0	3060	10120	9450	34700	32210	19350	310	0	0	110970
North Platte to Odessa	430	0	0	0	0	0	7620	45700	61070	184060	165070	34850	140	0	0	498540
Total, Guernsey-Odessa	30180	60	0	0	0	0	43400	223780	145920	571660	574280	305030	10430	0	0	1904740

SUMMARY
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	15 Month Period		
	October Acreage *Irrigated	1981-December Acre-feet Total	1982 Diverted Per Acre
Ainsworth	35887	64430	1.80
Alliance	6160	17030	2.76
Bartley		10070	
Beerline	2088	1690	0.81
Belmont	9023	28370	3.14
Birdwood	5308	5590	1.05
Blue Creek	2834	5230	1.85
Browns Creek	6126	10670	1.74
Cambridge		27070	
Castle Rock-Steamboat	6507	20510	3.15
Central	1984	5670	2.86
Champion		2100	
Chimney Rock	5269	16230	3.08
Cody-Dillon	4782	3830	0.80
Court House Rock	1489	1400	0.94
Courtland for Nebr lands	1425	850	0.60
Cozad	16742	32770	1.96
Culbertson		32430	
Dawson County	34291	67040	1.96
Earnest		340	
Empire	2191	6450	2.94
Enterprise	7295	25990	3.56
Farwell	50116	71120	1.42
Fort Laramie for Wyo Lands	50210	160780	3.20
Fort Laramie for Nebr Lands	54846	108550	1.98
Franklin		22820	
Franklin Pump		2100	
Gering	12255	38200	3.12
**Gothenburg	18396	48020	2.61
Graf	774	1690	2.18
Harris-Neece		1350	
Hooper	872	2280	2.61
Interstate for Wyo & Nebr lands	112449	406650	3.62

SUMMARY
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	15 Month Period		
	October Acreage *Irrigated	1981-December Acre-feet Total	1982 Diverted Per Acre
**Kearney	6752	15020	2.22
Keith-Lincoln County	5528	17630	3.19
Last Chance	404	180	0.45
Lichte		160	
Lisco	3914	12570	3.21
McGinley-Stover		0	
McLaughlin		160	
Meeker-Driftwood		27320	
Meredith-Ammer	336	670	1.99
#Middle Loup PPID No. 1	3813	4770	1.25
#Middle Loup PPID No. 2	6692	5720	0.85
#Middle Loup PPID No. 3	12101	12280	1.01
#Middle Loup PPID No. 4	11824	13480	1.14
Midland-Overland	2258	1450	0.64
Minatare	9212	21210	2.30
Mirage Flats	11111	12940	1.16
Mitchell	13568	17660	1.30
Moore-Kay		0	
Naponee		2190	
Nine Mile	6150	25460	4.14
#No. Loup PPID-Taylor-Ord	15314	28130	1.84
#No. Loup PPID-Burwell-Sumter	8887	14330	1.61
#No. Loup PPID-Ord North Loup	7132	11010	1.54
North Platte	14122	47720	3.38
Northport	16137	33940	2.10
Orchard-Alfalfa	5975	10320	1.73
Paisley	1086	3730	3.43
Paxton-Hershey	7323	16570	2.26
Pioneer		60	
Potmesil		1010	
Ramshorn	1651	0	0
Red Willow		7200	
Sargent	14021	21560	1.54
Sheridan-Wilson		130	
Short Line	918	8280	3.01
Six Mile	1243	2490	2.00

SUMMARY
DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	15 Month Period		
	October Acreage *Irrigated	1981-December Acre-feet Total	1982 Diverted Per Acre
Suburban	5428	19190	3.54
Superior		11760	
Thirty Mile	22924	41820	1.82
*Tri-County	112972	281430	2.49
Tri-State	63357	176500	2.79
Union	1306	2070	1.58
Western	12443	25960	2.09
Winters Creek	5745	3460	0.60

*Annual acreage reports filed by April 1, which listed lands intended to be irrigated

**For irrigation exclusive of power

#Net diversion - spills have been deducted

COMPARISON OF STORAGE IN RESERVOIRS
1982 Calendar Year

Name of Reservoir	Capacity Top of Irrig. Pool Acre-feet	Maximum Storage 1982		Carryover Dec. 31, 1982	
		Acre-feet	%Average	Acre-feet	%Average
1 Pathfinder (ownership)	a 1,015,890	912,230	94%	677,030	120%
1 Glendo (ownership)	a 184,870	161,990	91%	136,310	97%
Lake C. W. McConaughy	a 1,948,000	1,658,500	97%	1,570,200	105%
Oliver	b 2,680	2,690	77%	2,540	104%
Whitney	a 1,000	10,410	101%	8,220	135%
Crescent Lake	a 7,000	1,430	84%	810	94%
Box Butte	a 31,060	16,300	92%	10,910	134%
2 Enders	a 44,480	34,220	95%	25,720	115%
2 Harry Strunk Lake	a 37,140	40,200	100%	36,500	134%
2 Swanson Lake	a 120,160	145,380	134%	114,230	168%
2 Harlan County	a 342,560	355,300	111%	311,100	126%
2 Hugh Butler Lake	a 37,780	33,710	94%	27,930	99%
Sherman	a 69,080	69,365	100%	53,550	108%
Merritt	a 74,490	78,040	103%	69,110	108%

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

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

a 1970-1982 record for average

b 1981-1982 record for average - Water stored for recreation - no irrigation

ANNUAL MAXIMUM WITHDRAWAL OF MUNICIPAL WELLS (GALLONS PER DAY)

City	Permitted to Withdraw	1967	1968	1969	1970	1971
Alliance	7,500,000	10,572,000	11,457,000	12,062,000	11,753,000	13,468,000
Ashland	360,000	720,000	572,000	658,000	384,000	505,000
Beatrice	6,500,000	-----	-----	-----	-----	5,801,000
Bellevue	10,000,000	2,626,900	2,651,800	2,213,300	2,885,000	2,900,000
Columbus	12,160,000	5,752,800	3,520,400	4,210,032	4,333,000	3,735,710
Fairbury	5,000,000	1,201,847	2,109,000	3,000,000	3,000,000	3,013,900
Fremont	98,000,000	35,800,000	37,200,000	39,000,000	42,600,000	44,300,000
Gothenburg	1,325,000	-----	-----	-----	1,728,000	1,609,700
Grand Island	119,184,000	39,356,000	35,063,000	43,164,000	54,668,000	42,840,000
Harvard	2,000,000	-----	569,750	527,900	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	3,364,300	4,410,000	4,534,000
Kimball	5,300,000	-----	1,900,000	-----	-----	-----
Laurel	250,000	250,000	469,200	307,000	400,000	480,000
Leigh	130,000	110,000	70,000	63,000	155,000	165,000
Lincoln	72,000,000	64,697,500	69,732,500	68,250,000	82,000,000	80,200,000
Minden	864,000	296,967	720,000	1,357,376	1,270,987	1,452,176
Nebraska City	7,592,000	3,129,000	3,785,000	3,167,000	4,470,000	4,470,000
North Platte	28,584,000	10,185,000	-----	12,295,000	14,759,000	12,050,000
Omaha (M.U.D.)	60,000,000	2,000,000	49,900,000	43,400,000	52,270,000	54,380,000
Papillion	5,000,000	300,000	700,000	61,000	180,000	200,000
Plattsmouth	3,000,000	905,760	1,038,000	894,900	1,167,600	1,097,700
Reynolds	216,000	100,000	50,000	-----	50,000	33,000
Scottsbluff	10,000,000	6,463,128	7,002,214	7,560,000	6,430,000	7,270,000
Seward	9,300,000	2,934,000	1,805,000	1,603,000	1,691,285	168,224
Superior	3,100,000	1,500,000	-----	977,700	1,262,000	-----
Sutton	730,000	250,000	225,000	275,000	400,000	1,000,000
Syracuse	300,000	273,305	289,000	266,000	306,630	287,292
Wakefield	10,000,000	475,000	300,000	-----	95,000	110,000

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

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

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

City	1978	1979	1980	1981	1982
Alliance	3,951,000	6,030,000	8,360,000	8,910,000	9,030,000
Ashland	1,800,000	187,660	1,324,000	1,324,000	1,140,000
Beatrice	4,929,348	5,101,623	5,800,000	5,806,100	4,424,861
Bellevue	1,770,000	1,656,100	1,801,200	2,257,900	2,081,050
Columbus	4,769,000	8,087,000	8,087,000	8,043,000	8,320,000
Fairbury	3,090,000	2,930,200	3,659,000	3,006,100	2,991,600
Fremont	40,333,000	32,478,000	42,027,000	24,065,000	26,281,000
Gothenburg	2,813,000	2,307,700	5,245,800	3,425,500	3,215,200
Grand Island	38,336,500	40,067,600	42,379,200	40,537,500	26,952,000
Harvard	286,950	653,257	864,870	445,064	224,702
Hastings	16,641,725	17,354,300	15,532,100	13,849,225	13,728,443
Holdrege	5,779,000	4,144,400	5,707,300	5,300,200	5,493,500
Kimball	1,768,540	1,550,000	-----	1,593,300	1,249,071
Laurel	500,000	500,000	500,000	500,000	500,000
Leigh	60,000	120,000	497,000	325,000	355,000
Lincoln	73,881,736	74,210,000	85,904,000	89,158,100	78,500,000
Minden	2,303,750	2,120,000	2,196,750	1,744,750	1,863,250
Nebraska City	4,230,000	3,850,000	3,900,000	4,290,000	2,835,000
North Platte	16,211,215	7,067,000	18,530,715	17,890,375	8,346,570
Omaha (M.U.D.)	56,720,000	56,790,000	58,140,000	58,910,000	55,520,000
Papillion	2,939,768	3,777,000	3,601,000	4,596,400	3,213,000
Plattsmouth	1,626,000	1,772,000	1,837,000	2,226,000	1,521,000
Reynolds	49,300	168,000	78,600	82,290	346,000
Scottsbluff	11,410,000	9,974,700	10,821,000	11,776,800	11,960,400
Seward	1,686,000	1,581,158	2,348,212	1,567,833	836,476
Superior	1,006,774	991,967	1,397,000	1,353,000	1,339,000
Sutton	500,850	600,500	935,520	313,264	73,930
Syracuse	483,000	464,000	538,000	606,000	465,000
Wakefield	425,000	432,000	485,000	410,000	425,000

I N D E X

	<u>Page</u>
Ainsworth Canal from Snake River and Merritt Reservoir	13
Akers Draw into Tri-State Canal	17
Alice Reservoir	15
Alliance Canal from Red Willow Creek	27
Alliance Canal from Bayard Sugar Factory Drain	26
Annual Maximum Withdrawal of Municipal Wells	159
Antelope Lake (Holmes Park No. 17)	58
Armstrong Pump from Niobrara River	9
Bartley Canal from Republican River	60
Bayard Sugar Factory Drain near Bayard	25
Beerline Canal from North Platte River	31
Belmont Canal from Cedar Creek	32
Belmont Canal from North Platte River	28
Belmont Spill into Pumpkinseed Creek	30
Bennett-Kay Canal from Niobrara River	9
BIG BLUE RIVER BASIN	119
BIG NEMHA RIVER BASIN	111
Birdwood Canal from Birdwood Creek	37
Blue Creek Canal from Blue Creek and Crescent Lake	34
Blue Stem Reservoir (No. 4)	56
Branched Oak Lake (No. 18)	58
Browns Creek Canal from North Platte River	29
Buffalo Creek near Elm Creek	49
Burwell-Sumter Canal from North Loup River	54
Cambridge Canal from Republican River	60
Castle Rock-Steamboat Canal from North Platte River	23

	<u>Page</u>
Cedar Creek near Broadwater	32
Cedar River	84, 145
Central Canal from North Platte River	21
Champion Canal from Frenchman River	59
CHEYENNE RIVER BASIN	65, 131
Chimney Rock Canal from North Platte River	24
Circle Pump from Niobrara River	11
Cleveland Drain near Bayard	25
Cody-Dillon Canal from North Platte River	37
Cold Water Creek near Lisco	33
Comparison of Storage in Reservoirs	159
Conestoga Lake (No. 12)	57
Cook Canal No. 2 Pump from Niobrara River	8
Court House Rock Canal from Pumpkinseed Creek	30
Courtland Canal from Republican River near Guide Rock	61
Courtland Canal from Republican River at State Line	62
Cozad Canal from Platte River	47
Crescent Lake	34
Culbertson Canal from Frenchman River	59
Cunningham Lake (No. 11)	14
Davison Pump from Niobrara River	9
Dawson County Canal from Platte River	47
Dawson County Drain No. 2	47
Discharge into North Platte River from Drains between	156
Wyoming-Nebraska State Line and Bridgeport	
Diversions from Drains between Wyoming-Nebraska State	155
Line and Bridgeport	

INDEX

	<u>Page</u>
Dry Spottedtail Creek at Mitchell	19
Earnest Canal from Niobrara River	8
ELKHORN RIVER BASIN	94
Elm Creek near Elm Creek	49
Elwood Reservoir	45
Empire Canal from North Platte River via Belmont Canal	28
Enterprise Canal from North Platte River	18
Enterprise Canal from Morrill Drain	18
Enterprise Canal from Winters Creek	18
Enterprise Canal Pump from Niobrara River	11
Excelsior Canal from Niobrara River	10
Explanation of Data	3
Farwell Canal Combined Flow	54
Farwell Canal from Middle Loup River	53
Farwell "Main" Canal from Middle Loup River	53
Farwell "South" Canal from Middle Loup River	54
Fort Laramie Canal from North Platte River	15
Franklin Canal from Republican River	61
Franklin Pump Canal from Republican River	61
Fremont Slough at North Platte	42
Gering Canal from North Platte River	20
Gothenburg Irrigation Canal from Platte River	46
Graf Canal from Blue Creek	35
Haigler Canal from Republican River	59
Harris-Neece Canal from Niobrara River	8
Hat Creek	65, 131

	<u>Page</u>
Hitshew Pump No. 2 from Niobrara River	10
Hooper Canal from Blue Creek	34
Hoover Pump from Niobrara River	7
Hughes Canal from Niobrara River	10
Index	161
Indian Creek near Northport	28
Interstate Canal from North Platte River	15
Introduction	1
Jeffrey Reservoir	44
Johnson Canal from Niobrara River	7
Johnson Reservoir	45
Kearney Canal from Platte River	50
Kearney Irrigation Canal from Platte River	50
Kearney Power Return to Platte River	51
Keith-Lincoln County Canal from North Platte River	36
Korty (Sutherland) Canal from South Platte River	40
Lakotah Canal from Niobrara River	8
Last Chance Canal from Pumpkinseed Creek	30
Lichte Canal from Niobrara River	12
Lincoln County Drain No. 1 near North Platte	38
Lisco Canal from North Platte River	33
Listing of Certain Canals not Diverting in 1982	62
LITTLE BLUE RIVER BASIN	126
LITTLE NEMAHA RIVER BASIN	107
Lodgepole Creek below Oliver Reservoir	39
LOUP RIVER BASIN	52, 84, 137

I N D E X

	<u>Page</u>
McLaughlin Canal from Niobrara River	10
Meeker-Driftwood Canal from Republican River	59
Melbeta Drain near Melbeta	23
Meredith-Ammer Canal from Pumpkinseed Creek.	30
Mettlen Canal from Niobrara River.	9
Middle Loup Public Power & Irrigation District Canal No. 1	52
Middle Loup Public Power & Irrigation District Canal No. 2	52
Middle Loup Public Power & Irrigation District Canal No. 3	52
Middle Loup Public Power & Irrigation District Canal No. 4	53
Middle Loup River.	52, 84, 137, 140
Midland-Overland Canal from North Platte River	33
Minatare Canal from North Platte River	22
Minatare Reservoir	16
Mirage Flats Canal from Niobrara River	12
Miscellaneous Data 1982.	151
Miscellaneous Discharge Measurements of Rivers and Streams 1982	63
Miscellaneous Discharge Measurements of Canal and Pump Diversions 1982	129
Mitchell Canal from North Platte River	16
MISSOURI RIVER TRIBUTARIES	14, 67, 73, 105, 110
Missouri River Tributaries (Little Nemaha to the Big Nemaha)	110
Missouri River Tributaries (Niobrara to the Platte River).	14, 73
Missouri River Tributaries (Platte to the Little Nemaha)	105
Missouri River Tributaries (Ponca Creek)	67
Montague Canal from Niobrara River	11
Montague Pump from Niobrara River.	12

	<u>Page</u>
Monthly Evaporation.	155
Naponee Canal from Republican River.	61
Nine Mile Canal from North Platte River.	23
Nine Mile Drain near McGrew.	24
NIOBRARA RIVER BASIN	7, 68, 133
North Loup River	54, 84, 141
North Platte Canal from North Platte River	36
NORTH PLATTE RIVER BASIN	15, 79, 134
North Platte River Passing Tri-State Dam	17
Northport Canal from North Platte River.	27
Olive Branch Reservoir (No. 2)	56
Oliver Reservoir	39
Orchard-Alfalfa Canal from Platte River.	47
Ord-North Loup Canal from North Loup River	55
Paisley Canal from Blue Creek.	34
Pawnee Lake (No. 14)	57
Paxton-Hershey Canal from North Platte River	36
Phelps County Canal from Platte River.	46
Pioneer Pump from Niobrara River	11
PLATTE RIVER BASIN	43, 83, 137
Platte River, Branch Confluence to Loup.	83
Platte River Confluence, Discharge at North Platte	43
Platte River, Loup to Elkhorn.	92
Platte River Passing Tri-County Diversion Dam.	43
Platte River, Salt Creek to Mouth.	104
Plum Creek near Smithfield	48

I N D E X

	<u>Page</u>		<u>Page</u>
Putmesil Canal from Niobrara River	12	Sutherland and Maloney Reservoirs	41
Precipitation at Various Points	153	Sutherland Power Return to the South Platte River	41
Red Willow Canal from Red Willow Creek	60	Taylor-Ord Canal from North Loup River	54
Red Willow Creek near Bayard	26	Thirty-Mile Canal from Platte River	46
REPUBLICAN RIVER BASIN	59, 115, 147	Tri-County Canal, Jeffrey Power Return to Platte River	45
Riverside Canal from Frenchman River	60	Tri-County Canal, Johnson Power Return to Platte River	48
SALT CREEK BASIN	56, 101	Tri-County Canal from Platte River	44
Sargent Canal from Middle Loup River	52	Tri-State Canal from North Platte River	16
Sheridan-Wilson Canal from Sarben Slough	36	Tub Springs near Scottsbluff	20
Short Line Canal from North Platte River	24	Twin Lakes (No. 13)	57
Silvernail Drain near Bridgeport	31	Union Canal from Blue Creek	35
Six Mile Canal from Platte River	46	Upper Dugout Creek near Bridgeport	29
South Loup River	137	Wagon Train Lake (No. 8)	56
SOUTH PLATTE RIVER BASIN	39, 82, 135	Western Canal from South Platte River	40
Stage Coach Lake (No. 9)	56	Wet Spottedtail Creek near Mitchell	19
Standing Bear Lake (No. 16)	14	White Horse Creek near North Platte	43
Storage in Reservoirs and Daily Discharge of Rivers, Streams and Canals not Published by the U.S. Geological Survey, 1982	5	WHITE RIVER BASIN	7, 66, 132
Strever (Spring) Creek near Overton	49	Whitney Reservoir	7
Suburban Canal from North Platte River	37	Winters Creek Canal from North Platte River	20
Summary of Annual Diversions and Acreage Irrigated by Major Canals	157	Winters Creek Canal from Winters Creek	22
Summary of Monthly Diversions for Irrigation by Sections	156	Winters Creek Factory Lateral from Winters Creek	22
between Guernsey, Wyoming and Odessa, Nebraska		Winters Creek near Scottsbluff	21
Superior Canal from Republican River	62	Yankee Hill Lake (No. 10)	57
Sutherland Canal from North Platte River	35		
Sutherland (Korty) Canal from South Platte River	40		