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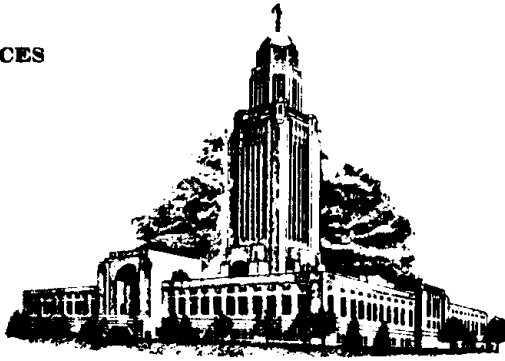
STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

HYDROGRAPHIC REPORT

1963 — 1964

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STATE SOIL AND WATER
CONSERVATION COMMISSION
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State of Nebraska

LINCOLN 68509

P.O. Box 94807

IN REPLY REFER TO

December 1 , 1965

The Honorable Frank B. Morrison
Governor of Nebraska
Lincoln, Nebraska

Dear Governor Morrison:

I have the honor to transmit to you herewith a hydrographic report for the water years 1963 and 1964.

This report contains the records of daily diversions of water from streams by means of canals and pumps for irrigation and power purposes. It also contains heretofore unpublished discharge records of certain natural streams in Nebraska.

Respectfully submitted,

A handwritten signature in cursive script that reads "Dan S. Jones, Jr.".

Dan S. Jones, Jr.
Director of Water Resources

**STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES**

**CANAL DIVERSIONS
AND
MISCELLANEOUS STREAM DISCHARGE RECORDS
1963 and 1964**

**Prepared Under the Direction of Dan S. Jones, Jr.,
Director of Water Resources**

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HYDROGRAPHIC REPORT 1963 AND 1964

INTRODUCTION

The records of daily diversions from streams by canals during the 1963 and 1964 water years are published in this Hydrographic Report. Also published herein are discharge records for Nebraska streams and storage records for Nebraska reservoirs which are not published by the United States Geological Survey.

The basic stream gaging program in Nebraska is carried on under a cooperative agreement between the Surface Water Branch, 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 Federal agencies, the Department of Roads and certain local agencies. All such cooperative daily discharge records are now published annually by the Geological Survey as Nebraska Surface Water Records.

Copies of this Hydrographic Report may be obtained by addressing the Nebraska Department of Water Resources, Capitol Building, P.O. Box No. 94607, Lincoln, Nebraska 68509. Copies of the publication Nebraska Surface Water Records may be obtained by addressing the District Chief, U. S. Geological Survey, Room 132, Nebraska Hall, University of Nebraska, Lincoln 68509, or the Nebraska Department of Water Resources.

EXPLANATION OF DATA

The water diverted from streams into canals is measured through rating flumes located as near as possible to the headgates of the canals near the banks of the streams from which the water is diverted. The legal description of the land on which the rating flume is situated is given by section, township and range in the heading of each record.

The discharge and diversion records are reported for water years, a water year being the period from October 1st of one year to September 30th of the following year. Continuous records of flows are obtained through the operation of water stage recorders on each of the diversions from the time the canals are first opened in the spring until they are closed in the fall. The canals are dry during the months or periods for which no record is shown.

The mean daily discharges and diversions are in cubic feet per second, while the monthly and annual totals are in acre-feet. At the foot of each diversion record is listed the acreage intended to be irrigated under the water appropriation, or appropriations, by virtue of which the water is diverted. Section 46-261 R.R.S., Nebr., 1943, provides that before April 1st of each year the owner or operator of each canal shall submit to the Department a verified list of the lands intended to be irrigated during the ensuing year. The acreage actually irrigated is sometimes less than that reported because of unforeseen weather and moisture conditions or for other reasons.

Most of the stream pumps and some small canals are not as yet equipped with flow recording devices and accurate daily diversion records for them cannot be computed. However, during times of water shortage, such pumps and canals are measured frequently. The results of such measurements and the results of measurements made on streams at locations other than at established gaging stations are on file in the office of the Department of Water Resources.

DAILY DISCHARGE OF RIVERS AND STREAMS
NOT PUBLISHED BY U.S. GEOLOGICAL SURVEY
1963

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DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER PASSING
TRI-STATE DAM--Water Year ending September 30, 1963

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	308	295	4	18	6	14	115
2	318	295	9	11	16	16	131
3	311	288	31	7	13	15	93
4	308	234	86	5	16	12	35
5	305	103	77	21	17	30	46
6	311	21	23	1	18	21	31
7	305	18	30	1	36	20	19
8	305	14	3	1	311	23	1
9	305	12	3	40	240	19	1
10	315	13	3	111	143	17	1
11	315	13	5	49	86	19	1
12	305	12	27	8	13	21	1
13	285	10	7	5	21	20	1
14	272	8	34	20	42	21	1
15	259	6	129	138	8	27	1
16	253	4	135	131	4	24	5
17	246	2	93	118	6	52	1
18	237	3	1	152	19	209	1
19	237	1	1	170	5	173	1
20	228	1	1	126	11	143	1
21	228	1	1	75	12	129	109
22	231	1	1	22	14	84	122
23	272	1	1	4	17	56	101
24	418	1	1	2	17	36	46
25	386	5	63	1	16	28	23
26	382	11	131	1	48	10	87
27	374	9	126	4	71	1	87
28	367	8	120	3	71	1	87
29	364	7	56	1	52	1	178
30	356	5	269	2	28	29	269
31	353	-	40	-	16	77	---
Mean	305	47	49	42	45	43	53
Max.	418	295	269	170	311	209	269
Min.	228	1	1	1	4	1	1
A.F.	18760	2780	3000	2480	2760	2670	3170
Total 7 months period	35620 A.F.						

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
Water Year ending September 30, 1963

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1539400	1578600	1609800	1638300	1670100	1732000	1786400	1838500	1768100	1750000	1504400	1369500
2	1539400	1578600	1609800	1638300	1670100	1732000	1789400	1838500	1771200	1741000	1504000	1369500
3	1542200	1581400	1612600	1641200	1673000	1735000	1792500	1838500	1771200	1732000	1495900	1369500
4	1542200	1581400	1612600	1641200	1675900	1738000	1792500	1835400	1771200	1723000	1490500	1372000
5	1542200	1584200	1615500	1644000	1675900	1741000	1795600	1833500	1771200	1714000	1485100	1372000
6	1547800	1587000	1615500	1644000	1621700	1741000	1795600	1835400	1774200	1708000	1477000	1372000
7	1550600	1587000	1615500	1646900	1634600	1744000	1798600	1835400	1774200	1699100	1471700	1374600
8	1553400	1589800	1618400	1649800	1687500	1747000	1801600	1829200	1774200	1690400	1469000	1377200
9	1553400	1589800	1618400	1649800	1690400	1747000	1804700	1829200	1777200	1681700	1463800	1377200
10	1553400	1592700	1618400	1652700	1693300	1750000	1804700	1826100	1730300	1673000	1458400	1379300
11	1556200	1592700	1621200	1652700	1696200	1753000	1807800	1826100	1780300	1664300	1450500	1382400
12	1556200	1595600	1621200	1652700	1699100	1753000	1810800	1823000	1783400	1655600	1447300	1382400
13	1556200	1595600	1621200	1652700	1699100	1756000	1810800	1820000	1786400	1649900	1439900	1382400
14	1556200	1598400	1621200	1652700	1699100	1756000	1813800	1816900	1786400	1638300	1432000	1385000
15	1556200	1598400	1624000	1652700	1702000	1759000	1816900	1810800	1799400	1632600	1426600	1387600
16	1556200	1598400	1626900	1655600	1705000	1759000	1820000	1810800	1799400	1624000	1418800	1387600
17	1556200	1601200	1629900	1655600	1708000	1762000	1820000	1807800	1792500	1615500	1416200	1390200
18	1556200	1601200	1629800	1655600	1711000	1762000	1823000	1804700	1795600	1609300	1408400	1390200
19	1556200	1601200	1629800	1655600	1711000	1768100	1826100	1801600	1798600	1604100	1403200	1390200
20	1556200	1601200	1632600	1658500	1714000	1768100	1826100	1798600	1795600	1595600	1400600	1392800
21	1559000	1604100	1632600	1658500	1717000	1768100	1826100	1795600	1795600	1587000	1398000	1392800
22	1559000	1604100	1632600	1661400	1717000	1771200	1826100	1798400	1792500	1581400	1395400	1395400
23	1561800	1604100	1632600	1661400	1720000	1774200	1829200	1786400	1789400	1575800	1390200	1398000
24	1561800	1604100	1632600	1661400	1720000	1774200	1829200	1783400	1799400	1567400	1387600	1400600
25	1564600	1604100	1632600	1664300	1723000	1777200	1832300	1780300	1786400	1559000	1385000	1403200
26	1564600	1607000	1632600	1664300	1723000	1777200	1832300	1777200	1780300	1550600	1382400	1405800
27	1567400	1607000	1632600	1664300	1726000	1777200	1832300	1774200	1777200	1545000	1379200	1409400
28	1570200	1607000	1632600	1664300	1729000	1777200	1835400	1771200	1774200	1536600	1374600	1402400
29	1573000	1607000	1632600	1667200	-----	1780300	1833500	1768100	1765000	1531000	1374600	1411000
30	1573000	1609800	1635400	1667200	-----	1780300	1838500	1768100	1756000	1522900	1372000	1413600
31	1575800	-----	1635400	1670100	-----	1783400	-----	1768100	-----	1517500	1369500	-----

DISCHARGE IN SECOND-FEET OF PLATTE RIVER PASSING
TRI-COUNTY DIVERSION DAM--Sec. 10-13-29 W.
Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	67	148	577	1174	48
2	72	120	914	1187	42
3	89	80	1312	1187	75
4	70	72	1700	1161	49
5	75	70	1880	1161	42
6	80	65	1605	1161	80
7	72	60	1425	1044	65
8	86	60	1510	927	53
9	67	63	1624	901	58
10	67	49	1567	953	95
11	48	53	1700	798	65
12	40	49	1800	862	63
13	40	46	1643	849	95
14	80	46	1720	823	67
15	89	49	1510	953	77
16	124	70	1624	685	137
17	144	70	1148	605	127
18	110	114	940	862	70
19	83	51	706	1109	53
20	80	44	979	901	86
21	117	65	966	364	80
22	95	53	1044	140	89
23	83	46	1031	130	80
24	130	46	1109	65	92
25	104	86	1187	53	70
26	83	67	1109	48	58
27	83	60	1096	86	80
28	110	98	1161	49	65
29	83	127	1161	44	63
30	120	364	1174	80	55
31	230	--	1161	51	--
Mean	91	80	129	658	73
Max.	230	364	1880	1187	137
Min.	40	44	577	44	42
A.F.	5600	4740	79500	40490	4320
Total May-Sept. 134650 A.F.					

DISCHARGE IN SECOND FEET OF BUFFALO CREEK NEAR LIM. CREEK
Sec. 33-9-18 W.--Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	15	8	9	0	19
2	15	9	8	0	21
3	13	10	8	0	19
4	5	32	9	0	36
5	5	55	6	0	23
6	14	24	0	0	14
7	13	16	0	0	13
8	8	17	0	2	20
9	9	15	0	6	18
10	9	16	0	3	12
11	8	15	0	6	11
12	5	19	0	6	6
13	5	19	0	0	6
14	5	19	1	4	6
15	6	22	0	0	8
16	8	21	6	2	7
17	6	24	27	1	0
18	6	21	10	11	0
19	13	14	13	21	0
20	15	19	21	24	4
21	14	27	19	17	5
22	13	25	10	20	6
23	8	24	9	32	13
24	12	24	5	32	9
25	11	28	1	32	10
26	11	30	0	30	12
27	9	32	0	26	11
28	9	27	0	26	10
29	9	25	0	19	6
30	9	26	0	19	4
31	8	--	0	23	--
Mean	10	22	5	12	11
Max.	15	55	27	32	36
Min.	5	8	0	0	0
A.F.	590	1320	320	720	650

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
Sec. 6-20-52 W.--Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	14	18	21	13	17
2	25	9	21	12	22
3	9	7	20	10	20
4	8	20	17	14	20
5	10	28	15	14	21
6	12	27	12	11	21
7	12	27	10	9	20
8	5	27	8	4	20
9	7	30	8	4	20
10	8	37	11	4	19
11	7	30	13	3	15
12	9	29	13	6	18
13	9	28	10	4	17
14	12	28	13	4	18
15	13	31	15	2	17
16	11	17	17	5	20
17	21	10	13	5	16
18	15	7	12	5	17
19	19	5	11	11	17
20	28	4	11	8	17
21	26	27	12	5	16
22	27	24	15	11	24
23	26	21	13	9	22
24	26	21	19	10	20
25	29	22	16	12	26
26	27	22	21	12	26
27	26	22	18	9	25
28	26	21	21	9	24
29	26	15	23	9	24
30	26	21	16	10	24
31	37	--	11	11	--
Mean	18	21	15	8	20
Max.	37	37	23	14	26
Min.	5	4	8	2	15
A.F.	1100	1260	900	510	1200

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO
Sec. 34-18-46 W.--Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	4	3	3	0	0
2	4	3	3	0	0
3	4	3	3	0	0
4	4	3	3	0	0
5	4	3	3	0	0
6	4	3	3	0	0
7	4	3	3	0	0
8	4	3	3	0	0
9	4	3	0	0	0
10	4	3	0	0	0
11	4	3	0	0	0
12	4	3	0	0	0
13	3	3	0	0	0
14	3	3	0	0	0
15	3	3	0	0	0
16	3	3	0	0	0
17	3	3	0	0	0
18	3	3	0	0	0
19	3	3	0	0	0
20	3	3	0	0	0
21	3	3	0	0	0
22	3	3	0	0	0
23	3	3	0	0	0
24	3	3	0	0	0
25	3	3	0	0	1
26	3	3	0	0	1
27	3	3	0	0	1
28	3	3	0	0	1
29	3	3	0	0	1
30	3	3	0	0	1
31	3	--	0	0	--
Mean	3	3	1	0	0
Max.	4	3	3	0	1
Min.	3	3	0	0	0
A.F.	210	120	50	0	10

CRESCENT LAKE STORAGE IN ACRE-FEET
Head of Blue Creek--Sec. 21-20-44 W.
Water Year Ending September 30, 1963

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	1530	----	----
2	----	----	----	----	----	----	----	----	----	----	----	----
3	----	----	----	----	----	----	----	----	----	----	660	----
4	----	----	----	----	----	----	1980	----	----	----	----	----
5	----	----	----	----	----	----	----	----	----	----	740	----
6	----	----	----	----	----	----	----	----	----	----	----	----
7	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	----	----	2060	----	1260	----	----
9	----	----	----	----	----	----	----	----	----	----	660	----
10	----	----	----	----	----	----	----	----	----	----	----	----
11	----	----	----	----	----	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	1940	----	----	----
13	----	----	820	----	----	----	----	----	----	----	----	----
14	----	----	----	----	1150	----	----	----	----	----	----	----
15	----	----	----	----	1700	----	----	1990	----	1080	----	----
16	----	700	----	----	----	----	----	----	----	----	570	----
17	----	----	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	----	----	----
19	----	----	----	----	----	----	----	----	----	----	----	----
20	----	----	----	----	----	----	----	2020	----	----	----	----
21	----	----	----	----	----	1860	----	----	----	----	----	----
22	----	----	----	----	----	----	----	----	----	980	----	----
23	----	----	----	----	----	----	----	2010	----	----	----	----
24	----	----	----	----	----	----	----	----	----	----	----	----
25	----	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	----	----	----	1960	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	1920	----	----	----	810	----	----
30	----	740	----	----	----	----	----	----	----	----	770	830
31	----	----	----	----	----	----	----	----	----	----	----	----

DISCHARGE IN SECOND-FEET OF DANSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.--Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	3	4	4	7	4
2	3	12	4	7	4
3	3	5	4	7	4
4	3	5	4	7	6
5	3	5	4	7	6
6	3	4	5	7	5
7	3	4	5	7	4
8	2	4	6	7	4
9	2	4	6	6	4
10	3	4	6	6	4
11	3	4	8	6	4
12	3	4	8	5	4
13	3	4	8	6	4
14	3	4	7	6	4
15	3	4	8	7	4
16	3	4	8	7	20
17	3	4	8	7	6
18	3	4	8	6	5
19	3	4	7	8	4
20	3	4	7	8	4
21	3	4	7	5	10
22	3	4	7	5	13
23	3	4	7	5	7
24	3	4	7	5	7
25	3	4	7	5	6
26	3	4	8	5	5
27	4	4	7	4	7
28	4	4	7	4	7
29	4	4	7	4	7
30	4	4	7	4	6
31	4	-	7	5	-
Mean	3	4	7	6	6
Max.	4	12	8	8	20
Min.	2	4	4	4	4
A.F.	190	260	400	370	360

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER
NEAR NORTHPORT--Sec. 20-20-50 W.
Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	2	4	4	16	27
2	6	5	5	10	14
3	3	4	4	11	14
4	10	4	9	7	10
5	65	3	5	7	27
6	5	4	5	7	26
7	6	5	5	12	17
8	3	9	4	10	20
9	3	5	4	12	13
10	7	8	4	11	12
11	4	6	6	10	60
12	4	6	6	11	16
13	11	11	7	9	14
14	7	11	8	8	21
15	8	8	9	8	13
16	8	6	7	9	13
17	6	6	5	9	13
18	5	7	7	12	13
19	5	15	5	19	15
20	5	13	9	14	16
21	5	5	12	15	22
22	5	4	13	10	70
23	4	4	18	10	32
24	4	6	20	14	26
25	6	5	16	14	18
26	5	4	11	14	14
27	5	4	10	14	12
28	4	4	9	14	11
29	3	32	15	14	15
30	3	4	17	14	35
31	4	-	13	20	-
Mean	7	7	9	13	21
Max.	65	32	20	20	70
Min.	2	3	4	7	10
A.F.	440	420	540	720	1250

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH AT NORTH PLATTE
 Net Flow into Sutherland Power Return--Sec. 16-13-30 W.
 Water Year Ending September 30, 1963

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT
 Sec. 19-20-50 W.--Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	30	28	14	7	14
2	29	31	13	7	13
3	29	30	12	7	12
4	29	28	11	7	13
5	34	28	11	7	13
6	34	27	10	7	13
7	30	26	10	7	12
8	28	24	9	8	12
9	28	23	9	8	13
10	28	23	7	8	13
11	27	23	8	7	13
12	27	23	8	7	15
13	27	22	8	7	15
14	27	21	9	7	14
15	31	20	10	7	16
16	35	22	9	8	20
17	32	21	9	8	19
18	31	21	8	9	17
19	30	20	9	11	17
20	30	20	7	11	17
21	29	19	7	11	22
22	28	18	8	11	28
23	28	18	8	12	25
24	28	18	7	12	23
25	28	18	7	12	22
26	27	17	7	13	22
27	26	16	7	13	20
28	26	16	7	14	19
29	24	15	7	13	19
30	26	14	7	13	18
31	35	--	7	13	--
Mean	29	22	9	9	17
Max.	35	31	14	14	28
Min.	24	14	7	7	12
A.F.	1790	1290	530	580	1010
Total May-Sept. 5200 A.F.					

Date	May	June	July	Aug.	Sept.
1	5	7	9	22	32
2	7	22	11	29	14
3	7	15	8	24	29
4	5	27	6	36	33
5	12	8	6	37	45
6	8	6	5	20	29
7	10	6	5	14	13
8	12	5	19	24	14
9	13	7	12	13	33
10	7	8	13	11	28
11	9	7	13	12	35
12	11	7	18	11	24
13	7	7	12	14	26
14	4	11	11	11	22
15	10	39	8	12	28
16	6	16	20	13	26
17	24	36	17	27	23
18	24	42	42	18	22
19	16	36	21	24	21
20	17	35	14	14	26
21	17	34	15	16	44
22	13	25	7	24	39
23	14	18	10	28	39
24	10	21	6	35	33
25	8	14	7	36	23
26	9	6	13	42	25
27	11	7	13	38	26
28	5	5	15	30	34
29	3	10	12	20	30
30	10	12	13	24	28
31	5	--	32	26	--
Mean	10	17	13	23	28
Max.	24	42	42	42	45
Min.	3	5	5	11	13
A.F.	630	990	820	1400	1670

OLIVER RESERVOIR STORAGE IN ACRES-FEET
 From Lodgepole Creek--Sec. 36-15-57 W.
 Water Year Ending September 30, 1963

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	2330	----	----	----	4220	----	----	----	----	----	----
2	----	----	----	----	----	----	----	----	----	2580	----	----
3	----	----	----	----	----	----	----	----	----	----	----	----
4	----	----	----	----	----	----	4580	----	4100	----	----	1220
5	1530	----	----	----	----	----	----	----	----	----	----	----
6	----	----	3210	----	----	----	----	----	----	----	----	----
7	----	2450	----	----	3730	----	----	4750	----	----	1160	----
8	----	----	----	3560	----	----	----	----	----	----	----	----
9	----	----	----	----	----	----	----	----	----	----	----	----
10	----	----	----	----	----	----	----	----	----	2080	----	1570
11	1550	----	----	----	----	----	----	----	3690	----	----	----
12	----	----	----	----	----	----	4650	----	----	----	----	----
13	----	----	----	----	----	4320	----	----	----	----	1020	----
14	----	----	----	----	----	----	4700	----	----	----	----	----
15	----	----	----	----	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	1650	----	----
17	----	----	----	----	----	----	4670	----	----	----	----	----
18	----	----	----	----	----	----	----	----	3740	----	----	1700
19	2080	----	----	----	----	----	----	----	----	----	850	----
20	----	----	----	----	----	----	----	----	----	----	----	----
21	----	2580	----	----	----	----	----	4710	----	----	----	----
22	----	----	----	----	----	4450	----	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----	----
24	2130	----	----	----	----	----	----	----	----	1670	----	1830
25	----	----	----	----	----	----	4690	----	----	----	----	----
26	----	----	----	----	----	----	----	----	3190	----	----	----
27	----	3170	----	----	----	----	----	----	----	----	1070	----
28	----	----	3260	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	----	1500	----	----
30	----	----	----	3680	----	----	4730	----	----	----	----	1960
31	----	----	----	----	----	----	----	----	----	----	----	----

DISCHARGE IN SECOND- FEET OF LODGEPOLE CREEK
BELOW OLIVER RESERVOIR AND NEW RUTTNER DIVERSION DAM
Sec. 31-15-56 W.--Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	1	7	6	9	3
2	2	8	6	9	3
3	2	8	6	9	3
4	1	8	6	9	2
5	2	8	6	9	3
6	2	7	6	1	2
7	3	8	11	1	3
8	4	7	10	4	6
9	4	8	3	4	3
10	6	8	5	3	3
11	4	7	6	6	3
12	6	8	6	8	3
13	6	9	9	8	3
14	4	8	9	8	3
15	6	8	9	7	3
16	6	5	7	3	1
17	6	4	7	4	1
18	7	4	4	3	1
19	7	4	4	3	1
20	6	4	3	5	1
21	6	4	2	5	4
22	6	4	2	2	3
23	6	2	2	4	3
24	6	4	1	4	3
25	6	6	2	6	3
26	6	8	4	7	2
27	10	7	6	7	3
28	7	6	6	7	3
29	8	8	6	6	3
30	7	8	7	3	2
31	8	-	9	3	-
Mean	5	6	6	5	3
Max.	10	9	11	9	6
Min.	1	2	1	1	1
A.F.	320	390	350	330	160

DISCHARGE IN SECOND- FEET OF LODGEPOLE CREEK
ABOVE BENNETT RESERVOIR--Sec. 29-15-55 W.
Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	3	0	0	4	3
2	3	0	0	3	1
3	3	0	0	3	3
4	3	1	0	0	3
5	0	1	0	7	3
6	0	1	0	1	2
7	0	0	0	0	0
8	4	0	0	0	4
9	0	0	2	0	18
10	0	1	3	0	5
11	0	1	2	0	3
12	0	1	2	0	3
13	0	1	3	0	2
14	0	1	4	1	3
15	0	1	3	4	3
16	0	0	3	3	0
17	0	2	3	1	0
18	0	2	4	0	1
19	3	2	4	0	1
20	1	0	4	0	0
21	0	1	70	0	19
22	0	0	6	0	16
23	1	0	7	1	17
24	1	0	2	3	16
25	2	0	3	3	12
26	1	0	4	0	11
27	1	0	4	0	9
28	1	0	4	0	9
29	1	0	39	0	9
30	0	0	4	0	8
31	0	-	4	1	-
Mean	1	1	6	1	6
Mean	3	2	70	7	19
Max.	0	0	0	0	0
A.F.	50	30	370	70	360

BENNETT RESERVOIR STORAGE IN ACRE- FEET
A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.
Water Year Ending September 30, 1963

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	891	----	----	----	----	----	1007	634	529	400	----
2	----	----	----	----	----	----	----	1004	629	524	400	----
3	----	----	----	----	----	----	----	1004	629	524	400	----
4	----	----	----	----	----	----	1092	1001	629	503	360	----
5	708	----	----	----	----	----	----	925	603	493	360	----
6	----	----	943	----	----	----	----	922	603	493	349	----
7	----	921	----	----	945	----	----	591	603	493	344	----
8	----	----	----	942	----	----	----	837	603	477	334	----
9	----	----	----	----	----	----	----	883	603	472	315	----
10	----	----	----	----	----	----	----	876	600	453	236	----
11	715	----	----	----	----	----	----	851	600	431	279	----
12	----	----	----	----	----	----	1114	826	594	423	279	----
13	----	----	----	----	----	969	----	784	570	390	279	----
14	----	----	----	----	----	----	----	768	570	385	272	----
15	----	----	----	----	----	----	----	735	568	349	272	----
16	----	----	----	----	----	----	----	729	568	349	264	----
17	----	----	----	----	----	----	1124	726	568	339	264	----
18	----	----	----	----	----	----	----	724	592	339	251	----
19	----	----	----	----	----	----	----	705	589	339	251	----
20	----	----	----	----	----	----	----	705	575	370	251	----
21	----	934	----	----	----	----	----	692	572	423	245	----
22	----	----	----	----	----	----	----	692	570	400	208	----
23	----	----	----	----	----	----	----	692	568	429	208	174
24	----	----	----	----	----	----	----	679	568	426	208	201
25	----	----	----	----	----	----	1114	679	563	431	208	201
26	----	----	----	----	----	----	----	679	560	431	208	202
27	----	950	950	----	----	----	----	679	558	426	194	208
28	----	----	----	----	----	----	----	666	558	423	130	208
29	----	----	----	----	----	----	----	663	540	423	----	209
30	----	----	----	----	----	----	1020	653	534	423	----	248
31	----	----	----	----	----	----	----	639	----	400	----	----

DISCHARGE IN SECOND- FEET OF LODGEPOLE CREEK
 BELOW BENNETT RESERVOIR--Sec. 22-15-55 W.
 Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	4
2	0	0	0	0	3
3	0	0	0	0	2
4	0	0	0	0	1
5	0	0	0	0	1
6	0	0	0	0	1
7	0	0	0	0	1
8	0	0	0	0	1
9	0	0	0	0	3
10	0	0	0	0	3
11	0	0	0	0	3
12	0	0	0	0	3
13	0	0	0	0	2
14	0	0	0	0	2
15	0	0	0	0	1
16	0	0	0	0	1
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	5
22	0	0	0	0	5
23	0	0	0	0	5
24	0	0	0	0	5
25	0	0	0	0	5
26	0	0	0	0	5
27	0	0	0	10	5
28	0	0	0	8	5
29	0	0	0	7	5
30	0	0	0	6	4
31	0	-	0	5	-
Mean	0	0	0	1	3
Max.	0	0	0	10	5
Min.	0	0	0	0	0
A.F.	0	0	0	70	160

BOX BUTTE RESERVOIR STORAGE IN ACRE- FEET
 From Niobrara River--Sec. 28-29-49 W.
 Live Storage for Irrigation
 Water Year Ending September 30, 1963

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	-----	-----	-----	15710	-----	-----	23970	22210	-----	11740	-----
2	-----	-----	11710	-----	-----	-----	-----	-----	-----	20970	-----	-----
3	-----	-----	-----	-----	-----	-----	22080	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	10070	-----	-----	-----	-----	-----	24160	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	-----	-----	19640	22570	-----	23020	-----	-----	-----
11	-----	10330	-----	-----	16800	-----	-----	-----	-----	-----	9660	7250
12	-----	-----	12510	-----	-----	-----	-----	-----	-----	15640	-----	-----
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
16	-----	-----	-----	-----	-----	-----	-----	24250	-----	-----	-----	8130
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	-----	-----	-----	-----	-----	-----	23180	-----	-----	-----	-----	-----
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	9550	-----	-----	-----	-----	20480	-----	24310	-----	-----	7560	-----
21	-----	-----	13260	15080	17840	-----	-----	-----	23600	-----	-----	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	13850	-----	-----
24	-----	-----	-----	-----	-----	-----	-----	23580	-----	-----	-----	7570
25	-----	-----	-----	-----	-----	-----	-----	-----	23570	-----	-----	-----
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6960	-----
27	-----	-----	-----	-----	18640	-----	-----	-----	-----	12430	-----	-----
28	-----	-----	-----	-----	-----	21660	-----	-----	-----	-----	-----	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	13840	-----	-----	-----	-----	-----	22220	-----	-----	7450
31	-----	-----	-----	-----	-----	-----	-----	22210	-----	-----	7220	-----

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR
MELBETA--Sec. 13-21-54 W.
Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	2	18	17	8	12
2	3	20	17	7	12
3	3	26	8	7	10
4	2	12	19	7	10
5	2	12	21	2	10
6	2	12	5	3	14
7	1	8	8	2	12
8	1	8	13	1	10
9	1	18	14	1	11
10	13	4	6	1	15
11	32	17	8	1	13
12	21	8	10	3	11
13	19	18	12	1	9
14	16	13	14	1	14
15	10	40	15	1	13
16	11	50	11	4	15
17	12	3	12	8	15
18	11	2	6	4	20
19	10	2	5	7	14
20	7	2	8	8	11
21	15	2	14	7	11
22	22	2	16	11	19
23	26	2	12	6	20
24	14	12	14	8	25
25	20	2	9	10	38
26	21	2	17	10	26
27	16	19	19	9	20
28	16	17	20	6	5
29	17	22	14	10	14
30	30	17	16	8	10
31	50	--	14	9	--
Mean	14	13	13	6	15
Max.	50	50	21	11	38
Min.	1	2	5	1	5
A.F.	640	750	780	340	870

DISCHARGE IN SECOND FEET OF SILVERNAIL DRAIN
NEAR BRIDGEPORT--Sec. 6-19-49 W.
Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	4	4	6	10	18
2	6	12	5	10	14
3	37	9	4	10	23
4	23	18	11	10	21
5	37	20	13	13	25
6	11	16	6	10	17
7	11	16	5	7	17
8	4	13	11	7	17
9	1	21	13	7	17
10	4	26	11	7	17
11	7	20	6	7	11
12	11	6	6	10	13
13	7	14	6	7	6
14	14	29	14	9	8
15	8	31	12	7	8
16	9	23	15	7	10
17	19	7	11	7	11
18	15	15	9	11	11
19	13	25	11	12	10
20	5	28	7	11	20
21	5	20	7	12	15
22	4	18	7	10	19
23	15	19	9	12	15
24	20	20	7	19	17
25	16	6	7	12	17
26	10	4	10	20	19
27	8	3	9	10	7
28	4	3	9	13	17
29	4	6	8	16	16
30	4	9	6	20	13
31	4	-	6	20	--
Mean	11	15	9	11	15
Max.	37	31	15	20	25
Min.	1	3	4	7	6
A.F.	670	920	530	680	890

DISCHARGE IN SECOND-FEET OF STREVER CREEK
Sec. 1-8-20 W.--Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	19	9	10	6	12
2	13	11	6	5	20
3	12	134	5	3	11
4	12	128	5	4	15
5	12	57	6	4	20
6	13	31	6	4	17
7	12	25	5	4	16
8	12	28	5	4	13
9	13	26	6	7	12
10	12	25	6	4	14
11	12	25	3	10	11
12	12	25	4	11	4
13	12	25	3	11	4
14	11	31	4	10	3
15	12	27	20	11	3
16	13	31	18	10	3
17	11	31	11	8	5
18	13	32	10	10	21
19	13	32	6	25	11
20	12	39	5	25	7
21	12	40	8	24	13
22	12	24	5	15	37
23	12	22	11	16	47
24	12	21	6	13	31
25	12	22	2	12	20
26	11	21	3	11	14
27	12	21	1	8	13
28	12	18	2	8	9
29	12	10	2	10	8
30	11	10	6	7	7
31	9	--	10	12	-
Mean	12	33	6	10	14
Max.	19	134	20	25	47
Min.	9	9	1	3	3
A.F.	750	1940	400	620	840

DISCHARGE IN SECOND-FEET OF WHITE HORSE CREEK
Sec. 5-13-29 W.--Water Year Ending September 30, 1963

Date	May	June	July	Aug.	Sept.
1	17	84	7	5	12
2	16	61	7	4	11
3	16	49	6	4	11
4	16	46	6	5	11
5	19	25	6	7	10
6	21	21	6	7	9
7	19	17	6	7	9
8	16	15	7	7	9
9	14	15	7	7	11
10	14	16	7	7	12
11	13	14	7	7	11
12	13	14	11	7	12
13	14	14	10	7	12
14	14	13	8	6	11
15	24	11	10	6	13
16	28	17	10	6	41
17	26	26	8	6	28
18	26	22	8	10	21
19	24	17	8	13	17
20	18	16	8	11	14
21	17	14	8	10	23
22	16	13	8	8	37
23	15	12	8	8	34
24	14	11	8	10	26
25	15	11	6	9	21
26	15	10	6	9	18
27	15	9	6	9	17
28	15	8	7	10	17
29	15	7	7	10	15
30	21	7	5	10	14
31	76	-	5	10	--
Mean	19	20	7	8	17
Max.	76	84	11	13	37
Min.	13	7	5	4	9
A.F.	1194	1220	450	480	1010

WHITNEY RESERVOIR STORAGE IN ACRE-FEET
 From White River--Sec. 34-33-51 W.
 Water Year Ending September 30, 1963

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	7930	---	---	---	---	---	---	---
2	---	---	---	---	---	---	9730	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	7430	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	5100	---
6	---	---	6380	---	---	8330	---	10110	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	5180	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	8660	---	---	2490
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	7420	---	---
13	---	---	6540	---	---	9030	---	---	---	---	---	---
14	---	---	---	---	8270	---	---	---	---	---	---	---
15	5060	---	---	---	---	---	9390	---	---	---	---	---
16	---	5770	---	---	---	---	---	---	---	---	---	2450
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	9860	9030	---	---	---
21	---	---	---	7810	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	6370	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	5030	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	8490	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	3080	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	2530
---	---	---	---	---	---	---	---	---	---	---	---	---

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DAILY DIVERSION OF CANALS 1963

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DAILY DIVERSIONS OF CANALS--1963

ALLIANCE CANAL from Bayard Sugar Factory Drain
Measured through Parshall Flume--Sec. 4-20-52 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	23	0	23	25	38
2	0	24	0	23	25	33
3	0	24	0	21	20	31
4	0	27	0	21	17	32
5	0	27	0	21	16	31
6	0	30	0	20	16	23
7	0	31	0	20	16	13
8	0	32	0	20	15	12
9	0	30	0	21	16	17
10	0	30	0	22	14	18
11	0	31	0	20	14	20
12	0	31	0	20	15	19
13	0	34	0	18	17	20
14	0	31	0	19	16	22
15	0	31	0	20	17	23
16	0	32	0	20	17	25
17	0	33	0	20	15	27
18	9	32	0	20	17	29
19	16	32	14	11	17	25
20	16	31	21	20	16	28
21	15	28	21	21	17	34
22	15	29	21	20	19	38
23	15	29	18	21	19	35
24	16	30	18	21	21	25
25	15	31	19	21	24	4
26	15	32	20	24	24	0
27	15	30	23	26	26	0
28	15	30	23	27	27	0
29	18	9	24	27	30	0
30	20	1	22	24	32	0
31	--	13	--	24	37	-
Mean	7	28	8	21	20	21
Max.	20	34	24	27	37	38
Min.	0	1	0	11	14	0
A.F.	400	1700	480	1300	1220	1240

Water diverted 6340 A.F.
Acreage reported D-874, 1035 (A-1776 O.D.) 2106

ALLIANCE CANAL from Red Willow Creek--Measured
through rating flume--Sec. 6-20-51 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	32	11	0	23	25	36	54	16
2	29	12	0	22	33	38	56	29
3	31	11	0	26	32	42	53	38
4	30	11	0	34	23	40	57	39
5	29	10	0	41	0	38	56	43
6	24	6	0	32	0	32	53	37
7	14	0	0	26	0	33	54	37
8	24	0	0	27	0	39	58	43
9	25	0	0	30	0	39	53	47
10	26	0	0	36	0	45	52	50
11	25	0	13	40	3	46	49	47
12	20	0	27	42	6	47	51	46
13	19	0	27	43	12	47	51	44
14	17	0	27	44	9	46	49	40
15	19	0	28	45	6	44	48	41
16	15	0	20	50	25	42	54	45
17	14	0	18	36	41	41	58	45
18	13	0	40	46	44	40	64	44
19	13	0	52	46	43	40	62	44
20	13	0	48	47	48	44	67	47
21	12	0	46	45	42	46	67	39
22	12	0	38	42	37	44	70	36
23	11	0	36	40	37	43	69	33
24	11	0	29	36	47	46	67	31
25	11	0	20	37	35	46	62	30
26	11	0	20	36	37	46	57	32
27	11	0	22	37	36	50	52	39
28	11	0	25	49	33	38	52	42
29	11	0	26	48	33	0	52	39
30	11	0	24	40	32	22	49	34
31	11	-	--	0	--	48	48	--
Mean	18	2	20	37	24	40	56	39
Max.	32	12	52	50	48	50	70	50
Min.	11	0	0	0	0	0	48	16
A.F.	1100	120	1170	2270	1430	2480	3460	2330

Water diverted 14360 A.F.
Acreage reported D-874, 1035 (A-1429 O.D.)-4022; A-1181-80; A-1432-80; A-1436-13, Total-4200

DAILY DIVERSIONS OF CANALS--1963
ATKINS-POLLY CANAL from Lodgepole Creek
Measured through rating flume--Sec. 30-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	1	0	0
2	0	0	2	0	0
3	0	0	2	0	0
4	0	0	2	2	0
5	0	0	2	2	0
6	0	0	1	2	0
7	1	0	1	1	0
8	1	0	2	1	0
9	1	0	2	2	0
10	1	0	2	1	0
11	1	0	2	1	0
12	2	0	2	2	0
13	2	0	2	2	0
14	3	0	2	2	0
15	3	0	2	0	0
16	3	0	2	0	0
17	0	0	2	0	0
18	3	0	2	0	0
19	0	0	2	0	0
20	0	0	2	0	0
21	0	0	4	0	0
22	0	0	4	0	0
23	0	0	2	0	0
24	0	0	0	0	2
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	2	0	0	0
31	0	-	0	0	-
Mean	1	0	2	1	0
Max.	3	2	4	2	2
Min.	0	0	0	0	0
A.F.	40	0	100	40	0

Water diverted 180 A.F.
Acreage reported D-342-55; D-344-30;
A-897R-8; A-4531-50; Total-143

DAILY DIVERSIONS OF CANALS--1963
BARTLEY CANAL from Republican River--Measured
through 8-foot Parshall flume--Sec. 17-3-27 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	10	50	66	24
2	11	0	0	68	63	20
3	11	0	0	87	65	18
4	12	0	0	98	66	16
5	12	0	0	103	72	18
6	12	0	0	115	85	23
7	12	0	8	124	96	21
8	12	0	24	131	100	20
9	12	15	20	136	102	17
10	11	26	20	135	100	13
11	11	10	19	128	100	4
12	9	10	18	128	63	0
13	8	24	17	127	23	0
14	7	24	17	120	20	0
15	2	22	18	118	18	0
16	0	26	20	110	16	0
17	0	32	17	111	16	0
18	0	36	13	111	16	0
19	0	36	8	111	13	0
20	0	22	6	108	11	0
21	0	18	5	108	10	0
22	0	20	5	110	9	0
23	0	20	4	110	9	0
24	0	19	4	112	3	0
25	0	20	5	114	0	0
26	0	20	12	112	8	0
27	0	20	19	105	16	0
28	0	19	21	104	20	0
29	0	20	28	93	26	0
30	0	19	32	76	26	0
31	0	19	--	68	26	--
Mean	5	16	12	107	41	6
Max.	15	36	32	136	102	24
Min.	0	0	0	50	0	0
A.F.	310	990	730	6610	2510	380

Water diverted 11530 A.F.
Supplemental storage included
Acreage reported A-3869dR-6212; A-6217-247;
Total-6459

DAILY DIVERSIONS OF CANALS--1963
 BEERLINE CANAL from North Platte River
 Measured through rating flume--Sec. 24-19-49 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	4	3	0	7	4
2	2	1	3	0	3	1
3	3	8	3	0	2	1
4	4	10	2	0	1	1
5	3	11	2	0	2	1
6	1	13	2	0	2	1
7	1	19	1	0	2	2
8	1	16	0	0	2	2
9	1	13	0	5	2	2
10	1	10	0	8	2	3
11	1	11	0	10	7	2
12	1	10	0	10	11	2
13	0	10	0	9	10	1
14	0	11	0	12	11	0
15	0	11	2	12	12	0
16	0	17	3	13	12	0
17	0	15	2	11	14	0
18	0	12	3	11	11	0
19	0	5	3	8	10	0
20	0	5	4	6	12	0
21	0	4	5	6	11	1
22	0	1	4	11	11	3
23	0	1	4	10	13	3
24	0	2	7	7	10	4
25	0	2	11	7	8	5
26	0	2	8	7	9	8
27	0	3	6	8	9	10
28	0	3	2	8	7	6
29	0	3	1	8	6	4
30	0	6	0	7	7	4
31	0	7	-	6	11	-
Mean	1	8	3	6	8	2
Max.	4	19	11	13	14	10
Min.	0	1	0	0	1	0
A.F.	40	490	160	400	470	140

Water diverted 1700 A.F.; Natural 900 A.F.;
 Storage 800 A.F.

Acresage reported D-887-2080

DAILY DIVERSIONS OF CANALS--1963
 BELMONT CANAL from North Platte River--Measured
 through 15-foot Parshall flume--Sec. 18-20-51 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	68	0	46	44	131	112	59
2	64	0	75	29	130	115	56
3	55	0	76	24	128	114	54
4	54	0	90	20	125	117	40
5	22	0	94	23	117	114	46
6	0	0	97	77	101	114	66
7	0	0	89	33	92	114	63
8	0	0	96	69	92	113	64
9	0	0	101	59	119	111	76
10	0	0	109	63	133	118	89
11	0	0	120	50	123	108	92
12	0	0	117	43	113	114	100
13	0	0	118	45	113	111	114
14	0	0	120	68	111	114	106
15	0	0	117	37	115	115	99
16	0	0	113	33	113	106	99
17	0	0	125	42	112	115	99
18	0	0	125	18	109	114	99
19	0	0	124	37	111	108	104
20	0	0	119	52	113	112	108
21	0	0	119	51	111	113	83
22	0	0	106	48	112	114	58
23	0	0	66	55	114	108	52
24	0	0	67	71	115	108	47
25	0	0	72	86	113	103	40
26	0	16	49	100	112	112	35
27	0	15	86	119	115	101	29
28	0	12	90	124	113	100	9
29	0	11	90	124	117	104	0
30	0	8	82	122	113	99	0
31	0	-	69	---	112	89	-
Mean	8	2	96	60	114	110	66
Max.	68	16	125	124	133	118	114
Min.	0	0	46	18	82	89	0
A.F.	520	120	5900	3600	7020	6760	3940

Water diverted 27860 A.F.

DAILY DIVERSIONS OF CANALS--1963
 BELMONT CANAL from Cedar Creek
 Measured through rating flume--Sec. 23-18-48 W.

Date	May	June	July	Aug.	Sept.
1	0	8	8	8	8
2	0	8	8	8	8
3	0	8	7	8	7
4	0	8	7	8	7
5	0	8	7	8	6
6	0	8	8	8	6
7	0	8	8	8	6
8	0	7	8	8	6
9	0	5	8	9	6
10	0	2	8	9	7
11	0	0	8	9	7
12	0	0	9	9	7
13	0	1	9	8	8
14	7	1	9	9	8
15	7	0	8	8	8
16	7	0	8	9	9
17	7	0	8	8	9
18	6	0	7	8	9
19	6	0	7	8	9
20	6	4	7	8	9
21	6	8	7	8	9
22	6	8	7	8	9
23	6	8	7	7	9
24	6	8	7	7	4
25	6	8	8	7	0
26	6	8	8	7	0
27	7	8	8	8	0
28	7	8	9	8	0
29	7	8	9	8	0
30	7	8	8	8	0
31	7	-	8	8	-
Mean	4	5	8	8	6
Max.	7	8	9	9	9
Min.	0	0	7	7	0
A.F.	230	310	430	500	360

Water diverted 1880 A.F.

DAILY DIVERSIONS OF CANALS--1963

BELMONT CANAL
Summary in Acre-feet--1963

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River...	520	120	5900	3600	7020	6760	3940	27860
Cedar Creek.....	0	0	230	310	480	500	360	1880
Total diversion.....	520	120	6130	3910	7500	7260	4300	29740

Water diverted 29740 A.F.
Acreage reported D-828-14351

DAILY DIVERSIONS OF CANALS--1963
BELMONT SPILL into Pumpkinseed Creek
For D-828 lands via Meredith-Ammer Canal
Measured through 12-foot weir--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	3	0	0	0	0
2	18	0	0	0	0
3	9	0	0	0	0
4	1	0	0	0	0
5	1	0	0	0	0
6	1	0	0	0	0
7	1	11	0	0	0
8	1	17	0	0	0
9	3	16	0	0	0
10	2	16	0	0	0
11	1	15	0	0	0
12	1	11	0	0	0
13	1	11	0	0	0
14	1	8	0	0	0
15	1	5	0	0	0
16	1	0	0	0	0
17	1	0	0	0	0
18	0	0	0	0	0
19	0	1	0	0	0
20	0	1	0	0	0
21	0	1	0	0	0
22	3	1	0	0	0
23	7	1	0	0	0
24	1	18	0	0	0
25	1	27	0	0	0
26	1	16	0	0	0
27	1	8	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	-
Mean	2	6	0	0	0
Max.	18	27	0	0	0
Min.	0	0	0	0	0
A.F.	120	360	0	0	0

Water returned 480 A.F.

DAILY DIVERSIONS OF CANALS--1963
BENNETT CANAL from Lodgepole Creek
Measured through rating flume--Sec. 22-15-55 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	6	1	0	2	0
2	0	6	1	0	2	0
3	0	6	1	0	1	0
4	0	6	0	0	1	0
5	0	5	0	0	2	0
6	0	5	0	0	2	0
7	0	5	0	0	2	0
8	0	5	2	0	2	0
9	0	5	2	5	1	0
10	0	5	2	5	2	0
11	0	5	2	5	2	0
12	0	5	2	5	2	0
13	0	5	2	5	0	0
14	0	5	2	3	0	0
15	0	5	2	4	0	0
16	0	5	2	3	1	0
17	0	1	2	3	2	0
18	0	1	1	3	2	0
19	0	1	1	3	0	0
20	0	1	0	3	0	0
21	0	2	2	3	0	0
22	0	2	0	2	0	0
23	0	2	0	3	1	0
24	0	2	0	3	0	0
25	0	2	0	3	0	0
26	0	2	0	3	0	0
27	0	1	0	3	0	0
28	0	1	0	3	0	0
29	0	2	0	2	0	0
30	6	1	0	2	0	0
31	-	2	-	2	0	-
Mean	0	3	1	2	1	0
Max.	6	6	2	5	2	0
Min.	0	1	0	0	0	0
A.F.	10	220	50	150	50	0

Water diverted 480 A.F.
Acreage reported A-691-86; A-1975(storage)-418;
Total-504

DAILY DIVERSIONS OF CANALS--1963
 BENNETT-KAY CANAL from Niobrara River
 Measured through rating flume--Sec. 1-28-54 W.

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

Water diverted 0 A.F.
 Acreage reported A-1249-241

DAILY DIVERSIONS OF CANALS--1963
 BICKEL-FADEN CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 30-15-55 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	1	0	0	2
2	0	0	1	0	0	2
3	0	0	1	0	0	2
4	0	0	0	0	3	2
5	0	1	1	2	3	1
6	0	1	1	2	3	1
7	0	1	1	2	2	1
8	0	1	1	2	2	1
9	0	1	1	2	0	3
10	0	1	1	2	2	2
11	0	1	1	2	2	2
12	3	1	1	2	3	2
13	3	1	1	2	3	2
14	3	1	1	2	2	1
15	3	1	1	2	2	1
16	3	1	1	2	2	0
17	0	1	1	2	2	0
18	0	1	0	2	2	1
19	0	1	1	2	2	1
20	0	1	1	2	2	1
21	0	1	1	3	2	1
22	0	1	1	0	2	1
23	0	1	0	0	2	1
24	0	1	0	0	2	1
25	0	1	0	0	2	1
26	0	1	0	0	2	1
27	0	1	0	0	1	1
28	0	1	0	0	2	1
29	0	1	0	0	2	1
30	0	1	0	0	1	1
31	-	1	-	0	2	-
Mean	1	1	1	1	2	1
Max.	3	1	1	3	3	3
Min.	0	0	0	0	0	0
A.F.	30	50	40	70	110	80

Water diverted 380 A.F.
 Acreage reported D-347-22; A-719-61; A-724-8;
 Total-91

DAILY DIVERSIONS OF CANALS--1963
 BIGELOW-SEYMOUR CANAL from Niobrara River
 Measured through rating flume--Sec. 19-31-57 W.

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

Water diverted 20 A.F.
 Acreage reported D-510-45

DAILY DIVERSIONS OF CANALS--1963
 BIRDWOOD CANAL from Birdwood Creek--Measured
 through 8-foot Parshall flume--Sec. 35-15-33 W.

Date	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	7	12	28	0	30	37	37	42
2	7	4	28	0	28	39	37	25
3	7	8	29	0	25	37	36	19
4	7	13	30	0	22	36	41	19
5	9	13	26	0	26	38	41	18
6	16	15	25	0	26	37	38	18
7	12	15	28	0	26	37	34	17
8	8	16	30	0	28	36	34	17
9	5	19	29	0	32	38	37	32
10	0	21	26	0	30	41	35	15
11	4	16	0	0	23	41	34	10
12	7	1	0	0	22	40	38	12
13	11	5	0	0	22	30	36	12
14	12	21	0	0	22	21	32	11
15	12	19	0	12	29	38	32	12
16	10	20	0	26	19	34	32	20
17	12	21	0	26	6	32	30	15
18	15	22	0	26	16	32	22	14
19	16	23	0	29	25	33	26	14
20	17	25	0	29	23	32	24	14
21	17	26	0	29	32	30	23	22
22	18	26	0	30	32	31	29	23
23	17	28	0	32	33	30	32	14
24	16	28	0	35	34	34	31	14
25	14	28	0	35	35	35	32	12
26	15	28	0	38	36	33	32	12
27	16	29	0	38	37	37	34	11
28	15	28	0	37	37	38	32	11
29	15	28	0	36	36	36	37	10
30	16	30	0	36	36	35	38	10
31	15	--	0	25	--	36	38	--
Mean	12	20	9	17	28	35	33	16
Max.	18	30	30	38	37	41	41	42
Min.	0	1	0	0	6	21	22	10
A.F.	730	1170	550	1030	1640	2150	2050	980

Water diverted 10300 A.F.
 Acreage reported D-646-5287

DAILY DIVERSIONS OF CANALS--1963
 BLUE CREEK CANAL from Blue Creek--Measured
 through 8-foot Parshall Flume--Sec. 33-17-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	23	0	9	35	35	19
2	23	0	7	41	35	14
3	19	0	5	44	35	12
4	16	0	5	45	38	0
5	16	0	4	47	37	0
6	13	0	5	47	32	6
7	9	0	7	46	34	21
8	8	0	7	46	35	22
9	7	0	7	40	35	22
10	5	0	22	39	34	27
11	0	0	13	38	33	33
12	0	0	12	38	33	35
13	0	0	10	38	33	35
14	0	9	10	37	33	34
15	0	21	14	37	34	30
16	0	40	22	38	36	25
17	0	40	20	36	35	18
18	0	37	20	37	37	18
19	0	38	32	34	25	18
20	0	37	33	32	18	18
21	0	36	34	32	18	22
22	0	37	38	34	28	28
23	0	36	37	33	32	25
24	0	36	36	34	9	23
25	0	36	36	35	0	18
26	0	35	39	35	11	17
27	0	34	40	35	32	17
28	0	30	38	35	29	16
29	0	28	35	34	40	2
30	0	29	35	34	38	0
31	0	26	—	34	37	—
Mean	4	19	21	38	30	19
Max.	23	40	40	47	40	35
Min.	0	0	4	32	0	0
A.F.	280	1160	1250	2320	1870	1140

Water diverted 8020 A.F.
 Crescent Lake Storage included
 Acreage reported D-785-2549; D-795-339;
 A-1154-30; Total-2918

DAILY DIVERSIONS OF CANALS--1963
 BOELUS POWER CANAL from Middle Loup River
 Measured through power wheels--Sec. 27-13-12 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	611	618	577	0	277	327	505	555	242	26	486	565
2	285	352	591	125	243	276	486	521	398	0	544	316
3	608	630	598	301	63	438	521	235	469	0	502	281
4	414	626	591	330	111	0	548	467	443	0	494	580
5	580	622	183	333	256	0	335	456	415	0	505	576
6	598	626	0	343	269	247	486	433	394	0	541	572
7	595	622	334	211	256	252	483	420	312	0	284	565
8	584	348	483	0	285	259	492	339	149	0	513	562
9	598	587	0	0	290	281	519	350	290	0	508	580
10	594	601	0	0	269	279	537	200	287	0	506	33
11	316	594	0	0	243	467	321	354	282	0	494	307
12	594	580	0	0	247	467	562	398	452	87	240	594
13	594	584	11	0	281	369	548	362	412	301	501	601
14	591	314	71	0	256	486	548	429	339	281	475	544
15	587	601	203	0	186	280	498	548	225	314	429	475
16	601	615	159	0	285	552	534	501	427	321	402	472
17	601	604	0	0	294	435	200	264	530	297	386	416
18	598	608	0	59	310	514	400	406	562	244	382	207
19	341	181	200	188	331	535	180	382	490	240	433	20
20	611	344	0	231	354	532	519	390	48	240	390	0
21	601	587	0	247	358	526	530	378	331	200	374	0
22	601	584	0	231	374	284	475	343	321	0	179	34
23	604	314	0	235	354	523	486	326	314	0	346	433
24	601	584	0	179	273	519	505	306	252	0	350	452
25	601	468	0	273	343	530	523	166	285	0	354	232
26	598	577	121	273	382	555	331	290	265	0	220	0
27	331	377	169	243	413	541	562	323	244	0	370	0
28	611	300	298	243	437	508	576	291	108	0	400	0
29	611	608	15	269	---	282	580	305	46	0	230	0
30	608	608	0	281	---	516	562	376	58	260	585	0
31	615	---	0	277	---	510	---	456	---	421	551	---
Mean	558	522	149	157	287	396	478	373	313	104	419	314
Max.	615	630	598	343	437	555	580	555	562	421	585	601
Min.	285	181	0	0	63	0	180	166	46	0	179	0
A.F.	34280	31070	9130	9660	15950	24380	28470	22950	18620	6410	25730	18680

Total acre-feet 245300 A.F.

DAILY DIVERSIONS OF CANALS--1963
 BROWNS CREEK CANAL from North Platte River
 Measured through Parshall flume--Sec. 28-20-50 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	8	0	42	55	72	21		
2	0	0	36	77	62	0		
3	0	30	30	74	63	0		
4	0	54	27	76	56	0		
5	0	50	25	69	51	0		
6	0	54	24	80	48	0		
7	0	58	24	77	48	0		
8	0	58	27	81	48	0		
9	0	62	17	93	45	0		
10	0	75	0	93	43	12		
11	0	74	0	65	43	24		
12	0	74	0	71	58	20		
13	0	76	7	75	32	19		
14	0	76	16	63	75	48		
15	0	57	13	58	81	48		
16	0	47	0	57	81	48		
17	0	75	7	63	79	48		
18	0	76	13	55	83	34		
19	0	65	11	46	84	40		
20	0	64	14	59	87	40		
21	0	62	27	72	76	44		
22	0	53	30	68	81	16		
23	0	51	25	63	73	16		
24	0	50	20	69	57	21		
25	0	53	69	78	58	24		
26	0	53	58	77	53	24		
27	0	50	64	78	49	0		
28	0	49	74	82	46	0		
29	0	48	73	78	44	0		
30	0	37	61	73	45	0		
31	0	51	--	74	57	--		
Mean	0	54	28	71	61	18		
Max.	8	76	74	93	87	48		
Min.	0	0	0	55	43	0		
A.F.	20	3340	1660	4360	3720	1080		

Water diverted 14180 A.F.
 Acreage reported D-857, 1033-6058

DAILY DIVERSIONS OF CANALS--1963
 CAMBRIDGE CANAL from Republican River
 Measured through 15-foot Parshall flume--Sec. 27-4-25 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	36	0	52	259	221	24		
2	25	0	46	335	224	47		
3	25	2	41	350	227	49		
4	25	11	12	345	227	50		
5	20	14	0	345	246	51		
6	17	9	0	349	266	49		
7	17	26	0	354	275	45		
8	17	78	0	357	251	45		
9	16	92	0	358	242	35		
10	15	101	33	347	220	0		
11	10	108	107	342	223	0		
12	10	86	56	328	106	0		
13	3	86	49	317	61	0		
14	0	98	55	313	54	0		
15	0	106	60	272	56	0		
16	0	108	53	249	57	0		
17	0	94	52	230	58	0		
18	0	86	49	221	59	0		
19	0	84	45	208	44	0		
20	0	83	44	193	38	0		
21	0	67	40	203	34	0		
22	0	61	49	229	34	0		
23	0	61	55	242	13	0		
24	0	62	62	253	0	0		
25	0	51	76	257	0	0		
26	0	50	87	254	0	0		
27	0	47	102	247	18	0		
28	0	32	148	238	0	0		
29	0	47	193	236	0	0		
30	0	51	203	230	0	0		
31	0	52	---	247	0	--		
Mean	8	60	59	281	105	13		
Max.	36	108	203	358	275	51		
Min.	0	0	0	193	0	0		
A.F.	470	3680	3510	17270	6450	780		

Water diverted 32160 A.F.
 Supplemental storage included
 Acreage reported A-3869e-14954; A-6218-397;
 A-9479-220; A-9763-131; Total-15702

DAILY DIVERSIONS OF CANALS--1963
 CASTLE ROCK-STEAMBOAT CANAL from North Platte River
 Measured through rating flume--Sec. 14-21-54 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	44	17	0	42	0	84	73	69
2	45	17	0	41	0	83	73	68
3	44	16	0	35	51	80	72	68
4	42	10	0	48	76	71	73	67
5	40	0	0	65	75	85	74	67
6	39	0	0	61	76	89	76	66
7	32	0	0	58	75	91	74	63
8	31	0	0	66	83	91	74	62
9	29	0	0	76	78	90	73	66
10	28	0	0	89	74	90	74	63
11	27	0	0	90	69	91	75	66
12	26	0	0	86	72	83	73	68
13	26	0	0	89	70	80	73	69
14	25	0	0	87	68	82	72	68
15	25	0	0	87	0	81	74	66
16	25	0	0	89	0	80	76	66
17	25	0	0	86	0	81	80	66
18	25	0	0	85	0	81	80	65
19	24	0	0	85	0	80	80	65
20	24	0	0	85	52	80	79	65
21	24	0	0	85	70	80	77	62
22	22	0	0	83	67	82	77	54
23	22	0	0	80	64	83	77	50
24	21	0	0	82	57	83	76	55
25	20	0	24	80	68	82	73	59
26	20	0	45	78	59	83	70	58
27	20	0	46	76	55	66	75	57
28	19	0	44	73	50	72	79	56
29	19	0	43	66	58	71	84	54
30	19	0	41	6	75	70	83	54
31	18	--	--	0	--	69	78	--
Mean	27	2	8	69	51	81	76	63
Max.	45	17	46	90	93	91	84	69
Min.	18	0	0	0	0	66	70	50
A.F.	1690	120	480	4280	3060	4990	4660	3730

Water diverted 23010 A.F.
 Acreage reported D-921-6017; A-186R-471; A-350R-50;
 Total-6538

DAILY DIVERSIONS OF CANALS--1963
 CENTRAL CANAL from North Platte River
 Measured through rating flume--Sec. 36-22-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	15	26	15
2	0	0	14	26	0
3	0	0	16	27	0
4	0	0	16	24	0
5	0	0	17	23	0
6	0	0	18	25	0
7	0	0	19	25	0
8	0	0	22	26	11
9	0	0	21	27	18
10	0	0	22	27	14
11	0	0	23	25	18
12	0	0	24	28	21
13	0	0	23	30	21
14	0	0	24	31	21
15	0	0	24	30	17
16	11	0	24	29	16
17	19	0	25	27	16
18	19	0	28	25	16
19	20	0	28	25	16
20	22	0	27	25	11
21	17	0	26	24	0
22	0	0	27	25	0
23	0	5	28	24	0
24	15	5	28	22	0
25	21	8	27	22	0
26	19	8	27	21	0
27	21	7	26	22	0
28	17	9	27	19	0
29	13	12	27	18	0
30	23	12	26	14	0
31	0	--	26	11	--
Mean	8	2	23	24	8
Max.	23	12	28	31	21
Min.	0	0	14	11	0
A.F.	470	130	1440	1490	460

Water diverted 3990 A.F.
 Acreage reported D-926-2088

DAILY DIVERSIONS OF CANALS--1963
 CHAMPION CANAL from Frenchman River
 Measured through rating flume--Sec. 23-6-40 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	17	8	14	3	4
2	0	17	6	13	5	4
3	0	17	6	5	5	4
4	0	17	7	6	5	4
5	0	18	6	5	5	4
6	0	18	6	5	4	4
7	0	16	6	4	5	3
8	0	10	12	4	5	6
9	0	9	13	4	5	11
10	0	8	13	5	5	12
11	0	8	13	9	5	12
12	0	8	13	21	5	12
13	0	11	12	10	4	12
14	0	14	13	5	4	12
15	0	15	14	6	5	12
16	0	15	14	13	5	12
17	0	15	15	14	4	12
18	0	15	15	7	6	12
19	0	15	16	6	5	13
20	0	15	15	5	4	15
21	0	13	15	5	5	19
22	0	13	16	5	4	17
23	0	13	16	5	4	15
24	0	14	15	5	4	12
25	0	12	14	5	4	11
26	0	7	14	5	4	13
27	0	7	14	6	4	13
28	0	6	13	6	4	14
29	0	6	14	6	4	15
30	17	7	14	6	4	17
31	--	8	--	3	4	--
Mean	1	12	12	7	4	11
Max.	17	18	16	21	6	19
Min.	0	6	6	3	3	3
A.F.	30	760	730	430	280	650

Water diverted 2880 A.F.
 Acreage reported D-47-1323

DAILY DIVERSIONS OF CANALS--1963
 CHIMNEY ROCK CANAL from North Platte River
 Measured through rating flume--Sec. 1-20-53 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	36	0	38	31	65	55	55
2	32	0	44	33	64	56	45
3	30	0	40	42	61	56	50
4	29	0	46	45	58	56	48
5	26	0	52	44	61	55	50
6	22	0	52	46	59	56	50
7	7	0	45	45	59	57	48
8	0	0	44	47	59	57	50
9	0	0	58	42	59	57	51
10	0	0	67	43	56	59	52
11	0	0	67	39	56	60	52
12	0	0	64	41	57	63	49
13	0	0	67	41	56	64	46
14	0	0	71	37	57	66	45
15	0	0	70	34	58	67	44
16	0	0	62	34	59	66	41
17	0	0	57	32	59	64	42
18	0	0	58	29	58	58	48
19	0	0	57	33	57	59	50
20	0	0	57	36	57	57	49
21	0	0	57	38	59	56	46
22	0	0	57	40	57	56	40
23	0	0	58	41	55	57	46
24	0	36	58	43	54	57	42
25	0	33	59	42	54	56	45
26	0	30	57	43	56	56	44
27	0	34	55	46	56	56	41
28	0	34	54	45	56	59	45
29	0	36	47	58	56	59	43
30	0	34	41	63	55	59	45
31	0	--	38	--	55	53	--
Mean	6	8	55	41	58	58	47
Max.	36	36	71	63	65	67	55
Min.	0	0	38	29	54	53	40
A.F.	360	470	3360	2450	3550	3590	2780

Water diverted 16560 A.F.
 Acreage reported D-844,1031-5141; A-2190-47;
 Total-5188

DAILY DIVERSIONS OF CANALS--1963
 CIRCLE ARROW CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 30-15-54 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	3	1	0	1	3
2	0	2	1	0	1	3
3	0	3	1	0	1	1
4	0	3	1	0	1	2
5	0	3	1	0	1	2
6	0	3	1	0	1	2
7	0	3	1	0	1	2
8	0	3	1	0	1	2
9	0	3	1	0	1	3
10	0	3	1	0	1	3
11	0	3	1	0	1	3
12	0	3	1	0	1	2
13	0	3	1	0	1	2
14	0	4	1	0	1	3
15	0	3	1	0	1	2
16	0	3	1	0	1	2
17	0	3	1	0	1	1
18	0	3	1	2	1	1
19	0	3	1	2	1	1
20	0	3	1	2	1	1
21	0	3	1	2	1	2
22	0	3	1	2	1	3
23	0	3	1	2	1	3
24	0	2	2	1	1	3
25	0	2	2	1	1	4
26	0	2	1	1	1	4
27	0	2	1	1	2	3
28	0	2	1	1	2	4
29	0	2	2	1	1	2
30	2	2	0	1	1	2
31	--	1	--	1	1	--
Mean	0	3	1	1	1	2
Max.	2	4	2	2	2	4
Min.	0	1	0	0	1	1
A.F.	0	170	60	40	70	140

Water diverted 480 A.F.
 Acreage reported D-346-220

DAILY DIVERSIONS OF CANALS--1963
 CODY-DILLON CANAL from North Platte River
 Measured over weir--Sec. 10-14-31 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	4	12	0	0	18	76	47	5
2	6	11	0	0	4	72	46	5
3	6	9	0	0	6	67	48	4
4	6	6	0	0	12	52	46	5
5	6	5	0	0	9	49	30	5
6	10	5	0	14	4	48	31	4
7	11	6	0	13	1	54	29	3
8	11	6	0	11	0	54	27	2
9	10	8	0	7	0	55	28	6
10	10	9	0	4	3	56	32	8
11	10	8	0	3	2	50	25	5
12	9	1	0	3	3	38	33	5
13	9	0	0	3	6	38	34	5
14	9	0	0	4	4	36	36	7
15	8	0	0	11	5	34	27	10
16	7	0	0	16	10	31	30	11
17	6	0	0	16	12	29	30	12
18	5	0	0	16	12	30	24	10
19	6	0	0	18	9	37	9	7
20	6	0	0	20	5	37	14	6
21	7	0	0	20	2	38	12	11
22	7	0	0	16	3	40	2	14
23	6	0	0	9	13	42	0	13
24	7	0	0	9	16	39	0	11
25	5	0	0	10	12	38	0	9
26	5	0	0	10	12	40	1	9
27	5	0	0	11	12	47	5	8
28	6	0	0	13	20	49	4	11
29	7	0	0	10	43	52	4	12
30	8	0	0	12	67	51	4	10
31	9	--	--	18	--	49	4	--
Mean	7	3	0	10	11	46	21	8
Max.	11	12	0	20	67	76	48	14
Min.	4	0	0	0	0	29	0	2
A.F.	450	170	0	590	650	2830	1310	460

Water diverted 6460 A.F.
 Acreage reported D-649-4743

DAILY DIVERSIONS OF CANALS--1963
 COLUMBUS POWER CANAL from Loup River
 Measured through section of canal--Sec. 6-16-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2210	2270	2360	1760	1300	1990	2040	2380	1940	717	1110	1960
2	2480	2370	2160	2110	1240	1990	2020	2030	2000	682	1100	2380
3	2380	2370	2200	2190	1230	1950	2140	1330	1870	605	1390	2760
4	2250	2370	2370	2250	1340	1890	2350	1810	1740	403	1370	2650
5	2130	2320	2480	2370	1530	1870	2300	1720	1760	437	1320	2420
6	2250	2280	2280	2350	1830	1560	1980	1870	1810	402	1610	2460
7	2540	2360	2230	2380	2000	1220	1770	1870	1800	444	1510	2210
8	2540	2340	2120	2350	2110	1530	1770	1630	1650	486	1600	2080
9	2690	2320	491	2260	2070	1720	1850	1510	1330	549	1500	1980
10	2430	2100	60	1940	2080	1770	2210	1430	1300	731	1380	2650
11	2320	2160	204	781	2030	2060	2590	1500	1260	1140	1330	2890
12	2240	2210	388	104	2000	2690	2600	1520	1360	752	1320	2850
13	2210	2080	324	54	2030	2910	2590	1480	1420	689	1220	2730
14	2160	2130	343	237	2000	2920	2360	1500	1560	830	1140	2390
15	2120	2030	668	549	1970	2850	2260	1870	1460	922	1060	2060
16	2130	2210	1120	689	2010	2760	2070	2160	1800	890	962	1900
17	2200	2330	1450	893	2000	2920	2060	2100	2240	868	914	1870
18	2280	2390	955	1030	1970	2790	2030	2210	1920	830	946	1650
19	2220	2310	1870	1000	1950	2800	2040	1820	2180	808	946	1670
20	2490	2280	178	962	1970	2650	1890	1640	1900	640	922	1570
21	2480	2140	716	970	1960	2590	1770	1560	1940	577	875	1530
22	2250	2310	1430	1110	1960	2480	1850	1490	1560	584	766	1730
23	2250	2220	152	1100	1960	2340	1850	1430	1470	507	738	1980
24	2310	2350	57	1100	1960	2430	1800	1390	1440	465	745	2450
25	2490	2310	271	1090	1960	2440	1850	1400	1310	409	794	2300
26	2380	2230	584	1020	1960	2660	1810	1410	1200	402	759	1980
27	2300	2140	556	1100	1990	2560	2080	1470	1180	369	1210	1660
28	2090	2210	577	1190	1950	2270	2350	1460	1100	430	2760	1520
29	2160	2260	1000	1180	----	2120	2450	1460	1030	500	2490	1510
30	2210	2300	1510	1180	----	2200	2450	1510	875	731	2470	1440
31	2240	----	1710	1250	----	2020	----	1490	----	890	2160	----
Mean	2304	2257	1123	1308	1870	2291	2106	1679	1578	638	1304	2114
Max.	2690	2390	2480	2380	2110	2980	2600	2330	2240	1140	2760	2890
Min.	2090	2030	57	54	1230	1220	1770	1390	875	369	738	1440
A.F.	141700	134300	69050	80420	103900	140800	125300	103200	93930	39230	80170	125800
Total acre-feet	1238000 A.F.											

DAILY DIVERSIONS OF CANALS--1963
 COOK CANAL NO. 1 from Miobrara River
 Measured through rating flume--Sec. 2-25-56 W.

DAILY DIVERSIONS OF CANALS--1963
 COURT HOUSE ROCK CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 30-19-50 W.

Date	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	2	1	1	0	2	1	1	2
2	2	1	1	0	2	1	1	2
3	1	1	1	0	2	1	1	2
4	1	1	1	0	2	1	1	2
5	2	1	2	0	2	1	1	2
6	2	1	2	0	2	2	1	2
7	2	1	2	0	3	2	1	2
8	2	1	1	0	3	2	1	2
9	2	1	1	0	3	2	1	2
10	2	1	1	0	3	2	1	2
11	2	1	0	0	3	2	1	2
12	1	1	0	0	3	2	1	2
13	2	1	0	0	2	2	1	2
14	2	1	0	0	2	2	1	2
15	2	2	0	0	3	2	1	2
16	2	2	0	0	3	1	1	2
17	2	2	0	0	3	1	1	2
18	2	2	0	0	2	1	1	2
19	2	2	0	0	2	1	1	1
20	2	2	0	0	2	1	1	2
21	2	2	0	0	2	1	1	2
22	1	2	0	0	2	1	1	3
23	1	2	0	2	2	2	1	3
24	1	2	0	2	2	2	1	2
25	1	1	0	3	2	1	1	2
26	2	2	0	2	2	1	1	2
27	1	2	0	3	2	1	1	2
28	1	1	0	3	2	1	1	2
29	1	1	0	2	2	1	1	2
30	1	1	0	2	2	1	2	1
31	1	-	0	2	-	1	2	-
Mean	2	1	0	1	2	1	1	2
Max.	2	2	2	3	3	2	2	3
Min.	1	1	0	0	2	1	1	1
A.F.	100	80	30	40	140	90	60	120

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	14	11	11	14
2	2	0	11	10	10	13
3	1	8	11	10	10	13
4	1	20	11	9	10	12
5	0	21	10	9	11	12
6	0	18	10	10	14	12
7	0	19	9	12	14	10
8	0	19	14	13	13	8
9	0	21	16	15	13	7
10	0	16	10	17	13	7
11	0	15	10	14	13	6
12	0	15	11	15	13	6
13	0	15	15	15	13	6
14	0	15	10	15	13	6
15	0	16	0	14	13	5
16	0	18	0	15	12	5
17	0	16	0	13	12	4
18	0	15	0	12	14	4
19	0	16	0	11	13	4
20	0	16	0	9	13	4
21	0	15	0	17	12	4
22	0	14	0	16	13	4
23	0	14	0	17	13	4
24	0	12	0	16	12	4
25	0	9	0	14	10	3
26	0	13	11	13	14	3
27	0	15	16	14	15	2
28	0	15	15	15	15	2
29	0	15	13	16	12	2
30	0	15	11	15	11	2
31	0	18	--	15	10	-
Mean	0	15	8	13	12	6
Max.	2	21	16	17	15	14
Min.	0	0	0	9	10	2
A.F.	10	900	450	830	770	370

Water diverted 660 A.F.
 Acreage reported D-980-162

Water diverted 3330 A.F.
 Acreage reported D-840, 1028-1462; A-851-24;
 Total-1486

DAILY DIVERSIONS OF CANALS--1963
 COURTLAND CANAL from Republican River--Measured at
 Nebraska-Kansas State Line--Sec. 32-1-7 W.

Date	May	June	July	Aug.	Sept.
1	12	167	199	624	100
2	46	169	207	603	96
3	42	170	252	576	73
4	45	170	305	591	51
5	46	164	367	603	38
6	48	162	416	585	36
7	47	157	480	579	28
8	46	169	573	573	27
9	46	170	573	600	38
10	46	173	627	621	43
11	47	181	666	612	34
12	49	194	708	633	26
13	76	183	714	636	20
14	96	175	714	630	18
15	97	176	714	639	18
16	98	178	619	639	18
17	96	131	557	633	30
18	96	105	554	633	31
19	97	106	562	515	23
20	144	106	567	262	0.6
21	164	130	562	119	4.3
22	167	145	564	82	11
23	166	148	547	87	3.4
24	166	146	540	89	0
25	167	142	557	89	0
26	169	159	564	88	0
27	172	192	567	90	0
28	170	188	567	90	0
29	169	181	588	91	0
30	167	173	603	89	0
31	153	---	606	93	-
Mean	102	160	537	413	26
Max.	172	194	714	639	100
Min.	12	105	199	82	0
A.F.	6250	9540	33000	25380	1520
Water diverted	75690 A.F.				

DAILY DIVERSIONS OF CANALS--1963
 COURTLAND CANAL from Republican River
 Measured through orifice--Sec. 7-1-9 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	106	200	214	632	112
2	0	69	200	222	627	111
3	0	70	200	268	545	82
4	0	69	196	332	600	57
5	0	69	194	400	609	51
6	0	71	189	450	600	45
7	0	72	192	508	591	42
8	0	71	204	584	578	41
9	0	71	200	687	618	41
10	0	71	205	654	640	40
11	0	72	205	706	627	37
12	0	72	208	751	662	26
13	0	112	205	768	662	25
14	0	122	200	768	671	24
15	0	120	200	751	700	24
16	0	120	199	674	700	17
17	0	119	147	627	662	0
18	0	119	128	596	662	0
19	0	116	129	596	501	0
20	0	171	129	584	275	0
21	0	194	161	564	136	0
22	0	194	172	564	101	0
23	0	194	172	556	104	0
24	0	194	172	564	108	0
25	0	196	167	572	109	0
26	0	196	196	596	110	0
27	0	196	215	596	111	0
28	0	199	215	596	112	0
29	48	200	206	604	111	0
30	83	194	202	651	110	0
31	---	192	---	639	111	-
Mean	4	130	187	569	432	26
Max.	83	200	215	768	700	112
Min.	0	69	128	214	101	0
A.F.	260	7990	11120	34960	26550	1540
Water diverted	82420 A.F.					
Supplemental storage included	Acreage reported A-4222-1682; A-6224-113;					
Total-1795 in Nebraska	*Includes diversion for Kansas Lands					

DAILY DIVERSIONS OF CANALS--1963
 COZAD CANAL from Platte River--Measured
 through Parshall flume--Sec. 13-11-25 W.

Date	May	June	July	Aug.	Sept.
1	0	38	117	209	23
2	24	35	173	209	22
3	26	35	187	206	15
4	28	36	259	206	0
5	28	39	275	209	0
6	28	38	281	208	0
7	27	39	283	208	0
8	27	41	269	206	0
9	27	40	269	206	0
10	28	41	269	208	0
11	28	39	271	209	0
12	27	39	269	208	0
13	27	39	256	208	0
14	41	37	254	208	0
15	36	40	227	206	0
16	38	36	226	208	0
17	36	37	195	195	0
18	38	39	177	170	0
19	39	54	177	119	0
20	38	51	178	97	0
21	30	52	183	94	0
22	34	52	208	95	0
23	35	52	209	67	0
24	35	51	208	44	0
25	34	52	209	43	0
26	35	60	209	44	0
27	34	84	213	43	0
28	34	89	209	44	0
29	35	90	211	43	0
30	36	90	211	47	0
31	39	---	211	34	-
Mean	31	49	222	145	2
Max.	41	90	283	209	23
Min.	0	35	117	34	0
A.F.	1930	2910	13670	8920	120
Water diverted	27550 A.F.				
Sutherland storage included	Acreage reported D-626-25540				

DAILY DIVERSIONS OF CANALS--1963
 CRESCENT LAKE OUTLET to Blue Creek
 Sec. 21-20-44 W.

Date	May	June	July	Aug.	Sept.
1	0	0	21	0	0
2	0	0	20	0	0
3	0	0	19	0	0
4	0	0	17	0	0
5	0	0	15	0	0
6	0	0	14	0	0
7	0	0	13	0	0
8	0	0	12	0	0
9	0	0	12	0	0
10	0	0	10	0	0
11	0	0	10	0	0
12	0	0	9	0	0
13	0	0	8	0	0
14	0	0	7	0	0
15	0	0	6	0	0
16	0	0	6	0	0
17	0	0	5	0	0
18	0	0	5	0	0
19	0	0	4	0	0
20	0	0	3	0	0
21	0	0	3	0	0
22	0	0	3	0	0
23	0	0	3	0	0
24	0	0	2	0	0
25	0	0	2	0	0
26	0	0	2	0	0
27	0	0	1	0	0
28	0	0	1	0	0
29	0	0	0	0	0
30	0	10	0	0	0
31	0	---	0	0	-
Mean	0	0	8	0	0
Max.	0	10	21	0	0
Min.	0	0	0	0	0
A.F.	0	20	460	0	0
Water withdrawn	480 A.F.				

DAILY DIVERSIONS OF CANALS--1963
CULBERTSON CANAL from Frenchman River
 Measured through 18-foot Parshall flume--Sec. 31-5-33 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	92	36	259	272	157
2	0	101	0	292	266	143
3	0	112	0	304	268	146
4	0	112	0	328	270	149
5	0	109	0	358	277	143
6	0	118	0	378	281	128
7	0	122	0	384	296	131
8	0	125	11	386	303	131
9	0	123	37	386	312	108
10	0	132	54	362	306	46
11	9	101	60	334	304	0
12	39	87	59	338	310	0
13	38	85	72	314	306	0
14	37	85	76	304	310	0
15	57	85	90	302	314	0
16	68	80	96	279	306	0
17	72	72	105	273	300	0
18	72	70	102	261	296	0
19	71	70	90	250	296	0
20	71	70	86	257	298	0
21	73	70	91	259	292	0
22	73	74	81	277	275	0
23	76	85	92	288	281	0
24	77	85	97	266	261	0
25	74	81	111	288	248	0
26	74	88	116	286	245	0
27	74	84	125	292	229	0
28	76	81	151	286	212	0
29	77	85	181	288	208	0
30	76	64	210	279	198	0
31	--	59	---	275	188	-
Mean	43	91	74	304	275	43
Max.	77	132	210	386	314	157
Min.	0	59	0	250	188	0
A.F.	2550	5570	4420	18710	16910	2540

Water diverted 50700 A.F.
 Supplemental storage included
 Acreage reported D-24, 25, 29 & 30-9383;
 A-3869AR-1491; A-6214-9921; A-9697-157;
 A-9802-132; Total 21084

DAILY DIVERSIONS OF CANALS--1963
DAWSON COUNTY CANAL from Platte River
 Measured through Parshall flume--Sec. 7-10-23 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	6	0	46	151	226	407	82
2	0	0	56	117	274	413	69
3	0	0	60	113	301	410	62
4	0	0	70	130	359	410	94
5	0	0	72	112	421	415	73
6	0	0	65	118	469	424	66
7	0	0	62	122	448	424	54
8	0	0	83	122	374	413	52
9	0	0	90	125	413	310	21
10	0	0	86	129	418	294	0
11	0	0	76	106	432	315	0
12	0	0	69	115	461	342	0
13	0	0	84	110	459	349	0
14	0	0	92	90	448	356	0
15	0	0	94	82	459	339	0
16	0	0	102	98	432	310	0
17	0	0	100	86	354	269	0
18	0	0	90	89	374	272	0
19	0	0	98	100	374	254	0
20	0	0	100	104	374	203	0
21	0	0	110	112	387	193	0
22	0	0	112	112	384	151	0
23	0	30	108	113	392	144	0
24	0	66	110	110	365	129	0
25	0	69	107	107	364	102	0
26	0	61	117	89	374	92	0
27	0	15	101	94	372	107	0
28	0	18	106	98	407	96	0
29	0	23	106	141	400	104	0
30	0	36	115	177	364	104	0
31	0	--	124	---	407	98	-
Mean	0	11	91	112	390	275	19
Max.	6	69	124	177	469	424	94
Min.	0	0	46	82	226	92	0
A.F.	10	630	5580	6690	23970	16360	1140

Water diverted 54380 A.F.
 Sutherland storage included
 Acreage reported D-621-520; D-622-57148; A-624-5640;
 A-2039-5033; A-2093-213; A-2110-13859; A-2145-985;
 A-2262-890; Total 84288

DAILY DIVERSIONS OF CANALS--1963
EARNEST CANAL (Combined flow-North & South) from
Nebraska River--Measured through rating flume
 Sec. 9-29-56 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	8	3	0	0	4	3	0	0
2	8	2	0	2	4	3	0	0
3	9	3	0	5	4	3	0	0
4	8	2	0	5	5	4	0	0
5	8	2	0	4	5	3	0	0
6	9	2	0	4	6	4	0	0
7	8	2	0	4	5	4	2	0
8	3	2	0	4	5	4	2	0
9	6	2	0	5	5	4	2	0
10	5	2	0	4	5	4	1	0
11	2	2	0	4	5	4	0	0
12	4	2	0	4	5	4	0	0
13	1	2	0	4	4	4	2	0
14	1	2	0	5	4	4	3	0
15	1	0	0	5	5	4	4	0
16	0	0	0	5	7	2	4	0
17	0	0	0	5	5	3	3	0
18	0	0	2	5	5	5	3	0
19	0	0	4	5	5	4	2	0
20	1	0	4	7	5	3	4	0
21	4	0	4	9	4	2	4	0
22	2	0	4	9	4	2	5	0
23	3	0	4	5	4	0	4	0
24	3	0	4	5	4	0	4	0
25	4	0	4	5	4	0	3	0
26	4	0	3	5	4	0	3	0
27	3	0	3	5	4	0	1	0
28	2	0	3	4	4	0	3	4
29	5	0	0	4	4	0	4	6
30	2	0	0	4	3	0	0	6
31	1	-	-	4	-	0	0	-
Mean	4	1	1	5	5	3	2	1
Max.	9	3	4	9	7	5	5	6
Min.	0	0	0	0	3	0	0	0
A.F.	230	60	80	290	270	150	120	30

Water diverted 1230 A.F.
 Acreage reported D-514a-190; D-514b-150; A-1362R-102;
 Total 442

DAILY DIVERSIONS OF CANALS--1963
ELM CREEK CANAL from Platte River
 Measured through Parshall flume--Sec. 5-8-19 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	24	7	0	0	0	0	0
2	24	7	0	0	0	0	0
3	25	7	0	0	0	0	0
4	24	8	0	0	0	0	0
5	25	8	0	0	0	0	0
6	19	8	0	0	0	0	0
7	16	8	0	0	0	0	0
8	16	0	0	0	0	0	0
9	14	0	0	0	0	0	0
10	12	0	0	0	0	0	0
11	11	0	0	0	0	0	0
12	11	0	0	0	0	0	0
13	9	0	0	0	0	0	0
14	9	0	0	0	0	0	0
15	8	0	0	0	0	0	0
16	8	0	0	0	0	0	0
17	8	0	0	0	0	0	0
18	8	0	0	0	0	0	0
19	7	0	0	0	0	0	0
20	7	0	0	0	0	0	0
21	7	0	0	0	0	0	0
22	7	0	0	0	0	0	0
23	7	0	0	0	0	0	0
24	7	0	0	0	0	0	0
25	7	0	0	0	0	0	0
26	7	0	0	0	0	0	0
27	7	0	0	0	0	0	0
28	7	0	0	0	0	0	0
29	7	0	0	0	0	0	0
30	7	0	0	0	0	0	0
31	7	-	0	-	0	0	0
Mean	12	2	0	0	0	0	0
Max.	25	8	0	0	0	0	0
Min.	7	0	0	0	0	0	0
A.F.	720	100	0	0	0	0	0

Water diverted 820 A.F.
 Supplemental storage available
 Acreage reported A-2104-5194
 Note: Canal abandoned on May 1, 1963

DAILY DIVERSIONS OF CANALS--1963
 EMPIRE CANAL from North Platte River via Belmont Canal
 Measured through 4-foot Parshall flume--Sec. 20-20-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	22	0	20	27	26	22
2	23	0	17	27	27	26
3	23	0	15	27	28	27
4	23	0	14	27	27	25
5	11	0	16	24	27	26
6	0	0	28	24	27	29
7	0	0	27	23	27	29
8	0	0	27	24	27	29
9	0	0	27	29	27	29
10	0	0	30	32	27	33
11	0	0	28	29	26	33
12	0	0	29	28	26	34
13	0	0	30	28	26	36
14	0	0	31	28	27	28
15	0	8	21	28	27	22
16	0	21	15	28	25	22
17	0	23	26	28	26	22
18	0	23	16	27	27	22
19	0	24	19	27	26	22
20	0	24	22	27	26	22
21	0	24	21	27	26	19
22	0	26	21	27	26	16
23	0	28	22	27	25	15
24	0	26	24	26	24	13
25	0	19	24	27	24	11
26	0	14	25	27	24	11
27	0	26	28	27	24	10
28	0	24	28	27	23	3
29	0	24	27	27	24	0
30	0	19	26	27	24	0
31	0	24	--	26	23	-
Mean	3	12	23	27	26	21
Max.	23	28	31	32	28	36
Min.	0	0	14	23	23	0
A.F.	200	750	1400	1660	1580	1260

Water diverted 6850 A.F.
 Acreage reported D-858-2116; A-866-75;
 Total-2191

DAILY DIVERSIONS OF CANALS--1963
 ENTERPRISE CANAL from North Platte River
 Measured through rating flume--Sec. 27-23-57 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	37	0	40	37	83	75	54
2	37	0	40	37	83	72	43
3	37	0	51	34	81	74	43
4	36	0	69	33	70	81	43
5	36	0	72	31	69	80	42
6	21	0	66	29	65	76	47
7	0	0	67	38	66	75	51
8	0	0	72	39	85	74	51
9	0	0	81	36	79	71	55
10	0	0	79	28	73	70	58
11	0	0	76	27	75	69	58
12	0	0	88	26	76	69	57
13	0	0	88	28	78	68	58
14	0	0	82	28	78	69	58
15	0	0	87	24	76	73	60
16	0	0	66	20	69	73	58
17	0	0	68	21	66	74	61
18	0	0	84	26	66	78	61
19	0	0	91	28	63	79	62
20	0	0	80	28	61	75	61
21	0	0	59	30	59	75	53
22	0	0	55	39	57	75	43
23	0	0	61	45	58	76	44
24	0	0	39	52	63	74	32
25	0	16	43	61	66	73	34
26	0	44	41	61	70	71	45
27	0	51	41	61	73	63	40
28	0	55	42	61	75	60	37
29	0	50	43	63	76	60	37
30	0	45	48	79	76	61	36
31	0	--	38	--	76	64	--
Mean	7	9	63	38	71	72	49
Max.	37	55	91	79	85	81	62
Min.	0	0	38	20	57	60	32
A.F.	400	520	3880	2280	4390	4420	2940

Water diverted 18830 A.F.

DAILY DIVERSIONS OF CANALS--1963
 ENTERPRISE CANAL from Dry Spotted Tail
 Measured in channel of stream--Sec. 21-23-56 W.

Date	May	June	July	Aug.	Sept.
1	0	8	10	11	14
2	0	8	8	12	14
3	0	9	8	11	13
4	0	9	8	10	14
5	6	9	8	13	5
6	6	9	9	13	4
7	9	9	8	13	13
8	7	9	12	13	13
9	7	13	9	11	0
10	8	13	11	11	0
11	8	13	9	11	0
12	8	13	9	11	0
13	8	13	12	12	0
14	11	13	11	13	0
15	12	13	11	13	0
16	12	12	10	9	0
17	11	12	10	11	0
18	11	12	16	11	0
19	12	12	16	13	0
20	12	12	15	14	0
21	12	12	15	14	0
22	11	12	15	17	0
23	9	11	16	17	0
24	8	11	15	17	0
25	7	10	12	13	0
26	8	11	10	13	0
27	7	10	11	13	0
28	7	8	11	13	0
29	7	10	12	13	0
30	8	10	11	13	0
31	7	--	11	13	-
Mean	8	11	11	13	3
Max.	12	13	16	17	14
Min.	0	8	8	9	0
A.F.	470	650	690	780	180

Water diverted 2770 A.F.

DAILY DIVERSIONS OF CANALS--1963
 ENTERPRISE CANAL from Morrill Drain
 Measured in channel of drain--Sec. 13-23-57 W.

Date	May	June	July	Aug.	Sept.
1	1	1	1	2	5
2	1	1	1	2	5
3	1	1	1	2	5
4	1	1	1	2	5
5	1	1	1	2	5
6	1	1	1	2	5
7	1	1	1	1	5
8	1	1	1	1	5
9	1	1	1	1	5
10	1	1	1	1	5
11	2	2	1	1	5
12	2	2	1	1	5
13	2	2	1	1	5
14	3	2	1	1	5
15	3	2	2	1	6
16	3	2	2	1	6
17	3	2	2	2	6
18	3	2	2	2	6
19	3	2	2	3	6
20	3	2	3	3	7
21	3	2	3	3	7
22	2	2	3	4	7
23	2	2	3	4	7
24	2	2	3	4	7
25	2	2	3	4	7
26	2	2	3	4	6
27	2	2	3	4	6
28	1	1	3	4	5
29	1	1	3	4	5
30	1	1	3	4	4
31	1	--	2	4	--
Mean	2	2	2	2	6
Max.	3	2	3	4	7
Min.	1	1	1	1	4
A.F.	110	90	120	140	330

Water diverted 790 A.F.

DAILY DIVERSIONS OF CANALS--1963

ENTERPRISE CANAL from Winter Creek
Measured at outlet of 24 inch concrete pipe
Sec. 17-22-54 W.

ENTERPRISE CANAL from Tub Springs
Difference between stations upstream and downstream
from canal--Sec. 32-23-55 W.

Date	May	June	July	Aug.	Sept.
1	0	2	3	3	4
2	0	2	3	3	4
3	1	2	3	3	3
4	2	2	3	3	3
5	2	2	3	3	3
6	2	2	3	3	3
7	2	2	3	3	3
8	2	2	3	3	2
9	2	2	3	3	2
10	2	2	3	3	2
11	3	1	3	3	2
12	3	1	3	3	2
13	3	1	3	3	2
14	3	1	3	3	2
15	3	0	3	3	2
16	2	0	3	3	2
17	2	0	3	3	2
18	2	0	3	3	2
19	1	0	3	3	2
20	1	0	3	3	2
21	1	0	3	3	2
22	1	0	3	4	2
23	1	0	3	4	2
24	1	0	3	4	2
25	1	0	3	4	2
26	1	0	3	4	2
27	1	0	3	4	2
28	1	1	3	4	2
29	1	2	3	4	2
30	2	2	3	4	2
31	2	-	3	4	-
Mean	2	1	3	3	2
Max.	3	2	3	4	4
Min.	1	0	3	3	2
A.F.	100	60	180	200	140

Water diverted 680 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	16	28	1
2	0	0	17	24	19
3	0	0	18	25	16
4	2	0	20	24	11
5	1	0	21	24	16
6	1	5	21	25	28
7	1	2	22	25	28
8	0	0	21	25	6
9	2	0	22	25	11
10	0	0	22	25	11
11	0	0	22	26	13
12	0	2	23	26	15
13	0	0	21	26	23
14	0	0	16	26	23
15	3	0	14	26	19
16	5	0	13	25	21
17	12	1	23	21	23
18	10	1	23	3	23
19	0	1	23	0	21
20	0	6	23	17	14
21	0	8	23	25	24
22	0	10	23	11	0
23	0	0	23	0	0
24	0	0	23	0	0
25	0	0	23	6	9
26	0	0	22	11	0
27	0	0	15	17	0
28	1	1	1	19	4
29	3	10	22	14	4
30	0	15	32	14	5
31	0	-	32	0	-
Mean	1	2	21	18	13
Max.	12	15	32	28	28
Min.	0	0	1	0	0
A.F.	80	120	1270	1120	770

Water diverted 3360 A.F.

DAILY DIVERSIONS OF CANALS--1963

ENTERPRISE CANAL
Summary in Acre-feet--1963

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River.....	400	520	3880	2280	4390	4420	2940	18830
Dry Spotted Tail.....	0	0	470	650	690	780	180	2770
Morrill Drain.....	0	0	110	90	120	140	330	790
Tub Springs.....	0	0	80	120	1270	1120	770	3360
Winter Creek.....	0	0	100	60	180	200	140	680
Total diversion.....	400	520	4640	3200	6650	6660	4360	26430

Water diverted 26430 A.F. Total
26110 A.F. Natural
320 A.F. Storage
Acreage reported D-920-7577

DAILY DIVERSIONS OF CANALS--1963
 ENTERPRISE CANAL (Combined flow-North & South) from
 Niobrara River--Measured through rating flumes
 Sec. 27-29-50 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	7	4	0	6	0	0	4	5
2	6	5	0	7	0	5	4	4
3	6	4	0	6	0	6	4	0
4	6	0	0	6	0	7	4	0
5	7	0	0	3	0	7	4	0
6	8	0	0	0	4	7	4	0
7	8	0	0	0	6	7	4	0
8	8	0	0	0	6	9	4	0
9	6	0	1	0	0	8	4	0
10	6	0	5	0	0	7	4	0
11	6	0	5	0	0	5	3	0
12	6	0	5	0	0	5	3	0
13	6	0	5	0	5	5	3	0
14	6	0	4	0	6	5	3	2
15	6	0	3	0	7	5	3	2
16	6	0	0	0	0	5	4	3
17	6	0	0	0	0	4	4	4
18	5	0	0	0	0	4	4	5
19	7	0	0	0	0	3	4	5
20	6	0	0	0	0	2	4	4
21	4	0	0	0	0	3	4	5
22	3	0	2	0	0	4	4	5
23	3	0	11	0	0	4	4	5
24	3	0	10	0	0	4	4	5
25	3	0	9	0	0	4	4	5
26	4	0	7	0	0	5	4	6
27	4	0	4	0	0	5	4	8
28	4	0	6	0	0	5	4	10
29	4	0	6	0	0	5	4	9
30	4	0	6	0	0	4	4	2
31	4	-	-	0	-	4	5	-
Mean	5	0	3	1	1	5	4	3
Max.	8	5	11	7	7	9	5	10
Min.	3	0	0	0	0	0	3	0
A.F.	330	20	180	60	70	300	240	190

Water diverted 1390 A.F.
 Acreage reported D-461-220; A-5181-76; Total-296

DAILY DIVERSIONS OF CANALS--1963
 EXCELSIOR CANAL from Niobrara River
 Measured through rating flume--Sec. 10-28-52 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	4	0	0	4
2	4	0	3	0	0	4
3	4	0	2	0	0	3
4	4	0	2	0	0	3
5	4	0	2	0	0	3
6	4	0	3	6	4	3
7	4	0	3	6	4	3
8	4	0	4	4	4	2
9	4	2	5	3	4	2
10	4	4	4	3	4	2
11	4	4	2	3	4	2
12	4	4	0	2	4	2
13	4	5	0	2	4	2
14	4	5	0	3	4	2
15	4	4	0	1	4	2
16	4	5	0	1	4	2
17	4	4	0	1	4	2
18	5	4	0	1	4	2
19	5	5	0	1	4	1
20	4	5	0	1	4	0
21	4	5	4	2	4	0
22	4	5	6	3	4	0
23	4	4	8	4	4	0
24	4	4	8	4	3	0
25	4	4	9	5	3	0
26	4	4	9	5	2	0
27	4	5	9	2	2	0
28	4	5	7	0	2	0
29	4	4	4	0	2	0
30	5	4	2	0	2	0
31	1	4	-	0	4	-
Mean	4	3	3	2	3	2
Max.	5	5	9	6	4	4
Min.	1	0	0	0	0	0
A.F.	250	200	200	120	190	90

Water diverted 1050 A.F.
 Acreage reported D-568-200; A-2264-134;
 Total-334

DAILY DIVERSIONS OF CANALS--1963
 FARWELL "NORTH" CANAL from Middle Loup River
 via Sherman Reservoir--Sec. 36-18-17 W.

Date	May	June	July	Aug.	Sept.
1	9	17	27	38	21
2	18	17	27	38	21
3	18	17	33	36	21
4	18	20	36	35	21
5	18	22	37	35	21
6	7	22	38	35	21
7	0	21	38	35	21
8	7	21	41	35	21
9	19	21	44	35	21
10	18	20	44	32	21
11	19	20	45	32	20
12	19	20	45	32	17
13	18	21	45	32	15
14	16	21	45	32	15
15	13	22	45	32	15
16	10	22	45	34	15
17	6	22	45	37	15
18	6	22	44	40	16
19	11	22	44	40	14
20	11	22	44	40	13
21	12	24	44	40	13
22	13	27	44	39	13
23	17	28	44	39	12
24	16	28	45	39	12
25	16	28	47	39	10
26	16	28	47	36	10
27	15	28	47	32	10
28	13	27	47	28	10
29	14	27	42	24	10
30	17	27	39	22	10
31	18	-	39	21	-
Mean	14	23	42	34	16
Max.	19	28	47	40	21
Min.	0	17	27	21	10
A.F.	850	1360	2570	2110	940

Water diverted 7830 A.F.
 Acreage reported A-5710-120

DAILY DIVERSIONS OF CANALS--1963
 FARWELL CANAL from Middle Loup River
 Measured through 25-foot Parshall flume--Sec. 36-18-17 W.

Date	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	151	0	0	0	214	232	365	224	0	0
2	0	153	0	0	0	218	283	365	166	0	0
3	0	149	0	0	0	220	317	362	134	0	0
4	0	108	0	0	0	214	312	354	112	0	0
5	0	98	0	0	0	220	354	354	177	0	0
6	0	149	0	0	0	214	369	352	187	0	0
7	0	69	0	0	0	207	387	369	201	0	0
8	32	0	0	0	0	240	407	365	127	0	0
9	80	0	0	0	0	303	389	359	82	0	0
10	100	0	0	0	0	298	362	382	19	0	56
11	106	0	0	0	21	317	362	379	0	0	95
12	134	0	0	0	48	298	369	369	0	0	146
13	139	0	0	0	137	267	359	372	0	0	251
14	130	0	0	0	242	310	352	359	0	0	379
15	118	0	0	0	234	265	362	379	0	0	467
16	112	0	0	0	168	305	349	382	0	0	562
17	113	0	0	0	88	285	352	369	0	0	649
18	118	0	0	0	236	274	369	374	0	0	781
19	124	0	0	0	226	289	359	362	0	0	798
20	127	0	0	0	287	283	352	365	0	0	804
21	125	0	0	0	296	279	359	354	0	0	818
22	124	0	0	0	263	283	356	356	0	0	845
23	117	0	0	0	238	272	354	364	0	0	821
24	122	0	0	0	247	251	344	354	0	0	828
25	127	0	0	0	234	232	352	359	0	0	835
26	72	0	0	0	220	228	359	354	0	0	791
27	0	0	0	0	216	274	376	359	0	0	794
28	0	0	0	0	209	274	376	362	0	0	801
29	0	0	0	-	209	265	354	344	0	0	808
30	64	0	0	-	187	267	344	301	0	0	791
31	--	0	0	-	191	---	372	---	0	0	---
Mean	73	28	0	0	135	262	353	361	46	0	437
Max.	139	153	0	0	296	317	407	382	224	0	845
Min.	0	0	0	0	0	207	232	301	0	0	0
A.F.	4330	1740	0	0	8330	15600	21700	21510	2830	0	26020

Water diverted 102060 A.F.
 Acreage reported A-4423-

DAILY DIVERSIONS OF CANALS--1963
 FARWELL CENTRAL SPILLWAY at Terminal, Lateral 2.0--Returned to
 Turkey Creek--Measured over weir--Sec. 17-14-11 W.

Date	May	June	July	Aug.	Sept.
1	0	1.0	0.5	3.4	2.3
2	0	1.2	2.0	4.6	2.0
3	0	.5	2.8	4.0	2.3
4	0	.5	1.5	3.3	2.5
5	0	.5	2.5	3.3	2.4
6	0	.5	1.0	2.0	2.4
7	0	.6	1.6	2.4	2.8
8	0	.5	2.0	1.2	2.8
9	0	1.0	1.0	2.2	3.3
10	0	1.0	1.0	2.0	3.5
11	0	1.0	1.5	3.3	2.3
12	0	1.0	2.0	3.5	.4
13	0	1.0	3.0	4.6	0
14	0	0	2.5	3.6	0
15	0	1.0	1.0	3.3	0
16	0.5	1.0	3.0	2.0	0
17	1.0	1.0	4.5	1.2	0
18	1.0	1.0	4.0	1.2	0
19	0	1.0	4.6	3.4	0
20	0	.5	4.3	.7	0
21	0	.5	4.0	1.4	0
22	0.5	.5	4.8	1.6	0
23	0	.5	2.0	1.3	0
24	0	.5	3.8	2.6	0
25	1.0	1.0	2.8	3.0	0
26	.5	.5	1.2	3.3	0
27	1.2	.8	1.2	3.3	0
28	1.2	1.0	2.6	4.0	0
29	.5	1.0	2.2	2.9	0
30	.5	1.0	2.6	2.4	0
31	.2	---	2.4	3.3	-
Mean	.3	.8	2.4	2.7	1.0
Max.	1.2	1.2	4.8	4.6	3.5
Min.	0	0	.5	.7	0
A.F.	20	50	150	170	60

Water returned 450 A.F.

DAILY DIVERSIONS OF CANALS--1963
 FORSLING-KINNEY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 33-15-56 W.

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

Water diverted 130 A.F.
 Acreage reported D-343R-73; D-348-118;
 A-718-54; Total-245

DAILY DIVERSIONS OF CANALS--1963
 FORT LARAMIE CANAL from North Platte River
 Measured through Parshall flume--Sec. 11-26-65 W.

Date	May	June	July	Aug.	Sept.
1	0	0	1231	1502	1319
2	0	0	1349	1502	1284
3	0	0	1440	1502	1258
4	0	0	1503	1502	1220
5	429	0	1503	1508	1168
6	655	0	1503	1511	1154
7	658	0	1502	1508	1154
8	697	0	1502	1511	1137
9	821	0	1502	1508	1101
10	1001	0	1499	1508	1101
11	1034	0	1502	1511	1104
12	1121	0	1502	1514	1104
13	1185	0	1499	1511	1107
14	1287	0	1499	1508	1104
15	1301	0	1502	1508	1112
16	1301	0	1499	1505	1126
17	1255	0	1499	1508	1129
18	1157	0	1502	1511	1126
19	1048	0	1502	1511	1126
20	889	0	1502	1511	1123
21	630	0	1499	1511	1093
22	337	0	1499	1505	1020
23	11	0	1505	1480	1001
24	0	0	1505	1483	998
25	0	0	1505	1483	818
26	0	368	1505	1468	529
27	0	868	1505	1458	36
28	0	1004	1502	1455	0
29	0	1039	1505	1452	0
30	0	1037	1505	1430	0
31	0	---	1502	1409	-
Mean	542	144	1486	1493	952
Max.	1301	1039	1505	1514	1319
Min.	0	0	1231	1409	0
A.F.	33360	8560	91400	91820	56630

Water diverted 281770 A.F.
 Pathfinder storage included
 Acreage reported A-768 Nebr-54846;
 A-768-Wyo-50210; Total-105056

DAILY DIVERSIONS OF CANALS--1963
 FRANKLIN CANAL from Republican River
 Measured through orifice--Sec. 11-1-17 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	80	46	168	198	81
2	0	66	55	214	198	67
3	0	66	54	244	192	28
4	0	66	54	251	188	28
5	0	66	59	253	190	11
6	0	61	65	257	192	0
7	0	56	65	260	190	0
8	0	55	65	260	198	0
9	0	55	65	257	202	0
10	0	65	68	252	202	0
11	0	70	78	254	202	0
12	0	70	71	241	188	0
13	0	70	59	227	164	0
14	0	70	52	221	150	0
15	0	70	18	214	123	0
16	0	68	0	182	107	0
17	0	62	15	172	106	0
18	0	62	54	174	106	0
19	0	62	54	174	86	0
20	0	61	54	174	59	0
21	0	60	54	176	52	0
22	0	60	54	176	35	0
23	0	60	54	182	12	0
24	0	59	54	208	22	0
25	0	54	54	218	52	0
26	0	44	67	233	52	0
27	0	43	74	237	56	0
28	0	38	96	235	76	0
29	46	33	125	200	81	0
30	83	33	145	221	81	0
31	--	34	---	206	81	-
Mean	4	59	61	217	124	7
Max.	83	80	145	260	202	81
Min.	0	33	0	168	12	0
A.F.	260	3610	3620	13360	7620	430

Water diverted 28900 A.F.
 Supplemental storage included
 Acreage reported A-2691a-4522; A-2691bR-4136;
 A-4216-2114; A-6221-161; A-8259-147; A-9623-58;
 A-9724-28; Total-11166

DAILY DIVERSIONS OF CANALS--1963
 FRANKLIN PUMP CANAL from Republican River
 Measured through 4-foot Parshall flume--Sec. 5-1-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	24	30	0
2	0	0	30	30	0
3	0	0	38	29	0
4	0	0	46	29	0
5	0	0	46	28	0
6	0	0	46	31	0
7	0	0	47	33	0
8	0	6	47	29	0
9	0	15	47	30	0
10	0	12	48	29	0
11	0	11	50	29	0
12	0	7	49	12	0
13	0	0	49	0	0
14	0	0	38	0	0
15	0	0	11	0	0
16	0	0	38	0	0
17	0	0	47	0	0
18	0	0	47	0	0
19	0	0	47	0	0
20	0	0	47	0	0
21	0	0	49	0	0
22	0	0	47	0	0
23	0	0	45	0	0
24	0	0	45	0	0
25	0	0	46	0	0
26	0	0	46	0	0
27	0	4	38	0	0
28	0	13	32	0	0
29	0	15	31	0	0
30	0	15	31	0	0
31	0	---	31	0	-
Mean	0	3	41	11	0
Max.	0	15	50	33	0
Min.	0	0	11	0	0
A.F.	0	190	2550	670	0

Water diverted 3410 A.F.
 Supplemental storage included
 Acreage reported A-4227-1926; A-6222-184;
 Total-2110

DAILY DIVERSIONS OF CANALS--1963
FULLERTON POWER CANAL from Cedar River
 Measured through turbines--Sec. 11-16-6 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	210	202	193	213	177	250	229	229	193	62	119	185
2	195	210	202	222	187	282	233	224	216	79	119	241
3	153	186	199	214	177	282	237	195	195	79	123	286
4	209	193	200	219	196	273	255	222	184	80	100	202
5	208	194	203	223	213	231	225	264	198	63	112	176
6	216	189	188	228	412	272	193	376	201	73	144	190
7	254	207	214	227	414	268	196	286	174	70	164	185
8	212	83	206	239	320	250	194	235	174	110	156	181
9	213	21	79	275	403	257	191	219	174	84	152	164
10	211	120	81	250	326	240	225	248	157	90	157	294
11	232	196	57	98	270	210	254	228	176	120	139	355
12	203	200	27	15	260	264	261	206	178	146	144	297
13	205	201	68	65	238	274	268	205	169	175	99	281
14	213	246	140	138	263	283	245	205	157	143	82	229
15	208	140	177	159	260	283	223	233	173	143	62	237
16	197	173	194	167	250	279	210	234	170	151	59	165
17	187	189	232	187	250	292	238	230	193	113	91	209
18	202	195	244	180	289	290	243	240	190	80	126	206
19	213	190	346	173	282	298	213	205	192	100	94	207
20	205	134	252	162	290	227	219	195	181	18	116	205
21	210	178	248	181	250	293	219	195	176	58	89	192
22	200	190	251	180	120	262	196	180	169	69	79	225
23	196	204	145	174	180	263	217	171	163	40	86	294
24	159	212	80	166	242	287	247	183	167	25	85	337
25	196	213	65	167	252	298	215	182	155	20	88	199
26	182	188	180	169	295	299	238	184	144	44	89	193
27	188	204	165	173	265	285	255	191	150	30	196	191
28	193	215	200	177	234	258	281	194	138	65	28	191
29	196	205	260	178	---	233	278	213	132	81	169	193
30	175	200	245	178	---	253	236	215	86	72	308	144
31	195	---	207	177	---	249	---	178	---	109	234	---
Mean	201	183	179	180	261	267	231	218	171	84	123	222
Max.	254	246	346	275	414	299	281	376	216	175	308	355
Min.	153	21	27	15	120	210	191	171	86	18	28	144
A.F.	12370	10870	11000	11060	14510	16430	13750	13420	10170	5140	7560	13200
Total acre-feet 139500 A.F.												

DAILY DIVERSIONS OF CANALS--1963
FURMAN CANAL (Combined flow, North & South) from Niobrara River--Measured through rating flume--Sec. 29-29-50 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	4	0	0	0
4	0	10	0	0	0
5	0	4	0	0	0
6	0	4	0	0	0
7	0	5	0	0	0
8	0	8	0	0	0
9	0	5	0	0	0
10	0	6	0	0	0
11	0	5	0	0	0
12	0	2	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	1	3	0	0	0
16	2	5	0	0	0
17	4	6	0	0	0
18	10	3	0	0	0
19	7	2	0	0	0
20	5	2	0	0	0
21	3	2	0	0	0
22	1	1	0	0	0
23	0	0	0	0	0
24	4	0	0	0	0
25	7	0	0	0	0
26	7	0	0	0	0
27	7	0	0	0	0
28	6	0	0	0	0
29	6	0	0	0	0
30	4	0	0	0	0
31	7	-	0	0	-
Mean	3	2	0	0	0
Max.	10	10	0	0	0
Min.	0	0	0	0	0
A.F.	160	150	0	0	0
Water diverted 310 A.F. Acreage reported D-462-255					

DAILY DIVERSIONS OF CANALS--1963
GERING CANAL from North Platte River
 Measured through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	85	90	200	220
2	0	73	84	202	206
3	0	82	103	200	166
4	0	71	138	216	169
5	0	67	172	207	172
6	0	67	164	200	157
7	27	72	164	200	153
8	92	67	216	213	173
9	84	77	212	208	172
10	112	67	220	212	156
11	124	49	220	208	141
12	160	43	224	210	145
13	160	46	220	220	152
14	164	54	223	215	151
15	191	49	226	213	151
16	171	46	228	205	155
17	162	44	215	216	155
18	166	41	197	233	158
19	143	45	200	200	143
20	115	41	228	223	165
21	122	40	220	221	154
22	115	39	223	223	81
23	105	51	223	220	51
24	113	89	221	205	88
25	100	118	220	212	92
26	78	111	227	213	86
27	96	94	203	210	88
28	96	71	200	213	87
29	96	57	203	207	70
30	76	69	200	202	0
31	86	---	202	212	-
Mean	95	64	196	211	135
Max.	191	118	228	233	220
Min.	0	39	84	200	0
A.F.	5860	3820	12070	12970	8040
Water diverted 42760 A.F. Pathfinder storage included Acreage reported A-365-14310 A.F.					

DAILY DIVERSIONS OF CANALS--1963
 GOTHENBURG CANAL from Platte River for Power and Irrigation
 Measured through Parshall flume--Sec. 28-12-26 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	84	100	177	139	130	129	0	142	218	346	411	65
2	79	98	154	133	133	146	0	109	248	354	409	59
3	104	111	125	132	139	136	0	105	228	364	407	50
4	87	114	125	130	132	100	0	133	192	371	407	94
5	84	107	128	129	129	64	0	128	154	385	411	60
6	150	132	136	121	122	28	6	93	122	392	394	45
7	138	172	132	144	116	80	78	69	102	398	390	58
8	111	165	99	170	122	135	126	68	100	398	402	50
9	99	148	66	180	126	153	150	111	114	405	411	48
10	172	167	53	118	102	139	159	119	115	394	405	50
11	126	148	53	94	91	56	156	128	96	400	405	78
12	98	142	83	85	125	0	148	119	91	398	407	60
13	129	156	126	162	126	0	139	104	93	400	405	58
14	98	180	216	139	126	0	123	109	96	394	388	52
15	87	161	128	121	129	0	109	170	172	392	392	44
16	82	157	202	115	123	0	105	207	180	398	381	53
17	108	181	165	119	102	0	102	220	162	396	405	34
18	93	162	118	93	115	0	90	218	135	396	379	25
19	87	156	115	79	132	0	88	211	226	394	310	50
20	123	170	112	102	159	0	91	146	156	416	333	44
21	104	167	109	129	89	0	89	96	129	411	288	31
22	94	162	107	133	118	0	90	175	145	407	243	21
23	91	151	104	125	159	0	91	115	140	394	130	21
24	123	177	99	132	200	0	105	103	132	402	75	80
25	100	162	95	115	148	0	95	111	118	409	43	170
26	91	156	122	115	128	0	99	118	175	402	61	142
27	95	148	139	126	138	0	139	111	197	411	43	136
28	103	188	144	122	118	0	122	104	237	407	32	144
29	94	148	145	122	---	0	125	144	292	409	35	105
30	93	135	145	130	---	0	112	185	320	411	46	14
31	99	---	142	140	---	0	---	235	---	416	75	---
Mean	104	151	125	126	128	38	91	136	163	396	288	65
Max.	172	188	216	180	200	153	159	235	320	416	411	170
Min.	79	98	53	85	91	0	0	68	91	346	32	14
A.F.	6400	8970	7670	7720	7090	2310	5430	8340	9690	24340	17700	3850

Water diverted 109510 A.F.

DAILY DIVERSIONS OF CANALS--1963
 GOTHENBURG IRRIGATION CANAL from Platte River
 Measured through Parshall flume--Sec. 28-12-26 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	58	33	139	247	0
2	0	16	64	163	251	0
3	0	31	46	218	225	0
4	0	58	23	261	228	47
5	0	36	34	305	217	4
6	0	16	36	293	175	3
7	0	38	51	295	181	29
8	0	38	71	290	200	20
9	0	80	83	280	218	30
10	0	49	66	282	210	30
11	0	61	63	295	209	50
12	0	59	58	277	200	31
13	0	45	63	289	186	32
14	0	55	81	267	166	0
15	0	106	125	268	190	0
16	0	44	43	230	192	0
17	0	49	35	218	198	0
18	0	42	82	238	152	0
19	0	47	109	231	79	0
20	0	7	28	247	92	0
21	0	52	67	223	83	0
22	0	99	91	229	40	0
23	0	42	85	266	22	0
24	0	60	79	275	60	0
25	15	59	84	256	38	0
26	36	87	125	275	0	0
27	44	78	97	267	0	0
28	5	62	114	259	0	0
29	35	95	116	263	0	0
30	29	89	132	270	0	0
31	---	50	---	272	0	---
Mean	5	55	73	256	131	9
Max.	44	106	132	305	251	50
Min.	0	7	23	139	0	0
A.F.	320	3390	4330	15750	8050	550

Water diverted 32390 A.F.
 Sutherland storage included
 Acreage reported D-645a-860; D-645b-17000;
 A-3716-4585; Total-22445

DAILY DIVERSIONS OF CANALS--1963
GOTHENBURG POWER RETURN to Platte River
Measured through section of canal--Sec. 9-11-25 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	84	89	139	121	115	133	4	69	152	170	135	54
2	75	90	143	112	88	140	4	77	151	157	130	48
3	73	100	121	117	111	127	3	61	149	120	149	43
4	40	98	114	131	111	78	3	62	139	90	147	38
5	76	106	117	107	108	46	4	76	98	66	159	46
6	107	108	126	100	105	51	5	63	71	82	180	34
7	141	156	135	78	104	96	20	27	42	85	172	24
8	103	170	127	142	104	127	108	26	24	88	166	25
9	108	164	76	179	107	147	149	27	25	103	158	15
10	119	163	62	123	94	145	158	57	40	92	160	17
11	152	165	20	36	89	77	158	56	27	87	161	23
12	120	146	33	68	97	8	162	49	27	99	170	24
13	80	146	66	108	114	3	144	48	25	91	180	22
14	106	161	53	142	122	2	123	44	13	104	182	32
15	80	168	48	160	116	2	116	53	38	102	166	27
16	72	165	44	117	106	2	103	134	113	138	155	40
17	78	130	64	122	97	2	103	141	104	146	170	33
18	83	150	100	102	100	2	93	144	43	130	187	23
19	85	133	112	70	109	2	78	135	96	134	199	22
20	96	128	117	66	124	3	83	114	105	139	201	32
21	104	173	116	88	95	2	86	36	51	154	168	32
22	83	166	117	104	87	3	79	63	44	146	167	24
23	86	159	70	110	112	3	76	60	45	105	88	20
24	97	172	55	103	109	3	68	35	43	104	13	32
25	100	174	90	99	113	3	66	43	28	126	4	126
26	91	168	140	113	112	3	52	26	41	104	6	123
27	104	142	146	112	133	4	78	27	83	118	18	120
28	105	166	167	104	110	4	96	34	101	122	22	132
29	88	168	137	100	---	5	74	40	144	120	18	114
30	87	130	126	100	---	4	68	79	154	116	25	20
31	85	---	136	102	---	4	---	152	---	118	46	---
Mean	91	145	101	108	107	40	79	66	74	115	126	46
Max.	141	174	167	179	133	147	162	144	154	170	201	132
Min.	40	89	20	36	87	2	3	26	13	66	4	15
A.F.	5570	8640	6180	6620	5940	2440	4690	4080	4400	7050	7740	2700

Water returned 66050 A.F.

DAILY DIVERSIONS OF CANALS--1963
GRAF CANAL from Blue Creek--Measured
through Parshall flume--Sec. 19-16-42 W.

Date	Oct.	Nov.	June	July	Aug.	Sept.
1	5	0	9	13	0	25
2	5	0	9	14	11	21
3	5	0	8	12	4	21
4	5	0	7	10	3	18
5	2	0	7	11	1	17
6	0	0	7	0	0	16
7	0	0	7	0	0	14
8	0	0	6	0	0	14
9	0	0	5	0	0	14
10	0	0	8	0	0	15
11	0	0	12	0	0	14
12	0	0	13	0	0	14
13	0	0	9	0	0	14
14	0	0	9	0	0	14
15	0	0	8	0	0	14
16	0	0	8	0	0	9
17	0	0	8	0	0	2
18	0	0	7	0	0	9
19	0	0	6	0	0	8
20	0	0	8	0	0	9
21	0	0	10	0	5	11
22	0	7	11	0	14	11
23	0	11	10	0	16	10
24	0	12	5	0	18	10
25	0	13	2	0	18	10
26	0	14	4	0	18	10
27	0	13	3	0	20	10
28	0	11	7	0	16	9
29	0	11	12	0	18	10
30	0	12	11	0	19	10
31	0	10	---	0	19	---
Mean	1	4	8	2	6	13
Max.	5	14	13	14	20	25
Min.	0	0	2	0	0	2
A.F.	40	230	470	120	390	760

Water diverted 2010 A.F.
Acreage reported D-763R-85; D-781R-15;
D-788-1989; Total-2089

DAILY DIVERSIONS OF CANALS--1963
HAIOLER CANAL from Republican River
Measured through section of canal--Sec. 2-1-43 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	55	13	39	42	30	34	21
2	0	22	39	42	32	41	21
3	0	22	39	41	32	41	21
4	0	22	39	41	31	47	21
5	0	22	0	41	34	47	25
6	0	22	39	53	32	54	23
7	0	22	26	47	34	46	20
8	0	28	21	44	32	58	0
9	0	0	25	44	28	46	25
10	0	25	25	33	38	39	20
11	0	28	25	33	36	39	20
12	0	28	32	33	45	39	20
13	0	28	32	34	45	39	0
14	0	22	32	32	32	39	0
15	0	28	33	30	33	36	31
16	0	34	37	49	36	37	31
17	0	47	37	49	33	34	31
18	0	47	37	43	33	21	45
19	0	47	37	37	29	36	45
20	0	40	44	37	30	36	52
21	0	47	31	37	33	33	0
22	0	47	31	31	36	33	0
23	0	47	31	31	33	33	32
24	0	51	34	32	33	33	26
25	0	47	36	32	35	0	21
26	0	47	31	32	33	33	21
27	0	47	31	32	62	33	21
28	0	39	31	30	47	33	21
29	0	39	43	32	41	45	21
30	0	39	43	26	31	33	21
31	0	---	43	---	34	21	---
Mean	2	33	33	37	35	37	22
Max.	55	51	44	53	62	58	52
Min.	0	0	0	26	28	0	0
A.F.	110	1980	2030	2220	2170	2260	1300

*Water diverted 12070 A.F.
Supplemental storage included
Acreage reported D-1025-2019 in Nebraska
*Includes diversion for Colorado Lands

DAILY DIVERSIONS OF CANALS--1963
HARRIS-NEEGE CANAL from Niobrara River
Measured through rating flume--Sec. 3-28-55 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	12	3	0	8	11	3	11
2	12	5	0	8	11	1	10
3	11	6	0	8	12	0	0
4	10	6	0	8	12	0	0
5	10	6	0	9	12	3	0
6	12	0	2	8	13	13	0
7	12	0	8	10	13	13	0
8	12	0	13	11	14	12	0
9	12	0	12	12	14	11	0
10	11	7	12	12	14	10	0
11	12	7	12	11	4	10	0
12	11	7	11	11	3	10	0
13	10	7	10	11	12	11	0
14	11	7	11	11	12	10	0
15	12	7	11	13	12	10	0
16	12	7	11	14	12	9	0
17	12	7	11	15	12	9	0
18	12	7	11	15	11	9	0
19	12	7	12	15	11	9	0
20	12	0	11	15	11	9	0
21	12	0	11	14	11	9	0
22	11	0	9	14	11	9	0
23	11	0	9	13	11	10	0
24	12	0	7	13	13	9	0
25	12	0	7	13	14	9	0
26	12	0	7	13	13	9	0
27	12	0	8	12	13	9	0
28	7	0	9	12	13	9	0
29	7	0	8	12	13	9	0
30	7	0	8	11	13	9	0
31	5	-	8	-	12	10	-
Mean	11	3	8	12	12	8	1
Max.	12	7	13	15	14	13	11
Min.	5	0	0	8	3	0	0
A.F.	670	190	500	700	720	520	40

Water diverted 3340 A.F.
Acreage reported D-517-600; A-2275-509; Total-1109

DAILY DIVERSIONS OF CANALS--1963
GEO HITSHEW CANAL from Niobrara River
Measured through rating flume--Sec. 6-28-52 W.

Date	Oct.	Nov.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	2	0	2	4	2	2	4	0
2	0	2	0	1	3	1	1	4	0
3	3	3	0	1	3	2	2	4	2
4	5	2	0	1	3	2	2	4	1
5	4	2	0	1	3	0	2	4	0
6	5	3	0	1	4	0	1	1	0
7	5	3	0	0	4	0	1	0	0
8	5	0	0	0	3	0	2	0	0
9	5	0	0	0	2	0	2	0	0
10	3	0	0	0	2	0	2	0	0
11	3	0	0	0	3	0	3	0	0
12	4	0	0	0	2	0	3	0	0
13	4	0	0	0	2	0	3	0	0
14	3	0	0	0	1	0	3	0	0
15	3	0	0	0	1	0	2	0	0
16	3	0	0	0	1	0	2	0	0
17	3	0	0	0	1	0	2	2	0
18	2	0	0	0	1	0	2	3	0
19	3	0	0	0	1	0	3	3	0
20	3	0	0	0	2	0	3	3	0
21	3	0	0	0	1	0	1	3	0
22	3	0	0	0	1	0	0	3	0
23	2	0	0	0	1	0	0	3	0
24	2	0	0	0	1	0	3	3	0
25	2	0	0	2	1	0	3	3	0
26	2	0	0	4	1	0	3	2	0
27	2	0	1	4	1	1	3	2	0
28	3	0	3	4	0	3	4	3	0
29	3	0	3	4	1	3	4	2	0
30	2	0	3	4	2	3	4	3	0
31	2	-	3	-	2	-	4	1	-
Mean	3	1	0	1	2	1	2	2	0
Max.	5	3	3	4	4	3	4	4	2
Min.	0	0	0	0	0	0	0	0	0
A.F.	180	30	30	60	100	40	140	120	10

Water diverted 710 A.F.
Acreage reported A-1260-180

DAILY DIVERSIONS OF CANALS--1963
HOOPER CANAL from Blue Creek--Measured
through 3-foot Parshall flume--Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	7	13	12	17
2	9	0	10	10	13	17
3	10	0	7	11	12	8
4	8	0	6	12	12	9
5	7	0	5	13	10	0
6	17	0	4	12	0	0
7	8	6	2	12	4	0
8	4	12	6	11	12	0
9	4	12	12	12	11	0
10	6	10	14	13	11	0
11	9	8	11	12	11	0
12	9	10	5	12	11	0
13	10	9	4	11	11	0
14	10	9	9	10	11	0
15	8	12	9	10	11	0
16	0	14	10	11	10	0
17	0	18	9	12	10	0
18	0	14	11	12	12	0
19	0	14	13	11	5	0
20	0	13	13	11	0	0
21	0	12	13	12	0	0
22	0	12	14	12	0	0
23	0	12	14	12	7	0
24	0	14	13	12	10	0
25	0	12	12	12	8	0
26	0	5	11	12	11	0
27	0	9	12	12	12	0
28	0	15	10	12	10	0
29	0	11	12	12	14	0
30	0	8	12	12	12	0
31	0	11	-	12	8	-
Mean	4	9	10	12	9	2
Max.	17	18	14	13	14	17
Min.	0	0	4	10	0	0
A.F.	260	560	570	720	560	100

Water diverted 2770 A.F.
Acreage reported D-781-858; D-788R-19;
Total-877

DAILY DIVERSIONS OF CANALS--1963
HUGHES CANAL from Niobrara River
Measured through rating flume--Sec. 1-28-52 W.

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

Water diverted 100 A.F.
Acreage reported D-987a-40; D-987b-20;
Total-60

DAILY DIVERSIONS OF CANALS--1963
 INTERSTATE CANAL from North Platte River
 Measured through rating flume--Sec. 11-26-65 W., Wyo.

Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	844	1170	0	1921	2059	1709
2	0	844	1164	0	1934	2056	1722
3	0	844	1182	0	1940	2063	1746
4	0	842	1315	0	1950	2056	1670
5	0	842	1344	0	1973	2059	1650
6	0	847	1408	0	1993	2066	1647
7	0	853	1505	0	2003	2076	1637
8	0	858	1590	0	2020	2086	1640
9	0	874	1590	0	2033	2082	1650
10	0	902	1630	0	2036	2079	1650
11	0	904	1653	0	2036	2082	1653
12	0	904	1647	0	2053	2076	1643
13	0	904	1647	0	2046	2072	1640
14	0	899	1643	0	2043	2072	1653
15	0	896	1647	0	2046	2066	1666
16	0	890	1630	0	2036	2056	1673
17	0	888	1574	0	2033	2046	1680
18	0	888	1328	0	2039	1921	1689
19	0	893	932	0	2043	1898	1683
20	0	890	617	0	2049	1874	1676
21	0	893	165	0	2056	1795	1604
22	0	896	0	0	2053	1758	1538
23	0	902	0	0	2059	1805	1544
24	0	896	0	251	2063	1798	1551
25	200	809	0	612	2066	1802	1508
26	512	888	0	1067	2063	1845	1495
27	782	888	0	1322	2069	1828	1501
28	847	882	0	1623	2079	1831	1225
29	847	885	0	1825	2082	1831	996
30	847	1078	0	1871	2086	1879	869
31	847	-----	0	-----	2069	1845	---
Mean	157	834	916	286	2031	1970	1570
Max.	847	1078	1653	1871	2086	2086	1746
Min.	0	842	0	0	1921	1795	869
A.F.	9680	52610	56290	17000	124910	121110	93440

Water diverted 475040 A.F.
 Pathfinder storage included
 Acreage reported A-768 Nebr-111699; A-768 Wyo-13375;
 Total-125074

DAILY DIVERSIONS OF CANALS--1963
 HURLEY-LILLY-POLLY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 26-15-56 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	5	2	2	1	2
2	0	6	2	2	1	2
3	0	6	3	2	1	2
4	0	4	3	1	1	0
5	0	4	3	1	2	0
6	0	5	3	1	1	3
7	0	4	2	1	1	2
8	0	0	2	1	1	2
9	0	0	2	2	1	0
10	0	0	2	2	1	0
11	0	0	2	2	1	0
12	0	0	2	2	1	0
13	0	0	2	2	0	0
14	0	0	2	2	2	0
15	0	0	2	2	2	0
16	0	0	2	1	2	0
17	0	0	2	1	2	0
18	0	0	0	1	2	0
19	0	0	0	1	2	0
20	0	3	0	1	1	0
21	0	3	0	1	1	0
22	0	3	0	1	1	0
23	0	2	0	1	1	0
24	0	3	0	1	0	0
25	0	2	1	1	0	0
26	0	3	1	1	2	0
27	0	3	1	1	2	0
28	0	0	1	1	2	0
29	0	1	3	1	2	0
30	5	2	2	1	2	0
31	-	2	-	1	2	-
Mean	0	2	2	1	1	0
Max.	5	6	3	2	2	3
Min.	0	0	0	1	0	0
A.F.	10	120	90	80	80	30

Water diverted 410 A.F.
 Acreage reported D-354-180; A-4818-67;
 Total-247

DAILY DIVERSIONS OF CANALS--1963
 JOHNSON CANAL from Niobrara River--Measured
 through 1 1/2-foot Parshall flume--Sec. 35-31-57 W.

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

Water diverted 90 A.F.
 Acreage reported D-511-146

DAILY DIVERSIONS OF CANALS--1963
KEARNEY CANAL from Platte River
Measured through 15-foot Parshall flume--Sec. 33-9-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	315	0	0	0	0	0	0	0	76	74	60	137
2	317	0	0	0	0	0	0	0	118	70	58	187
3	317	0	0	0	0	0	0	0	240	62	65	298
4	315	0	0	0	0	0	0	0	283	49	89	285
5	191	0	0	0	0	0	0	0	249	40	112	285
6	82	0	0	0	0	0	0	0	244	34	112	218
7	77	0	0	0	0	0	0	0	272	49	98	153
8	49	0	0	0	0	0	0	0	232	50	98	203
9	30	0	0	0	0	0	0	0	242	50	134	212
10	27	0	0	0	0	0	0	0	212	41	88	226
11	17	0	0	0	0	0	0	0	224	62	63	296
12	0	0	0	0	0	0	0	8	160	98	82	296
13	0	0	0	0	0	0	0	232	187	102	80	296
14	0	0	0	0	0	0	0	247	193	173	65	283
15	0	0	0	0	0	0	0	149	132	310	53	283
16	0	0	0	0	0	0	0	193	218	289	45	289
17	0	0	0	0	0	0	0	170	244	285	45	301
18	0	0	0	0	0	0	0	89	274	310	106	317
19	0	0	0	0	0	0	0	127	274	242	137	320
20	0	0	0	0	0	0	0	287	294	173	125	305
21	0	0	0	0	0	0	0	280	263	179	115	303
22	0	0	0	0	0	0	0	269	205	158	106	272
23	0	0	0	0	0	0	0	263	153	151	101	232
24	0	0	0	0	0	0	0	285	183	112	90	212
25	0	0	0	0	0	0	0	130	201	84	136	232
26	0	0	0	0	0	0	0	95	149	65	195	269
27	0	0	0	0	0	0	0	263	162	69	183	267
28	0	0	0	0	0	0	0	260	115	57	148	251
29	0	0	0	0	-	0	0	175	100	49	134	240
30	0	0	0	0	-	0	0	102	89	53	134	260
31	0	-	0	0	-	0	-	189	-	66	160	---
Mean	56	0	0	0	0	0	0	123	200	116	104	258
Max.	317	0	0	0	0	0	0	287	294	310	195	320
Min.	0	0	0	0	0	0	0	0	76	34	45	137
A.F.	3450	0	0	0	0	0	0	7560	11880	7150	6380	15330

Water diverted 51750 A.F.
Sutherland storage available
Acreage reported D-1023-3932; A-8399-1688; Total-5620

DAILY DIVERSIONS OF CANALS--1963
KEARNEY POWER RETURN to Platte River
Measured in section of canal--Sec. 35-9-16 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	224	0	0	0	0	0	0	0	94	31	0	99
2	279	0	0	0	0	0	0	0	69	2	0	82
3	258	0	0	0	0	0	0	0	152	1	0	202
4	275	0	0	0	0	0	0	0	229	5	0	237
5	252	0	0	0	0	0	0	0	229	7	0	241
6	46	0	0	0	0	0	0	0	201	2	27	216
7	10	0	0	0	0	0	0	0	231	0	20	164
8	0	0	0	0	0	0	0	0	140	1	18	90
9	0	0	0	0	0	0	0	0	133	1	68	220
10	0	0	0	0	0	0	0	0	188	1	62	148
11	0	0	0	0	0	0	0	0	198	1	36	223
12	0	0	0	0	0	0	0	0	155	1	32	251
13	0	0	0	0	0	0	0	4	147	11	43	251
14	0	0	0	0	0	0	0	131	138	46	32	126
15	0	0	0	0	0	0	0	148	108	160	11	107
16	0	0	0	0	0	0	0	113	133	215	2	227
17	0	0	0	0	0	0	0	182	199	192	2	261
18	0	0	0	0	0	0	0	75	208	213	4	273
19	0	0	0	0	0	0	0	67	219	206	95	275
20	0	0	0	0	0	0	0	171	233	114	83	261
21	0	0	0	0	0	0	0	208	240	93	65	116
22	0	0	0	0	0	0	0	205	128	96	50	112
23	0	0	0	0	0	0	0	196	73	68	43	199
24	0	0	0	0	0	0	0	208	142	51	32	195
25	0	0	0	0	0	0	0	191	140	28	18	168
26	0	0	0	0	0	0	0	57	133	4	96	219
27	0	0	0	0	0	0	0	154	102	0	89	224
28	0	0	0	0	0	0	0	210	90	0	84	102
29	0	0	0	0	-	0	0	202	65	0	50	87
30	0	0	0	0	-	0	0	77	60	0	85	184
31	0	-	0	0	-	0	-	196	-	0	59	---
Mean	43	0	0	0	0	0	0	90	153	50	39	185
Max.	279	0	0	0	0	0	0	210	240	215	96	275
Min.	0	0	0	0	0	0	0	0	60	0	0	82
A.F.	2670	0	0	0	0	0	0	5540	9080	3070	2390	11030

Water returned 33780 A.F.

DAILY DIVERSIONS OF CANALS--1963
 KEITH-LINCOLN COUNTY CANAL from North Platte River
 Measured through Parshall flume--Sec. 13-14-36 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	72	51	0	39	86	0	39
2	64	51	0	19	88	0	38
3	63	51	39	32	86	0	35
4	60	51	51	38	87	37	28
5	61	51	45	42	87	80	38
6	69	51	53	30	85	79	38
7	71	51	52	46	87	78	39
8	56	27	51	43	86	79	44
9	54	0	61	71	85	79	38
10	53	0	45	64	85	79	25
11	53	0	47	68	84	83	34
12	53	0	64	64	87	80	42
13	53	0	43	62	87	75	30
14	53	0	35	64	84	76	25
15	65	0	33	70	82	70	21
16	58	0	41	67	84	14	25
17	56	0	41	65	88	8	20
18	56	0	41	61	89	0	22
19	56	0	41	75	87	0	26
20	55	0	45	58	87	14	28
21	55	0	53	51	86	30	26
22	54	0	60	75	86	44	20
23	54	0	60	83	85	46	19
24	54	0	57	79	86	30	19
25	53	0	56	81	88	39	18
26	53	0	56	82	88	48	21
27	52	0	54	84	33	53	22
28	52	0	51	86	5	53	19
29	51	0	53	88	4	55	18
30	52	0	55	84	2	47	18
31	51	-	54	-	1	38	-
Mean	57	13	46	62	74	46	28
Max.	72	51	64	88	89	83	44
Min.	51	0	0	19	1	0	18
A.F.	3500	760	2850	3710	4530	2800	1660

Water diverted 19810
 Acreage reported D-722-6146

DAILY DIVERSIONS OF CANALS--1963
 KIMBALL CANAL from Lodgepole Creek
 Measured through section of canal--Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	17	41	35	0
2	0	14	37	36	0
3	0	29	37	37	0
4	0	42	41	34	0
5	0	43	44	34	0
6	0	32	42	0	0
7	0	31	41	0	0
8	0	34	42	0	0
9	0	30	38	0	0
10	0	35	42	0	0
11	0	38	35	0	0
12	0	38	38	37	0
13	0	38	26	35	0
14	0	47	24	34	0
15	0	43	30	24	0
16	0	0	29	26	0
17	0	0	32	26	0
18	0	0	30	0	0
19	0	0	31	0	0
20	0	0	31	0	0
21	0	61	0	0	0
22	0	57	0	0	0
23	0	45	0	0	0
24	0	43	0	0	0
25	0	45	0	0	0
26	0	47	0	0	0
27	0	42	0	0	0
28	0	40	49	0	0
29	0	51	47	0	0
30	0	46	49	0	0
31	0	--	35	0	-
Mean	0	33	29	12	0
Max.	0	61	49	37	0
Min.	0	0	0	0	0
A.F.	0	1960	1770	710	0

Water diverted 4440 A.F.
 Oliver Reservoir storage included
 Acreage reported A-897-4500

DAILY DIVERSIONS OF CANALS--1963
 LaBELLE CANAL from Niobrara River--Measured
 through rating flume--Sec. 6-28-54 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	0	3	0	0	4	4	7	0
2	0	3	0	0	4	4	7	0
3	0	2	0	0	4	3	7	0
4	0	2	0	0	4	3	8	0
5	0	2	0	0	4	3	8	0
6	0	3	0	2	2	3	3	0
7	0	4	0	5	0	3	1	0
8	0	5	0	5	0	3	1	0
9	0	6	0	4	0	3	2	0
10	0	0	2	4	0	4	5	3
11	1	0	5	4	0	4	4	6
12	1	0	5	4	0	4	0	6
13	1	0	5	4	0	4	0	6
14	1	0	5	4	0	4	0	6
15	1	0	5	4	0	3	0	6
16	1	0	5	4	0	3	0	6
17	1	0	5	4	0	1	0	6
18	2	0	5	4	0	0	0	6
19	6	0	5	4	0	0	0	6
20	5	0	4	4	0	0	0	6
21	5	0	0	4	0	1	0	7
22	5	0	0	4	0	1	0	7
23	5	0	0	4	1	2	0	7
24	5	0	0	4	3	4	0	6
25	4	0	0	4	3	5	0	6
26	4	0	0	4	3	5	0	6
27	4	0	0	4	3	5	0	6
28	4	0	0	4	3	7	0	6
29	4	0	0	4	3	6	0	6
30	4	0	0	4	3	7	0	6
31	3	-	-	4	-	6	0	-
Mean	2	1	2	3	1	3	2	4
Max.	6	6	5	5	4	7	8	7
Min.	0	0	0	0	0	0	0	0
A.F.	130	60	100	210	90	210	100	250

Water diverted 1150 A.F.
 Acreage reported D-518-140; A-60-220; Total-360

DAILY DIVERSIONS OF CANALS--1963
 LAKOTA CANAL from Niobrara River--Measured
 through 2-foot Parshall flume--Sec. 1-30-57 W.

Date	Oct.	Nov.	Dec.	Apr.	May	June	July	Aug.	Sept.
1	2	5	5	0	6	3	3	3	5
2	5	4	5	0	6	3	3	3	5
3	5	4	5	0	6	3	2	3	4
4	4	4	0	0	5	4	2	3	3
5	4	3	0	0	6	5	2	3	3
6	5	3	0	0	7	5	4	3	3
7	5	2	0	0	7	5	4	2	3
8	4	2	0	0	6	5	3	2	3
9	4	3	0	0	6	5	1	2	3
10	4	3	0	0	5	5	0	4	3
11	4	3	0	2	5	4	0	3	3
12	4	4	0	2	5	4	0	3	3
13	5	5	0	3	4	4	0	3	3
14	5	5	0	4	3	4	0	3	3
15	5	6	0	5	3	4	2	3	3
16	5	6	0	5	3	4	3	3	3
17	5	6	0	6	3	4	3	3	4
18	5	6	0	7	3	4	3	3	3
19	5	6	0	7	3	4	3	3	3
20	5	6	0	7	4	4	3	3	3
21	5	6	0	7	3	4	3	3	4
22	5	6	0	6	3	4	3	3	4
23	5	2	0	6	3	4	3	3	4
24	5	3	0	6	5	4	3	3	4
25	4	3	0	6	5	4	3	3	4
26	5	3	0	6	3	4	3	3	4
27	5	4	0	6	6	3	2	2	4
28	5	4	0	6	5	3	4	2	4
29	5	5	0	6	3	2	4	3	4
30	5	5	0	6	3	3	2	2	4
31	5	-	0	-	3	-	3	3	-
Mean	5	4	0	4	4	4	3	3	4
Max.	5	6	5	7	7	6	5	4	5
Min.	2	2	0	0	3	2	0	2	3
A.F.	280	250	30	220	280	240	160	170	210

Water diverted 1840 A.F.
 Acreage reported D-554-410

DAILY DIVERSIONS OF CANALS--1963
 LAST CHANCE CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 27-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	10	3	2	6
2	2	0	11	3	2	6
3	2	0	12	4	2	6
4	2	0	12	3	2	6
5	2	0	11	3	2	6
6	1	0	8	3	2	5
7	0	0	7	3	2	5
8	0	0	7	2	2	6
9	0	0	7	2	2	6
10	0	0	7	2	2	6
11	0	0	7	1	2	6
12	0	0	7	2	2	7
13	0	0	6	2	2	6
14	0	0	7	1	2	6
15	0	10	8	1	2	6
16	0	9	7	1	2	7
17	0	10	7	2	2	7
18	0	10	7	2	2	6
19	0	10	8	2	3	7
20	0	10	13	2	7	7
21	0	11	19	5	5	7
22	0	11	3	13	5	7
23	0	11	0	6	5	7
24	0	11	0	6	5	7
25	0	11	0	5	5	7
26	0	11	1	4	5	7
27	0	10	3	3	5	7
28	0	10	3	3	5	7
29	0	8	3	3	5	7
30	0	9	3	3	5	7
31	0	9	-	3	5	-
Mean	0	6	7	3	3	6
Max.	2	11	19	13	7	7
Min.	0	0	0	1	2	5
A.F.	20	340	410	190	200	380

Water diverted 1540 A.F.
 Acreage reported D-883-442

DAILY DIVERSIONS OF CANALS--1963
 LICHTE CANAL from Niobrara River--Measured
 through Parshall flume--Sec. 27-29-48 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	4	0	1	0	0	0
2	0	5	0	1	0	0	0
3	0	5	0	1	4	0	0
4	0	5	0	1	6	0	0
5	0	5	0	2	4	0	0
6	0	4	0	2	3	1	0
7	0	4	0	2	1	0	0
8	0	4	0	3	0	0	0
9	0	5	0	3	0	0	0
10	0	5	0	3	0	0	0
11	0	5	0	3	0	0	0
12	0	5	0	3	0	0	0
13	0	2	0	2	0	0	0
14	0	0	0	3	0	2	0
15	0	0	0	4	1	8	0
16	0	0	1	4	4	8	0
17	0	0	2	7	4	7	0
18	0	0	3	7	4	7	0
19	0	0	5	2	5	7	0
20	0	0	4	1	7	7	0
21	0	0	8	0	6	7	0
22	0	0	8	0	4	6	0
23	0	0	8	0	4	6	0
24	1	0	8	0	5	5	0
25	2	0	5	0	7	5	0
26	3	0	3	1	8	4	0
27	4	0	2	0	7	0	0
28	5	0	2	0	5	0	0
29	3	0	2	0	4	0	0
30	4	0	2	0	2	0	0
31	4	-	2	-	1	0	-
Mean	1	2	2	2	3	3	0
Max.	5	5	8	7	8	8	0
Min.	0	0	0	0	0	0	0
A.F.	50	120	130	110	190	160	0

Water diverted 760 A.F.
 Acreage reported D-479-101; A-1086-180; A-1088-31;
 A-1152-17; A-2523-205; A-2837-102; A-3592-46;
 Total-682

DAILY DIVERSIONS OF CANALS--1963
 LISCO CANAL from North Platte River
 Measured over weir--Sec. 14-18-47 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	28	0	19	29	40	19	18
2	26	0	17	37	50	22	19
3	24	0	22	29	47	21	29
4	22	0	21	7	30	20	27
5	22	0	31	8	31	20	19
6	24	0	34	31	21	24	12
7	26	0	41	11	20	21	13
8	26	0	28	8	21	17	14
9	23	0	19	17	23	19	12
10	23	0	35	0	22	19	17
11	22	0	49	0	29	19	7
12	22	0	41	1	27	23	6
13	0	0	37	9	19	21	11
14	0	0	44	14	23	26	7
15	0	0	54	0	23	23	0
16	0	0	58	24	24	21	0
17	0	0	55	22	21	23	16
18	0	0	45	21	21	21	26
19	0	0	42	19	23	21	24
20	0	0	48	13	24	20	23
21	0	0	45	10	23	32	18
22	0	0	42	0	28	37	9
23	0	0	43	0	30	32	6
24	0	0	40	14	24	31	7
25	0	0	40	26	23	30	4
26	0	5	37	11	21	29	3
27	0	18	34	9	24	25	0
28	0	16	45	20	24	24	0
29	0	19	42	31	22	25	0
30	0	20	46	37	23	28	0
31	0	--	33	--	19	34	-
Mean	9	3	38	15	26	24	12
Max.	28	20	58	37	50	37	29
Min.	0	0	17	0	19	17	0
A.F.	570	150	2350	910	1590	1480	690

Water diverted 7740 A.F.
 Acreage reported D-856-1391; D-787R-914; A-243R-736;
 A-991-216; A-4658-112; A-5572-98; Total-3467

DAILY DIVERSIONS OF CANALS--1963
 MCGINLEY-STOVER CANAL (North) from Niobrara River
 Measured through rating flume--Sec. 25-29-56 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	6	0	8	0	0	0
2	2	6	0	8	0	0	0
3	6	6	0	8	0	0	0
4	6	6	2	8	0	0	0
5	6	6	12	7	0	0	0
6	6	6	12	8	0	0	0
7	6	6	12	8	0	0	0
8	6	6	11	8	0	0	0
9	6	7	10	8	0	0	0
10	6	7	10	8	0	0	0
11	5	7	8	9	0	0	0
12	5	7	6	8	0	0	0
13	6	6	6	8	0	0	0
14	6	6	6	7	0	0	0
15	6	7	6	0	0	0	0
16	6	6	6	0	0	0	0
17	6	6	8	0	0	0	0
18	6	6	8	0	0	0	0
19	6	6	8	0	0	0	0
20	6	6	7	0	0	0	0
21	6	2	7	0	0	0	0
22	5	0	7	0	0	0	0
23	6	0	7	0	0	0	0
24	6	0	8	0	0	0	0
25	6	0	8	0	0	0	0
26	6	0	8	0	0	0	0
27	6	0	8	0	0	0	0
28	6	0	8	0	0	0	0
29	6	0	8	0	0	0	0
30	6	0	8	0	0	0	0
31	6	-	8	-	0	0	-
Mean	6	4	7	4	0	0	0
Max.	6	7	12	9	0	0	0
Min.	0	0	0	0	0	0	0
A.F.	340	250	450	220	0	0	0

Water diverted 1260 A.F.
 Acreage reported D-513a-575; D-980-86; Total-661

DAILY DIVERSIONS OF CANALS--1963
 MCGINLEY-STOVER CANAL (South) from Niobrara River
 Measured through rating flume--Sec. 25-29-56 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	2	2	0	1	0	0	0
2	2	2	0	1	0	0	0
3	1	2	0	1	0	0	0
4	0	2	0	1	0	0	0
5	0	2	0	1	0	0	0
6	0	2	0	1	0	0	0
7	0	2	0	1	0	0	0
8	0	3	0	2	0	0	0
9	0	3	0	2	0	0	0
10	0	3	0	3	0	0	0
11	0	3	3	2	0	0	0
12	0	3	6	2	0	0	0
13	0	2	6	1	0	0	0
14	0	2	6	0	0	0	0
15	0	3	7	0	0	0	0
16	0	3	4	0	0	0	0
17	0	3	2	0	0	0	0
18	0	3	1	0	0	0	0
19	0	3	2	0	0	0	0
20	0	1	1	0	0	0	0
21	0	0	1	0	0	0	0
22	0	0	1	0	0	0	0
23	0	0	1	0	0	0	0
24	0	0	1	0	0	0	0
25	0	0	1	0	0	0	0
26	0	0	2	0	0	0	0
27	0	0	3	0	0	0	0
28	0	0	2	0	0	0	0
29	2	0	2	0	0	0	0
30	3	0	2	0	0	0	0
31	2	-	2	-	0	0	-
Mean	0	2	2	1	0	0	0
Max.	3	3	7	3	0	0	0
Min.	0	0	0	0	0	0	0
A.F.	20	100	110	40	0	0	0

Water diverted 270 A.F.
 Acreage reported D-513b-120

DAILY DIVERSIONS OF CANALS--1963
 McINTOSH CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 23-15-55 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	3	3	0	1	4
2	0	3	3	0	1	4
3	0	3	3	0	1	4
4	0	3	3	0	1	4
5	0	3	3	0	1	4
6	0	3	3	0	1	4
7	0	3	3	0	1	4
8	0	3	3	3	1	4
9	0	3	3	3	2	4
10	0	3	3	3	2	4
11	0	3	3	0	3	4
12	0	2	3	3	2	4
13	0	3	3	3	3	4
14	0	3	3	3	3	4
15	0	3	3	3	3	4
16	0	3	3	2	3	4
17	0	3	3	2	2	3
18	0	3	3	3	3	2
19	0	3	3	2	2	2
20	0	2	3	2	1	2
21	0	3	3	2	1	3
22	0	3	3	2	1	3
23	0	3	3	3	1	5
24	0	4	3	2	2	7
25	0	4	3	2	3	7
26	0	4	3	2	2	7
27	0	4	3	2	7	7
28	0	4	3	2	7	6
29	0	4	0	2	3	6
30	3	4	0	2	3	6
31	-	4	-	2	3	-
Mean	0	3	3	2	2	4
Max.	3	4	3	3	7	7
Min.	0	2	0	0	1	2
A.F.	10	190	170	110	140	250

Water diverted 870 A.F.
 Acreage reported D-351-176; A-734-122;
 Total-298

DAILY DIVERSIONS OF CANALS--1963
 McLAUGHLIN CANAL from Niobrara River
 Measured through rating flume--Sec. 9-28-52 W.

Date	Oct.	Nov.	Dec.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1	0	1	0	0	3	2	3	1	5
2	1	0	1	0	0	3	2	4	2	4
3	1	0	1	0	4	3	2	4	4	3
4	1	0	1	0	4	3	4	3	5	3
5	1	1	0	0	4	3	7	2	5	3
6	1	1	0	0	4	3	7	3	6	3
7	1	2	0	0	4	3	7	0	6	3
8	1	2	0	0	4	2	8	0	5	3
9	0	2	0	0	4	2	8	0	2	3
10	0	2	0	0	4	1	8	0	2	3
11	0	1	0	0	4	0	6	1	2	3
12	0	1	0	0	4	0	6	1	2	3
13	1	1	0	0	4	0	6	1	2	3
14	1	1	0	0	4	0	6	3	2	3
15	1	1	0	0	4	0	6	5	2	3
16	1	2	0	0	4	0	6	4	2	3
17	1	2	0	0	4	0	4	4	2	2
18	1	2	0	0	4	0	2	3	1	2
19	1	2	0	0	4	0	2	4	2	3
20	1	2	0	0	4	0	2	3	2	3
21	0	2	0	0	3	0	2	3	1	3
22	0	3	0	0	4	0	4	4	2	3
23	0	3	0	0	4	0	9	5	4	3
24	0	2	0	0	4	0	8	0	4	3
25	0	1	0	0	3	3	7	0	4	3
26	0	1	0	0	3	4	7	0	3	3
27	0	1	0	4	3	2	5	0	4	3
28	0	1	0	7	4	2	5	0	4	3
29	0	1	0	6	4	2	4	0	4	3
30	0	1	0	2	3	2	3	0	4	3
31	0	-	0	0	-	2	-	0	5	-
Mean	1	1	0	1	4	1	5	2	3	3
Max.	1	3	1	7	4	4	9	5	6	5
Min.	0	0	0	0	0	0	2	0	1	3
A.F.	30	80	10	40	210	90	310	120	190	180

Water diverted 1260 A.F.
 Acreage reported D-566-500

DAILY DIVERSIONS OF CANALS--1963
 MEEKER-DRIFTWOOD CANAL from Republican River
 Measured through 12-foot Parshall flume--Sec. 8-2-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	7	0	74	254	188	60
2	0	0	74	268	213	64
3	0	0	79	306	225	73
4	0	0	79	316	228	76
5	10	0	68	320	257	73
6	17	42	62	318	274	67
7	17	65	62	316	278	62
8	17	71	62	318	267	60
9	17	72	62	326	246	60
10	17	86	62	326	237	63
11	17	101	63	324	237	68
12	12	104	65	316	236	68
13	7	103	75	310	226	66
14	7	103	81	310	217	66
15	16	103	81	302	212	66
16	6	103	81	278	194	57
17	0	92	87	273	183	42
18	0	82	90	267	181	37
19	0	82	80	258	182	35
20	0	81	65	247	163	34
21	0	76	60	248	144	10
22	0	75	58	265	143	0
23	0	75	58	270	125	0
24	0	70	76	268	105	0
25	0	65	98	281	100	0
26	0	65	117	289	103	0
27	0	65	147	290	104	0
28	0	66	199	290	95	0
29	0	67	214	257	88	0
30	0	66	225	208	70	0
31	0	71	---	188	61	-
Mean	5	66	90	285	180	40
Max.	17	104	225	326	278	76
Min.	0	0	58	188	61	0
A.F.	330	4070	5360	17510	11070	2400

Water diverted 40740 A.F.
 Acreage reported D-4, 9, 8, 7-2773; A-3869bR-3491;
 A-3887cR-97; A-6213-9491; A-9690-257; A-9911-527;
 Total-16636

DAILY DIVERSIONS OF CANALS--1963
 BERLDITH-ALLER CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	3	6	4	3
2	0	3	6	5	2
3	0	3	7	5	2
4	0	2	7	5	2
5	0	0	6	5	1
6	0	0	5	5	1
7	3	0	6	5	1
8	6	0	9	5	1
9	7	0	9	4	2
10	7	0	7	4	2
11	7	0	4	4	2
12	6	0	4	4	2
13	5	0	4	4	2
14	3	0	4	4	2
15	3	0	4	3	2
16	3	0	4	3	2
17	3	0	4	3	2
18	3	0	4	3	2
19	4	0	5	3	2
20	4	0	5	3	1
21	4	0	5	3	1
22	3	0	5	3	1
23	2	0	2	3	1
24	3	0	3	3	1
25	3	1	4	3	0
26	3	6	5	4	0
27	3	7	5	4	0
28	3	8	5	4	0
29	3	7	5	4	0
30	3	6	5	4	0
31	3	-	5	4	-
Mean	3	2	5	4	1
Max.	7	8	9	5	3
Min.	0	0	2	3	0
A.F.	190	90	320	240	80

Water diverted 920 A.F.
 Acreage reported D-876-435

DAILY DIVERSIONS OF CANALS--1963
 MITTEN CANAL from Niobrara River--Measured
 through rating flume--Sec. 4-28-54 W.

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

Water diverted 80 A.F.
 Acreage reported A-292-286; A-1246-53; A-2244-80;
 Total-419

DAILY DIVERSIONS OF CANALS--1963
 MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 CANAL NO. 1 from Middle Loup River
 Measured through rating flume--Sec. 14-19-18 W.

Date	May	June	July	Aug.	Sept.
1	0	33	25	31	0
2	0	35	28	28	0
3	0	35	31	25	0
4	0	34	39	26	0
5	0	31	50	27	0
6	0	29	41	25	0
7	0	29	42	23	0
8	0	26	43	22	0
9	0	25	42	22	0
10	0	29	44	22	0
11	0	24	42	21	0
12	0	24	44	25	0
13	0	22	42	27	0
14	0	20	38	22	0
15	1	25	42	21	0
16	15	38	41	21	0
17	20	27	42	24	0
18	20	23	42	24	0
19	20	21	36	24	0
20	16	20	38	24	0
21	16	18	40	28	0
22	15	16	38	34	0
23	18	16	39	34	0
24	24	17	37	33	0
25	23	16	37	33	0
26	24	15	37	33	0
27	28	20	28	32	0
28	31	23	40	8	0
29	28	26	40	0	0
30	24	28	38	0	0
31	31	-	37	0	-
Mean	11	25	39	23	0
Max.	31	38	50	34	0
Min.	0	15	25	0	0
A.F.	700	1480	2390	1430	0

Water diverted 6000 A.F.
 Acreage reported A-2293-2351; A-3979a-748;
 A-3981a-220; A-8930-45, Total-3364

DAILY DIVERSIONS OF CANALS--1963
 MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 CANAL NO. 2 from Middle Loup River
 Measured through rating flume--Sec. 14-19-18 W.

Date	May	June	July	Aug.	Sept.
1	0	22	41	29	0
2	0	23	53	27	0
3	0	23	56	26	0
4	0	22	56	27	0
5	0	17	54	26	0
6	0	17	51	22	0
7	0	21	55	21	0
8	0	24	54	25	0
9	0	24	55	30	0
10	0	22	54	33	0
11	0	26	53	34	0
12	0	24	53	34	0
13	0	26	54	31	0
14	33	30	54	29	0
15	44	30	54	30	0
16	36	24	56	28	0
17	27	21	58	31	0
18	29	21	58	31	0
19	25	24	60	33	0
20	23	26	58	36	0
21	18	25	54	36	0
22	17	23	54	39	0
23	17	25	57	41	0
24	20	25	62	44	0
25	18	27	64	46	0
26	17	27	62	47	0
27	20	31	54	42	0
28	18	34	52	7	0
29	20	33	47	0	0
30	15	37	37	0	0
31	20	-	37	0	-
Mean	13	25	54	29	0
Max.	44	37	64	47	0
Min.	0	17	37	0	0
A.F.	830	1490	3310	1750	0

Water diverted 7380 A.F.
 Acreage reported A-2293-2558; A-2678-179;
 A-3979b-1283; A-3981b-126; A-6623-35;
 Total-4181

DAILY DIVERSIONS OF CANALS--1963

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 3 from Middle Loup River
Measured through rating flume--Sec. 6-17-16 W.

Date	May	June	July	Aug.	Sept.
1	0	51	73	83	62
2	0	50	91	74	52
3	0	50	99	79	46
4	0	47	100	80	42
5	0	40	95	81	40
6	0	38	107	78	39
7	0	32	112	78	39
8	0	39	108	80	41
9	0	42	108	82	43
10	0	49	106	83	23
11	0	54	105	82	0
12	0	48	104	83	0
13	0	47	105	82	0
14	18	41	105	77	0
15	30	46	97	78	0
16	44	51	92	72	0
17	44	48	94	72	0
18	47	42	93	70	0
19	47	32	80	70	0
20	43	25	87	67	0
21	43	25	76	64	0
22	41	15	91	66	0
23	38	18	87	64	0
24	39	21	94	62	0
25	46	23	101	63	0
26	29	15	106	64	0
27	40	34	103	72	0
28	52	58	97	80	0
29	58	70	90	67	0
30	47	65	87	67	0
31	39	--	83	62	-
Mean	24	41	96	74	14
Max.	58	70	112	83	62
Min.	0	15	73	62	0
A.F.	1480	2410	5900	4530	850

Water diverted 15170 A.F.
Acreage reported A-2293-4267; A-2678-0;
A-3979c-4791; A-3981c-82; Total-9140

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 4 from Middle Loup River
Measured through rating flume--Sec. 31-18-16 W.

Date	May	June	July	Aug.	Sept.
1	0	37	118	78	57
2	0	37	118	75	51
3	0	37	116	77	48
4	0	37	118	77	47
5	0	37	130	90	45
6	0	37	123	95	43
7	0	37	132	90	41
8	0	37	132	86	41
9	0	37	130	86	40
10	0	37	120	92	14
11	0	37	120	93	0
12	0	36	128	91	0
13	0	36	123	92	0
14	0	36	123	89	0
15	0	37	123	88	0
16	0	38	121	90	0
17	0	37	126	93	0
18	0	37	124	92	0
19	0	37	115	93	0
20	0	37	113	90	0
21	0	38	118	89	0
22	0	39	119	89	0
23	11	39	120	90	0
24	19	39	122	90	0
25	40	39	126	90	0
26	50	39	126	91	0
27	46	45	110	94	0
28	45	50	106	90	0
29	44	63	106	83	0
30	39	95	99	71	0
31	37	--	97	63	-
Mean	11	41	119	87	14
Max.	50	95	132	95	57
Min.	0	36	97	63	0
A.F.	660	2430	7340	5350	840

Water diverted 16620 A.F.
Acreage reported A-2293-5843; A-2678-84;
A-3979d-2358; A-3981d-322; Total 8607

DAILY DIVERSIONS OF CANALS--1963

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
SPILLWAY CANAL NO. 1 returned to Middle Loup River
Sec. 27-18-17 W.

Date	May	June	July	Aug.	Sept.
1	0	6	0	5	0
2	0	4	0	6	0
3	0	7	0	5	0
4	0	9	0	5	0
5	0	9	0	6	0
6	0	8	0	7	0
7	0	9	1	7	0
8	0	8	2	5	0
9	0	6	2	6	0
10	0	13	3	5	0
11	0	11	3	4	0
12	0	5	2	8	0
13	0	4	2	17	0
14	0	2	2	12	0
15	0	3	3	11	0
16	0	11	3	9	0
17	1	14	2	8	0
18	8	12	1	12	0
19	7	10	0	10	0
20	4	10	0	5	0
21	1	9	0	1	0
22	1	9	0	2	0
23	0	9	0	2	0
24	3	9	0	1	0
25	4	6	1	0	0
26	2	2	0	0	0
27	3	0	1	4	0
28	6	2	2	11	0
29	7	1	2	0	0
30	1	2	3	0	0
31	3	--	3	0	--
Mean	2	7	1	6	0
Max.	8	14	3	17	0
Min.	0	0	0	0	0
A.F.	100	420	80	340	0

Water returned 940 A.F.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
SPILLWAY CANAL NO. 2 returned to Middle Loup River
Sec. 13-18-17 W.

Date	May	June	July	Aug.	Sept.
1	0	5	3	17	0
2	0	6	4	16	0
3	0	5	4	16	0
4	0	5	2	16	0
5	0	5	4	16	0
6	0	3	7	12	0
7	0	6	5	11	0
8	0	4	5	8	0
9	0	2	5	10	0
10	0	1	4	9	0
11	0	7	6	11	0
12	0	6	6	12	0
13	0	3	6	12	0
14	0	4	7	10	0
15	27	8	8	10	0
16	22	9	5	7	0
17	16	8	3	4	0
18	15	7	6	5	0
19	14	5	5	7	0
20	13	11	8	6	0
21	10	10	8	4	0
22	8	10	7	6	0
23	5	11	2	6	0
24	5	12	2	2	0
25	8	10	2	1	0
26	4	9	3	3	0
27	7	9	8	14	0
28	5	15	17	5	0
29	5	9	17	1	0
30	3	2	15	0	0
31	2	--	18	0	--
Mean	5	7	7	8	0
Max.	27	15	18	17	0
Min.	0	1	2	0	0
A.F.	340	410	400	510	0

Water returned 1660 A.F.

DAILY DIVERSIONS OF CANALS--1963

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 SPILLWAY CANAL NO. 3 returned to Middle Loup River
 Sec. 5-14-14 W.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 SPILLWAY CANAL NO. 4 returned to Middle Loup River
 Sec. 10-14-14 W.

Date	May	June	July	Aug.	Sept.
1	0	2	4	12	24
2	0	8	5	15	27
3	0	9	5	15	25
4	0	9	2	14	20
5	0	8	2	16	18
6	0	8	0	20	15
7	0	8	1	19	15
8	0	8	3	13	13
9	0	13	4	12	19
10	0	16	5	11	31
11	0	20	6	15	9
12	0	22	11	18	0
13	0	20	10	22	0
14	0	19	11	19	0
15	0	18	13	19	0
16	0	24	14	18	0
17	0	26	17	7	0
18	3	24	20	6	0
19	4	23	18	11	0
20	3	15	12	12	0
21	1	13	13	10	0
22	0	14	11	11	0
23	0	6	5	11	0
24	0	11	0	11	0
25	0	11	0	14	0
26	0	8	1	13	0
27	0	1	6	16	0
28	0	12	16	20	0
29	3	15	15	26	0
30	4	12	13	26	0
31	2	—	12	25	—
Mean	1	13	8	15	7
Max.	4	26	20	26	31
Min.	0	1	0	6	0
A.F.	40	800	510	950	430

Water returned 2730 A.F.

Date	May	June	July	Aug.	Sept.
1	0	5	13	16	14
2	0	5	8	10	14
3	0	5	2	4	12
4	0	5	0	6	13
5	0	5	0	8	10
6	0	5	2	10	12
7	0	7	0	8	10
8	0	8	0	4	10
9	0	10	0	2	15
10	0	11	3	2	18
11	0	11	7	5	6
12	0	14	8	5	4
13	0	12	8	3	0
14	0	10	3	6	0
15	0	12	2	5	0
16	0	13	1	4	0
17	0	13	5	3	0
18	0	12	7	4	0
19	0	12	10	7	0
20	0	10	10	6	0
21	0	11	13	5	0
22	0	13	12	5	0
23	0	15	4	5	0
24	0	15	4	5	0
25	4	14	2	4	0
26	19	11	1	7	0
27	14	10	5	8	0
28	9	8	11	10	0
29	7	4	14	13	0
30	8	8	18	19	0
31	7	—	20	15	—
Mean	2	10	6	7	5
Max.	19	15	20	19	18
Min.	0	4	0	2	0
A.F.	140	580	380	420	280

Water returned 1800 A.F.

DAILY DIVERSIONS OF CANALS--1963

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 Summary in Acre-feet--1963

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	700	1480	2390	1430	0	6000
Canal No. 2.....	830	1490	3310	1750	0	7380
Canal No. 3.....	1480	2410	5900	4530	850	15170
Canal No. 4.....	660	2430	7340	5350	840	16620
Total diverted.....	3870	7910	18940	13060	1690	45170
Returned through spillways:						
Canal No. 1.....	100	420	80	340	0	940
Canal No. 2.....	340	410	400	510	0	1660
Canal No. 3.....	40	800	510	950	430	2730
Canal No. 4.....	140	580	380	420	280	1800
Total returned.....	620	2210	1370	2220	710	7130
Net diverted.....	3050	5600	17570	10840	980	38040

DAILY DIVERSIONS OF CANALS--1963
MIDLAND-OVERLAND CANAL from North Platte River
Measured through Parshall flume--Sec. 2-16-44 W.

DAILY DIVERSIONS OF CANALS--1963
MINATARE CANAL from North Platte River
Measured through rating flume--Sec. 32-22-54 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	14	4	0	23	8	0	15
2	14	4	0	17	20	0	10
3	15	0	0	4	18	0	9
4	14	0	0	0	0	0	9
5	14	0	0	0	0	0	9
6	16	0	0	0	0	0	8
7	14	0	0	0	0	0	9
8	12	0	0	0	0	0	8
9	8	0	0	0	0	0	8
10	6	0	0	0	0	0	8
11	6	0	0	0	0	0	8
12	6	0	0	0	0	0	8
13	6	0	0	0	0	0	7
14	6	0	0	0	0	0	6
15	6	0	0	1	0	0	6
16	6	0	0	3	0	0	5
17	6	0	0	12	0	0	5
18	6	0	0	5	0	0	5
19	6	0	0	2	0	0	5
20	5	0	0	2	0	0	5
21	4	0	0	5	0	0	7
22	4	0	0	12	0	4	8
23	3	0	0	10	0	11	7
24	3	0	14	6	0	20	8
25	4	0	29	1	0	24	7
26	4	0	32	6	0	26	7
27	4	0	32	19	0	27	5
28	4	0	31	14	0	27	4
29	4	0	30	7	0	27	4
30	4	0	31	0	0	25	4
31	5	-	28	-	0	19	-
Mean	7	1	6	5	1	7	7
Max.	16	4	32	23	20	27	15
Min.	3	0	0	0	0	0	4
A.F.	450	20	390	300	90	420	420

Water diverted 2090 A.F.
Acreage reported D-789-1000; D-791-1104;
D-800 (O.D. A-1742)-110; Total-2214

Date	May	June	July	Aug.	Sept.
1	0	0	60	104	67
2	6	0	64	91	68
3	29	0	79	78	64
4	45	0	74	83	64
5	27	3	77	80	64
6	38	4	80	84	64
7	50	4	84	83	63
8	63	11	84	79	66
9	69	12	76	80	57
10	74	13	70	86	52
11	74	4	81	103	68
12	74	0	78	93	61
13	78	0	92	88	61
14	75	0	112	78	57
15	78	0	106	75	59
16	74	0	99	76	58
17	64	0	88	86	56
18	58	5	94	79	59
19	60	13	94	67	64
20	60	13	100	67	74
21	47	12	102	66	69
22	44	10	105	64	56
23	43	16	91	100	56
24	42	35	94	87	53
25	49	41	105	94	47
26	50	39	94	79	41
27	49	43	78	79	44
28	49	46	82	80	42
29	49	45	86	83	42
30	52	50	83	88	41
31	0	--	89	94	--
Mean	51	14	87	82	58
Max.	78	50	112	104	74
Min.	0	0	60	64	41
A.F.	3120	830	5360	5040	3440

Water diverted 17790 A.F.
Acreage reported D-919-9372
Does not include optional diversion acreage.

DAILY DIVERSIONS OF CANALS--1963
MIRAGE FLATS CANAL from Niobrara River
Measured through 10-foot Parshall flume--Sec. 26-29-48 W.

DAILY DIVERSIONS OF CANALS--1963
MITCHELL CANAL from North Platte River
Measured through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	49	98	124	0
2	0	0	123	106	0
3	0	0	146	99	0
4	0	0	166	99	0
5	0	0	186	102	0
6	0	0	185	113	0
7	0	0	187	119	0
8	0	0	187	118	0
9	0	0	187	111	0
10	0	0	186	116	0
11	0	0	176	126	0
12	0	0	182	123	0
13	0	0	57	123	0
14	0	0	0	121	0
15	0	0	0	114	0
16	0	0	34	110	0
17	0	0	71	94	34
18	0	0	84	94	51
19	0	0	109	96	53
20	0	0	139	96	64
21	21	0	141	86	64
22	34	0	147	84	55
23	51	0	165	75	42
24	52	0	178	65	40
25	68	0	170	64	29
26	68	47	170	52	34
27	69	69	152	0	34
28	70	69	144	0	27
29	69	73	136	0	23
30	70	75	135	0	9
31	67	--	125	0	-
Mean	21	13	134	85	19
Max.	70	75	187	126	64
Min.	0	0	0	0	0
A.F.	1270	760	8260	5210	1110

Water diverted 16610 A.F.
Box Butte Reservoir storage included
Acreage reported A-2683-9607; A-3729-2152;
Total-11759

Date	May	June	July	Aug.	Sept.
1	0	16	55	98	23
2	14	28	145	103	0
3	126	11	153	109	28
4	142	18	116	90	14
5	148	20	82	98	14
6	151	13	95	106	27
7	146	7	134	111	28
8	107	14	96	98	13
9	117	3	94	97	20
10	127	10	91	89	32
11	102	16	86	90	45
12	144	17	82	87	47
13	173	11	76	72	41
14	148	0	78	75	43
15	125	0	76	68	45
16	156	2	76	72	45
17	135	3	52	61	45
18	102	6	100	36	36
19	109	1	102	64	43
20	119	4	74	42	22
21	100	7	88	44	0
22	103	11	86	36	0
23	111	22	85	35	0
24	170	47	85	42	17
25	126	21	83	30	33
26	146	35	82	29	39
27	124	50	91	32	35
28	105	75	92	28	5
29	88	89	89	34	11
30	16	76	92	41	20
31	18	--	92	31	--
Mean	111	21	93	66	26
Max.	173	29	153	111	47
Min.	0	0	55	28	0
A.F.	6350	1260	5700	4060	1530

Water diverted 19400 A.F.
Glendo storage included
Acreage reported D-1052-13633

DAILY DIVERSIONS OF CANALS--1963
MONTAGUE CANAL from Niobrara River--Measured
through rating flume--Sec. 27-29-48 W.

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

Water diverted 60 A.F.
Acreage reported A-575-32; A-2754-20;
A-3923-42; Total-94

DAILY DIVERSIONS OF CANALS--1963
MOORE CANAL from Niobrara River--Measured
through rating flume--Sec. 9-28-53 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	5	0	6	3	0	0
2	0	6	0	6	5	0	0
3	0	6	0	6	6	0	0
4	1	6	0	6	6	0	0
5	5	6	0	6	6	0	0
6	6	6	0	6	6	0	0
7	6	6	0	6	6	0	0
8	5	6	0	7	6	0	0
9	5	5	0	7	5	0	0
10	5	5	0	7	5	0	0
11	5	5	0	6	5	0	0
12	5	5	0	5	6	0	0
13	5	5	0	6	7	0	0
14	5	5	1	6	6	0	0
15	5	5	4	6	5	0	0
16	5	5	5	6	5	0	0
17	5	5	5	6	5	0	0
18	5	5	5	5	5	0	0
19	5	5	5	5	5	0	0
20	5	5	5	5	5	0	0
21	5	5	5	5	6	0	0
22	5	6	5	5	6	0	0
23	5	6	5	5	6	0	0
24	5	6	6	4	0	0	0
25	5	6	6	4	0	0	0
26	5	4	6	4	0	0	0
27	5	0	6	3	0	0	0
28	5	0	6	3	0	0	0
29	5	0	6	3	0	0	0
30	6	0	6	3	0	0	0
31	6	-	6	-	0	0	-
Mean	4	5	3	5	4	0	0
Max.	6	6	6	7	7	0	0
Min.	0	0	0	3	0	0	0
A.F.	280	280	180	310	250	0	0

Water diverted 1300 A.F.
Acreage reported A-88-400

DAILY DIVERSIONS OF CANALS--1963
NAPONEE CANAL from Republican River
Measured through Sparling Meter--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	22	28	9
2	0	0	30	25	4
3	0	0	35	22	0
4	0	0	38	22	0
5	0	0	40	24	0
6	0	0	40	30	0
7	0	0	40	33	0
8	0	0	40	32	0
9	0	0	40	32	0
10	0	0	40	31	0
11	0	0	40	29	0
12	0	0	40	14	0
13	0	0	40	0	0
14	0	0	40	0	0
15	0	0	32	0	0
16	0	0	24	0	0
17	0	0	24	0	0
18	0	0	27	0	0
19	0	0	31	0	0
20	0	6	32	0	0
21	5	9	32	0	0
22	9	9	32	0	0
23	6	9	32	0	0
24	6	9	32	0	0
25	6	9	32	0	0
26	6	9	32	0	0
27	6	9	32	0	0
28	4	9	32	5	0
29	0	12	32	9	0
30	0	18	32	9	0
31	0	--	30	9	-
Mean	2	4	34	11	1
Max.	9	18	40	33	9
Min.	0	0	22	0	0
A.F.	100	210	2070	700	30

Water diverted 3110 A.F.
Supplemental storage included
Acreage reported A-4217-1358; A-6220-81;
A-9463-87; A-9722-11; Total-1537

DAILY DIVERSIONS OF CANALS--1963
NINE MILE CANAL from North Platte River
Measured through rating flume--Sec. 17-21-53 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	56	0	66	0	84	50	53
2	56	0	66	0	84	50	45
3	54	0	74	0	82	50	39
4	53	0	76	0	80	49	46
5	52	0	83	0	69	49	49
6	53	0	83	0	40	49	48
7	52	0	81	28	42	49	45
8	38	0	83	0	74	49	43
9	0	0	81	0	33	47	45
10	0	0	88	0	0	45	43
11	0	0	86	11	46	43	39
12	0	0	85	31	60	43	39
13	0	0	89	48	34	43	36
14	0	0	89	36	30	46	37
15	0	0	85	0	35	49	37
16	0	0	80	0	36	52	40
17	0	0	81	0	35	52	41
18	0	0	79	0	33	52	41
19	0	0	76	24	34	51	40
20	0	0	73	42	31	47	40
21	0	0	67	42	37	46	46
22	0	0	64	41	48	46	51
23	0	0	60	40	51	46	42
24	0	0	59	49	52	46	33
25	0	0	54	50	50	45	28
26	0	0	53	60	49	44	29
27	0	0	52	69	59	41	30
28	0	0	46	76	49	38	29
29	0	35	54	77	52	36	37
30	0	56	16	81	51	36	50
31	0	--	0	--	52	41	--
Mean	13	3	69	27	49	46	41
Max.	56	56	89	81	84	52	53
Min.	0	0	0	0	0	36	28
A.F.	820	180	4220	1600	3000	2840	2420

Water diverted 15080 A.F.
Acreage reported D-925-5618

DAILY DIVERSIONS OF CANALS--1963

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR-ORD CANAL from North Loup River
Measured through rating flume--Sec. 13-21-19 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
SURRELL-SUNTER CANAL from North Loup River
Measured through rating flume--Sec. 14-21-16 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	41	81	171	54	28
2	0	46	78	179	104	24
3	0	46	82	185	109	23
4	0	47	80	185	91	29
5	0	44	79	186	49	26
6	0	42	76	185	46	27
7	0	40	84	189	50	38
8	0	41	84	193	62	46
9	0	40	88	190	72	48
10	0	38	93	197	72	46
11	0	45	104	201	81	40
12	0	42	93	199	110	42
13	0	43	96	201	138	44
14	0	48	95	202	127	45
15	0	48	99	200	140	38
16	0	46	94	187	148	30
17	0	52	81	189	154	32
18	0	52	79	192	162	32
19	0	55	78	193	164	34
20	0	61	81	196	169	36
21	0	63	79	204	177	33
22	0	70	73	201	181	34
23	0	75	75	203	191	30
24	0	73	74	205	193	36
25	0	68	76	209	198	34
26	0	70	79	210	197	28
27	0	72	96	206	67	0
28	0	76	119	205	0	0
29	43	76	135	205	29	0
30	73	76	164	195	40	0
31	--	75	--	189	43	-
Mean	4	55	90	195	110	30
Max.	73	76	164	210	198	48
Min.	0	38	73	171	0	0
A.F.	230	3390	5350	12000	6780	1790

Water diverted 29540 A.F.
Acreage reported A-2155-86; A-2312-12540;
A-3215a-811; A-3980a-1148; A-6430-54;
Total-14639

Date	May	June	July	Aug.	Sept.
1	0	27	103	27	29
2	0	25	104	69	28
3	57	23	106	55	26
4	55	26	108	42	26
5	48	30	115	37	26
6	43	28	113	40	25
7	29	30	116	43	21
8	33	31	122	44	21
9	32	34	124	44	21
10	32	38	123	45	21
11	32	44	128	57	19
12	32	48	128	75	19
13	33	53	126	82	23
14	39	55	122	82	12
15	40	63	118	95	0
16	34	58	109	101	0
17	37	59	110	100	0
18	41	62	116	108	0
19	48	59	119	115	0
20	47	61	119	111	0
21	46	61	117	110	0
22	47	61	119	110	0
23	49	64	116	113	0
24	50	69	114	113	0
25	42	70	114	116	0
26	42	83	114	119	0
27	43	83	116	44	0
28	42	90	115	4	0
29	40	98	110	38	0
30	36	100	98	47	0
31	33	--	84	32	-
Mean	38	54	114	72	11
Max.	57	100	128	119	29
Min.	0	23	84	4	0
A.F.	2340	3240	7030	4400	630

Water Diverted 17640 A.F.
Acreage reported A-2312-5745; A-3215b-1006;
A-3772-75; A-3828-20; A-3980b-1167;
A-5133-50; A-6943-16; A-9809-20; Total-8099

DAILY DIVERSIONS OF CANALS--1963

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
ORD-NORTH LOUP CANAL from North Loup River
Measured through rating flume--Sec. 22-19-14 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR-ORD SPILLWAY at 10.83 returned to North Loup River
Measured through 8-foot weir--Sec. 33-21-17 W.

Date	May	June	July	Aug.	Sept.
1	0	36	71	52	26
2	0	32	90	58	17
3	0	28	93	57	17
4	0	27	92	54	16
5	0	26	89	48	16
6	36	26	90	44	16
7	27	25	88	51	16
8	24	30	85	51	17
9	28	29	88	51	16
10	28	30	89	51	6
11	27	30	88	56	0
12	28	37	90	75	0
13	29	37	86	105	0
14	27	46	89	98	0
15	28	48	87	97	0
16	31	48	89	87	4
17	38	47	91	85	5
18	39	48	95	85	0
19	38	45	96	81	0
20	39	49	97	87	0
21	42	50	99	84	0
22	44	41	100	84	0
23	44	37	100	83	0
24	44	32	100	83	0
25	43	33	101	79	0
26	43	33	104	77	0
27	44	33	96	19	0
28	43	39	93	0	0
29	39	50	84	15	0
30	37	62	84	34	0
31	37	--	77	29	-
Mean	30	38	91	63	6
Max.	44	62	104	105	26
Min.	0	25	71	0	0
A.F.	1840	2250	5590	3890	340

Water diverted 13910 A.F.
Acreage reported A-2312-5745; A-3215c-
299; A-3980c-513; Total-6557

Date	Apr.	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	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	14	0	0	0	0	0
30	10	0	0	0	0	0
31	--	0	-	0	0	-
Mean	1	0	0	0	0	0
Max.	14	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	50	0	0	0	0	0

Water returned 50 A.F.

DAILY DIVERSIONS OF CANALS--1963
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 TAYLOR-ORD SPILLWAY AT 22.46 returned to North Loup River
 Measured through 8-foot weir--Sec. 1-20-16 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	6	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	5	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	9	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	11	0	0	0	0	0
31	--	0	-	0	0	-
Mean	0	0	0	0	0	0
Max.	11	6	0	0	9	0
Min.	0	0	0	0	0	0
A.F.	20	10	0	0	30	0
Water returned	60 A.F.					

DAILY DIVERSIONS OF CANALS--1963
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 TAYLOR-ORD SPILLWAY AT 29.93 returned to North Loup River
 Measured through 3-foot weir--Sec. 35-20-15 W.

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

DAILY DIVERSIONS OF CANALS--1963
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 TAYLOR-ORD SPILLWAY AT 33.90 returned to North Loup River via
 Dane Creek--Measured through 3-foot weir--Sec. 16-19-14 W.

Date	May	June	July	Aug.	Sept.
1	0	1	2	7	3
2	2	4	2	4	3
3	6	4	2	7	2
4	5	5	2	7	1
5	5	5	2	7	0
6	6	5	2	7	1
7	6	4	2	6	0
8	5	4	3	5	0
9	5	4	3	4	0
10	5	3	3	4	1
11	4	5	3	3	1
12	5	6	3	2	2
13	5	6	4	2	2
14	4	5	5	2	2
15	4	5	5	2	2
16	4	6	5	2	2
17	4	6	5	2	2
18	5	6	5	2	2
19	4	6	5	2	2
20	5	6	4	2	2
21	5	6	4	2	2
22	4	6	4	2	2
23	5	6	4	2	2
24	5	5	4	2	2
25	5	5	4	2	2
26	5	5	4	2	2
27	5	5	4	2	2
28	4	4	5	1	1
29	4	3	5	0	0
30	3	3	6	0	0
31	1	-	6	3	-
Mean	4	5	4	3	2
Max.	6	6	6	7	3
Min.	0	1	2	0	0
A.F.	270	290	230	190	90
Water returned	1070 A.F.				

DAILY DIVERSIONS OF CANALS--1963
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 TAYLOR-ORD SPILLWAY AT 34.06 returned to North Loup River
 Measured through 6-foot weir--Sec. 17-19-14 W.

Date	May	June	July	Aug.	Sept.
1	7	9	5	26	20
2	13	11	3	3	14
3	12	15	2	21	3
4	13	18	2	24	2
5	12	17	3	7	4
6	10	16	4	4	4
7	9	17	4	0	4
8	8	17	3	4	8
9	5	20	3	9	13
10	6	23	4	13	16
11	5	24	6	13	16
12	9	26	8	10	12
13	7	23	11	11	13
14	1	20	13	18	13
15	0	23	16	16	15
16	1	27	18	16	13
17	2	28	18	14	6
18	3	27	19	12	5
19	1	27	21	14	5
20	3	27	21	10	7
21	2	25	20	9	9
22	1	22	20	9	11
23	3	22	16	9	10
24	5	24	11	8	7
25	6	23	11	7	7
26	3	16	13	8	7
27	2	6	15	9	7
28	0	8	19	1	1
29	0	3	20	0	0
30	0	3	22	0	0
31	2	-	22	17	-
Mean	5	19	12	14	8
Max.	13	28	22	26	20
Min.	0	3	2	0	0
A.F.	300	1120	740	640	500
Water returned	3300 A.F.				

DAILY DIVERSIONS OF CANALS--1963

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 BURWELL-SUMNER SPILLWAY AT 8.22 returned to North Loup River
 Measured through 8-foot weir--Sec. 10-20-15 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 BURWELL-SUMNER SPILLWAY AT 16.92 returned to North Loup River
 Measured through 8-foot weir--Sec. 3-19-14 W.

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

Water returned 0 A.F.

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

Water returned 80 A.F.

DAILY DIVERSIONS OF CANALS--1963

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 BURWELL-SUMNER SPILLWAY AT 24.90 returned to North Loup River
 Measured through 3-foot weir--Sec. 20-19-13 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 BURWELL-SUMNER SPILLWAY AT 25.04 returned to North Loup River
 Measured through 5-foot weir--Sec. 17-19-13 W.

Date	May	June	July	Aug.	Sept.
1	0	5	4	8	10
2	0	4	3	3	9
3	0	3	4	11	10
4	2	3	4	11	9
5	11	5	5	9	10
6	11	5	7	9	11
7	10	2	6	8	10
8	6	4	7	8	7
9	8	4	6	7	8
10	8	7	6	5	9
11	6	4	8	4	9
12	7	3	9	7	6
13	6	3	9	8	7
14	5	1	8	8	10
15	7	2	9	6	5
16	6	4	8	8	2
17	3	5	8	8	0
18	3	8	8	4	0
19	6	8	7	5	0
20	8	8	5	2	0
21	8	7	6	1	0
22	8	8	6	1	0
23	9	7	6	2	0
24	9	8	6	3	0
25	9	8	4	5	0
26	7	8	5	7	0
27	7	6	6	8	0
28	7	5	7	3	0
29	7	6	7	2	0
30	7	4	8	8	0
31	5	-	8	12	-
Mean	6	5	6	6	4
Max.	11	8	9	12	11
Min.	0	1	3	1	0
A.F.	390	310	400	380	260

Water returned 1740 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	10	0
4	2	0	0	10	0
5	2	0	0	1	0
6	6	0	0	0	0
7	3	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	1	0	0
13	0	0	2	0	0
14	0	0	0	0	0
15	0	0	1	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	2	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	14	0
31	0	-	0	8	-
Mean	0	0	0	2	0
Max.	6	0	2	14	0
Min.	0	0	0	0	0
A.F.	20	0	10	90	0

*ater returned 120 A.F.

DAILY DIVERSIONS OF CANALS--1963
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 ORD-NORTH LOUP SPILLWAY AT 4.80 returned to North Loup River ORD-NORTH LOUP SPILLWAY AT 11.71 returned to North Loup River
 Measured through 8-foot weir--Sec. 32-19-13 W. Measured through 8-foot weir--Sec. 27-18-13 W.

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

Water returned 0 A.F. Water returned 120 A.F.

DAILY DIVERSIONS OF CANALS--1963
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 ORD-NORTH LOUP SPILLWAY AT 16.69 returned to North Loup River
 Measured through 3-foot weir--Sec. 8-13-12 W.

Date	May	June	July	Aug.	Sept.
1	0	10	7	8	13
2	0	10	7	12	9
3	0	9	7	12	7
4	0	9	6	12	8
5	0	8	6	13	7
6	0	7	4	11	8
7	4	5	2	9	8
8	6	6	2	11	9
9	6	4	3	9	10
10	7	3	4	6	11
11	5	1	5	6	4
12	7	3	7	7	2
13	5	1	8	8	1
14	3	1	8	9	1
15	3	4	8	8	1
16	1	5	5	10	1
17	1	7	5	10	0
18	3	9	4	9	0
19	2	10	5	8	0
20	2	12	7	7	0
21	3	13	8	6	0
22	7	13	9	6	0
23	6	11	11	8	0
24	7	9	9	8	0
25	8	10	8	9	0
26	7	9	8	10	0
27	7	7	11	13	0
28	9	7	13	3	0
29	8	6	12	1	0
30	8	8	12	7	0
31	10	-	12	13	-
Mean	4	7	7	9	3
Max.	10	13	13	13	13
Min.	0	1	2	1	0
A.F.	270	430	440	530	200

Water returned 1870 A.F.

DAILY DIVERSIONS OF CANALS--1963

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1963

	Apr.	May	June	July	Aug.	Sept.	Total
Diversions:							
Taylor-Ord.....	230	3390	5350	12000	6780	1790	29540
Burwell-Sumter.....	0	2340	3240	7030	4400	630	17640
Ord-North Loup.....	0	1840	2250	5590	3890	340	13910
Total diversion.....	230	7570	10840	24620	15070	2760	61090
Returned through spillways:							
Taylor-Ord.....	70	580	1410	970	860	590	4480
Burwell-Sumter.....	0	430	310	420	520	260	1940
Ord-North Loup.....	0	280	430	470	600	210	1990
Total returned.....	70	1290	2150	1860	1980	1060	8410
Net diverted.....	160	6280	8690	22760	13090	1700	52680

DAILY DIVERSIONS OF CANALS--1963

NORTH PLATTE CANAL from North Platte River
Measured through 15-foot Parshall flume--Sec. 18-14-33 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	37	0	98	99	223	227	136
2	10	0	99	123	225	225	129
3	0	0	103	128	246	222	122
4	0	0	108	120	249	223	99
5	0	0	133	99	247	223	90
6	0	0	139	90	246	223	114
7	0	0	145	75	253	221	125
8	0	0	140	74	252	222	130
9	0	0	139	88	249	222	107
10	0	0	128	122	247	219	106
11	0	0	105	103	239	223	113
12	0	0	103	118	244	218	130
13	0	0	119	117	244	208	126
14	0	0	130	139	243	198	130
15	0	0	136	143	244	185	118
16	0	0	129	134	230	168	124
17	0	0	128	133	225	168	78
18	0	53	126	133	233	155	64
19	0	64	128	138	236	98	70
20	0	80	125	140	235	66	98
21	0	105	117	148	232	113	99
22	0	96	107	156	227	124	64
23	0	101	106	163	227	118	17
24	0	98	107	160	235	87	4
25	0	96	105	168	238	104	3
26	0	97	111	181	239	114	2
27	0	96	131	183	238	109	7
28	0	96	126	185	236	115	8
29	0	97	123	191	233	115	7
30	0	91	135	210	223	114	7
31	0	--	106	---	222	115	-
Mean	2	39	120	135	237	166	81
Max.	37	105	145	210	253	227	136
Min.	0	0	98	74	222	66	2
A.F.	90	2320	7410	8060	14600	10200	4810

Water diverted 47490 A.F.
Acreage reported D-635-14067

DAILY DIVERSIONS OF CANALS--1963

NORTHPORT CANAL from North Platte River--Measured
through section of Tri-State Canal--Sec. 10-23-58 W.

Date	May	June	July	Aug.	Sept.
1	0	0	176	191	92
2	24	0	176	173	118
3	24	3	198	177	2
4	118	19	200	185	89
5	108	9	200	188	103
6	116	22	197	187	91
7	126	24	218	172	82
8	125	10	228	151	152
9	185	88	235	163	0
10	138	107	232	160	0
11	209	44	231	169	49
12	209	55	231	180	13
13	207	146	241	170	10
14	208	108	256	158	17
15	207	90	259	158	28
16	211	24	250	163	5
17	206	64	222	154	0
18	156	117	230	174	0
19	199	138	249	203	32
20	0	110	250	197	39
21	36	95	225	205	47
22	111	65	222	208	73
23	87	42	208	220	66
24	59	37	218	225	120
25	44	0	232	212	186
26	19	0	201	185	74
27	0	0	211	178	43
28	0	73	231	181	51
29	0	174	238	177	33
30	0	147	230	182	55
31	0	---	207	133	--
Mean	101	60	223	180	56
Max.	211	174	259	225	186
Min.	0	0	176	154	2
A.F.	6210	3590	13690	11070	3310

Water diverted 37870
Pathfinder storage included

DAILY DIVERSIONS OF CANALS--1963
NORTHPORT CANAL from Drains
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	71	86	105	129	198
2	103	111	103	151	185
3	103	131	103	153	180
4	105	127	101	155	178
5	106	127	101	155	180
6	104	121	104	151	193
7	100	120	112	151	202
8	98	131	122	155	101
9	96	70	123	155	111
10	93	31	124	154	205
11	97	30	122	154	206
12	99	29	122	153	210
13	101	28	119	156	216
14	106	29	112	158	216
15	111	37	109	156	213
16	117	30	113	160	218
17	118	29	128	176	188
18	119	29	130	174	191
19	134	28	119	155	216
20	108	33	118	163	217
21	132	26	138	153	223
22	130	65	138	156	201
23	128	106	140	157	199
24	131	107	135	156	128
25	129	84	134	167	50
26	129	55	142	190	49
27	29	49	153	192	47
28	0	98	140	190	46
29	0	94	132	194	47
30	0	97	123	188	45
31	67	--	123	175	--
Mean	96	71	122	162	162
Max.	134	131	153	194	223
Min.	0	26	101	139	45
A.F.	5890	4240	7510	9990	9640
Water diverted	37250 A.F.				

DAILY DIVERSIONS OF CANALS--1963

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet--1963

Diverted from:	Section	May	June	July	Aug.	Sept.	Total
	Township Range						
North Platte River	10-23-58	6210	3590	13690	11070	3310	37870
*Sheep Creek	17-23-57	3480	1950	4070	5660	4710	19870
*Akers Draw	12-23-57	630	770	670	550	680	3300
*Tub Springs	27-23-55	1130	650	1280	1260	990	5310
*Spotted Tail, Dry	9-23-56	0	0	880	1330	1100	3310
*Spotted Tail, Wet	10-23-56	640	870	610	1180	2160	5460
*Moffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		12090	7830	21200	21050	12950	75120

Water diverted 75120 A.F.
Acreage reported A-762-16109

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

DAILY DIVERSIONS OF CANALS--1963
 ORCHARD-ALFALFA CANAL from Platte River
 Measured through Parshall flume--Sec. 9-10-24 W.

Date	May	June	July	Aug.	Sept.
1	0	18	41	56	0
2	0	9	58	55	0
3	0	0	75	54	0
4	0	0	93	52	0
5	0	0	68	51	0
6	0	0	70	51	0
7	15	0	73	52	0
8	13	0	81	51	0
9	19	0	77	50	0
10	15	0	77	50	0
11	15	0	76	51	0
12	16	0	68	52	0
13	15	0	68	51	0
14	16	12	61	51	0
15	12	15	51	49	0
16	13	0	30	50	0
17	25	0	30	51	0
18	21	0	33	47	0
19	20	0	31	36	0
20	18	0	32	29	0
21	13	0	33	20	0
22	12	0	34	12	0
23	12	0	41	6	0
24	12	0	46	0	0
25	12	0	53	0	0
26	12	19	56	0	0
27	11	34	58	0	0
28	11	31	61	0	0
29	13	30	57	0	0
30	14	33	55	0	0
31	15	--	58	0	-
Mean	12	7	56	33	0
Max.	25	34	93	56	0
Min.	0	0	30	0	0
A.F.	730	400	3460	2040	0

Water diverted 6630 A.F.
 Sutherland storage included
 Acreage reported D-627-5980

DAILY DIVERSIONS OF CANALS--1963
 OSHKOSH CANAL from North Platte River
 Measured through Parshall flume--Sec. 33-17-44 W.

Date	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	12	0	13	17	1	0	0	0
2	12	0	9	13	0	0	0	0
3	12	0	6	9	0	0	0	0
4	11	0	5	0	0	0	0	9
5	12	0	4	2	0	0	0	10
6	13	0	3	0	0	0	0	10
7	10	0	3	0	0	0	0	10
8	0	0	7	0	0	0	0	10
9	0	0	8	0	0	0	0	11
10	0	0	16	0	0	0	0	10
11	0	0	8	0	0	0	0	10
12	0	0	7	0	0	0	0	9
13	0	0	6	0	0	0	0	6
14	0	0	4	0	0	0	0	5
15	0	0	4	0	0	0	0	6
16	0	0	16	0	0	0	0	9
17	0	0	17	0	0	0	0	9
18	0	0	9	0	0	0	0	9
19	0	0	12	0	0	0	0	8
20	0	0	14	0	0	0	0	7
21	0	3	14	0	0	0	0	9
22	0	8	15	0	0	0	0	10
23	0	8	13	0	0	0	0	11
24	0	9	11	0	0	0	0	11
25	0	9	12	0	7	0	0	10
26	0	9	16	1	10	0	0	9
27	0	10	14	1	10	0	0	9
28	0	11	10	0	8	0	0	9
29	0	11	6	0	0	0	0	10
30	0	11	7	0	0	0	0	10
31	0	13	-	1	0	0	0	--
Mean	3	3	10	1	1	1	1	8
Max.	13	13	17	17	10	10	11	11
Min.	0	0	3	0	0	0	0	0
A.F.	160	200	570	90	70	490		

Water diverted 1580 A.F.
 Acreage reported D-797-1442

DAILY DIVERSIONS OF CANALS--1963
 OWASCO CANAL from Lodgepole Creek--Measured
 through rating flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	6	2	7	10
2	0	5	5	8	7
3	0	5	6	8	7
4	2	7	7	5	5
5	2	7	7	1	7
6	2	8	7	8	6
7	2	7	8	4	6
8	2	8	8	5	2
9	4	9	1	6	3
10	4	10	1	4	5
11	2	10	1	5	7
12	5	10	1	11	5
13	5	13	1	4	7
14	2	0	1	6	7
15	7	6	1	7	6
16	8	6	1	8	3
17	6	6	1	6	4
18	8	6	1	7	5
19	12	6	0	8	4
20	10	6	0	4	4
21	6	6	0	5	0
22	8	6	0	5	0
23	8	4	0	7	0
24	8	5	3	10	0
25	7	3	3	10	0
26	7	4	1	6	0
27	9	4	1	7	0
28	10	5	0	8	0
29	10	6	4	8	0
30	5	2	5	6	0
31	5	-	6	6	-
Mean	5	6	3	6	4
Max.	12	13	8	11	10
Min.	0	0	0	1	0
A.F.	330	370	160	400	220

Water diverted 1480 A.F.
 Crescent storage included
 Acreage reported D-347R-83; A-725-689;
 Total-772

DAILY DIVERSIONS OF CANALS--1963
 PAISLEY CANAL from Blue Creek--Measured
 through 4-foot Parshall flume--Sec. 6-16-42 W.

Date	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	19	8	2	0	14	5	2	18
2	19	8	0	0	15	10	0	13
3	18	9	0	0	14	9	2	13
4	18	9	2	0	14	10	0	8
5	19	9	2	0	14	13	0	9
6	19	9	3	0	13	10	0	9
7	14	9	4	0	13	10	0	8
8	13	9	4	0	13	8	0	9
9	12	10	2	0	16	8	0	16
10	12	10	0	4	12	5	0	16
11	12	10	0	14	7	4	0	16
12	12	8	0	19	5	5	0	16
13	12	6	0	19	5	4	0	17
14	12	6	0	20	5	5	0	15
15	12	6	0	21	6	5	0	14
16	12	6	0	20	7	6	0	16
17	12	6	0	16	6	5	0	16
18	6	6	0	16	11	2	0	16
19	0	6	0	17	15	2	0	16
20	0	6	0	16	15	2	0	16
21	3	5	0	16	15	3	0	19
22	6	5	0	16	17	3	0	21
23	6	5	0	16	15	3	0	16
24	6	5	0	16	14	3	0	15
25	6	6	0	16	13	2	6	14
26	6	6	0	17	5	2	17	13
27	7	5	0	17	4	2	20	13
28	2	5	0	15	0	2	13	15
29	0	5	0	15	0	2	16	15
30	1	5	0	15	0	2	16	13
31	5	-	0	18	-	3	13	--
Mean	10	7	1	12	10	5	3	14
Max.	19	10	4	21	17	13	20	21
Min.	0	5	0	0	0	2	0	8
A.F.	600	410	40	710	600	310	210	850

Water diverted 3730 A.F.
 Crescent storage included
 Acreage reported D-800-815; A-515-95; A-1738-176, Total-1086

DAILY DIVERSIONS OF CANALS--1963
 PAXTON-HERSHEY CANAL from North Platte River
 Measured through Parshall flume--Sec. 18-14-33 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	34	39	104	64	32
2	0	41	3	105	16	37
3	0	53	22	87	0	35
4	0	70	38	76	0	55
5	0	68	21	84	0	25
6	0	69	20	90	43	11
7	0	73	19	66	81	26
8	0	47	18	8	79	55
9	0	36	17	8	75	50
10	0	39	46	4	56	51
11	0	36	19	0	56	40
12	0	33	65	32	58	43
13	0	25	70	82	58	63
14	0	14	64	79	42	61
15	0	62	66	82	0	60
16	0	74	64	79	0	18
17	0	74	64	84	0	0
18	0	73	62	82	0	0
19	0	71	56	75	0	0
20	0	68	55	68	17	0
21	0	67	71	64	45	0
22	0	71	59	56	50	0
23	4	70	56	56	61	0
24	28	70	91	57	54	0
25	40	69	93	56	35	0
26	56	67	97	58	44	0
27	39	64	97	58	57	0
28	19	52	104	56	55	0
29	39	43	105	58	63	0
30	36	66	102	61	62	0
31	--	64	--	64	47	--
Mean	9	57	57	62	39	22
Max.	56	74	105	105	81	63
Min.	0	14	3	0	0	0
A.F.	520	3520	3380	3850	2410	1310

Water diverted 14990 A.F.
 Acreage reported D-653-105

DAILY DIVERSIONS OF CANALS--1963
 PIONEER CANAL from Niobrara River--Measured
 through rating flume--Sec. 36-29-51 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	7	12	0	0	4	8	8
2	8	13	3	0	4	8	7
3	8	12	14	3	4	8	7
4	6	12	21	5	6	7	6
5	4	11	21	5	6	6	6
6	5	10	20	8	6	6	6
7	6	10	18	9	9	6	3
8	6	10	14	8	10	6	0
9	6	11	13	8	9	6	0
10	6	11	12	8	8	6	0
11	6	11	11	6	7	5	0
12	7	11	10	5	6	5	0
13	8	12	10	5	6	6	0
14	9	12	11	5	7	6	0
15	9	13	12	8	6	6	0
16	10	13	12	8	6	6	0
17	11	14	11	7	7	6	0
18	11	14	7	2	5	6	0
19	12	13	8	0	4	6	1
20	12	11	9	0	4	6	7
21	11	11	10	0	3	5	7
22	11	11	10	0	3	5	7
23	9	5	10	0	3	6	7
24	9	0	9	0	3	6	7
25	9	0	7	1	5	5	7
26	10	0	7	7	7	4	6
27	10	0	7	8	9	4	6
28	10	0	7	2	12	4	6
29	10	0	7	3	13	5	6
30	8	0	7	4	11	5	6
31	9	--	7	--	9	5	--
Mean	8	9	10	4	7	6	4
Max.	12	14	21	9	13	8	8
Min.	4	0	0	0	3	4	0
A.F.	520	520	640	250	400	360	230

Water diverted 2920 A.F.
 Acreage reported D-442a-685; A-3812-55; A-4599-15;
 A-5010-192; Total-947

DAILY DIVERSIONS OF CANALS--1963
 POTMESIL CANAL from Niobrara River--Measured
 through 3-foot Parshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	7	7	6	0
2	0	7	7	6	0
3	0	7	7	6	0
4	0	7	6	7	0
5	0	7	7	7	0
6	0	7	6	7	0
7	0	8	7	7	0
8	0	8	7	7	0
9	0	8	6	7	0
10	1	8	5	6	0
11	6	7	5	6	0
12	8	7	6	6	0
13	9	6	2	7	0
14	9	6	0	7	0
15	4	7	2	7	0
16	0	6	7	7	0
17	4	6	8	7	0
18	9	6	8	7	0
19	9	6	8	7	0
20	8	4	7	7	0
21	8	1	7	7	0
22	8	3	7	7	0
23	8	8	7	7	0
24	8	8	7	7	0
25	8	8	7	7	0
26	8	8	6	7	0
27	8	8	6	0	0
28	8	7	5	3	0
29	9	7	5	6	0
30	9	7	6	1	0
31	8	--	6	0	--
Mean	5	7	6	6	0
Max.	9	8	8	7	0
Min.	0	1	0	0	0
A.F.	310	400	370	370	0

Water diverted 1450 A.F.
 Acreage reported A-2566-473

DAILY DIVERSIONS OF CANALS--1963
 RANSHORN CANAL from North Platte River
 Measured over 15-foot weir--Sec. 19-23-57 W.

Date	May	June	July	Aug.	Sept.
1	0	5	3	19	32
2	0	5	10	19	26
3	0	8	17	18	21
4	0	8	18	17	16
5	0	10	19	21	15
6	0	8	19	14	18
7	0	7	19	17	22
8	11	6	15	18	6
9	17	9	24	18	8
10	17	10	18	19	10
11	18	8	16	25	10
12	28	1	9	26	9
13	24	1	8	26	8
14	34	1	20	25	12
15	38	1	17	22	21
16	28	1	16	22	23
17	20	0	16	21	24
18	16	0	17	27	21
19	15	0	16	15	17
20	22	0	15	14	17
21	24	0	19	17	14
22	23	0	22	16	11
23	23	0	24	16	11
24	22	2	23	17	11
25	15	5	23	16	9
26	13	4	29	16	11
27	13	4	32	17	12
28	12	4	28	21	12
29	6	4	22	23	11
30	8	3	20	25	11
31	7	--	21	34	--
Mean	15	4	19	20	15
Max.	38	10	32	34	32
Min.	0	0	3	14	6
A.F.	900	230	1140	1230	890

Water diverted 4390 A.F.
 Acreage reported D-945-1651

DAILY DIVERSIONS OF CANALS--1963
 RED WILLOW CANAL from Red Willow Creek
 Measured through orifice check--Sec. 25-4-29 W.

Date	May	June	July	Aug.	Sept.
1	0	0	33	16	8
2	0	0	33	14	3
3	0	0	33	14	0
4	0	0	33	14	0
5	0	0	29	15	0
6	0	0	26	16	0
7	0	0	25	18	0
8	0	0	24	16	0
9	0	0	22	15	0
10	0	9	21	15	0
11	0	13	21	15	0
12	0	12	20	19	0
13	0	12	19	21	0
14	0	16	18	21	0
15	0	16	15	17	0
16	0	14	13	15	0
17	0	14	13	15	0
18	0	16	12	15	0
19	0	15	11	13	0
20	0	16	14	14	0
21	0	16	14	14	0
22	0	16	16	14	0
23	0	16	18	10	0
24	0	17	23	9	0
25	0	21	26	9	0
26	0	22	25	9	0
27	0	23	26	9	0
28	0	25	26	8	0
29	0	31	22	8	0
30	0	33	18	8	0
31	0	--	17	8	0
Mean	0	12	22	14	0
Max.	0	33	33	21	8
Min.	0	0	12	8	0
A.F.	0	740	1320	850	20

Water diverted 2930 A.F.
 Acreage reported A-6216-1311

DAILY DIVERSIONS OF CANALS--1963
 RIVERSIDE CANAL from Frenchman River
 Measured in section of canal--Sec. 33-4-32 W.

Date	May	June	July	Aug.	Sept.
1	0	0	10	9	9
2	0	0	9	7	9
3	0	0	9	8	9
4	0	0	10	8	9
5	0	0	10	9	9
6	0	0	10	8	9
7	0	0	10	7	9
8	0	0	11	8	8
9	0	7	11	12	7
10	0	7	11	14	7
11	0	7	11	10	6
12	4	7	10	9	6
13	5	7	11	9	5
14	5	7	11	9	5
15	6	7	9	8	0
16	6	7	11	8	0
17	7	6	11	8	0
18	7	8	11	7	0
19	8	9	9	10	0
20	8	8	7	10	0
21	8	7	8	10	0
22	8	6	8	11	0
23	9	7	7	11	0
24	9	7	7	11	0
25	9	7	10	10	0
26	9	7	6	10	0
27	9	7	7	10	0
28	9	7	7	10	0
29	9	7	8	10	0
30	8	10	8	9	0
31	0	--	10	9	0
Mean	5	5	9	9	4
Max.	9	10	11	14	9
Min.	0	0	6	7	0
A.F.	280	320	570	570	210

Water diverted 1950 A.F.
 Supplemental storage available
 Acreage reported D-18-359; A-1674-202;
 Total-561

DAILY DIVERSIONS OF CANALS--1963
 RUTTNER-KINNEY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 31-15-56 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	1	2	0	3	0
2	0	1	2	0	4	0
3	0	1	2	0	4	0
4	0	1	3	0	4	0
5	0	1	3	0	4	0
6	0	2	3	0	0	0
7	0	1	3	3	0	0
8	0	0	2	3	0	4
9	0	0	2	0	0	5
10	0	0	2	0	0	0
11	0	0	2	0	0	0
12	0	0	2	0	4	0
13	0	0	2	4	4	0
14	0	0	2	4	4	0
15	0	0	2	4	3	0
16	0	0	2	3	0	0
17	0	0	2	3	0	0
18	0	0	1	0	0	0
19	0	0	1	0	0	0
20	0	0	1	0	3	0
21	0	0	1	0	3	0
22	0	0	1	0	0	0
23	0	0	2	0	0	0
24	0	0	2	0	0	0
25	0	0	2	0	0	0
26	0	0	0	2	4	0
27	0	0	0	4	4	0
28	0	2	0	0	4	0
29	0	3	0	0	4	0
30	1	2	0	0	0	0
31	--	3	--	4	0	--
Mean	0	1	2	1	2	0
Max.	1	3	3	4	4	5
Min.	0	0	0	0	0	0
A.F.	0	30	100	70	110	20

Water diverted 330 A.F.
 Acreage reported D-345R-135; D-350-51;
 A-716R-48; A-182R-14; Total-248

DAILY DIVERSIONS OF CANALS--1963
 RUTTNER CANAL (New) from Lodgepole Creek
 Measured through rating flume--Sec. 36-15-57 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	2	1	3	0	2
2	0	2	1	3	0	3
3	0	2	1	3	0	3
4	0	2	2	3	0	3
5	0	2	1	3	0	3
6	0	2	1	3	0	3
7	0	2	1	0	1	3
8	0	2	1	0	2	0
9	0	2	2	5	2	0
10	0	2	2	3	2	0
11	0	1	2	3	2	0
12	0	2	2	3	0	0
13	0	2	0	0	0	0
14	0	2	0	0	0	0
15	0	3	0	0	0	0
16	0	3	0	0	2	0
17	0	2	0	0	1	1
18	0	2	0	5	2	1
19	0	2	0	5	1	0
20	0	2	0	5	0	1
21	0	2	0	1	0	0
22	0	2	0	1	2	0
23	0	2	1	1	2	0
24	0	2	1	1	4	0
25	2	2	2	1	3	0
26	2	2	3	0	0	0
27	2	2	2	0	0	0
28	2	0	3	2	0	0
29	2	0	5	3	0	0
30	2	1	6	4	1	0
31	--	1	--	0	2	0
Mean	0	2	1	2	1	1
Max.	2	3	6	5	4	3
Min.	0	0	0	0	0	0
A.F.	20	110	80	120	60	50

Water diverted 440 A.F.
 Acreage reported D-350R-22; A-727-36;
 A-857-92; A-869-44; A-5303-25; Total-219

DAILY DIVERSIONS OF CANALS--1963

SARGENT CANAL from Middle Loup River
Measured through 10-foot Parshall flume--Sec. 32-21-21 W.

SARGENT WASTEWAY MILE 4.7 from Sargent Canal
Measured through Sparling Meter--Sec. 14-20-21 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	32	0	58	173	135	46
2	25	0	57	181	110	43
3	22	0	53	182	88	35
4	22	0	46	181	81	32
5	22	0	46	180	72	31
6	21	0	47	182	58	31
7	6	0	47	183	51	30
8	0	37	47	188	56	30
9	0	70	48	184	63	28
10	0	74	51	193	67	26
11	0	67	56	216	75	22
12	0	71	56	214	89	19
13	0	70	57	198	120	18
14	0	69	57	202	130	18
15	0	71	58	210	135	18
16	0	64	52	214	145	18
17	0	58	41	212	159	18
18	0	58	39	213	176	18
19	0	61	41	214	171	18
20	0	61	40	214	163	18
21	0	59	40	216	154	19
22	0	59	41	219	150	19
23	0	59	40	216	144	16
24	0	60	40	219	136	9
25	0	60	46	221	134	10
26	0	61	68	216	130	13
27	0	61	88	228	131	10
28	0	60	98	221	105	9
29	0	55	120	216	86	8
30	0	56	143	196	64	8
31	0	56	--	156	55	-
Mean	5	48	57	202	111	21
Max.	32	74	143	228	176	46
Min.	0	0	39	156	51	8
A.F.	300	2930	3410	12410	6810	1270

Water diverted 27130 A.F.

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	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	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	-	0	0	-
Mean	0	0	0	0	0	0
Max.	0	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	0	0	0	0	0	0

Water returned 0 A.F.

DAILY DIVERSIONS OF CANALS--1963

SARGENT WASTEWAY MILE 11.2 from Sargent Canal
Measured through earth section of spillway--Sec. 27-20-20 W.

SARGENT WASTEWAY MILE 20.6 from Sargent Canal
Measured through 10-foot Parshall flume--Sec. 30-20-18 W.

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	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	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	-	0	0	-
Mean	0	0	0	0	0	0
Max.	0	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	0	0	0	0	0	0

Water returned 0 A.F.

Date	Oct.	May	June	July	Aug.	Sept.
1	9	0	8	18	9	12
2	10	0	8	3	17	11
3	7	0	7	0	19	6
4	6	0	4	0	14	3
5	6	0	4	0	15	3
6	8	0	5	0	14	3
7	10	0	3	0	7	3
8	10	0	2	0	5	2
9	14	0	3	0	10	3
10	1	2	4	0	9	2
11	0	9	6	6	6	1
12	0	16	7	10	5	0
13	0	14	7	3	7	0
14	0	11	7	3	15	1
15	0	11	10	4	10	1
16	0	9	13	3	4	1
17	0	2	5	2	4	1
18	0	2	3	2	12	0
19	0	5	3	3	11	0
20	0	6	2	2	8	0
21	0	6	2	2	8	1
22	0	7	3	3	7	2
23	0	6	3	1	4	2
24	0	8	3	1	1	1
25	0	7	3	1	1	0
26	0	9	4	0	1	0
27	0	8	15	1	11	0
28	0	8	8	1	23	0
29	0	4	7	2	25	0
30	0	3	12	11	19	0
31	0	7	--	6	18	-
Mean	3	5	6	3	10	2
Max.	14	16	15	18	25	12
Min.	0	0	2	0	1	0
A.F.	160	320	340	170	630	120

Water returned 1740 A.F.

DAILY DIVERSIONS OF CANALS--1963

SARGENT WASTEWAY MILE 26.0 from Sargent Canal
Measured through 11.8 foot rating flume--Sec. 36-20-18 W.

SARGENT WASTEWAY MILE 31.6 from Sargent Canal
Measured through rating flume--Sec. 15-19-17 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	4	0	6	8
2	2	0	4	0	7	5
3	1	0	4	1	7	3
4	0	0	4	2	3	2
5	1	0	3	2	3	2
6	2	0	3	2	5	2
7	0	0	3	2	4	3
8	0	0	3	2	3	4
9	0	0	2	2	3	4
10	0	5	2	1	3	4
11	0	22	2	2	3	4
12	0	22	2	4	8	4
13	0	22	3	4	4	1
14	0	15	2	0	0	0
15	0	6	2	0	0	0
16	0	6	3	2	4	0
17	0	8	3	3	4	0
18	0	8	3	3	6	0
19	0	8	3	4	11	0
20	0	8	3	3	7	0
21	0	4	4	3	3	0
22	0	2	4	3	2	0
23	0	2	4	1	2	0
24	0	1	1	0	5	0
25	0	2	0	0	4	0
26	0	2	0	2	7	0
27	0	2	1	2	11	0
28	0	4	1	4	13	0
29	0	3	0	7	8	0
30	0	2	0	9	9	0
31	0	4	-	6	9	-
Mean	0	5	2	2	5	2
Max.	2	22	4	9	13	8
Min.	0	0	0	0	0	0
A.F.	10	310	150	150	330	90

Water returned 1040 A.F.

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	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	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	-	0	0	-
Mean	0	0	0	0	0	0
Max.	0	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	0	0	0	0	0	0

Water returned 0 A.F.

DAILY DIVERSIONS OF CANALS--1963

SARGENT WASTEWAY MILE 40.1 from Sargent Canal
Measured over 6-foot weir--Sec. 23-19-17 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	3	5	4	6
2	1	0	3	1	8	6
3	1	0	3	3	9	7
4	0	0	3	2	6	11
5	1	0	2	4	10	5
6	0	0	4	5	7	8
7	1	0	4	4	4	6
8	2	0	3	5	4	5
9	4	0	3	5	5	5
10	0	0	5	5	4	6
11	0	0	5	5	4	5
12	0	0	6	5	6	4
13	0	0	6	4	2	2
14	0	0	5	2	6	3
15	0	0	7	5	2	5
16	0	1	8	7	2	6
17	0	3	7	6	3	5
18	0	0	7	5	4	4
19	0	2	7	5	4	4
20	0	2	5	4	4	4
21	0	1	4	5	6	4
22	0	1	5	5	4	6
23	0	0	5	0	4	6
24	0	2	6	2	2	5
25	0	1	7	1	2	3
26	0	0	6	1	3	1
27	0	0	6	2	5	0
28	0	0	4	4	8	0
29	0	0	4	4	8	0
30	0	0	7	5	6	0
31	0	2	-	6	7	-
Mean	0	0	5	4	5	4
Max.	4	3	8	7	10	11
Min.	0	0	2	0	2	0
A.F.	30	30	300	240	300	260

Water returned 1160 A.F.

DAILY DIVERSIONS OF CANALS--1963

SARGENT CANAL
Summary in Acre-feet - 1963

DIVERSION.....	Oct.	May	June	July	Aug.	Sept.	Total
DIVERSION.....	300	2930	3410	12410	6310	1270	27130
SPILL AT MILE 4.7.....	0	0	0	0	0	0	0
SPILL AT MILE 11.2.....	0	0	0	0	0	0	0
SPILL AT MILE 20.6.....	160	320	340	170	630	120	1740
SPILL AT MILE 26.0.....	10	310	150	150	330	90	1040
SPILL AT MILE 31.6.....	0	0	0	0	0	0	0
SPILL (Terminal)MILE 40.1	30	30	300	240	300	260	1160
RETURNED AT SPILLWAYS...	200	660	790	560	1260	470	3940
NET DIVERSION.....	100	2270	2620	11850	5550	800	23190

Net water diverted 23190 A.F.
Acreage reported A-4241a-12882

DAILY DIVERSIONS OF CANALS--1963

SHERIDAN-WILSON CANAL from North Platte River
Measured through section of canal
Sec. 20-14-35 W.

SHERIDAN-WILSON CANAL from Sarben Slough
Measured in section of slough
Sec. 20-14-35 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	4	0
2	0	0	2	4	0
3	0	0	3	4	0
4	0	0	3	4	0
5	0	0	3	4	0
6	0	0	3	4	0
7	0	0	3	3	0
8	0	0	4	3	0
9	0	0	5	3	0
10	0	0	5	3	0
11	0	0	4	4	0
12	0	0	4	4	0
13	0	0	4	4	0
14	0	0	4	4	0
15	0	0	4	4	0
16	0	0	2	4	0
17	0	0	1	4	0
18	0	0	1	4	0
19	0	0	1	4	0
20	0	0	1	4	0
21	0	0	1	1	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	2	0	0
28	0	0	3	0	0
29	0	0	3	0	0
30	0	0	3	0	0
31	0	-	4	0	-
Mean	0	0	3	2	0
Max.	0	0	5	4	0
Min.	0	0	0	0	0
A.F.	0	0	160	150	0

Water diverted 310 A.F.

Date	May	June	July	Aug.	Sept.
1	0	6	5	6	6
2	0	6	5	6	6
3	0	6	5	6	6
4	0	6	5	6	7
5	0	6	5	6	7
6	0	6	5	6	7
7	6	6	5	6	7
8	6	6	5	6	7
9	6	6	6	6	7
10	6	7	6	6	7
11	6	7	6	6	7
12	6	7	6	6	7
13	6	7	6	6	7
14	6	7	6	6	7
15	6	7	6	6	7
16	6	7	6	6	7
17	6	7	6	6	7
18	6	7	6	6	7
19	6	6	6	6	7
20	6	6	6	6	9
21	6	6	6	6	9
22	6	6	6	6	9
23	6	6	6	6	9
24	6	6	6	6	9
25	6	6	6	6	9
26	6	6	6	6	9
27	6	6	6	6	9
28	6	6	6	6	9
29	6	6	6	6	9
30	6	6	6	6	9
31	6	-	6	6	-
Mean	5	6	6	6	8
Max.	6	7	6	6	9
Min.	0	6	5	6	6
A.F.	300	370	350	370	450

Water diverted 1840 A.F.

DAILY DIVERSIONS OF CANALS--1963

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet---1963

	May	June	July	Aug.	Sept.	Total
Diversion:						
North Platte River	0	0	160	150	0	310
Sarben Slough	300	370	350	370	450	1840
Total diversion	300	370	510	520	450	2150

Water diverted 2150 A.F.
Acreage reported D-710-918

DAILY DIVERSIONS OF CANALS--1963
SHORT LINE CANAL from North Platte River
Measured through rating flume--Sec. 25-21-55 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	33	12	20	0	34	12	33
2	38	12	28	0	28	12	35
3	32	12	27	0	27	14	14
4	19	12	17	0	33	22	23
5	16	14	85	0	37	33	8
6	20	10	69	5	37	44	6
7	14	7	76	20	35	20	6
8	14	9	76	23	35	19	6
9	10	10	33	26	27	24	1
10	10	11	44	33	32	24	10
11	14	12	42	28	33	26	24
12	14	14	34	34	34	24	26
13	14	14	34	26	28	28	23
14	8	17	33	15	31	28	23
15	8	20	37	0	31	31	22
16	8	0	34	0	31	36	20
17	8	0	31	0	31	32	17
18	8	0	30	0	28	37	30
19	9	0	34	0	32	35	55
20	12	0	37	0	33	25	52
21	16	0	40	0	50	19	30
22	10	0	40	0	45	10	44
23	10	0	36	0	38	6	45
24	9	0	36	18	28	7	12
25	10	0	26	24	32	8	11
26	10	0	41	31	27	8	31
27	10	0	37	31	31	18	50
28	10	0	35	46	26	22	49
29	11	0	31	40	21	24	60
30	10	0	42	38	17	26	53
31	10	-	0	-	16	25	-
Mean	14	6	38	15	31	23	27
Max.	38	20	85	46	50	44	60
Min.	8	0	0	0	16	6	1
A.F.	840	370	2350	870	1920	1390	1620

Water diverted 9360 A.F.
Acreage reported D-946-2861

DAILY DIVERSIONS OF CANALS--1963
SIX MILE CANAL from Platte River
Measured through Parshall flume--Sec. 18-11-25 W.

Date	May	June	July	Aug.	Sept.
1	0	0	12	15	0
2	0	0	13	15	0
3	0	0	14	17	0
4	0	0	15	17	0
5	0	0	16	17	0
6	0	0	18	17	0
7	0	0	12	13	0
8	0	0	9	9	0
9	0	0	15	5	0
10	0	0	17	5	0
11	0	0	19	6	0
12	0	0	22	6	0
13	0	0	23	5	0
14	0	0	20	4	0
15	0	0	1	3	0
16	0	0	0	4	0
17	0	0	0	1	0
18	0	0	1	4	0
19	0	0	2	6	0
20	0	0	3	1	0
21	0	0	8	1	0
22	0	0	7	0	0
23	0	0	8	0	0
24	0	0	8	0	0
25	0	0	9	0	0
26	0	0	10	0	0
27	0	0	13	0	0
28	0	0	14	0	0
29	0	0	14	0	0
30	0	0	14	0	0
31	0	-	16	0	-
Mean	0	0	11	6	0
Max.	0	0	23	17	0
Min.	0	0	0	0	0
A.F.	0	0	700	340	0

Water diverted 1040 A.F.
Sutherland storage available
Acreage reported D-680-1173

DAILY DIVERSIONS OF CANALS--1963
SPALDING POWER CANAL from Cedar River
Measured through section of canal--Sec. 28-20-9 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	16	112	122	110	122	132	0	149	141	12	115	141
2	148	124	115	110	148	139	23	148	119	75	120	140
3	148	112	117	106	132	142	69	156	131	76	82	129
4	130	111	120	129	139	140	22	154	142	65	102	118
5	122	114	116	134	158	117	157	160	110	72	116	113
6	134	118	108	123	156	134	135	154	126	109	135	122
7	136	105	120	122	161	131	136	116	104	118	116	110
8	129	115	112	131	134	135	136	142	109	89	94	97
9	120	110	47	118	138	151	157	154	104	90	88	100
10	131	111	66	21	103	147	162	142	103	102	101	125
11	115	102	26	0	85	144	165	116	104	107	90	143
12	104	114	78	61	132	140	170	131	85	88	102	133
13	100	75	93	108	125	141	157	125	111	111	100	142
14	92	0	96	128	137	144	139	124	97	105	89	141
15	118	0	94	133	118	144	145	126	100	102	89	103
16	101	0	97	127	128	139	160	135	139	105	82	128
17	117	0	126	118	128	124	159	144	114	118	73	141
18	118	0	144	118	132	143	152	131	112	67	78	138
19	117	12	135	105	130	143	146	134	111	74	96	137
20	124	112	135	123	122	136	136	126	109	111	80	117
21	109	120	137	120	64	139	141	116	102	83	93	122
22	105	125	121	120	113	144	147	119	106	80	90	136
23	126	118	110	121	136	141	129	116	85	75	85	128
24	118	123	100	121	130	130	139	119	80	113	82	145
25	121	122	104	124	142	132	139	118	79	60	79	140
26	122	124	110	121	138	140	115	125	71	71	88	60
27	118	124	120	130	134	132	127	137	86	93	122	0
28	110	115	120	129	138	128	0	151	43	100	140	21
29	121	124	116	126	---	75	25	132	0	105	150	0
30	112	117	120	123	---	0	157	119	0	97	131	58
31	120	---	116	115	---	0	---	116	-	111	117	---
Mean	116	92	108	112	129	127	122	133	98	90	101	111
Max.	148	125	144	134	161	151	170	160	142	118	150	145
Min.	16	0	26	0	64	0	0	116	0	12	73	0
A.F.	7140	5470	6630	6890	7190	7790	7230	8200	5810	5520	6200	6600

Total acre-feet 80670 A.F.

DAILY DIVERSIONS OF CANALS--1963
SUBURBAN CANAL from North Platte River
Measured through rating flume--Sec. 8-14-32 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	40	0	19	72	88	103	65
2	22	0	40	60	77	103	68
3	6	0	55	53	91	92	66
4	5	0	47	58	113	89	77
5	4	0	63	51	132	89	74
6	2	0	45	57	138	87	53
7	1	0	51	66	128	84	45
8	1	0	53	64	128	92	40
9	0	0	45	69	133	94	75
10	0	0	40	73	135	91	56
11	0	0	40	66	114	93	42
12	0	0	41	70	100	99	42
13	0	0	35	76	99	103	53
14	0	0	33	76	98	108	59
15	0	0	52	86	96	108	69
16	0	0	80	96	94	98	44
17	0	0	76	78	92	96	23
18	0	0	74	76	91	88	21
19	0	0	75	72	92	82	20
20	0	0	77	69	92	68	19
21	0	0	71	74	92	53	21
22	0	0	58	76	100	55	22
23	0	0	55	72	103	67	21
24	0	6	54	79	101	62	20
25	0	17	52	81	100	42	20
26	0	20	52	79	106	48	19
27	0	22	56	76	111	63	20
28	0	20	54	89	109	58	20
29	0	23	51	89	108	69	19
30	0	20	52	92	109	70	18
31	0	---	69	---	106	63	---
Mean	3	4	54	73	106	81	40
Max.	40	23	80	96	138	108	77
Min.	0	0	19	51	77	42	18
A.F.	160	250	3300	4360	6500	4990	2400

Water diverted 21960 A.F.
Includes Sutherland storage
Acreage reported D-662-6235

DAILY DIVERSIONS OF CANALS--1963
SUPERIOR CANAL from Republican River--Measured
through 12-foot Parshall flume--Sec. 7-1-9 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	60	0	73	122	12
2	0	60	0	84	114	6
3	0	50	0	90	113	0
4	0	42	18	110	109	0
5	0	42	30	122	110	0
6	0	42	50	123	108	0
7	0	42	50	128	104	0
8	0	42	54	134	102	0
9	0	42	52	132	112	0
10	0	42	52	130	119	0
11	0	42	44	135	124	0
12	0	42	37	124	127	0
13	0	42	26	122	124	0
14	0	43	27	121	102	0
15	0	44	27	110	87	0
16	0	43	27	91	79	0
17	0	43	18	80	67	0
18	0	40	0	71	55	0
19	0	33	0	70	48	0
20	0	33	0	70	30	0
21	0	32	0	81	29	0
22	0	32	28	87	30	0
23	0	32	40	94	29	0
24	0	32	44	108	28	0
25	0	32	55	131	27	0
26	0	32	57	136	26	0
27	0	8	58	137	18	0
28	0	0	55	139	12	0
29	46	0	55	139	12	0
30	60	0	55	134	12	0
31	---	0	---	129	12	---
Mean	4	34	32	110	71	1
Max.	60	60	58	139	127	12
Min.	0	0	0	70	12	0
A.F.	210	2120	1900	6810	4350	40

Water diverted 15430 A.F.
Supplemental storage included
Acreage reported A-2691cR-5501; A-6223-268;
A-9723-48; A-9875-49; Total-5866

DAILY DIVERSIONS OF CANALS--1963
SUTHERLAND CANAL from North Platte River for Storage and Power
Measured through concrete lined section of canal--Sec. 7-14-37 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	836	456	948	619	530	410	35	122	1340	2050	1630	926
2	921	453	932	626	537	412	0	228	1290	2050	1620	913
3	921	463	739	627	546	424	0	543	1200	2020	1600	912
4	922	462	670	630	555	432	0	876	1000	2020	1590	807
5	903	464	626	633	546	428	0	1140	804	2000	1530	662
6	876	425	639	645	544	426	0	1350	567	2010	1560	539
7	926	471	630	622	546	412	0	1510	371	2020	1550	419
8	1010	476	630	543	544	422	0	1510	194	2020	1540	262
9	1200	424	632	523	529	421	0	1540	99	2010	1530	194
10	1290	491	637	529	536	420	0	1550	23	1990	1520	137
11	1370	497	634	520	540	422	0	1530	0	1930	1500	108
12	1450	513	632	523	520	413	0	1550	0	1970	1490	0
13	1630	602	637	526	516	417	0	1570	15	1960	1470	0
14	1630	733	638	530	516	417	0	1700	32	1950	1460	0
15	1570	931	643	527	518	423	0	1800	227	1930	1460	0
16	1600	1030	645	527	523	438	0	1800	369	1920	1440	0
17	1600	1060	653	529	526	390	0	1300	441	1910	1430	0
18	1410	1020	659	532	523	434	0	1790	597	1830	1420	0
19	1220	1040	659	532	523	443	0	1800	738	1870	1400	0
20	1020	1030	657	533	445	438	0	1350	1020	1860	1400	0
21	901	1030	672	533	411	562	0	1940	1250	1360	1400	0
22	735	1030	658	533	404	757	0	1950	1460	1860	1410	0
23	534	1040	654	533	404	768	0	1960	1630	1850	1400	0
24	448	1040	667	530	406	777	0	1970	1850	1340	1410	0
25	436	1040	675	526	399	757	0	1970	1940	1310	1400	0
26	438	1050	651	525	407	715	0	1960	1930	1760	1400	0
27	442	1050	603	523	413	590	0	1950	2070	1720	1400	0
28	443	1050	611	522	408	439	0	1830	2070	1700	1370	43
29	449	1050	605	520	---	325	0	1670	2060	1650	1240	124
30	449	1050	608	526	---	197	0	1550	2040	1670	1100	151
31	452	---	618	534	---	79	0	1440	---	1660	942	---
Mean	972	761	660	551	493	465	1	1545	959	1298	1441	209
Max.	1630	1060	948	645	546	777	35	1970	2070	2050	1630	926
Min.	436	453	605	520	399	79	0	122	0	1660	942	48
A.F.	59760	46790	40590	33900	27400	28600	70	94990	57050	116730	88580	12400

Water diverted 606890 A.F.

DAILY DIVERSIONS OF CANALS--1963
SUTHERLAND CANAL for power from South Platte River
Measured through 25-foot Parshall flume--Sec. 8-13-36 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	342	342	310	298	506	413	92	155	19	0	0
2	0	344	342	334	329	495	369	89	142	17	0	0
3	0	342	329	354	364	512	336	88	139	16	0	0
4	0	344	339	376	437	514	310	80	139	15	0	0
5	0	339	329	382	556	582	287	101	118	14	0	0
6	0	346	342	402	708	603	294	88	113	14	0	0
7	0	344	334	356	828	661	274	100	108	14	0	0
8	0	344	336	372	835	673	276	89	86	14	0	0
9	0	342	336	402	693	752	258	80	72	14	0	0
10	0	334	334	312	690	801	274	72	47	14	0	0
11	0	336	195	267	790	828	249	65	0	14	0	0
12	0	339	189	216	576	863	254	62	0	12	0	0
13	0	336	356	117	569	870	258	57	8	12	0	0
14	136	329	426	130	645	870	232	60	41	0	0	0
15	310	342	400	149	778	838	222	61	46	0	0	0
16	322	334	374	181	798	905	209	61	43	0	0	0
17	305	346	339	201	758	902	199	58	39	0	0	0
18	305	356	352	220	798	888	187	54	36	0	0	0
19	320	359	349	220	748	832	162	57	35	0	0	0
20	329	359	359	203	637	852	157	65	34	0	0	0
21	336	344	365	216	621	775	151	65	33	0	0	0
22	344	344	327	222	594	842	144	60	31	0	0	0
23	344	352	151	224	591	849	134	60	31	0	0	0
24	346	346	157	220	576	835	127	62	28	0	0	0
25	346	344	142	226	532	815	113	60	28	0	0	0
26	346	346	104	242	541	742	95	60	26	0	0	0
27	349	334	104	244	532	719	102	61	26	0	0	0
28	344	339	117	249	512	686	102	61	21	0	0	0
29	332	339	164	251	---	615	98	56	21	0	0	0
30	344	344	214	265	---	562	95	57	21	0	0	0
31	339	---	265	278	---	475	---	65	---	0	0	0
Mean	187	343	284	263	619	731	213	69	56	6	0	0
Max.	349	359	426	402	835	905	413	101	155	19	0	0
Min.	0	329	104	117	298	475	95	54	0	0	0	0
A.F.	11500	20410	17480	16150	34380	44950	12650	4260	3310	370	0	0

Water diverted 165460 A.F.

DAILY DIVERSIONS OF CANALS--1963
SUTHERLAND POWER RETURN to the South Platte River at North Platte
measured through power wheels--Sec. 21-13-30 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	596	818	850	772	1040	722	1322	635	662	1516	1581	774
2	541	886	683	782	1123	704	1332	676	675	1722	1631	826
3	590	930	771	767	1092	724	1385	688	666	1686	1473	856
4	561	960	785	692	943	721	1335	678	882	1875	1407	770
5	576	1135	784	711	928	778	1343	748	872	1855	1362	702
6	534	1081	787	743	771	729	1403	725	903	1651	1286	728
7	491	1138	731	729	839	796	1385	721	913	1651	1184	662
8	500	1101	750	676	607	703	1349	829	871	1792	1159	657
9	540	1102	736	720	589	730	1129	840	817	1879	1293	672
10	474	1071	746	775	525	745	1028	869	842	1752	1434	699
11	483	1073	759	797	562	754	866	913	856	1755	1494	704
12	438	1164	765	874	578	746	802	906	895	1565	1516	658
13	438	1081	804	799	599	836	799	939	859	1369	1531	725
14	431	1146	792	800	603	717	805	1007	840	1302	1261	614
15	421	1141	833	778	574	717	793	1097	888	1263	1197	630
16	446	1123	776	779	591	723	827	1146	836	1306	1182	594
17	549	1116	843	748	610	723	735	1159	805	945	1047	484
18	599	1108	847	769	613	769	744	1084	808	1001	928	418
19	574	1137	821	775	599	736	704	1032	213	1220	963	404
20	583	1129	817	656	638	735	712	1019	747	1511	696	366
21	573	1132	805	761	709	799	699	1047	783	1493	823	337
22	605	1042	813	834	755	808	770	1154	958	1500	902	267
23	641	1112	779	876	701	818	737	1186	923	1413	899	273
24	573	1120	776	908	715	811	728	1222	1013	1571	803	235
25	560	1064	737	925	735	849	672	1201	1113	1708	800	225
26	578	1116	846	922	737	856	596	1208	1131	1714	889	65
27	560	1038	844	921	711	972	560	1167	1307	1684	858	65
28	573	922	806	925	707	967	636	1051	1447	1578	850	66
29	690	896	827	937	---	991	603	1075	1611	1480	808	66
30	1024	809	788	997	---	1109	634	1085	1742	1494	831	66
31	809	---	802	995	---	1240	---	1009	---	1486	887	---
Mean	566	1056	790	811	721	807	914	972	946	1542	1131	487
Max.	1024	1164	850	997	1123	1240	1403	1222	1742	1879	1631	856
Min.	421	809	683	656	525	703	560	635	662	945	696	65
A.F.	34810	62870	48600	49870	40060	49640	54410	59750	56290	94800	69550	28950

Water returned 649590 A.F.

DAILY DIVERSIONS OF CANALS--1963
THIRTY MILL CANAL from Platte River
Measured through Parshall flume--Sec. 31-12-26 W.

Date	May	June	July	Aug.	Sept.
1	0	50	84	206	53
2	0	50	108	208	51
3	0	48	146	195	50
4	0	48	208	178	51
5	0	50	248	177	49
6	33	51	297	177	44
7	54	49	318	177	43
8	57	49	309	177	46
9	59	49	311	178	44
10	53	49	309	177	41
11	53	48	297	183	46
12	50	48	275	195	43
13	50	49	259	195	26
14	51	53	220	190	0
15	51	35	206	194	0
16	51	0	187	187	0
17	53	33	120	177	0
18	53	48	119	162	0
19	51	51	120	94	0
20	48	48	134	50	0
21	50	47	157	31	0
22	48	47	182	0	0
23	51	47	194	0	0
24	53	46	197	0	0
25	54	45	220	18	0
26	52	47	227	50	0
27	51	48	226	49	0
28	50	51	222	50	0
29	49	58	222	51	0
30	49	78	215	54	0
31	51	---	206	54	---
Mean	43	47	211	124	20
Max.	59	78	318	208	53
Min.	0	0	84	0	0
A.F.	2630	2320	12980	7610	1160

Water diverted 27200 A.F.
Sutherland storage included
Acreage reported A-1853-19254; A-1976-3555;
A-2077-320; Total-23129

DAILY DIVERSIONS OF CANALS--1963
 TRI-COUNTY CANAL from Platte River for Power and Irrigation
 Measured through 30-foot Parshall flume--Sec. 23-13-29 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1070	1240	1370	1090	996	1230	1670	1150	1500	1910	2110	1410
2	925	1240	1220	1090	1060	1310	1610	1220	1340	1950	2120	1360
3	1090	1240	1170	1140	987	1280	1740	1180	1320	1990	2090	1360
4	962	1320	1090	1170	1150	1280	1700	1210	1400	2010	2110	1320
5	1110	1420	1210	1250	1240	1160	1650	1310	1410	2020	2110	1250
6	1100	1400	1100	1230	1380	1270	1720	1410	1350	2000	2120	1150
7	1160	1430	973	1250	1550	1320	1720	1230	1360	2000	2100	1110
8	1170	1500	1150	1210	1440	1230	1720	1240	1250	2020	2100	1060
9	989	1410	1200	1240	1470	1340	1560	1300	1220	1990	2100	1240
10	1120	1410	1140	849	1540	1360	1590	1210	1290	2010	2130	1290
11	1170	1440	755	686	1130	1460	1510	1230	1350	2020	2120	1300
12	1080	1430	681	707	966	1310	1420	1250	1310	2020	2130	1190
13	1080	1380	875	846	1290	1410	1360	1260	1350	2020	2120	1160
14	1070	1540	1410	925	1380	1310	1300	1230	1260	2030	2090	1220
15	1080	1550	1350	966	1240	1230	1310	1460	1290	2000	1900	1450
16	935	1450	1320	918	1270	1250	1290	1580	1450	2010	2180	1730
17	920	1480	1410	1180	1310	1250	1180	1630	1440	2000	2160	1230
18	924	1480	1310	1150	1340	1290	1220	1590	1270	2010	2150	1190
19	968	1520	1260	1150	1250	1260	1190	1580	1230	2000	2140	1080
20	906	1420	1260	1100	1310	1310	1100	1580	1200	2060	2090	910
21	932	1550	1300	1180	1300	1370	1150	1440	1130	2020	2010	1210
22	1120	1530	1280	1150	1210	1340	1090	1540	1190	2030	1880	1370
23	929	1410	938	1120	1350	1320	1100	1570	1230	2030	1550	1340
24	966	1520	882	1130	1300	1340	1130	1500	1260	2040	1630	1070
25	952	1450	742	1100	1300	1300	1270	1610	1290	2060	1480	988
26	955	1520	710	1100	1230	1260	1200	1600	1340	2060	1520	837
27	926	1370	872	1090	1270	1430	1200	1570	1440	2080	1370	733
28	965	1390	961	1070	1290	1450	1220	1410	1440	2080	1360	832
29	939	1340	1110	946	----	1360	1240	1470	1690	2060	1330	858
30	1430	1270	1160	978	----	1450	1210	1590	1890	2080	1290	880
31	1290	----	1110	942	----	1610	----	1740	----	2060	1440	----
Mean	1042	1423	1107	1063	1270	1325	1379	1416	1350	2022	1904	1171
Max.	1430	1550	1410	1250	1550	1610	1740	1890	2080	2080	2180	1730
Min.	920	1240	681	686	966	1160	1090	1150	1130	1910	1290	733
A.F.	64090	84700	68070	65360	70510	81500	82060	87050	80310	124300	117080	69680

Water diverted 994710 A.F.

Acreeage reported A-2355, A-3476-89127; Storage only A-3476-95284; A-3620-1024; A-3823-993; A-4656-1496; A-5278-7299; A-7716-800; A-9673-28746; Total-224769

DAILY DIVERSIONS OF CANALS--1963
 TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River
 Measured through Parshall flume--Sec. 36-12-27 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7	0	0	0	0	0	0	0	26	352	41	42
2	0	0	0	0	0	0	0	0	27	294	57	43
3	0	0	0	0	0	0	0	0	27	130	52	44
4	0	0	0	0	0	0	0	0	26	151	31	44
5	0	0	0	0	0	0	0	0	23	0	42	44
6	0	0	0	0	0	0	0	0	21	0	19	34
7	0	0	0	0	0	0	0	0	19	0	31	26
8	0	0	0	0	0	0	0	17	36	0	73	38
9	0	0	0	0	0	0	0	58	52	0	106	19
10	0	0	0	0	66	0	0	72	51	0	165	0
11	0	0	0	0	103	0	0	75	38	0	218	0
12	0	0	0	0	0	0	0	72	45	0	226	0
13	0	0	0	0	0	0	0	78	51	0	211	0
14	0	0	0	0	0	0	0	80	89	0	105	0
15	0	0	0	0	0	0	0	74	112	0	42	0
16	0	0	0	0	0	0	0	72	27	0	43	0
17	0	0	0	0	0	0	0	74	23	0	36	0
18	0	0	0	0	0	0	0	81	54	0	29	0
19	0	0	0	0	0	0	0	82	89	0	0	0
20	0	0	0	0	0	0	0	35	91	0	0	0
21	0	0	0	0	0	0	0	22	100	0	0	0
22	0	0	0	0	0	0	0	42	105	40	0	0
23	0	0	0	0	0	0	0	33	122	45	0	0
24	0	0	0	0	0	0	0	32	124	102	12	0
25	0	0	0	0	0	0	0	36	126	96	26	0
26	0	0	0	0	0	0	0	38	150	97	42	0
27	0	0	0	0	0	0	0	37	231	161	33	0
28	0	0	0	0	0	0	0	42	316	120	35	0
29	0	0	0	0	0	0	0	46	370	17	38	0
30	0	0	0	0	0	0	0	44	411	51	42	0
31	0	0	0	0	0	0	0	28	---	38	42	0
Mean	0	0	0	0	6	0	0	41	99	55	60	11
Max.	7	0	0	0	103	0	0	82	411	352	226	44
Min.	0	0	0	0	0	0	0	0	19	0	0	0
A.F.	10	0	0	0	340	0	0	2520	5920	3360	3660	660

Water returned 16470 A.F.

DAILY DIVERSIONS OF CANALS--1963
 TRI-COUNTY CANAL, JOHNSON POWER RETURN
 To Platte River--Sec. 2-8-21 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	869	1017	1178	713	774	1035	1431	563	521	70	34	343
2	961	995	904	824	814	1297	1455	506	590	66	30	500
3	898	997	1028	831	764	793	1540	480	818	46	12	501
4	934	809	1134	801	745	1405	1499	481	1070	26	12	574
5	861	1144	1216	830	716	1253	1457	426	785	14	62	447
6	785	1352	1049	532	723	1264	1430	486	637	46	82	590
7	669	1352	1045	868	845	1195	881	541	350	42	66	570
8	764	1402	1108	1016	812	1164	1335	442	222	30	82	551
9	909	1336	857	1008	796	1163	1324	291	115	26	74	734
10	884	1360	1095	1023	790	795	1173	242	187	14	82	643
11	1005	1092	1120	1016	791	1296	1125	245	58	34	30	677
12	918	1292	995	1119	851	1250	1143	237	144	58	26	721
13	1001	1372	928	975	838	1340	1080	223	173	70	74	689
14	889	1330	872	929	828	1307	679	176	60	50	78	635
15	950	1142	1055	920	818	1392	961	205	85	70	74	662
16	957	1149	825	908	932	1306	980	165	169	82	50	696
17	906	1318	968	860	846	722	980	169	154	54	102	820
18	867	921	957	844	962	1327	1011	184	364	58	94	828
19	851	1298	945	742	1024	1184	900	193	491	90	22	1030
20	863	1325	1031	754	1135	1196	878	159	515	94	74	730
21	848	1258	960	781	1345	1197	637	189	502	78	70	665
22	879	805	1238	726	1481	1170	848	196	114	82	102	657
23	877	1396	819	801	1361	1166	656	249	110	90	54	816
24	873	1683	983	768	884	772	634	251	166	86	30	698
25	887	1046	844	757	1040	1213	521	234	46	98	46	766
26	828	1436	863	776	1060	1169	613	235	58	98	98	822
27	878	1206	810	777	1106	1181	725	250	62	94	42	758
28	830	1116	797	816	1174	1279	387	264	78	102	46	819
29	874	1240	842	798	----	1322	624	284	82	98	18	725
30	891	1215	736	808	----	1319	561	318	74	26	10	776
31	860	----	827	886	----	841	----	408	----	38	4	----
Mean	880	1213	969	845	938	1173	982	300	293	62	54	681
Max.	1005	1683	1238	1119	1481	1405	1499	563	1070	102	102	1030
Min.	669	805	736	713	716	722	387	159	46	14	4	343
A.F.	54080	72210	59560	51980	52080	72130	58430	18430	17460	3830	3330	40530
Water returned 504050 A.F.												

DAILY DIVERSIONS OF CANALS--1963
 TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT
 AND PREFERRED RIGHTS from North Platte River
 Measured through section of canal--Sec. 10-23-58 W.

Date	May	June	July	Aug.	Sept.
1	197	197	833	917	724
2	470	199	926	941	657
3	872	212	938	915	745
4	814	196	990	917	600
5	824	244	1018	926	565
6	860	201	1027	899	541
7	866	195	1006	903	510
8	884	253	1030	913	408
9	879	153	989	901	560
10	942	84	997	910	556
11	888	186	1003	911	511
12	888	210	1009	895	567
13	895	112	999	894	570
14	862	133	946	900	555
15	863	115	915	906	568
16	685	197	880	901	619
17	500	191	914	926	680
18	277	146	922	896	720
19	177	99	853	855	733
20	323	129	836	878	749
21	229	158	894	881	686
22	121	190	930	872	595
23	114	173	938	877	558
24	130	98	884	833	422
25	47	115	876	780	289
26	19	164	923	791	314
27	34	608	935	782	327
28	40	674	915	757	328
	139	637	903	777	251
	221	779	906	718	188
31	189	----	917	692	----
Mean	492	235	937	867	537
Max.	942	779	1027	941	749
Min.	19	84	833	692	188
A.F.	30250	13980	57620	53280	31930
Water diverted 187060 A.F. Pathfinder Storage included					

DAILY DIVERSIONS OF CANALS--1963

TRI-STATE DIVERSIONS
For Farmers Irrigation District and Preferred Rights
Summary in Acre-feet--1963

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River....	30250	13980	57620	53280	31930	187060
*Optional diversions...	350	160	1380	1600	810	4300
**Drains.....	80	0	0	0	310	390
Total.....	30680	14140	59000	54880	33050	191750

Water diverted 191750 A.F.
Acreage reported D-918-58437; A-660-2913; O.D.'s-1711; Total-63061
*Estimated
**Diverted by Tri-State Canal in excess of Northport diversion at Red Willow turnout.

DAILY DIVERSIONS OF CANALS--1963
UNION CANAL from Blue Creek--Measured
through rating flume--Sec. 18-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	21	13	11
2	10	0	0	19	13	0
3	3	0	0	18	13	0
4	0	0	0	17	13	0
5	0	8	0	19	8	0
6	0	8	0	16	6	0
7	0	9	0	17	5	0
8	0	9	0	2	6	0
9	0	10	0	12	9	0
10	0	9	0	18	13	0
11	0	8	0	16	13	0
12	0	8	0	10	18	0
13	0	10	0	9	22	0
14	0	12	0	8	22	0
15	0	8	0	13	17	0
16	0	11	0	15	0	0
17	0	14	0	15	1	0
18	0	17	3	15	10	0
19	0	14	5	13	13	0
20	0	9	5	11	14	0
21	0	8	15	10	17	0
22	0	7	15	10	19	0
23	0	8	16	12	19	0
24	0	10	18	13	20	0
25	0	6	23	12	21	0
26	0	7	25	15	23	0
27	0	6	26	17	20	0
28	0	5	24	13	14	0
29	0	6	22	13	18	0
30	0	7	21	13	18	0
31	0	7	--	13	14	-
Mean	1	8	7	14	14	0
Max.	10	17	26	21	23	11
Min.	0	0	0	2	0	0
A.F.	50	480	430	840	860	20

Water diverted 2680 A.F.
Acreage reported D-763-1315

DAILY DIVERSIONS OF CANALS--1963
WESTERN CANAL from South Platte River
Measured in section of canal--Sec. 14-12-43 W.

Date	Oct.	Nov.	Dec.	Apr.	May	June	July	Aug.	Sept.
1	67	48	36	0	56	103	24	21	26
2	67	45	38	0	58	92	26	22	22
3	52	45	40	0	52	94	24	23	21
4	46	46	41	0	56	84	24	23	22
5	41	45	43	0	97	100	30	50	22
6	54	43	43	0	124	103	31	36	22
7	56	45	31	0	97	89	46	33	23
8	48	41	24	0	86	69	38	54	22
9	43	43	0	0	79	67	33	48	22
10	46	41	0	0	65	61	36	40	24
11	52	40	0	0	54	41	28	34	24
12	54	41	0	41	54	36	27	31	22
13	52	40	0	79	54	40	163	26	21
14	50	43	0	76	50	38	100	24	23
15	50	48	0	76	52	38	58	26	24
16	46	50	0	76	50	84	63	23	26
17	43	58	0	72	52	63	50	19	24
18	40	58	0	65	54	52	45	21	22
19	40	56	0	61	58	46	36	16	22
20	34	58	0	54	58	40	33	16	27
21	30	65	0	50	56	33	30	19	40
22	30	67	0	61	54	31	26	21	56
23	36	58	0	76	50	31	27	19	61
24	38	45	0	74	50	30	26	18	56
25	41	45	0	69	50	30	24	18	58
26	43	52	0	61	46	31	24	19	128
27	36	43	0	56	48	27	21	21	138
28	34	46	0	56	30	24	19	23	124
29	34	50	0	61	40	23	22	22	115
30	46	41	0	58	48	24	21	21	103
31	52	--	0	--	138	--	22	21	---
Mean	45	48	10	41	62	54	38	26	45
Max.	67	67	43	79	138	103	163	54	138
Min.	30	40	0	0	30	23	19	16	21
A.F.	2780	2870	590	2420	3800	3220	2330	1600	2660

Water diverted 22270 A.F.
Acreage reported A-393-11305; A-1804-764; A-4739-498; Total-12567

DAILY DIVERSIONS OF CANALS--1963

WINTER CREEK CANAL from North Platte River
Measured through Parshall flume--Sec. 17-22-55 W.

WINTER CREEK CANAL from Winter Creek
Measured through Parshall flume--Sec. 19-22-54 W.

Date	May	June	July	Aug.	Sept.	Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	24	25	23	1	0	37	13	42	45	40
2	0	0	24	24	24	2	0	35	24	46	45	39
3	0	0	24	23	24	3	0	37	23	44	47	38
4	0	0	22	28	22	4	0	40	24	41	46	38
5	0	0	24	22	21	5	0	35	23	44	46	40
6	0	0	32	20	19	6	0	37	23	45	46	40
7	16	0	33	27	18	7	0	35	24	52	45	40
8	19	0	30	28	23	8	0	41	26	51	45	40
9	20	0	25	18	23	9	0	43	11	49	45	42
10	19	0	28	30	19	10	0	43	0	49	45	43
11	20	0	32	30	18	11	0	40	0	41	41	42
12	20	0	28	30	20	12	0	38	0	49	41	42
13	25	0	32	29	20	13	0	45	0	51	44	42
14	30	0	30	30	19	14	0	43	0	51	43	42
15	32	0	28	30	19	15	0	42	0	51	42	42
16	29	0	26	30	20	16	0	43	0	47	43	42
17	31	0	25	28	19	17	0	42	0	45	43	43
18	31	0	25	30	18	18	0	40	0	45	44	43
19	32	0	27	32	18	19	0	40	10	45	44	43
20	32	0	27	30	20	20	0	40	17	45	44	43
21	30	0	27	30	7	21	0	39	16	45	43	38
22	27	0	28	30	0	22	0	38	16	45	44	34
23	26	0	28	30	0	23	0	34	18	46	43	32
24	26	0	27	30	11	24	0	37	23	46	44	32
25	28	4	26	30	5	25	10	37	27	46	43	32
26	29	21	27	28	0	26	27	38	31	46	43	32
27	28	26	30	26	0	27	28	38	36	46	43	32
28	9	27	30	25	0	28	29	37	35	46	42	32
29	0	29	26	25	0	29	26	37	36	46	42	32
30	0	30	25	26	0	30	30	25	43	46	43	30
31	0	--	26	27	-	31	--	0	--	46	41	--
Mean	18	5	27	27	14	Mean	5	37	17	46	44	38
Max.	32	30	33	32	24	Max.	30	45	43	52	48	43
Min.	0	0	22	18	0	Min.	0	0	0	41	41	30
A.F.	1110	270	1680	1490	850	A.F.	300	2220	990	2350	2690	2280
Water diverted 5600 A.F.					Water diverted 11390 A.F.							

DAILY DIVERSIONS OF CANALS--1963

WINTER CREEK FACTORY LATERAL from Winter Creek
Measured through Parshall flume--Sec. 19-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	5	0	3	4	9	0
2	0	0	3	4	8	0
3	0	0	3	4	8	0
4	0	0	3	5	8	0
5	0	0	3	4	8	0
6	0	0	3	4	8	0
7	0	0	3	3	8	0
8	0	0	1	2	8	0
9	0	1	1	5	10	2
10	0	2	0	7	9	5
11	0	9	0	8	9	5
12	0	9	0	7	9	5
13	0	2	0	8	9	5
14	0	5	0	9	9	5
15	0	0	0	7	9	5
16	0	0	0	7	9	5
17	0	0	0	7	9	5
18	0	0	0	7	9	5
19	0	0	0	7	9	7
20	0	0	3	7	9	8
21	0	0	3	7	9	6
22	0	0	3	5	8	4
23	0	0	3	5	7	4
24	0	0	3	5	2	4
25	0	0	3	6	0	3
26	0	0	3	8	0	2
27	0	0	0	7	0	2
28	0	0	0	7	0	6
29	0	2	3	7	0	10
30	0	6	5	8	0	7
31	0	1	-	10	0	-
Mean	0	1	2	6	6	4
Max.	5	9	5	10	10	10
Min.	0	0	0	2	0	0
A.F.	10	70	100	380	400	220
Water diverted 1180 A.F.						

DAILY DIVERSIONS OF CANALS--1963

WINTER CREEK DIVERSIONS
Summary in Acre-feet--1963

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River.....	0	0	1110	270	1680	1690	850	5600
Winter Creek.....	10	300	2350	1090	3230	3090	2500	12570
Total diversion.....	10	300	3460	1360	4910	4780	3350	18170

Water diverted 18170 A.F.
Acreage reported D-952-5748

DAILY DISCHARGE OF RIVERS AND STREAMS
NOT PUBLISHED BY U. S. GEOLOGICAL SURVEY
1964

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DISCHARGE IN SECOND-FLEET OF NORTH PLATTE RIVER PASSING
TRI-STATE DAM—Water Year Ending September 30, 1964

Date	Apr.	May	June	July	Aug.	Sept.
1	186	73	129	1	122	1
2	206	55	15	2	86	1
3	259	56	12	1	75	1
4	240	55	29	1	48	1
5	243	50	12	1	45	1
6	256	48	4	2	50	1
7	265	52	4	6	53	1
8	259	115	3	7	58	1
9	259	152	2	22	64	1
10	249	147	1	32	64	1
11	258	145	2	13	58	1
12	298	147	3	13	50	1
13	272	58	2	11	49	1
14	256	19	22	11	52	4
15	237	15	52	18	55	9
16	231	12	14	29	56	8
17	228	10	12	35	59	8
18	224	8	10	43	41	7
19	218	6	4	43	28	8
20	272	5	2	43	27	9
21	305	6	1	42	27	10
22	292	6	1	38	24	10
23	275	3	1	37	21	9
24	262	4	1	36	10	9
25	262	3	1	48	5	7
26	253	3	1	133	4	49
27	256	2	1	109	3	101
28	265	1	1	122	3	259
29	206	35	1	122	2	456
30	103	120	1	118	2	478
31	---	150	-	120	1	---
Mean	248	50	11	41	40	48
Max.	305	152	129	133	122	478
Min.	103	1	1	1	1	1
A.F.	14730	3100	630	2510	2460	2830
Total 6 months period			26360	A.F.		

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1964

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1416200	1429300	1469000	1504000	1545000	1537000	1635400	1678800	1678800	1612600	1418800	1273000
2	1413800	1429300	1469000	1506700	1547800	1527000	1635400	1678800	1675900	1607000	1413600	1268200
3	1418900	1432000	1471700	1509400	1547800	1539000	1641200	1631700	1670100	1601200	1403400	1265800
4	1421400	1432000	1471700	1509400	1550600	1537700	1644000	1631700	1670100	1595600	1400600	1263400
5	1421400	1434600	1474400	1512100	1553400	1592700	1646900	1634600	1667200	1587000	1392800	1259600
6	1421400	1434600	1474400	1514800	1553400	1595600	1649800	1634600	1664300	1581400	1387600	1256200
7	1424000	1437200	1477000	1514800	1553400	1595600	1652700	1637500	1664300	1573000	1379800	1253900
8	1424000	1437200	1477000	1517500	1553400	1593400	1649900	1690400	1661400	1567400	1374600	1251400
9	1424000	1437200	1477000	1520200	1556200	1593400	1649800	1693300	1658500	1559000	1369500	1249000
10	1424000	1439900	1477000	1520200	1556200	1601200	1649800	1696200	1655600	1553400	1362000	1246600
11	1421400	1439900	1477000	1520200	1559000	1601200	1646900	1699100	1664300	1547800	1354500	1241500
12	1418800	1439900	1477000	1522900	1561300	1604100	1646900	1699100	1649300	1542200	1347000	1239400
13	1418800	1439900	1477000	1522900	1561800	1604100	1646900	1702000	1649800	1536600	1342000	1237000
14	1416200	1442600	1474400	1522900	1564100	1607000	1646900	1702000	1646900	1531000	1334500	1234600
15	1416200	1442600	1474400	1522900	1564100	1607000	1646900	1705000	1646900	1522900	1329500	1232200
16	1413600	1442600	1474400	1522900	1567400	1609200	1646900	1705000	1644000	1517500	1324500	1229800
17	1413600	1445200	1474400	1522900	1567400	1609800	1649800	1708000	1644000	1512100	1319600	1227400
18	1413600	1447800	1477000	1525600	1570200	1609800	1649800	1708000	1641200	1504000	1317100	1225000
19	1411000	1447800	1479700	1525600	1570200	1612600	1652700	1708000	1638300	1493600	1312200	1222600
20	1411000	1450500	1479700	1523300	1573000	1615500	1652700	1711000	1635400	1493200	1309800	1220300
21	1413600	1450500	1479700	1528300	1573000	1615500	1655600	1711000	1632600	1487800	1307300	1218000
22	1416200	1453200	1482400	1531000	1575800	1618400	1659500	1708000	1632600	1479700	1304800	1215600
23	1413800	1455800	1485100	1533900	1575800	1621200	1661400	1708000	1629800	1474400	1300000	1213200
24	1421400	1455300	1487800	1536600	1578600	1621200	1661400	1705000	1629800	1466400	1297500	1211200
25	1424000	1458400	1490500	1536600	1578600	1624000	1664300	1702000	1626900	1461100	1292600	1210900
26	1424000	1458400	1493200	1536600	1581400	1624000	1670100	1699100	1624000	1455800	1290200	1210900
27	1424000	1461100	1493200	1536600	1581400	1626900	1675900	1696200	1621200	1450500	1287700	1208500
28	1426600	1463800	1493200	1539400	1584200	1626900	1675900	1693300	1621200	1445200	1282800	1208500
29	1426600	1463800	1495900	1542200	1584200	1629300	1675900	1687500	1618400	1437200	1280400	1208500
30	1429300	1466400	1498600	1542200	-----	1632600	1675900	1684600	1615500	1432000	1277900	1206200
31	1429300	-----	1501300	1545000	-----	1632600	-----	1681700	-----	1426600	1275400	-----

SUTHERLAND RESERVOIR SYSTEM
 Combined Storage in Sutherland and Regulator Reservoirs
 Live and Storage for Power in Acre-feet--Township 13 N., Ranges 30 and 33 W.
 Water Year Ending September 30, 1964

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	10040	48910	56930	43900	45020	50130	53660	67220	28410	55430	47600	33910
2	12080	49520	56730	44050	45610	50360	53770	66180	29870	55740	46060	33340
3	12740	50110	56580	44070	46070	50560	53800	64830	31670	55680	44730	32830
4	13550	50360	56500	44270	46580	50530	54650	63370	33630	55960	43950	32470
5	14460	50760	56330	44490	46710	50950	54940	62940	35230	56080	42660	32480
6	15300	51180	56350	44350	47070	50980	56110	61250	37340	56400	41640	32290
7	18140	51110	56270	44400	47330	51000	59400	59820	39030	56720	40580	31880
8	20400	51550	56188	44280	47680	51150	61040	58760	40410	58380	39380	31590
9	22260	51850	55160	44190	48070	51420	63540	57420	40830	59360	37550	30980
10	24110	52090	54510	44170	48600	51490	66120	56450	41140	60280	36800	30830
11	26750	52820	53760	43680	48880	51680	68660	55020	42000	62140	35680	30780
12	29360	53490	52880	42600	48880	51930	71140	53640	42800	63690	34480	30950
13	31820	53780	51040	42090	49010	52270	72860	51770	43970	64880	33500	30780
14	34370	54420	50360	41630	49510	52630	74290	50200	45540	65590	32700	31230
15	36780	55080	49880	41370	49460	52900	75230	48830	46390	65460	32400	31630
16	38180	55480	49010	41280	49410	53150	75920	47130	46940	65500	32370	32010
17	40020	55740	48140	41190	49480	53330	76230	45360	47110	64660	33100	32460
18	41970	56030	47300	40970	49340	53400	76440	43090	47440	64320	33600	32730
19	44030	56120	46770	40900	49510	54130	76240	40920	47550	62760	33390	33020
20	45820	56060	46360	41610	49480	54150	75720	38490	48290	61580	33310	33320
21	46610	56140	45460	41970	49510	54400	75600	35840	48870	60610	33710	33720
22	47070	56350	45080	42180	49360	54310	75220	32450	50190	59640	33220	34570
23	47200	56400	45270	42340	49560	54610	74390	29930	51400	58220	33420	34590
24	47380	56640	45340	42700	49590	54380	73100	27660	52640	57280	33910	34190
25	47740	56780	44430	42910	49720	54020	72790	25650	53720	56320	33900	33640
26	47700	57320	44040	43020	49870	53980	71600	24450	54120	55230	34120	32950
27	47300	57120	44460	43090	49640	54040	71650	24480	54670	53750	34220	32430
28	47730	57150	44390	43580	49740	54020	70460	24750	55300	52890	34310	31860
29	47700	57100	44180	43840	49790	54210	69420	25630	55380	51770	34270	31550
30	48250	57010	43780	44240	-----	54210	68240	26080	55720	50650	34200	31450
31	48510	-----	43980	44630	-----	53830	-----	27150	-----	48800	34200	-----

DISCHARGE IN SECOND-FOOT AT THE CONFLUENCE OF NORTH AND
 SOUTH PLATTE RIVERS NEAR NORTH PLATTE
 Water Year Ending September 30, 1964

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1060	1100	1030	1160	1050	1060	951	1140	1820	1560	3130	1460
2	1090	919	1040	1180	1010	1050	1060	1120	1710	1790	3220	1560
3	1060	924	1030	1080	1040	1050	1270	1120	1650	2070	3380	1410
4	1020	1080	1030	1060	1050	1050	1220	1100	1730	2360	3410	1440
5	1010	1090	1040	1040	1090	1080	1240	985	1480	2580	3330	1460
6	985	1060	1070	1080	1070	1070	1270	1020	1220	2950	3430	1520
7	909	1100	1060	1060	828	1040	1180	1020	1140	3220	3460	1570
8	854	1130	1030	1090	963	1030	1110	1110	1220	3180	3510	1870
9	1010	993	1050	924	1040	1050	1060	1190	1220	3340	3490	1920
10	1070	970	1010	984	1060	1040	1040	1100	1170	3470	3340	2070
11	1120	1030	1100	1090	949	1040	999	1030	1200	3180	3360	1490
12	1120	981	1130	1050	967	1010	989	1040	1280	2910	3310	1480
13	1120	967	1120	1090	930	1020	1080	1010	1300	2510	3260	1420
14	1130	987	1060	1160	962	954	1060	1110	1300	2230	3220	1460
15	918	1060	1090	1240	997	911	973	1120	1360	2420	3190	1440
16	1120	1080	1100	1210	1020	971	947	1140	1360	2530	3180	1470
17	1140	1050	1230	1200	1010	974	954	1140	1310	2600	2690	1460
18	911	1030	1230	1210	961	1000	980	1220	1420	2650	2640	1480
19	931	986	1220	1170	906	1100	997	1220	1510	2340	1880	1480
20	954	996	1230	1120	918	895	1050	1200	1610	2860	2220	1550
21	1250	987	1260	1100	930	998	1120	1310	1690	2940	1600	1490
22	1160	1010	1300	1070	921	1070	1040	1510	2020	3060	1610	1430
23	1080	971	1350	1030	903	1130	1070	1650	1740	3080	1550	1360
24	1050	1030	1380	1030	917	991	1250	1740	1550	3140	1480	1360
25	1030	990	1380	1050	935	1130	1330	1780	1410	3160	1460	1350
26	938	998	1460	1100	862	1100	829	1920	1400	3260	1350	1350
27	927	1000	1420	1120	966	1030	1390	2110	1350	3220	1420	1260
28	1170	1020	1240	934	1020	997	1450	2220	1280	3250	1390	1140
29	1060	998	1200	1040	1120	959	1220	2190	1370	3240	1420	1290
30	1050	1010	1160	1070	-----	954	1160	2060	1400	3230	1390	1020
31	1080	-----	1080	1090	-----	929	-----	1950	-----	3260	1390	-----
Mean	1043	1018	1165	1091	979	1022	1110	1373	1441	2842	2539	1469
Max.	1250	1130	1460	1240	1120	1130	1450	2220	2020	3470	3510	2070
Min.	854	919	1010	924	828	895	829	985	1140	1560	1350	1020
A.F.	64120	60590	71660	67100	56320	62840	66030	84450	85730	174720	156120	87390

Total acre-feet 1037070 A.F.

DISCHARGE IN SECOND-FEET OF PLATTE RIVER PASSING
TRI-COUNTY DIVERSION DAM--Sec. 10-13-29 W.
Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	89	144	39	1210	77
2	77	124	44	1100	40
3	67	95	104	1200	34
4	65	117	165	1280	70
5	55	107	298	1160	49
6	48	65	645	1170	39
7	49	51	979	1230	35
8	55	49	1210	1310	77
9	63	65	1280	1370	72
10	60	53	1680	1230	77
11	55	49	1860	1030	101
12	49	49	1140	1110	53
13	48	72	875	1160	49
14	53	53	472	1160	40
15	48	48	472	1100	70
16	44	63	550	1200	49
17	42	49	464	836	42
18	44	48	615	810	80
19	49	65	645	285	55
20	46	51	685	386	49
21	80	67	764	72	48
22	98	182	798	67	83
23	51	117	1060	55	53
24	86	65	1080	48	44
25	133	55	1120	75	72
26	130	75	1170	51	55
27	216	49	1260	44	44
28	268	44	1280	72	42
29	258	40	1280	46	77
30	258	55	1340	39	58
31	236	--	1340	40	--
Mean	94	72	861	708	58
Max.	268	182	1860	1370	101
Min.	42	40	39	39	34
A.F.	5790	4290	52990	43530	3440
Total May-Sept.	110040 A.F.				

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR ELM CREEK
Sec. 33-9-13 W.--Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	30	36	6	5	6
2	26	35	1	0	5
3	25	17	1	0	4
4	8	10	0	0	6
5	5	12	0	5	8
6	2	23	0	6	8
7	0	22	0	0	15
8	0	42	2	0	14
9	0	16	10	0	11
10	0	9	15	0	8
11	0	10	17	0	6
12	0	9	10	0	6
13	0	10	30	0	6
14	0	8	11	0	6
15	0	7	18	0	15
16	0	4	20	0	9
17	0	13	23	9	14
18	0	9	9	33	13
19	0	4	11	34	12
20	20	3	0	38	20
21	14	1	0	27	13
22	9	1	0	11	19
23	8	0	0	8	17
24	0	0	0	22	25
25	0	58	0	21	28
26	0	51	0	3	25
27	0	52	0	12	25
28	0	52	0	3	18
29	0	4	0	10	19
30	0	6	3	11	19
31	38	--	4	6	--
Mean	6	17	6	8	13
Max.	38	58	30	38	28
Min.	0	0	0	0	4
A.F.	370	1040	380	520	790

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
Sec. 6-20-52 W.--Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	3	26	10	7	13
2	2	25	11	9	17
3	2	25	11	7	16
4	2	27	12	6	17
5	12	28	18	6	15
6	13	30	17	6	16
7	12	28	16	7	18
8	11	27	18	7	19
9	11	27	17	7	19
10	10	25	10	7	17
11	17	24	14	7	17
12	17	30	15	8	11
13	16	26	11	7	15
14	17	28	12	7	13
15	16	26	10	7	17
16	12	24	5	9	16
17	7	26	4	7	18
18	10	26	3	8	15
19	10	25	6	9	13
20	3	20	5	7	18
21	5	20	4	9	11
22	4	25	5	13	9
23	12	24	3	10	9
24	14	23	3	10	10
25	17	24	5	8	12
26	15	23	10	7	16
27	23	18	12	7	14
28	22	18	10	7	12
29	23	19	9	8	11
30	24	17	10	10	13
31	26	--	8	11	--
Mean	13	24	10	8	14
Max.	26	30	18	13	19
Min.	2	17	3	6	9
A.F.	770	1460	600	490	860

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO
Sec. 34-18-46 W.--Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	5	0	0	2	0
2	5	0	0	2	0
3	4	0	0	2	0
4	4	0	0	2	0
5	4	0	0	2	0
6	4	0	0	2	0
7	4	0	0	2	0
8	4	0	0	2	0
9	4	0	0	2	0
10	0	0	0	2	0
11	0	0	0	2	0
12	0	0	0	2	0
13	0	0	0	2	0
14	0	0	0	2	0
15	0	0	0	2	0
16	0	0	0	2	0
17	0	0	0	2	0
18	0	0	0	2	0
19	0	0	6	2	0
20	0	0	4	2	0
21	0	0	5	2	0
22	0	0	4	1	0
23	0	0	4	0	0
24	0	0	3	0	0
25	0	0	3	0	0
26	0	0	3	0	0
27	0	0	3	0	0
28	0	0	3	0	0
29	0	0	2	0	0
30	0	0	2	0	0
31	0	--	2	0	--
Mean	1	0	1	1	0
Max.	5	0	6	2	0
Min.	0	0	0	0	0
A.F.	80	0	90	80	0

CRESCENT LAKE STORAGE IN ACRE-FEET
Head of Blue Creek--Sec. 21-20-44 W.
Water Year Ending September 30, 1964

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	1580	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	1240	---	---
4	---	840	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	1900	---	---	---	---
6	---	820	---	---	---	1260	---	---	---	---	750	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	1290	---	1900	---	1450	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	640	---
14	---	820	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	1880	---	---	1330	---	---
16	---	---	---	1210	---	---	---	---	---	1240	---	270
17	860	---	---	---	---	1420	---	---	2020	---	---	---
18	---	---	---	---	1240	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	860	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	1060	---	---
24	---	---	---	---	---	---	---	---	---	950	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	860	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	1220	---	---	1880	---	---	---	---	---
30	---	---	---	---	---	---	---	---	1620	880	---	290
31	---	---	---	---	---	---	---	---	---	---	---	---

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.--Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	6	6	6	12	8
2	6	6	6	13	7
3	6	5	6	13	8
4	6	6	6	13	8
5	6	6	7	19	8
6	6	6	6	19	8
7	5	5	12	19	8
8	5	6	14	20	7
9	5	6	7	20	7
10	5	5	7	20	8
11	5	6	8	19	8
12	5	6	7	20	8
13	5	6	7	19	7
14	5	7	7	19	6
15	5	7	7	20	6
16	5	6	8	19	6
17	5	6	7	25	4
18	5	6	8	19	4
19	5	6	8	19	4
20	5	6	12	23	4
21	6	6	12	14	4
22	6	7	12	8	4
23	6	7	11	8	3
24	6	7	11	7	3
25	6	6	11	7	3
26	6	6	11	7	3
27	6	6	12	7	3
28	6	6	12	7	2
29	6	6	12	8	2
30	6	6	12	8	3
31	6	-	12	7	-
Mean	6	6	9	15	5
Max.	6	7	14	25	8
Min.	5	5	6	7	2
A.F.	340	360	560	910	330

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER
NEAR NORTHFORT--Sec. 20-20-50 W.
Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	2	13	24	12	10
2	2	8	7	12	10
3	2	8	13	5	12
4	2	10	11	4	12
5	3	12	25	4	11
6	3	10	31	8	11
7	22	9	11	8	11
8	4	39	20	10	11
9	2	27	14	11	11
10	2	18	7	11	11
11	2	11	8	12	12
12	2	24	8	7	12
13	2	24	8	8	13
14	2	24	5	6	13
15	1	23	7	11	15
16	1	20	6	8	13
17	26	16	4	12	12
18	41	14	3	9	15
19	20	20	5	10	16
20	20	22	6	9	13
21	11	33	8	6	14
22	1	38	9	6	14
23	10	59	11	8	16
24	27	68	10	9	17
25	16	28	5	9	17
26	5	24	4	10	42
27	6	20	4	11	17
28	6	15	10	10	15
29	9	10	10	12	13
30	11	8	11	10	12
31	16	-	10	12	-
Mean	9	22	10	9	14
Max.	41	68	31	12	42
Min.	1	8	3	4	10
A.F.	550	1300	620	560	840

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH AT NORTH PLATTS
 Net Flow into Sutherland Power Return--Sec. 16-13-30 W.
 Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	38	29	20	13	22
2	37	28	20	13	19
3	34	28	22	13	19
4	32	28	20	13	20
5	39	29	19	14	20
6	37	26	19	14	24
7	39	24	19	14	22
8	37	24	18	12	22
9	37	24	17	12	21
10	34	24	18	12	21
11	34	22	25	12	20
12	34	22	22	11	21
13	32	22	20	11	22
14	32	27	19	13	21
15	32	26	19	12	21
16	31	24	19	14	21
17	29	22	19	15	21
18	29	22	20	17	21
19	29	23	20	16	21
20	28	30	20	24	24
21	28	34	20	21	24
22	28	170	19	20	23
23	25	40	20	19	23
24	25	32	15	19	23
25	25	26	14	21	23
26	24	25	16	21	23
27	26	24	16	22	24
28	28	23	15	21	23
29	29	22	14	22	23
30	28	21	13	22	23
31	27	--	14	22	--
Mean	31	31	18	16	22
Max.	39	170	25	24	24
Min.	24	21	13	11	19
A.F.	1920	1830	1130	1000	1300

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT
 Sec. 19-20-50 W.--Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	5	36	10	4	13
2	5	22	5	6	13
3	5	30	5	20	12
4	5	24	6	13	13
5	5	26	15	13	10
6	5	26	8	8	16
7	17	22	17	12	17
8	5	28	18	4	20
9	5	30	16	3	16
10	4	26	18	6	24
11	4	14	13	15	20
12	4	19	7	13	20
13	4	29	7	12	10
14	4	26	9	11	12
15	4	29	6	10	14
16	4	29	7	18	16
17	4	20	10	11	26
18	9	15	20	16	26
19	10	13	14	17	28
20	45	20	15	7	32
21	53	24	6	16	29
22	45	32	5	18	22
23	33	10	6	16	24
24	43	14	6	23	22
25	31	9	14	20	22
26	30	5	15	28	20
27	22	18	12	31	24
28	14	13	12	32	18
29	17	7	14	31	15
30	31	6	15	34	16
31	39	-	7	19	--
Mean	16	21	11	16	19
Max.	53	36	20	34	32
Min.	4	5	5	3	10
A.F.	1010	1230	670	970	1130

OLIVER RESERVOIR STORAGE IN ACRE-FEET
 From Lodgepole Creek--Sec. 36-15-57 W.
 Water Year Ending September 30, 1964

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	3430	----	3600	3260	919	918
2	1940	----	----	2830	----	----	----	3650	3590	3230	840	919
3	----	----	----	----	----	----	----	3660	3590	3230	754	922
4	----	----	2690	----	----	3180	----	3660	3590	3190	620	924
5	----	----	----	----	3050	----	----	3660	3590	3190	682	931
6	----	2400	----	----	----	----	----	3660	3600	3160	694	932
7	----	----	----	----	----	----	3530	3660	3600	2860	682	936
8	----	----	----	2850	----	----	----	3670	3600	2770	730	940
9	2030	----	----	----	----	----	----	3670	3570	2760	730	943
10	----	----	----	----	----	----	----	3670	3570	2710	733	946
11	----	----	2720	----	3060	3270	----	3670	3570	2650	770	950
12	----	----	----	----	----	----	----	3680	3560	2620	785	954
13	----	2470	----	----	----	----	----	3680	3540	2550	798	960
14	----	----	----	----	----	----	3580	3680	3540	2330	798	966
15	----	----	----	2870	----	----	----	3680	3540	2250	807	968
16	2110	----	2720	----	----	----	----	3680	3540	2130	818	972
17	----	----	----	----	----	----	----	3680	3530	2090	824	986
18	----	----	----	----	----	3330	----	3690	3530	2010	824	996
19	----	2530	----	----	----	----	----	3680	3530	1850	825	1000
20	----	----	----	----	3130	----	----	3680	3490	1750	840	1010
21	----	----	----	----	----	----	3620	3690	3480	1710	859	1020
22	----	----	----	2920	----	----	----	3690	3480	1620	862	1030
23	2230	----	----	----	----	----	----	3670	3430	1590	864	1030
24	----	----	----	----	----	----	----	3670	3480	1520	871	1040
25	----	----	----	----	----	----	----	3670	3460	1430	880	1060
26	----	2600	2790	----	3140	3390	----	3640	3420	1340	887	1060
27	----	----	----	----	----	----	----	3640	3410	1240	894	1070
28	----	----	----	----	----	----	3640	3640	3360	1200	902	1070
29	----	----	----	2970	----	----	----	3620	3290	1160	914	1100
30	2320	----	----	----	----	----	----	3610	3290	1060	918	1100
31	----	----	----	----	----	----	----	3600	----	1050	918	----

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
 BELOW OLIVER RESERVOIR AND NEW RUTNER DIVERSION DAM
 Sec. 31-15-56 W.--Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	4	3	6	3	5
2	3	3	4	4	5
3	3	3	4	3	5
4	3	3	4	3	5
5	3	3	5	2	5
6	3	3	6	1	5
7	3	3	6	4	5
8	3	3	8	5	5
9	3	3	9	5	4
10	2	3	9	5	5
11	3	3	6	3	4
12	2	3	5	4	4
13	2	3	6	4	4
14	2	3	6	4	2
15	2	3	6	4	2
16	2	3	5	3	2
17	2	3	6	4	2
18	2	3	6	3	1
19	2	3	6	3	1
20	3	3	8	4	1
21	2	3	8	5	1
22	4	3	8	4	1
23	3	3	8	4	1
24	3	3	8	4	1
25	3	2	8	5	1
26	3	3	8	5	1
27	3	3	8	5	1
28	3	5	8	5	1
29	3	5	4	5	1
30	3	6	4	4	1
31	3	-	4	5	-
Mean	3	3	6	4	3
Max.	4	6	9	5	5
Min.	2	2	4	1	1
A.F.	170	190	390	240	160

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
 ABOVE BENNETT RESERVOIR--Sec. 29-15-55 W.
 Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	5	2	0	0	0
2	5	5	0	0	0
3	5	5	0	0	0
4	5	5	0	0	0
5	6	4	0	0	0
6	6	6	0	0	0
7	6	4	0	0	0
8	6	4	0	0	0
9	6	4	15	0	0
10	7	4	7	0	0
11	7	5	4	0	0
12	7	7	1	0	0
13	7	6	0	0	0
14	7	6	0	0	0
15	6	6	0	0	0
16	5	3	0	0	0
17	6	1	0	0	0
18	5	0	0	0	0
19	5	0	0	0	3
20	3	0	0	0	3
21	4	3	0	0	4
22	4	2	0	0	5
23	2	1	0	0	4
24	1	0	0	0	4
25	1	0	0	0	5
26	1	0	0	0	1
27	1	0	0	0	0
28	1	0	0	0	0
29	1	0	0	0	4
30	2	0	0	0	0
31	3	-	0	0	-
Mean	4	3	1	0	1
Max.	7	7	15	0	5
Min.	1	0	0	0	0
A.F.	270	170	50	0	60

BENNETT RESERVOIR STORAGE IN ACRE-FEET
 A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.
 Water Year Ending September 30, 1964

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	520	650	650	560	120	0
2	280	---	---	300	---	---	---	650	650	550	110	---
3	---	---	---	---	---	---	---	650	660	550	0	---
4	---	---	370	---	---	450	---	660	660	530	---	---
5	---	---	---	---	350	---	---	670	650	520	---	---
6	---	230	---	---	---	---	---	670	650	510	---	---
7	---	---	---	---	---	---	580	670	650	510	---	---
8	---	---	---	300	---	---	---	670	650	510	---	0
9	200	---	---	---	---	---	---	680	660	510	---	---
10	---	---	---	---	---	---	---	680	660	510	---	---
11	---	---	340	---	380	460	---	690	650	520	0	---
12	---	---	---	---	---	---	---	690	650	500	---	---
13	---	270	---	---	---	---	---	690	650	500	---	---
14	---	---	---	---	---	---	610	700	650	430	---	---
15	---	---	---	280	---	---	---	700	650	410	---	0
16	0	---	310	---	---	---	---	700	650	410	---	---
17	---	---	---	---	---	---	---	700	650	400	---	---
18	---	---	---	---	---	480	---	700	650	380	0	---
19	---	290	---	---	---	---	---	700	650	350	---	---
20	---	---	---	---	410	---	---	700	650	330	---	---
21	---	---	---	---	---	---	610	680	640	310	---	---
22	---	---	---	280	---	---	---	680	630	290	---	0
23	0	---	---	---	---	---	---	680	620	270	---	---
24	---	---	---	---	---	---	---	670	610	270	---	---
25	---	---	---	---	---	---	---	660	610	230	0	---
26	---	330	300	---	420	500	---	650	600	210	---	---
27	---	---	---	---	---	---	---	650	600	200	---	---
28	---	---	---	---	---	---	640	650	590	190	---	---
29	---	---	---	310	---	---	---	650	570	160	---	0
30	0	---	---	---	---	---	---	650	570	150	---	0
31	---	---	---	---	---	---	---	650	---	140	---	---

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
 BELOW BENNETT RESERVOIR--Sec. 22-15-55 W.
 Water Year Ending September 30, 1964

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	2	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	-
Mean	0	0	0	0	0
Max.	0	0	2	0	0
Min.	0	0	0	0	0
A.P.	0	0	4	0	0

BOX BUTTE RESERVOIR STORAGE IN ACRES-FEET
 From Niobrara River--Sec. 29-29-49 W.
 Live Storage for Irrigation
 Water Year Ending September 30, 1964

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	8900	10620	12480	-----	15930	-----	21030	21680	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	20090	-----	4720
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9790	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	19010	-----	4270
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8500	-----
10	-----	9170	11040	-----	-----	-----	19440	21620	21720	17040	-----	3980
11	-----	-----	-----	-----	14790	16650	-----	-----	-----	-----	-----	-----
12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	16940	-----	-----
15	-----	-----	-----	13370	-----	-----	19830	-----	-----	-----	-----	4120
16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6860	-----
17	-----	9550	-----	-----	-----	-----	-----	21820	-----	14940	-----	-----
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	-----	-----	-----	-----	-----	-----	20030	-----	-----	-----	-----	-----
20	8380	-----	11480	13630	15380	17440	-----	-----	22110	-----	-----	3700
21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	12640	5910	-----
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
25	-----	-----	-----	-----	-----	-----	-----	-----	22030	-----	-----	3120
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	11720	5460	-----
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	-----	-----	-----	-----	-----	-----	-----	-----	21090	-----	-----	2880
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	-----	-----	-----	18280	-----	21680	20670	-----	-----	2900
31	-----	-----	12480	14140	-----	-----	-----	-----	-----	10530	4870	-----

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR
MELBETA--Sec. 13-21-54 W.
Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	2	22	21	1	0
2	2	21	21	1	0
3	1	22	14	6	0
4	1	18	14	1	1
5	1	16	16	0	0
6	1	19	8	0	3
7	1	16	8	1	2
8	1	18	14	0	2
9	1	16	16	3	2
10	1	16	5	0	1
11	1	14	7	0	2
12	1	14	17	0	1
13	1	7	11	0	0
14	1	9	7	1	0
15	1	8	4	1	7
16	1	8	3	1	0
17	1	10	2	3	0
18	1	4	3	0	0
19	1	3	3	0	0
20	1	11	3	0	0
21	1	40	1	1	0
22	23	25	1	0	0
23	23	18	1	2	0
24	14	18	3	0	0
25	18	23	1	2	0
26	17	18	0	2	0
27	17	15	1	2	1
28	7	17	1	3	0
29	17	22	6	9	0
30	16	19	4	6	0
31	19	--	1	6	-
Mean	6	16	7	2	1
Max.	23	40	21	9	7
Min.	1	3	0	0	0
A.F.	390	970	430	100	40

DISCHARGE IN SECOND-FEET OF SILVERMAIL DRAIN
NEAR BRIDGEPORT--Sec. 6-19-49 W.
Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	5	17	8	13	14
2	5	14	15	13	13
3	5	17	15	14	6
4	5	15	13	10	5
5	5	16	17	7	6
6	5	18	20	9	5
7	9	13	14	5	11
8	10	11	8	5	13
9	5	21	16	8	11
10	5	17	7	8	12
11	4	17	7	8	6
12	2	21	7	9	5
13	2	14	5	8	5
14	2	16	10	12	9
15	2	16	6	12	14
16	7	16	6	6	11
17	7	13	7	6	16
18	7	10	11	6	13
19	24	10	8	6	10
20	19	8	5	11	16
21	19	11	6	14	19
22	17	15	8	12	16
23	16	8	12	17	9
24	13	4	13	15	7
25	17	6	13	13	8
26	11	9	13	11	9
27	4	9	7	10	22
28	5	10	11	20	16
29	5	3	6	18	8
30	5	14	6	20	10
31	13	--	6	15	--
Mean	8	13	10	11	11
Max.	24	21	20	20	22
Min.	2	3	5	5	5
A.F.	510	770	610	680	640

DISCHARGE IN SECOND-FEET OF STREVER CREEK
Sec. 1-8-20 W.--Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	40	5	11	11	11
2	37	7	10	4	9
3	26	6	10	5	9
4	22	9	8	6	7
5	21	44	8	6	6
6	20	10	8	6	6
7	19	9	16	7	4
8	18	9	39	7	4
9	15	9	41	6	4
10	14	8	35	10	5
11	14	6	35	9	3
12	14	5	32	11	5
13	13	7	33	9	4
14	12	9	31	9	10
15	12	14	24	13	17
16	18	11	24	13	18
17	19	12	23	25	16
18	18	12	22	96	14
19	18	11	22	39	13
20	13	12	17	26	14
21	15	13	18	40	14
22	15	14	15	33	14
23	11	26	13	30	14
24	10	44	12	16	14
25	7	24	9	13	14
26	6	23	9	14	13
27	6	16	11	13	13
28	7	14	11	11	13
29	6	12	11	10	13
30	6	12	14	10	12
31	6	--	11	11	--
Mean	15	14	19	16	10
Max.	40	44	41	86	18
Min.	6	5	8	4	3
A.F.	950	820	1150	1010	620

DISCHARGE IN SECOND-FEET OF WHITE HORSE CREEK
Sec. 5-13-29 W.--Water Year Ending September 30, 1964

Date	May	June	July	Aug.	Sept.
1	36	17	10	10	10
2	32	15	10	8	10
3	32	15	11	8	9
4	26	23	10	8	9
5	24	20	8	8	9
6	24	20	8	8	9
7	22	18	10	9	9
8	25	15	12	7	9
9	25	14	11	7	9
10	23	11	10	7	10
11	22	10	60	7	10
12	21	10	50	7	10
13	17	13	21	7	10
14	17	13	12	7	10
15	16	13	17	8	10
16	16	12	16	9	11
17	16	13	14	13	11
18	14	13	13	13	10
19	14	12	11	11	10
20	13	14	11	14	12
21	12	19	11	14	12
22	13	45	11	13	12
23	11	34	11	11	11
24	12	24	11	11	11
25	11	17	12	11	11
26	11	14	11	11	11
27	14	14	10	10	11
28	16	13	10	11	11
29	17	11	10	10	11
30	15	10	10	10	11
31	15	--	10	9	--
Mean	19	16	14	10	10
Max.	36	45	60	14	12
Min.	11	10	8	7	9
A.F.	1150	950	880	590	610

WHITNEY RESERVOIR STORAGE IN ACRE-FOOT
 From White River--Sec. 34-33-51 W.
 Water Year Ending September 30, 1964

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	----	----	----
2	----	----	3250	----	----	----	----	----	----	----	----	----
3	----	----	----	4280	5290	----	----	----	9060	9310	----	----
4	2550	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	----	----	6320	----	----	----	----	----	----
6	----	----	----	----	----	----	----	8830	----	----	----	----
7	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	----	----	----	----	----	----	2350
9	----	----	----	----	----	----	----	----	----	----	----	----
10	----	----	----	----	----	----	----	----	----	8790	----	----
11	2600	----	----	----	----	6560	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	----	----	----
13	----	----	----	----	----	----	8065	----	----	----	----	----
14	----	----	----	4600	5660	----	----	----	----	8390	----	----
15	----	----	----	----	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----	----	----
17	----	----	----	----	----	----	----	----	----	----	3850	----
18	----	2990	----	----	----	6850	----	----	----	----	----	1680
19	----	----	----	----	----	----	----	----	----	----	----	----
20	----	----	----	----	----	----	----	9260	----	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----
22	----	----	----	----	----	----	----	----	----	----	----	----
23	----	----	----	4920	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	----	----	6690	----	----
25	----	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	----	----	----	----	9370	----	----	----	----
27	----	----	----	----	6070	7230	----	----	----	----	----	----
28	2610	----	----	5280	----	----	----	----	----	----	2630	1530
29	----	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----	1510
31	----	----	----	----	----	----	----	----	----	----	----	----

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DAILY DIVERSIONS OF CANALS

1964

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DAILY DIVERSIONS OF CANALS--1964

ALLIANCE CANAL from Bayard Sugar Factory Drain
Measured through Parshall flume--Sec. 4-20-52 W.

ALLIANCE CANAL from Red Willow Creek--Measured
through rating flume--Sec. 6-20-51 W.

Date	May	June	July	Aug.	Sept.
1	0	31	17	23	36
2	0	32	28	28	31
3	0	38	31	30	32
4	0	37	30	32	32
5	0	35	30	29	31
6	0	36	29	27	31
7	0	34	26	22	36
8	0	32	26	20	34
9	12	32	26	20	27
10	18	34	29	19	31
11	18	32	29	20	32
12	20	30	31	21	34
13	21	29	28	21	37
14	21	28	28	18	35
15	22	26	27	17	36
16	25	26	26	19	40
17	28	26	28	19	42
18	29	27	31	20	35
19	28	27	32	21	37
20	22	6	32	26	42
21	24	0	32	27	42
22	24	1	24	29	43
23	27	4	25	29	42
24	26	0	23	29	43
25	24	0	24	31	41
26	28	0	23	31	37
27	29	0	24	34	39
28	32	0	23	34	38
29	32	0	21	33	35
30	33	0	23	36	32
31	33	--	20	37	--
Mean	19	20	27	26	36
Max.	33	38	32	37	43
Min.	0	0	17	17	27
A.F.	1140	1200	1640	1600	2150
Water diverted 7730 A.F.					
Acreage reported D-874, 1035 (A-1776 O.D.)-2106					

Date	Oct.	May	June	July	Aug.	Sept.
1	34	4	42	36	52	58
2	29	15	44	38	56	54
3	29	17	43	35	57	57
4	30	17	43	36	57	58
5	30	18	43	35	62	56
6	29	18	47	35	65	58
7	28	19	46	39	68	55
8	28	12	49	44	67	54
9	19	15	50	47	65	52
10	0	14	50	46	64	50
11	0	14	46	47	63	49
12	0	14	46	48	63	50
13	0	14	49	49	64	50
14	0	15	51	44	62	50
15	0	16	51	40	61	54
16	0	15	53	37	63	53
17	0	2	53	39	59	50
18	0	13	47	43	55	49
19	0	32	44	46	46	50
20	0	36	43	45	57	49
21	0	57	50	44	63	48
22	0	62	53	41	62	41
23	0	58	21	41	63	41
24	0	41	0	42	62	42
25	0	55	0	43	61	40
26	0	53	0	46	64	35
27	0	44	14	46	60	35
28	0	33	21	46	59	39
29	0	37	16	49	57	29
30	0	42	24	48	60	31
31	0	32	--	51	59	--
Mean	8	27	38	43	60	48
Max.	34	62	53	51	68	58
Min.	0	2	0	35	46	29
A.F.	510	1650	2260	2630	3720	2850
Water diverted 13620 A.F.						
Acreage reported D-874, 1035 (A-1429 O.D.)-4022; A-1432-80; A-1436-18; Total-4120						

DAILY DIVERSIONS OF CANALS--1964

ATKINS-POLLY CANAL from Lodgepole Creek
Measured through rating flume--Sec. 30-15-55 W.

DAILY DIVERSIONS OF CANALS--1964

BARTLEY CANAL from Republican River--Measured
through 8-foot Parshall flume--Sec. 17-3-27 W.

Date	May	June	July	Aug.	Sept.
1	0	3	0	0	0
2	0	0	3	0	0
3	0	0	3	1	0
4	0	0	3	2	0
5	0	0	3	1	0
6	0	0	3	0	0
7	0	0	3	2	0
8	0	0	3	1	0
9	0	0	7	0	0
10	0	0	7	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	1	0
19	0	0	0	1	0
20	0	0	0	1	0
21	0	0	0	1	0
22	0	0	0	1	0
23	0	0	0	0	0
24	0	0	0	0	0
25	2	0	0	1	0
26	2	0	0	1	0
27	2	0	0	1	0
28	2	0	0	1	0
29	2	0	0	1	0
30	2	0	0	0	0
31	3	--	0	0	--
Mean	0	0	1	1	0
Max.	3	3	7	2	0
Min.	0	0	0	0	0
A.F.	30	10	70	30	0
Water diverted 140 A.F.					
Acreage reported D-342-55; D-344-30; A-897R-8; A-4531-50; Total-143					

Date	May	June	July	Aug.	Sept.
1	0	19	16	74	47
2	0	19	18	73	46
3	0	17	27	86	45
4	0	16	31	100	36
5	0	16	31	108	28
6	0	16	43	118	29
7	0	16	66	121	29
8	0	16	94	113	28
9	0	15	109	109	28
10	0	12	107	106	26
11	0	15	111	103	22
12	0	15	102	98	29
13	0	15	101	93	28
14	0	15	97	81	26
15	0	15	90	72	26
16	0	13	84	72	26
17	0	13	83	71	25
18	0	13	77	64	25
19	0	15	72	56	26
20	14	17	73	20	26
21	27	19	79	0	10
22	21	17	84	0	0
23	26	13	88	0	0
24	25	10	93	0	0
25	32	9	96	0	0
26	32	3	96	0	0
27	21	0	102	0	0
28	21	0	107	15	0
29	21	14	104	48	0
30	21	15	96	48	0
31	21	--	83	47	--
Mean	9	14	79	61	20
Max.	32	19	111	121	47
Min.	0	0	16	0	0
A.F.	560	810	4890	3760	1210
Water diverted *11246 A.F.					
Supplemental storage included					
Acreage reported A-3869dR-6526; A-6217-247; Total-6773					
*Includes 26 A.F. pumped from canal upstream from the 8' Parshall flume.					
In July 14 a.f., in August 12 a.f.					

DAILY DIVERSIONS OF CANALS--1964
 BEERLINE CANAL from North Platte River
 Measured through rating flume--Sec. 24-19-49 W.

Date	May	June	July	Aug.	Sept.
1	0	25	19	11	5
2	0	11	18	9	5
3	0	10	13	10	5
4	0	10	13	10	5
5	0	10	12	11	5
6	0	10	11	11	5
7	0	9	6	12	6
8	0	9	2	11	7
9	0	8	0	11	7
10	0	7	0	10	7
11	0	7	0	10	8
12	0	7	0	10	8
13	0	7	0	10	7
14	0	10	0	13	6
15	0	8	5	20	6
16	0	5	10	19	8
17	0	5	8	13	8
18	0	6	7	9	8
19	0	13	7	9	7
20	0	14	3	8	7
21	0	15	4	9	6
22	0	16	5	11	6
23	0	13	6	13	6
24	0	10	9	12	6
25	0	8	14	12	6
26	29	4	14	10	5
27	31	0	15	7	5
28	33	0	14	7	2
29	33	20	12	6	0
30	29	19	11	5	0
31	28	---	12	5	---
Mean	6	10	8	10	6
Max.	33	25	19	20	8
Min.	0	0	0	5	0
A.F.	360	590	500	640	340

Water diverted 2430 A.F.; Natural 1520 A.F.;
 Storage 910 A.F.; Includes Pathfinder Storage
 Acreage reported D-887-2080

DAILY DIVERSIONS OF CANALS--1964
 BELMONT CANAL from North Platte River--Measured
 through 15-foot Parshall flume--Sec. 18-20-51 W.

Date	May	June	July	Aug.	Sept.
1	0	94	122	112	115
2	0	96	108	117	115
3	0	90	106	113	108
4	0	89	113	114	107
5	0	94	122	113	108
6	0	98	122	114	112
7	0	96	114	112	113
8	0	94	113	112	111
9	0	94	119	114	112
10	0	93	115	114	108
11	58	91	109	113	106
12	77	88	113	113	105
13	77	88	109	115	105
14	71	80	109	115	105
15	74	85	111	113	100
16	64	90	111	115	92
17	71	87	105	115	93
18	68	74	97	114	100
19	84	87	92	114	99
20	85	96	98	113	96
21	83	96	101	112	96
22	99	72	119	114	96
23	103	67	122	114	96
24	104	60	118	112	90
25	92	80	111	109	90
26	105	98	115	112	86
27	118	106	112	113	85
28	113	115	113	111	85
29	112	120	115	115	80
30	96	120	105	113	51
31	87	---	105	113	---
Mean	59	91	111	113	99
Max.	118	120	122	117	115
Min.	0	60	92	109	51
A.F.	3650	5430	6830	6970	5880

Water diverted 28760 A.F.

DAILY DIVERSIONS OF CANALS--1964
 BELMONT CANAL from Cedar Creek--Measured
 through rating flume--Sec. 23-18-48 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	6	10	6	9
2	9	0	6	9	6	9
3	9	0	6	9	6	9
4	9	0	6	9	6	9
5	9	0	6	9	6	9
6	9	0	5	9	7	9
7	10	0	4	9	7	9
8	10	0	2	9	8	9
9	0	0	0	8	8	9
10	0	0	0	8	9	9
11	0	0	0	8	9	9
12	0	0	0	8	9	9
13	0	0	0	8	9	9
14	0	0	0	8	9	9
15	0	0	0	7	9	9
16	0	0	0	7	9	9
17	0	0	0	7	9	9
18	0	0	0	7	9	9
19	0	0	0	7	9	10
20	0	0	0	7	9	10
21	0	5	0	7	10	10
22	0	5	0	7	10	10
23	0	5	3	7	10	10
24	0	5	7	7	11	10
25	0	5	8	7	10	10
26	0	5	7	6	10	10
27	0	5	7	6	10	10
28	0	5	8	6	10	10
29	0	5	8	6	10	5
30	0	5	9	6	9	0
31	0	5	-	6	9	-
Mean	2	2	3	8	9	9
Max.	10	5	9	10	11	10
Min.	0	0	0	6	6	0
A.F.	140	110	190	470	530	530

Water diverted 1970 A.F.

DAILY DIVERSIONS OF CANALS--1964
 BELMONT SPILL into Pumpkinseed Creek
 For D-828 lands via Meredith-Ammer Canal
 Measured through 12-foot weir--Sec. 23-19-50 W.

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	8	0	0	0
10	0	17	0	0	0
11	0	17	0	0	0
12	0	17	0	0	0
13	16	17	0	0	0
14	24	17	0	0	0
15	24	16	0	0	0
16	20	19	0	0	0
17	16	20	0	0	0
18	2	20	0	0	0
19	1	16	0	0	0
20	14	25	0	0	0
21	9	26	0	0	0
22	3	21	0	0	0
23	0	7	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	1	0	0	0	0
27	10	0	0	0	0
28	9	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	5	9	0	0	0
Max.	24	26	0	0	0
Min.	0	0	0	0	0
A.F.	300	520	0	0	0

Water returned 820 A.F.

DAILY DIVERSIONS OF CANALS--1964

BELMONT CANAL
Summary in Acre-feet--1964

Diverted from:	Oct.	May	June	July	Aug.	Sept.	Total
North Platte River...	0	3650	5430	6830	6970	5880	28760
Cedar Creek.....	140	110	190	470	530	530	1970
Total diversion.....	140	3760	5620	7300	7500	6410	30730

Water diverted 30730 A.F.
Acreage reported D-828-14351

DAILY DIVERSIONS OF CANALS--1964
BENNETT CANAL from Lodgepole Creek
Measured through rating flume--Sec. 22-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	0	0	2	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	5	0	0
15	0	0	5	0	0
16	0	0	5	0	0
17	0	0	5	0	0
18	0	0	5	0	0
19	0	0	5	0	0
20	0	0	5	0	0
21	0	0	4	0	0
22	0	0	4	0	0
23	0	0	4	0	0
24	0	0	4	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	3	0	0
30	0	0	3	0	0
31	0	-	3	0	-
Mean	0	0	2	0	0
Max.	0	0	5	2	0
Min.	0	0	0	0	0
A.F.	0	0	140	10	0

Water diverted 150 A.F.
Bennett Reservoir storage included
Acreage reported A-691-86; A-1975-418;
Total-504

DAILY DIVERSIONS OF CANALS--1964
BENNETT-KAY CANAL from Niobrara River
Measured through rating flume--Sec. 1-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	0	2	2	0
2	0	0	2	2	0
3	0	0	2	2	0
4	0	0	2	2	0
5	0	0	2	2	2
6	0	0	2	2	2
7	0	3	2	2	2
8	0	3	2	2	2
9	0	3	2	2	2
10	0	3	2	2	2
11	0	3	2	2	2
12	0	3	2	2	2
13	0	3	2	2	2
14	0	3	2	1	2
15	0	2	2	0	2
16	0	2	2	0	2
17	0	2	2	0	2
18	0	2	2	0	2
19	0	3	1	0	2
20	0	3	0	0	2
21	0	3	0	0	2
22	0	3	0	0	1
23	0	3	1	0	1
24	0	3	2	0	1
25	0	3	2	0	1
26	0	3	2	0	1
27	0	3	2	0	0
28	0	3	2	0	0
29	0	3	2	0	0
30	0	3	2	0	0
31	0	-	2	0	-
Mean	0	2	2	1	1
Max.	0	3	2	2	2
Min.	0	0	0	0	0
A.F.	0	130	110	50	80

Water diverted 370 A.F.
Acreage reported A-1249-241

DAILY DIVERSIONS OF CANALS--1964
 BICKEL-FADEN CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 30-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	1	0
2	0	0	0	0	0
3	0	0	0	1	0
4	0	0	0	1	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	2	0
13	0	0	0	2	0
14	0	0	0	2	0
15	0	0	1	2	0
16	0	0	1	2	0
17	0	0	1	2	0
18	0	0	1	1	0
19	0	0	1	0	0
20	0	0	1	0	0
21	0	0	0	1	0
22	0	0	0	1	0
23	0	0	0	1	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	-
Mean	0	0	0	1	0
Max.	0	0	1	2	0
Min.	0	0	0	0	0
A.F.	0	0	20	40	0

Water diverted 60 A.F.
 Acreage reported D-347-22; A-719-61;
 A-724-8; Total-91

DAILY DIVERSIONS OF CANALS--1964
 BIGELOW-SEYMOUR CANAL from Mabrara River
 Measured through rating flume--Sec. 19-31-57 W.

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

Water diverted 60 A.F.
 Acreage reported D-510-45

DAILY DIVERSIONS OF CANALS--1964
 BIRDWOOD CANAL from Birdwood Creek--Measured
 through 8-foot Parshall flume--Sec. 35-15-33 W.

Date	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	10	21	15	0	17	30	40	24
2	10	22	13	0	17	35	41	23
3	8	22	14	0	21	37	43	22
4	18	22	6	0	28	35	43	22
5	21	22	0	0	22	37	42	23
6	21	22	0	0	20	38	45	24
7	21	18	0	0	20	41	41	25
8	21	8	0	0	9	40	39	24
9	4	17	0	0	4	40	40	26
10	14	18	0	0	4	41	40	26
11	16	18	0	0	7	17	38	25
12	16	19	0	0	9	8	38	25
13	16	18	0	0	12	36	39	26
14	18	18	0	0	12	38	40	26
15	19	10	0	0	14	37	42	28
16	20	13	0	0	16	30	42	32
17	20	22	0	0	25	30	25	29
18	21	21	0	0	15	30	32	28
19	21	10	0	12	14	31	32	30
20	22	9	0	25	16	32	35	32
21	30	14	0	26	21	36	5	30
22	22	14	0	28	24	37	6	30
23	21	13	0	29	17	36	12	28
24	22	14	0	28	16	39	21	28
25	21	14	0	28	22	42	21	28
26	21	14	0	32	21	41	22	30
27	20	14	0	32	24	45	22	28
28	19	14	0	31	30	43	23	28
29	19	15	0	16	30	40	22	29
30	21	14	0	16	30	41	21	30
31	21	--	0	15	--	41	22	--
Mean	19	16	2	10	18	36	31	26
Max.	30	22	15	32	30	45	45	32
Min.	4	8	0	0	4	8	5	22
A.F.	1140	970	100	630	1070	2190	1930	1600

Water diverted 9630 A.F.
 Acreage reported D-646-5287

DAILY DIVERSIONS OF CANALS--1964
 BLUE CREEK CANAL from Blue Creek--Measured
 through 8-foot Parshall flume--Sec. 33-17-42 W.

Date	May	June	July	Aug.	Sept.
1	0	29	19	36	36
2	0	22	22	36	35
3	0	20	26	25	35
4	0	16	35	1	35
5	0	15	30	1	35
6	0	15	27	1	35
7	0	15	27	1	36
8	0	15	26	1	36
9	0	15	31	0	36
10	0	16	30	0	35
11	0	16	32	0	35
12	0	16	32	0	35
13	0	16	34	0	35
14	0	18	35	11	35
15	0	18	32	22	36
16	0	17	33	32	36
17	0	21	35	33	35
18	0	26	35	33	35
19	36	27	35	32	35
20	20	28	29	35	32
21	20	30	4	34	33
22	28	34	4	34	35
23	35	38	4	34	35
24	34	35	3	34	36
25	34	34	4	34	36
26	35	24	4	35	36
27	35	5	4	36	36
28	34	0	16	36	36
29	34	8	36	35	36
30	29	18	36	35	36
31	29	--	35	35	--
Mean	13	20	24	22	35
Max.	36	38	36	36	36
Min.	0	0	3	0	32
A.F.	800	1200	1500	1350	2100

Water diverted 6950 A.F.
 Crescent Lake storage included
 Acreage reported D-785-2546; D-795-339;
 A-1154-30; Total-2915

DAILY DIVERSIONS OF CANALS--1964
BROWN'S CREEK CANAL from North Platte River
Measured through Farnsall flume--Sec. 28-20-50 W.

Date	May	June	July	Aug.	Sept.
1	0	55	62	79	54
2	0	57	26	78	53
3	0	56	46	81	47
4	0	53	61	82	29
5	0	49	65	77	38
6	0	45	73	80	46
7	0	40	70	83	12
8	0	30	71	81	4
9	0	22	76	30	30
10	0	21	75	81	31
11	0	20	66	78	29
12	0	16	65	77	28
13	0	21	75	71	23
14	0	26	74	63	29
15	5	21	75	66	36
16	6	16	73	77	41
17	9	14	80	78	43
18	12	14	78	74	43
19	16	41	81	71	43
20	36	12	81	74	44
21	14	0	83	73	44
22	34	0	81	62	43
23	51	5	72	66	41
24	64	27	73	61	43
25	72	29	72	64	43
26	40	56	64	71	36
27	57	54	73	67	34
28	68	54	69	63	29
29	69	57	69	60	32
30	65	62	78	59	35
31	55	--	78	57	--
Mean	22	32	71	72	36
Max.	72	57	83	83	54
Min.	0	0	26	57	4
A.F.	1330	1930	4350	4430	2160

Water diverted 14200 A.F.
Pathfinder Storage Available
Acreage reported D-857, 1033-6177

DAILY DIVERSIONS OF CANALS--1964
CAMBRIDGE CANAL from Republican River--Measured
through 15-foot Farnsall flume--Sec. 27-4-25 W.

Date	May	June	July	Aug.	Sept.
1	0	79	55	232	0
2	0	69	64	230	15
3	0	67	82	260	51
4	0	63	96	299	54
5	0	59	96	315	54
6	0	44	142	302	53
7	0	45	226	293	52
8	0	46	292	271	52
9	0	49	325	266	58
10	0	53	337	266	65
11	0	53	337	266	64
12	0	52	339	266	62
13	16	45	328	277	60
14	42	40	305	263	60
15	47	40	280	239	60
16	12	40	259	232	44
17	14	41	241	232	0
18	76	40	229	217	0
19	48	40	238	190	0
20	51	35	229	0	0
21	65	36	238	0	0
22	82	36	251	0	0
23	59	37	259	0	0
24	59	11	260	0	0
25	81	0	262	0	0
26	82	0	263	0	0
27	84	0	265	0	0
28	83	19	266	0	0
29	85	46	262	0	0
30	85	51	250	0	0
31	83	--	238	0	-
Mean	37	41	236	159	27
Max.	85	79	339	315	65
Min.	0	0	55	0	0
A.F.	2290	2450	14510	9750	1590

Water diverted 30590 A.F.
Supplemental storage included
Acreage reported A-3869e-14856; A-6218-397;
A-9479-220; A-9763-131; Total-15604

DAILY DIVERSIONS OF CANALS--1964
CASTLE ROCK-STEAMBOAT CANAL from North Platte River
Measured through rating flume--Sec. 14-21-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	54	31	74	79	86	86
2	52	48	74	76	86	86
3	52	42	74	74	86	86
4	52	42	73	74	84	86
5	50	46	71	80	82	86
6	51	49	72	81	84	88
7	52	50	66	85	82	86
8	54	47	66	84	82	84
9	54	45	66	88	82	83
10	54	44	66	85	82	82
11	55	42	66	85	81	82
12	49	42	70	86	82	82
13	49	40	70	86	82	76
14	47	43	50	86	83	69
15	47	44	72	86	82	67
16	47	38	73	87	82	68
17	47	31	73	88	83	68
18	47	38	73	84	82	66
19	47	58	74	84	82	66
20	47	64	72	84	82	67
21	46	66	66	84	82	64
22	45	76	48	85	82	60
23	44	78	66	84	81	60
24	46	76	65	84	82	62
25	44	73	66	85	79	64
26	36	66	63	86	84	67
27	33	80	64	86	87	64
28	29	78	66	86	87	60
29	28	73	74	86	86	59
30	16	72	80	86	88	58
31	0	74	--	86	87	--
Mean	44	55	68	84	83	73
Max.	55	80	80	88	88	88
Min.	0	31	48	74	79	58
A.F.	2730	3360	4070	5160	5120	4330

Water diverted 24770 A.F.
Acreage reported L-921-6017; A-186R-471;
A-350R-50; Total-6538

DAILY DIVERSIONS OF CANALS--1964
CENTRAL CANAL from North Platte River
Measured through rating flume--Sec. 36-22-55 W.

Date	May	June	July	Aug.	Sept.
1	0	19	23	27	23
2	0	18	25	27	21
3	0	18	27	26	21
4	0	16	27	27	22
5	0	15	26	26	22
6	0	13	27	28	20
7	0	11	28	29	21
8	0	15	27	29	21
9	0	16	26	30	21
10	0	16	26	30	21
11	0	15	24	30	20
12	0	18	22	31	20
13	0	17	26	31	17
14	0	14	25	29	17
15	0	18	24	28	17
16	0	19	25	28	17
17	0	18	29	28	17
18	2	17	30	27	16
19	9	13	30	26	11
20	11	14	30	26	10
21	15	14	31	26	10
22	18	12	31	24	11
23	20	16	30	18	15
24	23	18	28	19	18
25	24	17	27	19	19
26	24	16	29	18	13
27	23	16	28	20	0
28	23	16	27	22	0
29	21	15	27	22	0
30	19	21	27	23	0
31	18	--	27	23	-
Mean	8	16	27	26	15
Max.	24	21	31	31	23
Min.	0	11	22	18	0
A.F.	500	950	1670	1580	910

Water diverted 5610 A.F.; Natural 5610 A.F..
Storage 0 A.F.; Pathfinder Storage Available
Acreage reported D-926-2088

DAILY DIVERSIONS OF CANALS--1964
 CHAMPION CANAL from Frenchman River
 Measured through rating flume--Sec. 23-6-40 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	18	0	15	10	3	4
2	0	0	14	11	3	4
3	0	0	14	12	3	4
4	0	0	14	13	3	4
5	0	16	11	13	3	4
6	0	16	10	13	3	4
7	0	16	11	10	3	4
8	0	17	14	6	3	4
9	0	17	12	8	4	6
10	0	16	9	5	3	7
11	0	13	6	4	3	7
12	0	12	6	4	3	8
13	0	13	9	6	3	9
14	0	18	12	14	4	10
15	0	18	10	14	4	11
16	0	16	9	7	4	13
17	0	16	10	3	4	14
18	0	16	12	3	5	13
19	0	16	14	3	4	13
20	0	16	15	4	5	14
21	0	16	16	3	5	14
22	0	18	13	4	5	15
23	0	18	13	4	5	15
24	0	18	13	3	5	15
25	0	18	12	3	4	15
26	0	16	12	4	4	15
27	0	17	17	4	4	15
28	0	17	16	4	4	15
29	0	17	12	4	4	14
30	0	17	10	3	4	14
31	0	16	--	3	4	--
Mean	1	14	12	7	4	10
Max.	18	18	17	14	5	15
Min.	0	0	6	3	3	4
A.F.	40	870	720	400	230	600

Water diverted 2860 A.F.
 Acreage reported D-47-1323

DAILY DIVERSIONS OF CANALS--1964
 CHIMNEY ROCK CANAL from North Platte River
 Measured through rating flume--Sec. 1-20-53 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	45	0	42	53	38	75	61
2	40	0	48	57	56	75	63
3	41	0	45	57	49	79	60
4	44	0	45	58	52	79	60
5	46	0	46	60	58	77	61
6	45	0	48	60	58	77	62
7	44	0	50	60	62	79	62
8	42	0	56	58	62	79	60
9	41	0	52	60	70	78	57
10	39	0	53	59	67	78	56
11	38	0	58	58	65	78	37
12	37	0	58	62	61	78	29
13	39	0	57	66	60	78	30
14	32	0	60	67	62	79	30
15	27	0	51	64	62	80	32
16	18	0	32	62	62	81	31
17	0	0	23	54	59	80	48
18	0	0	76	56	70	79	52
19	0	0	59	65	79	77	52
20	0	0	60	63	80	70	55
21	0	0	43	63	82	58	55
22	0	0	40	58	83	38	60
23	0	0	65	54	76	57	63
24	0	0	62	56	75	62	60
25	0	0	60	61	76	62	58
26	0	0	62	60	78	62	59
27	0	0	67	56	74	62	61
28	0	15	63	55	60	62	56
29	0	23	64	56	77	62	56
30	0	35	61	47	75	63	56
31	0	--	58	--	75	63	--
Mean	20	2	54	59	67	71	53
Max.	46	35	76	67	83	81	63
Min.	0	0	23	47	38	38	29
A.F.	1230	140	3300	3500	4090	4380	3140

Water diverted 19780 A.F.; Natural 18640 A.F.;
 Storage 1140 A.F.; Includes Pathfinder Storage
 Acreage reported D-844, 1031-5141; A-2190-47;
 Total-5188

DAILY DIVERSIONS OF CANALS--1964
 CIRCLE-ARROW CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 30-15-54 W.

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	1	0
12	0	0	0	0	0
13	0	1	0	0	0
14	0	0	0	0	0
15	0	1	0	0	0
16	0	0	0	0	0
17	0	1	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	1	0
22	0	0	0	0	1
23	0	1	0	0	0
24	0	0	0	1	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	--
Mean	0	0	0	0	0
Max.	0	1	0	1	1
Min.	0	0	0	0	0
A.F.	0	10	0	10	0

Water diverted 20 A.F.
 Acreage reported D-346-220

DAILY DIVERSIONS OF CANALS--1964
 CODY-DILLON CANAL from North Platte River
 Measured over weir--Sec. 10-14-31 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	10	1	0	8	13	29	8
2	10	1	0	8	14	36	4
3	11	1	0	18	24	40	2
4	10	0	0	25	31	44	4
5	10	0	0	8	36	45	19
6	9	0	0	5	37	45	28
7	8	0	0	4	36	45	29
8	8	0	0	2	32	43	30
9	8	0	0	12	34	40	34
10	8	0	0	20	32	40	35
11	7	0	0	17	16	40	31
12	7	0	0	16	16	42	29
13	7	0	0	14	8	44	25
14	8	0	0	16	7	46	26
15	9	0	0	17	6	48	29
16	9	0	0	16	9	48	33
17	9	0	0	11	10	41	34
18	10	0	0	8	16	28	34
19	10	0	0	8	11	4	26
20	10	0	0	12	8	3	15
21	8	0	0	17	17	3	14
22	7	0	0	20	22	2	14
23	5	0	10	24	31	5	14
24	5	0	53	32	36	5	14
25	4	0	50	45	34	2	12
26	4	0	38	31	40	0	13
27	4	0	37	28	42	10	22
28	4	0	20	18	45	19	18
29	3	0	16	5	45	18	20
30	2	0	13	5	43	16	19
31	2	--	10	--	31	10	--
Mean	7	0	8	16	25	27	21
Max.	11	1	53	45	45	48	35
Min.	2	0	0	2	6	0	2
A.F.	450	10	490	930	1550	1670	1260

Water diverted 6360 A.F.
 Acreage reported D-649-4743

DAILY DIVERSIONS OF CANALS--1964
COLUMBUS POWER CANAL from Loup River
Measured through section of canal--Sec. 6-16-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1340	1570	2030	2210	1980	1950	2270	2420	1440	1620	493	1630
2	1270	1650	1210	2280	1970	1880	2130	2400	1500	2660	472	1830
3	1210	1730	1380	2420	1930	1910	2510	2150	1550	2750	444	1770
4	1220	1920	2070	2390	1890	1760	2780	2050	1500	1810	1470	1460
5	1230	1950	2070	2400	1900	1890	2720	2750	1630	1520	2090	1630
6	1230	2030	2100	2250	1930	1950	2860	1860	1590	1360	1190	2670
7	1210	2190	2150	2240	1870	1690	2920	2180	1820	1470	830	2750
8	1180	2000	738	2230	1900	1090	2940	2460	1850	1650	745	2490
9	1160	2100	528	2270	1960	1530	2700	1980	1360	2370	717	1880
10	1190	2120	423	2220	1920	1770	2380	1690	1220	2890	682	1750
11	1160	2120	324	2000	1990	1810	2320	1800	1320	2090	675	1780
12	1200	2160	264	1830	2020	1900	2240	2370	1800	2510	731	2040
13	1190	2250	318	1590	1820	2480	2630	2530	1720	2690	668	1840
14	1180	2360	451	1290	1450	2920	2690	2250	1510	2010	689	1700
15	1140	2150	605	1260	1010	2830	2550	2120	2220	1940	731	1660
16	1140	2040	773	1190	1600	2750	2260	1890	1910	1930	875	1750
17	1130	2090	773	1310	1770	2620	2140	1920	982	1570	1100	1760
18	1170	2190	875	1460	1870	2580	2380	1810	2310	1460	1420	1840
19	1280	2180	1010	1680	1780	2690	2250	1620	2040	1270	1420	1870
20	1370	2180	1080	1980	1870	2920	2440	1520	2060	1200	1490	1830
21	1450	2100	1100	2060	1830	2290	2660	1370	1770	1060	2880	1850
22	1660	2360	1180	2020	1780	2750	2750	1180	2180	951	2490	1920
23	1600	2470	1290	2040	1790	2790	2500	1110	2940	816	1880	2790
24	1580	2490	1480	2050	1810	2790	2310	1080	2950	735	1730	2260
25	1650	2310	1530	2090	1670	375	2140	920	2620	645	1750	1940
26	1620	2280	1760	2010	1700	493	1920	96	2460	689	1590	1740
27	1590	2190	1760	2000	1610	1330	1830	12	2080	630	1560	1650
28	1570	2080	1970	2060	1920	2100	2850	665	1650	563	1650	1670
29	1560	2140	2110	2050	1960	1740	2780	1290	1500	542	1700	1620
30	1500	2150	2230	2050	----	2570	2800	1370	1480	493	1630	1640
31	1530	----	2220	2010	----	2390	----	1450	----	549	1610	----
Mean	1339	2118	1284	1966	1810	2082	2488	1688	1832	1498	1271	1900
Max.	1660	2490	2230	2420	2020	2920	2940	2750	2950	2890	2880	2790
Min.	1130	1570	264	1190	1010	375	1830	12	982	493	444	1460
A.F.	82330	126000	78950	120900	104100	128000	148100	103800	109000	92120	78150	113100
Total acre-feet 1285000 A.F.												

DAILY DIVERSIONS OF CANALS--1964
COOK CANAL NO. 1 from Niobrara River
Measured through rating flume--Sec. 2-28-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	0	0	2	2
2	1	0	0	0	2	2
3	1	0	0	1	2	2
4	1	0	0	1	2	1
5	1	0	0	1	2	1
6	1	0	0	1	2	1
7	1	0	0	1	2	1
8	2	0	0	1	2	1
9	1	0	1	1	2	1
10	1	0	1	1	2	1
11	1	0	1	1	2	1
12	2	0	1	1	2	1
13	2	0	1	1	2	1
14	2	0	1	1	2	1
15	2	0	1	1	2	1
16	2	0	1	1	2	1
17	2	0	1	1	2	2
18	2	0	1	2	2	2
19	2	0	1	2	1	2
20	2	0	1	2	2	2
21	2	0	1	2	2	2
22	2	0	1	2	2	2
23	2	0	1	2	2	2
24	2	0	1	2	2	2
25	1	0	1	2	2	2
26	0	0	0	2	2	2
27	0	0	0	2	1	2
28	0	0	1	2	2	1
29	0	0	1	2	2	1
30	0	0	0	2	2	1
31	0	0	-	2	2	-
Mean	1	0	1	1	2	.1
Max.	2	0	1	2	2	2
Min.	0	0	0	0	1	1
A.F.	80	0	40	80	120	90
Water diverted 410 A.F. Acreage reported D-980-162						

DAILY DIVERSIONS OF CANALS--1964
COURT HOUSE ROCK CANAL from Pumpkinseed Creek
Measured through rating flume--Sec. 30-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	15	12	8	7
2	8	0	15	10	8	7
3	10	0	15	10	8	7
4	6	0	15	9	8	7
5	11	0	14	8	8	7
6	15	0	13	8	8	7
7	15	6	12	9	8	14
8	15	19	11	5	8	7
9	14	21	10	4	8	7
10	13	22	9	6	7	7
11	12	21	10	8	7	6
12	10	21	13	9	8	6
13	8	21	13	10	8	4
14	6	19	13	9	8	4
15	5	19	15	9	8	3
16	5	21	16	8	8	4
17	4	21	14	8	8	7
18	4	20	13	8	7	6
19	4	18	13	8	8	6
20	3	15	13	7	8	5
21	3	15	14	7	7	4
22	2	14	14	8	7	4
23	0	14	13	8	8	4
24	0	14	14	8	8	3
25	0	13	14	8	8	3
26	0	13	16	8	7	2
27	0	13	16	8	8	2
28	0	12	10	8	8	1
29	0	14	12	8	7	1
30	0	15	11	8	8	3
31	0	15	---	8	7	-
Mean	6	13	13	8	8	5
Max.	15	22	16	12	8	14
Min.	0	0	9	4	7	1
A.F.	350	820	780	500	480	310
Water diverted 3240 A.F. Acreage reported D-840, 1028-1462; A-851-24; Total-1486						

DAILY DIVERSIONS OF CANALS--1964
 COURTLAND CANAL from Republican River
 Measured through orifice--Sec. 7-1-9 W.

Date	May	June	July	Aug.	Sept.
1	0	103	170	695	599
2	0	102	273	703	653
3	0	102	328	711	658
4	0	94	344	703	506
5	0	72	352	719	384
6	0	72	466	719	384
7	0	74	586	711	207
8	0	74	649	719	89
9	0	74	641	727	68
10	0	82	678	711	63
11	0	72	713	719	57
12	0	83	704	727	56
13	0	114	695	727	54
14	0	119	754	750	39
15	0	111	746	758	0
16	0	101	729	750	0
17	0	102	729	695	0
18	59	108	729	519	0
19	102	123	738	477	0
20	102	87	738	422	0
21	124	68	746	406	0
22	120	76	754	366	0
23	118	81	762	236	0
24	122	93	729	195	0
25	154	94	738	171	0
26	147	94	729	194	0
27	142	101	717	349	0
28	141	106	711	515	0
29	140	144	711	527	0
30	99	150	695	521	0
31	104	---	687	529	-
Mean	54	96	637	570	127
Max.	154	150	762	758	658
Min.	0	68	170	171	0
A.F.	3320	5710	39150	35050	7570

Water diverted *90800 A.F.
 Supplemental storage included
 Acreage reported A-4222-1682; A-6224-113;
 Total-1795-Nebraska
 *Includes diversion for Kansas lands.

DAILY DIVERSIONS OF CANALS--1964
 COURTLAND CANAL from Republican River--Measured at
 Nebraska-Kansas State Line--Sec. 32-1-7 W.

Date	May	June	July	Aug.	Sept.
1	0	78	139	684	546
2	0	80	239	684	620
3	0	80	305	686	638
4	0	89	312	689	499
5	0	58	321	686	346
6	0	55	402	695	340
7	0	54	506	691	192
8	0	55	601	689	87
9	0	54	618	693	50
10	0	57	642	695	48
11	0	63	662	693	42
12	0	54	671	693	40
13	0	96	675	693	40
14	0	103	678	697	40
15	0	103	678	700	25
16	0	89	673	700	12
17	0	85	673	687	7.8
18	0	90	669	517	15
19	22	103	678	460	14
20	45	75	680	398	1.9
21	72	50	675	354	0
22	89	58	680	332	0
23	74	61	682	209	0
24	64	73	680	179	0
25	67	76	682	157	0
26	74	77	691	162	0
27	96	85	682	330	0
28	101	85	675	459	0
29	103	125	684	502	0
30	94	130	684	490	0
31	78	---	682	506	-
Mean	32	78	591	542	120
Max.	103	130	691	700	638
Min.	0	50	139	157	0
A.F.	1940	4640	36340	33340	7150

Water diverted 83410 A.F.

DAILY DIVERSIONS OF CANALS--1964
 COZAD CANAL from Platte River--Measured
 through Parshall flume--Sec. 13-11-25 W.

Date	May	June	July	Aug.	Sept.
1	0	47	67	183	32
2	0	45	74	183	30
3	0	44	72	183	32
4	0	48	72	192	30
5	0	23	108	201	28
6	0	5	154	202	30
7	0	6	170	201	31
8	0	6	165	199	24
9	0	6	159	201	30
10	0	29	163	199	31
11	0	48	162	199	32
12	0	46	154	199	34
13	0	47	152	199	34
14	16	48	154	190	29
15	40	48	157	183	20
16	35	47	155	180	25
17	35	49	165	8	23
18	34	48	172	13	21
19	33	47	182	47	21
20	28	49	202	32	21
21	10	50	204	30	21
22	25	49	211	30	10
23	50	50	217	34	0
24	49	49	222	31	0
25	50	48	226	31	0
26	51	50	222	31	0
27	51	53	206	34	0
28	50	50	204	33	0
29	49	52	202	33	0
30	48	52	201	34	0
31	47	---	188	33	-
Mean	23	41	166	114	20
Max.	51	53	226	202	34
Min.	0	5	67	8	0
A.F.	1390	2460	10240	7040	1170

Water diverted 22300 A.F.
 Sutherland storage included
 Acreage reported D-626-25540

DAILY DIVERSIONS OF CANALS--1964
 CRESCENT LAKE OUTLET to Blue Creek
 Sec. 21-20-44 W.

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

Water withdrawn 260 A.F.

DAILY DIVERSIONS OF CANALS--1964
 CULBERTSON CANAL from Frenchman River--Measured
 through 18-foot Parshall flume--Sec. 31-5-33 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	91	73	122	334	217
2	0	73	71	138	336	222
3	0	65	69	170	344	236
4	0	57	70	188	343	233
5	0	43	70	196	368	226
6	0	5	70	224	362	225
7	0	0	70	248	364	221
8	0	0	72	273	360	214
9	0	0	70	294	352	208
10	0	0	64	322	330	201
11	0	0	73	281	330	186
12	0	0	86	255	328	168
13	0	0	92	218	328	154
14	0	0	92	185	326	44
15	0	0	98	191	308	0
16	52	0	100	186	307	0
17	87	0	96	195	311	0
18	86	25	86	208	303	0
19	85	67	80	207	312	0
20	77	66	78	243	275	0
21	67	66	77	261	224	0
22	78	69	73	281	195	0
23	87	74	71	310	203	0
24	91	74	67	330	201	0
25	93	87	65	328	195	0
26	102	100	67	326	201	0
27	98	102	68	338	208	0
28	94	88	68	330	208	0
29	105	79	72	352	212	0
30	106	77	91	346	210	0
31	--	77	--	336	214	--
Mean	44	45	77	254	287	92
Max.	106	102	100	352	368	236
Min.	0	0	64	122	195	0
A.F.	2590	2750	4560	15630	17640	5470

Water diverted *48670 A.F.
 Supplemental storage included
 Acreage reported D-24, 25, 29, 30-9369;
 A-3869AR-1491; A-6214-9921; A-9697-157;
 A-9802-132; Total-21070
 *Includes 30 A.F. from canal through farm turnout
 located upstream from the 18' Parshall flume.
 In July 13 a.f., in August 17 a.f.

DAILY DIVERSIONS OF CANALS--1964
 EARNEST CANAL (Combined flow--North & South) from
 Niobrara River--Measured through rating flumes
 Sec. 9-29-56 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	3	0	4	4	3	4
2	0	4	0	4	4	3	4
3	0	4	0	3	3	3	4
4	0	4	0	4	3	3	4
5	0	4	0	4	3	3	7
6	0	4	0	4	3	3	10
7	0	4	4	4	3	3	11
8	0	4	8	4	2	1	10
9	0	4	7	4	2	2	7
10	2	4	7	4	2	4	3
11	3	4	7	4	4	3	3
12	0	4	8	4	5	2	3
13	2	4	7	4	5	2	3
14	4	4	5	4	4	2	4
15	3	3	5	4	3	3	4
16	4	1	6	4	2	3	4
17	4	1	5	4	3	3	5
18	4	1	8	4	3	3	4
19	4	1	7	4	1	3	5
20	3	1	7	4	1	3	5
21	3	0	6	4	1	4	5
22	3	0	3	4	0	4	5
23	3	0	2	4	0	4	5
24	3	0	3	4	0	4	5
25	3	0	3	4	0	4	4
26	3	0	3	3	1	4	4
27	4	0	3	3	2	4	5
28	3	0	3	4	2	4	5
29	3	0	4	4	2	4	4
30	3	0	7	4	3	4	4
31	3	--	5	--	3	4	--
Mean	2	2	4	4	2	3	5
Max.	4	4	8	4	5	4	11
Min.	0	0	0	3	0	1	3
A.F.	130	120	260	230	150	200	300

Water diverted 1390 A.F.
 Acreage reported D-514a-190; D-514b-150; A-1362R-102;
 Total-442

DAILY DIVERSIONS OF CANALS--1964
 DAWSON COUNTY CANAL from Platte River
 Measured through Parshall flume--Sec. 7-10-23 W.

Date	May	June	July	Aug.	Sept.
1	0	127	92	405	83
2	0	132	95	387	95
3	0	122	112	424	100
4	0	144	137	432	82
5	0	130	168	448	72
6	0	124	201	461	76
7	0	115	224	453	82
8	0	122	228	424	86
9	0	129	226	459	89
10	0	137	232	453	106
11	0	144	212	440	98
12	0	141	181	413	101
13	74	132	191	448	112
14	185	137	199	424	107
15	79	139	199	389	107
16	92	134	228	389	98
17	90	118	263	106	92
18	92	117	256	115	92
19	88	120	278	142	90
20	84	110	322	136	88
21	72	134	369	130	88
22	69	148	365	95	86
23	92	136	352	92	84
24	113	127	410	90	74
25	120	118	405	89	73
26	157	113	445	83	72
27	149	100	440	79	70
28	130	101	440	77	73
29	122	76	424	83	70
30	120	77	413	77	69
31	124	--	407	89	--
Mean	66	123	275	269	87
Max.	185	148	445	461	112
Min.	0	76	92	77	69
A.F.	4070	7340	16890	16530	5190

Water diverted 50020 A.F.
 Sutherland storage included
 Acreage reported D-621-520; D-622-57097;
 D-624-5640; A-2039-5033; A-2093-213;
 A-2110-13859; A-2145-995; A-2262-890;
 Total-84237

DAILY DIVERSIONS OF CANALS--1964
 EMPIRE CANAL from North Platte River via Belmont Canal
 Measured through 4-foot Parshall flume--Sec. 20-20-51 W.

Date	May	June	July	Aug.	Sept.
1	0	29	28	27	28
2	0	29	25	28	28
3	0	29	25	28	25
4	0	29	29	27	24
5	0	28	31	27	25
6	0	27	30	27	26
7	0	27	28	27	28
8	0	26	28	27	26
9	0	26	28	18	26
10	0	26	29	13	25
11	0	26	27	12	24
12	0	27	28	11	24
13	0	27	28	12	24
14	0	25	28	12	25
15	0	26	28	12	22
16	0	28	28	13	20
17	0	26	27	23	19
18	0	23	23	28	22
19	0	27	21	28	22
20	0	29	24	27	20
21	0	29	26	26	20
22	0	22	30	27	19
23	0	21	30	28	19
24	0	19	28	28	17
25	0	27	26	27	17
26	0	30	28	28	15
27	0	29	27	27	14
28	0	30	27	28	14
29	0	29	28	28	11
30	9	28	24	27	3
31	29	--	25	27	--
Mean	1	27	27	23	21
Max.	29	30	31	28	28
Min.	0	19	21	11	3
A.F.	80	1600	1670	1440	1250

Water diverted 6040 A.F.
 Acreage reported D-858-2116; A-866-75;
 Total-2191

DAILY DIVERSIONS OF CANALS--1964
 ENTERPRISE CANAL from North Platte River
 measured through rating flume--Sec. 27-23-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	35	0	74	70	57	54
2	34	0	59	70	63	53
3	33	0	59	68	63	53
4	31	0	61	72	57	53
5	10	0	60	76	59	54
6	0	0	59	85	65	54
7	0	0	60	83	63	53
8	0	0	61	88	64	53
9	0	0	60	74	63	54
10	0	0	59	67	64	54
11	0	0	59	56	63	56
12	0	0	62	52	64	56
13	0	9	61	47	64	56
14	0	21	57	47	63	57
15	0	26	49	50	63	54
16	0	48	50	55	63	53
17	0	52	57	56	64	54
18	0	53	57	57	63	54
19	0	50	56	60	62	54
20	0	43	60	60	63	54
21	0	38	61	62	59	54
22	0	35	60	62	56	54
23	0	34	61	63	56	54
24	0	32	61	63	56	51
25	0	46	61	63	54	47
26	0	70	63	63	54	47
27	0	90	63	64	54	59
28	0	89	62	63	54	51
29	0	86	62	64	54	38
30	0	83	68	54	56	34
31	0	81	--	53	56	--
Mean	5	32	60	63	60	52
Max.	35	90	74	88	65	59
Min.	0	0	49	47	54	34
A.F.	290	1960	3570	3900	3690	3120

Water diverted 16530; Natural 16200 A.F.
 Storage 330 A.F.

DAILY DIVERSIONS OF CANALS--1964
 ENTERPRISE CANAL from Dry Spotted Tail
 Measured in channel of stream--Sec. 20-23-56 W.

Date	May	June	July	Aug.	Sept.
1	0	18	12	18	13
2	0	18	13	18	17
3	0	18	13	17	19
4	0	19	13	17	18
5	0	19	13	16	22
6	0	19	13	18	22
7	0	19	18	17	20
8	0	19	16	15	22
9	0	20	14	15	20
10	0	20	13	17	21
11	0	20	18	15	20
12	0	15	18	16	16
13	0	13	13	16	13
14	0	14	11	16	12
15	0	14	11	16	8
16	3	15	13	16	9
17	5	15	13	16	14
18	7	19	13	16	13
19	0	19	17	16	13
20	7	18	18	13	12
21	8	17	17	15	12
22	8	19	18	15	12
23	8	18	19	20	12
24	0	13	23	15	12
25	0	13	18	16	18
26	0	17	17	15	18
27	0	18	15	12	20
28	0	24	16	14	8
29	18	24	18	13	2
30	18	13	18	13	0
31	18	--	17	14	--
Mean	3	18	15	16	15
Max.	18	24	23	20	22
Min.	0	13	11	12	0
A.F.	200	1050	950	960	870

Water diverted 4030 A.F.

DAILY DIVERSIONS OF CANALS--1964
 ENTERPRISE CANAL from Morrill Drain
 Measured in channel of drain--Sec. 13-23-57 W.

Date	May	June	July	Aug.	Sept.
1	0	1	0	3	4
2	0	1	0	3	4
3	0	1	0	3	4
4	0	1	0	3	4
5	0	1	0	3	4
6	0	1	0	3	4
7	0	1	0	3	4
8	0	1	0	3	3
9	0	1	0	3	3
10	0	1	0	3	3
11	0	1	0	3	3
12	0	1	0	3	3
13	0	1	1	3	3
14	0	1	1	3	3
15	0	1	1	3	3
16	0	1	1	3	3
17	0	1	1	3	3
18	0	1	1	3	3
19	0	1	1	3	3
20	0	1	1	3	3
21	0	1	1	3	3
22	0	1	1	3	2
23	0	1	1	3	2
24	0	1	1	3	2
25	0	1	1	3	2
26	0	1	1	3	2
27	0	1	2	4	2
28	0	1	3	4	2
29	0	1	3	4	2
30	0	1	3	4	2
31	0	--	3	4	--
Mean	0	1	1	3	3
Max.	0	1	3	4	4
Min.	0	1	0	3	2
A.F.	0	60	60	190	170

Water diverted 480 A.F.

DAILY DIVERSIONS OF CANALS--1964

ENTERPRISE CANAL from Winter Creek
Measured at outlet of 24 inch concrete pipe
Sec. 17-22-54 W.

ENTERPRISE CANAL from Tub Springs
Difference between stations upstream and downstream
from canal--Sec. 32-23-55 W.

Date	May	June	July	Aug.	Sept.
1	0	2	2	2	2
2	0	2	2	3	2
3	0	2	2	3	2
4	0	2	3	3	2
5	0	2	3	3	2
6	0	2	3	3	2
7	0	1	3	3	2
8	0	1	3	3	2
9	0	1	3	2	2
10	0	1	3	2	2
11	0	0	3	2	2
12	0	0	3	2	2
13	0	0	3	2	2
14	0	0	3	2	2
15	0	0	3	2	2
16	0	0	3	3	2
17	0	0	3	3	2
18	0	0	3	3	2
19	0	0	3	3	2
20	0	1	3	3	2
21	0	1	3	3	2
22	0	1	3	3	2
23	0	1	3	4	2
24	0	1	3	4	2
25	0	1	3	4	2
26	2	1	2	4	2
27	2	1	2	4	2
28	2	2	2	4	2
29	2	2	2	3	2
30	2	2	2	3	2
31	2	-	2	2	-
Mean	0	1	3	3	2
Max.	2	2	3	4	2
Min.	0	0	2	2	2
A.F.	20	60	170	180	120

Water diverted 550 A.F.

Date	Oct.	May	June	July	Aug.	Sept.
1	19	0	0	14	30	20
2	18	0	0	15	30	16
3	16	0	3	18	29	22
4	0	0	1	18	29	25
5	0	0	2	19	29	18
6	0	0	9	21	29	12
7	0	0	3	22	29	4
8	0	0	5	22	30	6
9	0	0	0	22	30	4
10	0	0	0	24	30	4
11	0	0	0	26	30	1
12	0	0	0	26	30	1
13	0	0	0	27	30	0
14	0	0	0	27	30	0
15	0	0	0	27	31	6
16	0	0	0	27	31	6
17	0	0	6	27	32	2
18	0	0	10	27	32	3
19	0	0	9	26	32	9
20	0	12	23	27	32	5
21	0	16	23	27	31	5
22	0	17	0	27	30	3
23	0	17	0	25	22	1
24	0	18	0	22	28	0
25	0	18	3	25	40	0
26	0	19	21	28	39	0
27	0	15	27	29	29	0
28	0	3	21	29	29	0
29	0	0	25	28	25	20
30	0	0	6	15	27	23
31	0	0	-	26	26	--
Mean	2	4	7	24	30	7
Max.	19	19	27	29	40	25
Min.	0	0	0	14	22	0
A.F.	100	270	390	1470	1850	430

Water diverted 4510 A.F.

DAILY DIVERSIONS OF CANALS--1964

ENTERPRISE CANAL
Summary in Acre-feet--1964

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	290	1960	3570	3900	3690	3120	16530
Dry Spotted Tail.....	0	200	1050	950	960	870	4030
Morrill Drain.....	0	0	60	60	190	170	480
Tub Springs.....	110	270	390	1470	1850	430	4510
Winter Creek.....	0	20	60	170	180	120	550
Total diversion.....	400	2450	5130	6550	6870	4710	26100

Water diverted 25770 A.F. Natural
330 A.F. Storage
26100 A.F. Total

Includes Glendo Storage
Acreage reported D-920-7572

DAILY DIVERSIONS OF CANALS--1964
 ENTERPRISE CANAL (Combined flow-North & South) from
 Niobrara River--Measured through rating flumes
 Sec. 27-29-50 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	8	0	2	0	0	6
2	6	3	3	0	0	5
3	6	3	7	0	0	6
4	6	1	6	0	0	6
5	6	2	6	0	0	6
6	7	4	6	0	0	5
7	7	2	5	0	0	5
8	7	2	6	0	0	6
9	7	2	10	0	0	5
10	7	0	10	0	0	6
11	8	0	8	0	0	7
12	11	0	6	0	0	7
13	10	0	8	0	0	7
14	8	0	10	0	0	7
15	7	0	4	0	0	6
16	6	0	1	0	0	6
17	7	0	0	0	0	6
18	8	0	0	0	0	6
19	0	0	0	0	0	2
20	1	0	0	0	2	2
21	1	0	0	0	4	2
22	1	0	0	0	6	3
23	1	0	0	0	6	3
24	0	0	0	0	6	3
25	0	0	0	0	5	3
26	0	3	0	0	5	3
27	0	6	0	0	6	4
28	0	6	0	0	5	4
29	0	7	0	0	6	4
30	0	5	0	0	6	4
31	-	2	-	0	6	-
Mean	5	2	3	0	2	5
Max.	11	7	10	0	6	7
Min.	0	0	0	0	0	2
A.F.	270	100	190	0	120	290

Water diverted 970 A.F.
 Acreage reported D-461-220; A-5181-76;
 Total-296

DAILY DIVERSIONS OF CANALS--1964
 EXCELSIOR CANAL from Niobrara River
 Measured through rating flume--Sec. 10-28-52 W.

Date	May	June	July	Aug.	Sept.
1	0	3	0	0	0
2	0	2	0	0	1
3	0	2	0	0	1
4	0	2	0	0	1
5	3	1	0	0	1
6	8	1	0	0	0
7	8	1	0	0	0
8	8	1	1	0	1
9	6	1	1	0	1
10	5	1	1	0	1
11	5	1	1	0	1
12	5	1	1	0	0
13	4	0	1	0	0
14	4	0	0	0	0
15	3	0	0	0	0
16	5	0	0	0	0
17	5	0	0	2	0
18	3	0	1	2	1
19	1	1	0	1	1
20	1	1	0	1	1
21	4	1	0	1	1
22	3	1	0	1	1
23	2	1	0	2	1
24	1	1	0	3	1
25	1	1	0	3	1
26	2	1	0	2	1
27	2	1	0	1	1
28	3	1	0	2	1
29	4	1	0	1	1
30	5	1	0	1	1
31	3	-	0	1	-
Mean	3	1	0	1	1
Max.	8	3	1	3	1
Min.	0	0	0	0	0
A.F.	210	60	10	50	40

Water diverted 370 A.F.
 Acreage reported D-568-200. A-2264-134;
 Total-334

DAILY DIVERSIONS OF CANALS--1964
 FARWELL CANAL from Middle Loup River
 Measured through 25-foot Farshall flume--Sec. 36-18-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	771	278	0	0	0	0	0	808	157	294	0	0
2	758	173	0	0	0	0	0	768	113	305	0	0
3	748	118	0	0	0	0	0	804	110	263	0	0
4	745	54	0	0	0	0	0	755	107	207	0	0
5	748	2	0	0	0	0	0	804	108	209	0	0
6	745	0	0	0	0	0	0	771	162	63	0	0
7	758	0	0	0	0	0	0	706	199	0	0	0
8	791	0	0	0	0	0	0	637	193	0	0	0
9	794	0	0	0	0	0	0	498	228	0	0	0
10	801	0	0	0	0	0	0	317	294	0	0	0
11	798	0	0	0	0	0	0	158	308	0	0	0
12	784	0	0	0	0	0	0	42	305	0	0	0
13	781	0	0	0	0	0	0	22	310	0	0	0
14	784	0	0	0	0	0	0	20	274	0	0	0
15	738	0	0	0	0	0	0	76	149	0	0	0
16	696	0	0	0	0	0	0	214	112	0	0	0
17	652	0	0	0	0	0	0	369	122	0	0	0
18	603	0	0	0	0	0	0	544	124	0	0	0
19	541	0	0	0	0	0	15	670	172	0	0	0
20	532	0	0	0	0	0	74	646	209	0	0	0
21	550	0	0	0	0	0	84	597	209	0	0	0
22	526	0	0	0	0	0	102	615	175	0	0	0
23	500	0	0	0	0	0	136	667	122	0	0	0
24	512	0	0	0	0	0	242	591	120	0	0	0
25	541	0	0	0	0	0	342	332	106	0	0	0
26	547	0	0	0	0	0	453	162	101	0	0	0
27	541	0	0	0	0	0	585	106	158	0	0	0
28	538	0	0	0	0	0	655	100	207	0	0	0
29	529	0	0	0	0	0	690	102	199	0	0	0
30	472	0	0	0	-	0	738	102	276	0	0	0
31	372	-	0	0	-	0	---	139	---	0	0	-
Mean	651	21	0	0	0	0	137	424	181	43	0	0
Max.	801	278	0	0	0	0	738	808	310	305	0	0
Min.	372	0	0	0	0	0	0	20	101	0	0	0
A.F.	40060	1240	0	0	0	0	8160	26070	10770	2660	0	0

Water diverted 88960 A.F.
 Acreage reported A-4423-39995; A-5710-520; Total-40515

DAILY DIVERSIONS OF CANALS--1964
 FARWELL "MAIN" CANAL from Middle Loup River
 via Sherman Reservoir--Sec. 1-15-14 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	76	88	295	55
2	12	0	79	88	295	52
3	13	0	87	93	298	52
4	13	8	87	101	245	52
5	13	13	85	105	187	48
6	13	13	87	114	187	34
7	16	16	91	116	164	30
8	18	19	95	107	151	33
9	18	19	99	118	151	41
10	18	19	105	132	151	45
11	18	19	114	136	151	39
12	19	24	105	138	144	39
13	19	27	97	144	143	43
14	19	27	95	153	132	46
15	19	31	88	170	128	30
16	19	36	83	177	128	3
17	19	37	81	189	128	0
18	19	46	78	214	117	0
19	19	63	83	223	102	0
20	19	60	88	244	77	0
21	19	60	88	258	59	27
22	19	60	88	280	59	33
23	16	66	90	291	59	0
24	16	77	90	292	59	0
25	7	78	90	298	59	0
26	0	78	90	295	61	0
27	0	73	88	288	61	0
28	0	69	88	288	57	0
29	0	69	90	284	52	0
30	0	69	90	288	52	9
31	0	73	--	292	52	-
Mean	13	40	90	194	129	24
Max.	19	78	114	298	298	55
Min.	0	0	76	88	52	0
A.F.	820	2480	5350	11910	7940	1410

Water diverted 29910 A.F.
 Acreage reported A-4423-39995; A-5710-520;
 Total-40515

DAILY DIVERSIONS OF CANALS--1964
 FARWELL MAIN CANAL at inlet to Sherman Reservoir
 Measured through double V notch--Sec. 17-16-14 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	762	304	0	782	155	293	0	0
2	757	200	0	771	115	288	0	0
3	749	120	0	753	99	279	0	0
4	737	102	0	771	96	209	0	0
5	737	42	0	802	100	200	0	0
6	730	5	0	753	115	159	0	0
7	735	0	0	721	182	17	0	0
8	766	0	0	686	185	11	0	0
9	784	0	0	544	194	0	0	0
10	789	0	0	378	256	0	0	0
11	793	0	0	238	296	0	0	0
12	778	0	0	85	290	0	0	0
13	773	0	0	21	292	0	0	0
14	782	0	0	16	293	0	0	0
15	758	0	0	17	182	0	0	0
16	717	0	0	146	95	0	0	0
17	620	0	0	298	113	0	0	0
18	610	0	0	463	118	0	0	0
19	527	0	0	622	137	0	0	0
20	507	0	4	645	195	0	0	0
21	525	0	70	586	201	0	0	0
22	520	0	78	573	235	0	0	0
23	498	0	96	629	121	0	0	0
24	493	0	182	629	115	0	0	0
25	525	0	298	389	98	0	0	0
26	540	0	419	208	94	0	0	0
27	535	0	552	110	108	0	0	0
28	530	0	596	91	200	0	0	0
29	525	0	661	92	194	0	0	0
30	493	0	712	93	234	0	0	0
31	389	-	---	101	---	0	0	-
Mean	645	26	122	420	170	47	0	0
Max.	793	304	712	802	296	293	0	0
Min.	389	0	0	16	94	0	0	0
A.F.	39640	1530	7280	25820	10130	2890	0	0

Water diverted 87290 A.F.

DAILY DIVERSIONS OF CANALS--1964
 FORSLING-KINNEY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 33-15-56 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	0	0
4	0	0	0	0	0
5	0	1	0	0	0
6	0	1	0	0	0
7	0	1	0	0	0
8	0	2	0	0	0
9	0	2	0	0	0
10	0	2	0	0	0
11	0	2	0	0	0
12	0	2	0	0	0
13	0	2	0	0	0
14	0	1	0	0	0
15	0	1	0	0	0
16	0	3	0	0	0
17	2	3	0	0	0
18	2	3	0	0	0
19	2	3	0	0	0
20	2	3	0	0	0
21	2	3	0	0	0
22	2	3	0	0	0
23	0	2	0	0	0
24	0	2	0	0	0
25	0	2	0	0	0
26	0	2	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	1	-
Mean	0	2	0	0	0
Max.	2	3	0	1	1
Min.	0	0	0	0	0
A.F.	20	90	0	0	10

Water diverted 120 A.F.
 Acreage reported D-348-118; A-718-54;
 Total-172

DAILY DIVERSIONS OF CANALS--1964
 FORT LARAMIE CANAL from North Platte River
 Measured through Parshall flume--Sec. 11-26-65 W.

Date	May	June	July	Aug.	Sept.
1	0	1053	1211	1464	1325
2	0	1053	1304	1455	1325
3	0	1053	1352	1468	1325
4	0	1056	1403	1474	1295
5	0	1053	1464	1477	1260
6	0	1053	1508	1477	1263
7	0	1045	1505	1489	1237
8	0	1023	1505	1502	1214
9	0	1023	1505	1502	1205
10	0	1001	1505	1503	1205
11	0	1001	1505	1503	1205
12	0	1004	1505	1503	1205
13	0	1001	1489	1499	1179
14	0	1004	1474	1502	1154
15	0	1004	1474	1502	1177
16	0	971	1474	1502	1174
17	0	926	1489	1502	1177
18	0	902	1499	1489	1177
19	0	897	1502	1471	1174
20	0	902	1502	1468	1151
21	0	900	1502	1471	1149
22	421	874	1505	1464	1123
23	776	823	1502	1458	1101
24	828	801	1502	1443	1098
25	900	801	1502	1424	939
26	1006	821	1492	1421	646
27	1053	887	1474	1421	245
28	1053	977	1474	1403	0
29	1053	1009	1474	1376	0
30	1051	1084	1477	1373	0
31	1051	---	1477	1355	-
Mean	297	967	1470	1464	1024
Max.	1053	1056	1508	1508	1325
Min.	0	801	1211	1355	0
A.F.	18230	57520	90360	90000	60940

Water diverted 317050 A.F.
 Acreage reported A-768-Nebr-54846;
 A-768-Wyo-50210; Total-105056
 Pathfinder Storage included

DAILY DIVERSIONS OF CANALS--1964
FRANKLIN CANAL from Republican River
Measured through orifice--Sec. 11-1-17 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	76	44	103	242	30
2	0	68	59	146	242	36
3	0	64	57	191	250	45
4	0	62	57	196	251	45
5	0	62	48	196	251	44
6	0	62	42	208	250	38
7	0	62	42	228	233	34
8	0	62	42	233	217	32
9	0	64	50	244	213	24
10	0	62	56	244	193	24
11	0	68	56	249	140	24
12	0	71	44	246	163	24
13	0	71	20	251	150	24
14	0	71	0	251	125	24
15	0	77	0	251	112	14
16	0	78	0	249	112	0
17	0	78	0	249	102	0
18	0	71	0	246	92	0
19	0	64	0	244	92	0
20	0	57	0	244	74	0
21	0	57	0	243	54	0
22	0	54	47	243	34	0
23	0	56	81	255	17	0
24	0	56	73	257	17	0
25	0	59	62	257	30	0
26	0	57	62	261	45	0
27	0	57	62	259	45	0
28	0	31	62	259	38	0
29	51	0	73	250	30	0
30	77	0	87	242	30	0
31	--	0	--	242	30	-
Mean	4	57	41	233	125	15
Max.	77	78	87	261	251	45
Min.	0	0	0	103	17	0
A.F.	250	3530	2430	14350	7680	920

Water diverted 29160 A.F.
Supplemental storage included
Acreage reported A-2691a-4522; A-2691bR-4136;
A-4216-2113; A-6221-161; A-8259-147; A-9623-58;
A-9724-32; Total-11169

DAILY DIVERSIONS OF CANALS--1964
FRANKLIN PUMP CANAL from Republican River--Measured
through 4-foot Parshall flume--Sec. 5-1-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	8	43	0
2	0	0	10	42	9
3	0	0	13	43	15
4	0	0	12	44	15
5	0	8	12	46	6
6	0	12	14	23	0
7	0	11	14	15	0
8	0	11	15	18	0
9	0	11	24	18	0
10	0	11	29	18	0
11	0	11	32	17	0
12	0	11	31	17	0
13	8	5	31	15	0
14	12	0	41	8	0
15	12	0	45	0	0
16	12	0	46	0	0
17	12	0	47	0	0
18	12	0	46	0	0
19	14	0	45	0	0
20	15	0	45	0	0
21	15	0	46	0	0
22	13	0	48	0	0
23	12	0	47	0	0
24	12	0	47	0	0
25	12	0	47	0	0
26	11	0	48	0	0
27	8	0	49	0	0
28	0	0	49	0	0
29	0	0	46	0	0
30	0	0	45	0	0
31	0	-	45	0	-
Mean	6	3	35	12	2
Max.	15	12	49	46	15
Min.	0	0	8	0	0
A.F.	360	180	2130	730	90

Water diverted 3490 A.F.
Supplemental storage included
Acreage reported A-4227-1926; A-6222-184;
Total-2110

DAILY DIVERSIONS OF CANALS--1964
FULLERTON POWER CANAL from Cedar River
Measured through turbines--Sec. 11-16-6 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	191	179	195	206	241	269	243	232	0	61	68	187
2	166	181	179	214	223	285	241	321	0	0	88	173
3	173	181	182	224	201	389	288	363	0	0	106	174
4	171	179	147	231	202	337	298	260	0	0	254	150
5	175	179	197	228	239	291	269	294	0	0	295	227
6	160	179	198	247	237	322	336	266	0	0	133	270
7	165	179	203	201	227	248	352	322	0	57	168	368
8	165	180	180	206	194	273	325	369	0	173	156	297
9	165	179	76	212	238	261	307	243	0	160	162	267
10	118	181	84	157	225	283	310	212	0	164	156	225
11	179	181	36	176	203	273	299	236	0	170	116	200
12	178	181	130	165	211	180	257	274	0	184	117	199
13	181	98	135	138	220	165	276	254	0	158	120	225
14	170	58	145	136	178	242	258	217	0	167	150	230
15	165	80	165	179	142	225	253	219	0	153	152	198
16	86	175	159	136	153	224	247	213	0	134	153	201
17	143	194	171	195	138	197	245	216	0	198	187	197
18	178	171	163	204	173	181	268	198	0	0	181	198
19	180	185	157	222	189	181	206	194	0	0	170	206
20	181	129	162	228	209	154	257	183	0	71	210	211
21	179	185	167	237	184	103	284	199	0	101	366	210
22	179	195	166	266	204	177	269	170	0	108	198	267
23	179	203	171	243	213	164	262	177	0	107	213	281
24	179	220	179	225	151	174	237	182	0	102	173	217
25	179	190	191	201	199	149	220	190	136	115	181	205
26	179	190	193	164	194	105	270	0	208	125	184	192
27	165	195	202	203	202	236	247	0	207	109	196	190
28	160	193	220	205	239	321	416	0	201	67	247	182
29	150	194	214	186	251	300	315	0	200	52	224	185
30	130	205	207	212	---	228	310	0	194	38	202	184
31	180	---	198	230	---	229	---	0	---	76	151	---
Mean	166	174	167	204	203	231	279	196	38	89	177	217
Max.	191	220	220	266	251	399	416	369	208	184	366	368
Min.	86	58	36	136	138	103	206	0	0	0	68	150
A.F.	10210	10350	10260	12550	11660	14210	16590	12030	2270	5470	10870	12920

Total acre-feet 129400 A.F.

DAILY DIVERSIONS OF CANALS--1964
 FURMAN CANAL (Combined flow, North & South) from Niobrara
 River--Measured through rating flume--Sec. 29-29-50 W.

Date	May	June	July	Aug.	Sept.
1	0	2	0	0	2
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	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	1	0	0	0
10	0	0	0	0	0
11	0	0	0	1	0
12	0	0	0	1	0
13	0	0	0	1	0
14	0	0	0	1	0
15	0	0	0	1	0
16	0	0	0	1	0
17	2	0	0	1	0
18	2	0	0	1	0
19	2	0	0	1	0
20	0	0	0	1	1
21	0	0	0	4	1
22	0	0	0	6	1
23	1	0	0	3	1
24	4	0	0	3	1
25	3	0	0	3	1
26	2	0	0	3	2
27	3	0	0	2	2
28	3	0	0	2	2
29	5	0	0	2	2
30	7	0	0	2	2
31	6	-	0	2	-
Mean	1	0	0	1	1
Max.	7	2	0	6	2
Min.	0	0	0	0	0
A.F.	80	10	0	80	40

Water diverted 210 A.F.
 Acreage reported D-462-255

DAILY DIVERSIONS OF CANALS--1964
 GERING CANAL from North Platte River--Measured
 through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	129	169	202	95
2	0	129	166	195	105
3	0	122	155	172	113
4	0	105	157	175	127
5	0	105	160	176	115
6	0	100	162	169	116
7	0	84	187	178	113
8	0	78	187	179	109
9	0	80	228	178	106
10	0	78	221	178	102
11	0	84	212	178	107
12	0	97	216	179	108
13	0	102	216	172	110
14	0	78	212	177	0
15	0	67	208	176	0
16	0	72	195	155	0
17	0	72	207	163	0
18	0	72	212	193	0
19	0	78	220	157	0
20	0	110	220	157	0
21	0	115	237	159	0
22	0	115	220	164	0
23	0	109	220	166	0
24	0	102	221	158	0
25	82	105	220	160	0
26	94	102	205	156	0
27	99	106	188	155	0
28	122	115	202	167	0
29	109	169	207	178	0
30	122	166	210	187	0
31	122	---	203	157	-
Mean	24	102	201	171	48
Max.	122	169	237	202	127
Min.	0	67	155	155	0
A.F.	1490	6040	12380	10540	2830

Water diverted 33280 A.F.
 Pathfinder storage included
 Acreage reported A-365-14310

DAILY DIVERSIONS OF CANALS--1964
 GOTHENBURG CANAL from Platte River for Power and Irrigation
 Measured through Parshall flume--Sec. 23-12-26 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	6	99	122	213	139	145	146	159	198	148	398	91
2	9	35	123	171	132	162	148	159	148	172	396	102
3	19	32	125	160	91	146	140	159	164	195	396	80
4	29	38	144	154	85	125	156	159	183	256	402	70
5	15	79	148	140	75	164	165	153	150	267	398	91
6	154	116	154	126	87	154	156	140	122	283	402	103
7	55	112	128	125	88	119	151	133	76	304	405	78
8	33	119	64	108	90	119	162	136	71	318	409	72
9	28	119	48	78	123	146	162	144	90	364	409	169
10	28	105	130	66	135	151	161	136	133	371	402	151
11	58	98	136	76	87	161	154	161	123	379	398	136
12	112	115	187	70	94	159	154	145	118	383	396	140
13	96	121	235	71	82	162	156	151	119	396	383	108
14	93	122	332	124	72	154	159	102	154	396	383	87
15	102	125	280	237	49	156	154	96	145	388	364	99
16	107	125	301	221	60	150	148	87	136	407	362	156
17	109	123	288	213	71	151	146	75	170	396	262	144
18	111	119	290	196	93	170	156	66	150	398	231	128
19	105	133	256	189	68	121	159	76	145	396	246	136
20	99	138	224	166	82	68	161	70	172	394	172	114
21	119	146	190	166	79	100	153	62	181	400	161	103
22	125	159	270	164	88	112	161	138	222	398	146	72
23	128	142	264	133	90	146	159	192	233	396	79	102
24	129	138	252	126	102	112	151	175	233	405	9	98
25	126	129	232	70	103	80	159	195	133	394	4	87
26	126	123	215	130	72	162	145	239	104	392	78	122
27	108	144	204	118	80	126	150	239	119	385	61	125
28	103	148	199	130	87	153	159	250	99	385	54	112
29	118	130	202	116	119	173	159	220	98	383	85	91
30	125	126	170	125	---	161	156	235	126	385	103	80
31	123	---	185	136	---	161	---	235	---	385	94	---
Mean	87	115	197	139	90	141	155	151	144	352	261	108
Max.	154	159	332	237	139	173	165	250	233	407	409	169
Min.	6	32	48	66	49	68	140	62	71	148	4	70
A.F.	5350	6860	12090	8560	5200	8670	9220	9300	3560	21660	16020	6440

Water diverted 117930 A.F.

DAILY DIVERSIONS OF CANALS--1964
 GOTHENBURG IRRIGATION CANAL from Platte River
 Measured through Parshall flume--Sec. 28-12-26 W.

Date	May	June	July	Aug.	Sept.
1	0	45	80	255	11
2	0	45	63	263	29
3	0	69	74	261	13
4	0	61	67	267	32
5	0	38	59	264	54
6	0	35	93	273	32
7	0	27	129	277	1
8	0	68	208	273	33
9	0	84	249	271	46
10	0	91	242	266	50
11	0	38	261	263	63
12	0	61	259	242	54
13	0	80	245	218	28
14	0	103	245	204	38
15	0	80	256	161	68
16	16	108	268	149	97
17	1	119	258	25	67
18	4	87	276	30	36
19	38	80	266	37	56
20	41	100	270	6	43
21	57	78	274	0	49
22	107	39	269	0	33
23	89	36	275	0	63
24	46	36	273	0	59
25	66	35	260	0	47
26	62	63	253	36	71
27	50	57	244	0	36
28	31	0	245	10	26
29	19	54	244	52	0
30	50	58	250	44	0
31	75	—	250	14	—
Mean	24	62	216	134	41
Max.	107	119	276	277	97
Min.	0	0	59	0	0
A.F.	1490	3720	13300	8250	2450

Water diverted 29210 A.F.
 Sutherland Storage included
 Acreage reported D-645a-860; D-645b-17000;
 A-3716-4585; Total-22445

DAILY DIVERSIONS OF CANALS--1964
 GOTHENBURG POWER RETURN to Platte River
 Measured through section of canal--Sec. 9-11-25 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2	87	117	119	131	145	161	160	126	56	109	66
2	1	51	120	121	147	169	160	160	85	89	109	60
3	1	39	129	123	79	168	151	161	73	99	111	55
4	6	36	151	125	76	128	159	161	100	155	111	31
5	6	54	159	127	90	160	159	150	92	171	110	30
6	29	108	153	129	78	167	161	146	72	156	106	58
7	57	106	130	131	76	129	159	138	40	143	105	63
8	12	107	21	133	80	118	160	133	2	90	112	32
9	8	119	19	66	116	157	163	137	5	94	113	101
10	6	111	55	56	148	159	167	131	34	106	112	83
11	52	97	61	64	81	159	166	146	70	97	111	60
12	115	96	69	59	87	164	163	136	47	102	127	71
13	110	102	113	60	90	166	163	154	32	124	136	66
14	104	104	146	105	71	163	165	92	42	124	147	40
15	101	106	144	116	44	160	164	83	53	108	167	25
16	102	106	152	117	42	160	161	58	23	114	175	48
17	105	104	145	123	48	157	138	61	42	113	196	63
18	116	101	142	132	84	160	149	54	52	100	165	76
19	128	130	166	124	65	57	159	31	53	107	172	66
20	110	130	151	124	56	50	156	24	59	102	137	58
21	112	131	136	133	71	44	163	4	85	103	161	44
22	126	161	139	148	91	121	161	26	150	106	147	32
23	133	148	151	140	84	148	161	85	162	99	66	32
24	147	142	161	87	98	119	157	106	162	108	11	32
25	144	122	162	58	87	54	161	106	81	110	5	33
26	140	115	144	103	40	86	163	145	33	114	34	42
27	132	120	142	122	60	136	170	155	51	116	56	73
28	106	152	119	95	89	158	157	180	107	115	36	71
29	105	135	112	96	138	163	159	165	36	114	27	75
30	116	119	115	115	---	160	160	152	56	111	48	78
31	134	---	117	145	---	161	---	132	---	111	66	---
Mean	83	108	124	110	84	137	160	115	68	112	106	55
Max.	147	161	166	148	148	169	167	180	162	171	156	101
Min.	1	36	19	56	40	44	138	4	2	56	5	25
A.F.	5090	6430	7620	6740	4850	8420	9510	7080	4030	6860	6520	3300

Water returned 76450 A.F.

DAILY DIVERSIONS OF CANALS--1964
 GRAF CANAL from Blue Creek--Measured
 through Parshall flume--Sec. 19-15-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	11	12	0	10
2	10	0	5	11	0	9
3	10	0	5	11	2	8
4	9	0	5	3	3	8
5	10	0	5	1	4	9
6	9	0	5	3	1	11
7	9	0	5	10	0	13
8	7	0	5	12	0	12
9	0	0	4	0	0	14
10	0	0	4	0	1	14
11	0	0	4	0	1	14
12	0	0	4	9	1	17
13	0	0	3	14	0	17
14	0	0	3	9	0	17
15	0	0	3	0	0	18
16	0	0	3	0	1	21
17	0	0	5	0	2	23
18	0	0	8	0	1	24
19	0	0	10	0	0	25
20	0	3	10	0	0	25
21	0	13	11	0	7	23
22	0	8	12	0	0	17
23	0	3	11	0	10	13
24	0	1	8	0	14	11
25	0	3	8	0	16	13
26	0	7	9	0	11	10
27	0	10	12	0	11	11
28	0	18	13	2	13	11
29	0	20	16	3	11	10
30	0	22	13	3	11	10
31	0	23	--	1	10	--
Mean	2	4	7	3	4	15
Max.	10	23	16	14	16	25
Min.	0	0	3	0	0	8
A.F.	140	260	430	210	260	870

Water diverted 2170 A.F.
 Acreage reported D-763R-85; D-781R-15;
 D-788-1989; Total-2089

DAILY DIVERSIONS OF CANALS--1964
 HAIGLER CANAL from Republican River
 Measured through section of canal--Sec. 2-1-43 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	29	44	0	38	22	39	24	34
2	41	44	0	38	22	35	27	22
3	48	44	0	51	22	39	34	19
4	41	44	0	51	19	37	34	19
5	35	0	0	58	24	33	34	22
6	55	0	0	58	24	33	28	22
7	55	0	0	58	24	37	33	29
8	55	0	0	58	22	47	31	25
9	41	0	0	53	22	46	30	25
10	41	0	0	53	22	36	40	25
11	41	0	0	53	22	36	33	25
12	41	0	0	53	22	39	27	31
13	40	0	21	55	22	39	29	36
14	34	0	21	55	22	33	33	43
15	33	0	21	53	22	33	36	39
16	33	0	21	44	27	33	33	40
17	33	0	21	44	39	36	45	33
18	33	0	21	44	45	33	52	31
19	32	0	21	36	45	35	34	21
20	32	0	21	31	43	34	31	37
21	37	0	21	34	55	33	41	31
22	37	0	21	36	56	26	34	42
23	37	0	21	36	52	26	34	32
24	37	0	21	35	52	26	34	37
25	37	0	21	35	50	26	38	37
26	37	0	27	35	45	26	37	37
27	37	0	27	35	32	26	28	20
28	44	0	33	28	32	26	28	31
29	44	0	33	26	32	33	34	37
30	44	0	33	24	32	29	34	37
31	44	--	--	22	--	29	34	--
Mean	40	6	14	43	32	34	34	31
Max.	55	44	33	58	56	47	52	43
Min.	29	0	0	22	19	26	24	19
A.F.	2440	350	850	2640	1920	2060	2070	1820

Water diverted 14150 A.F.
 Supplemental storage included
 Acreage reported D-1025-Nebr-2019; Colo-651; Total-2670

DAILY DIVERSIONS OF CANALS--1964
 HARRIS-NEECE CANAL from Niobrara River
 Measured through rating flume--Sec. 3-28-55 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	14	0	15	8	8	8
2	0	12	0	15	8	8	8
3	0	12	0	14	8	8	8
4	0	12	0	14	7	8	7
5	0	6	0	13	6	8	6
6	0	0	0	12	6	8	5
7	4	0	0	12	6	8	6
8	10	0	0	13	6	8	6
9	10	0	0	12	6	8	6
10	10	0	0	11	6	8	7
11	9	0	0	11	6	7	7
12	6	0	0	10	7	7	7
13	9	0	0	9	6	8	6
14	8	0	0	10	6	8	6
15	12	0	0	10	6	8	6
16	12	0	2	10	5	8	6
17	12	0	2	10	5	8	6
18	12	0	5	9	4	8	7
19	12	0	10	9	4	7	7
20	13	0	11	9	2	7	7
21	13	0	11	9	0	7	7
22	12	0	10	10	0	8	7
23	13	0	10	9	4	7	7
24	12	0	13	9	10	7	7
25	12	0	14	9	10	8	7
26	12	0	14	9	10	8	7
27	12	0	14	9	8	8	8
28	12	0	14	9	8	8	9
29	12	0	15	8	8	8	8
30	12	0	16	9	8	8	7
31	12	--	15	--	8	8	--
Mean	9	2	6	11	6	8	7
Max.	13	14	16	15	10	8	9
Min.	0	0	0	8	0	7	5
A.F.	540	110	350	630	380	480	410

Water diverted 2900 A.F.
 Acreage reported D-517-600; A-2275-509; Total-1109

DAILY DIVERSIONS OF CANALS--1964
 GEO HITSHEW CANAL from Niobrara River
 Measured through rating flume--Sec. 6-28-52 W.

Date	May	June	July	Aug.	Sept.
1	0	4	3	1	1
2	0	3	2	0	0
3	0	2	2	0	0
4	0	2	2	0	1
5	0	3	2	0	2
6	0	4	1	0	2
7	0	4	1	0	2
8	0	3	1	0	2
9	0	3	1	0	2
10	0	3	1	0	2
11	0	3	1	0	2
12	0	3	1	0	2
13	0	3	1	0	2
14	0	3	2	1	2
15	0	3	2	3	2
16	0	3	2	3	2
17	0	3	2	4	2
18	0	3	3	3	2
19	0	3	2	2	2
20	0	3	2	2	2
21	0	3	3	2	2
22	4	4	3	2	2
23	4	3	3	2	2
24	4	3	3	2	2
25	4	4	2	2	2
26	3	4	2	2	2
27	3	4	1	2	3
28	2	4	1	2	3
29	3	4	3	2	3
30	4	3	3	3	2
31	3	--	3	2	--
Mean	1	3	2	1	2
Max.	4	4	3	4	3
Min.	0	2	1	0	0
A.F.	70	190	120	80	120

Water diverted 580 A.F.
 Acreage reported A-1260-180

DAILY DIVERSIONS OF CANALS--1964
HOOPER CANAL from Blue Creek--Measured
through 3-foot Parshall flume--Sec. 6-16-42 W.

Date	May	June	July	Aug.	Sept.
1	0	10	12	11	11
2	0	10	11	12	10
3	0	11	11	11	9
4	0	11	10	10	9
5	0	12	12	10	10
6	0	10	12	2	10
7	0	9	11	0	11
8	0	9	11	0	11
9	0	7	12	0	10
10	0	6	13	0	9
11	0	6	11	0	10
12	0	6	11	0	10
13	0	10	10	6	10
14	0	13	10	11	9
15	0	12	9	11	10
16	0	13	10	10	11
17	0	12	12	10	11
18	0	11	11	10	11
19	1	12	11	11	12
20	7	11	10	12	12
21	12	13	11	12	10
22	12	13	2	11	10
23	13	12	0	10	8
24	12	8	0	11	10
25	13	7	0	11	11
26	11	8	0	11	11
27	12	13	4	11	11
28	11	10	11	11	11
29	12	10	10	9	11
30	9	11	11	10	10
31	6	--	11	10	--
Mean	4	10	9	8	10
Max.	13	13	13	12	12
Min.	0	6	0	0	8
A.F.	260	610	560	500	610

Water diverted 2540 A.F.
Acreage reported D-781-858; D-788R-19;
Total-877

DAILY DIVERSIONS OF CANALS--1964
HUGHES CANAL from Niobrara River
Measured through rating flume--Sec. 1-28-52 W.

Date	May	June	July	Aug.	Sept.
1	0	1	1	0	0
2	0	1	1	0	0
3	0	1	0	0	0
4	0	1	0	0	0
5	0	1	1	0	0
6	0	1	1	0	0
7	0	1	1	0	0
8	0	0	1	0	0
9	0	0	1	0	0
10	0	0	1	2	0
11	0	0	1	3	0
12	0	0	1	4	0
13	0	0	1	4	0
14	0	0	1	4	0
15	0	0	1	3	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	2	0
21	0	2	0	2	0
22	0	3	0	2	0
23	0	3	0	2	0
24	0	3	0	2	0
25	0	3	0	2	0
26	0	2	0	2	0
27	2	1	0	1	0
28	2	2	0	1	0
29	1	2	0	1	0
30	1	1	0	1	0
31	1	--	0	0	--
Mean	0	1	0	2	0
Max.	2	3	1	4	0
Min.	0	0	0	0	0
A.F.	10	60	30	90	0

Water diverted 190 A.F.
Acreage reported D-987a-40; D-987b-20;
Total-60

DAILY DIVERSIONS OF CANALS--1964
HURLEY-LILLY-POLLY CANAL from Lodgepole Creek
Measured through rating flume--Sec. 26-15-56 W.

Date	May	June	July	Aug.	Sept.
1	0	3	0	1	2
2	0	3	0	1	2
3	0	3	0	2	2
4	0	3	0	2	2
5	0	3	0	1	2
6	0	3	0	1	2
7	0	2	0	1	2
8	0	2	0	1	2
9	0	2	0	1	2
10	0	2	3	1	2
11	0	2	3	1	2
12	0	2	3	1	2
13	0	2	4	1	2
14	0	2	3	1	2
15	0	2	3	1	2
16	0	3	3	2	2
17	0	2	2	2	2
18	0	4	2	1	2
19	0	3	2	2	1
20	3	3	2	1	0
21	3	3	1	1	0
22	3	3	1	2	0
23	3	2	1	2	0
24	3	2	1	2	0
25	3	2	1	2	0
26	3	2	1	2	0
27	3	2	1	2	0
28	3	1	2	2	0
29	3	2	2	2	0
30	3	2	2	2	0
31	3	--	2	2	--
Mean	1	2	1	1	1
Max.	3	4	4	2	2
Min.	0	1	0	1	0
A.F.	70	140	90	90	80

Water diverted 470 A.F.
Acreage reported D-354-180; A-481B-67;
Total-247

DAILY DIVERSIONS OF CANALS--1964
INTERSTATE CANAL from North Platte River
Measured through rating flume--Sec. 11-26-65 W., Wyo.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	863	0	888	0	1749	1964	1597
2	861	0	893	0	1868	1960	1571
3	858	0	888	0	1917	1960	1571
4	858	0	893	0	1944	1957	1574
5	855	0	902	0	2006	1973	1581
6	850	0	969	0	2003	1983	1584
7	844	0	1087	0	2026	1983	1594
8	842	0	1143	0	2066	1983	1594
9	839	0	1146	0	2056	1987	1594
10	842	178	1161	0	2053	1983	1647
11	836	586	1191	227	2043	1980	1640
12	836	861	1207	614	2013	1980	1630
13	844	871	1294	913	1980	1977	1607
14	847	869	1341	1201	1973	1977	1600
15	809	866	1357	1297	1973	1967	1597
16	584	874	1392	1300	1973	1964	1590
17	379	871	1491	1313	1970	1957	1557
18	173	869	1541	1344	1977	1957	1508
19	0	869	1590	1341	1973	1957	1481
20	0	871	1607	1337	1977	1957	1478
21	0	861	1643	1331	1947	1960	1495
22	0	863	1643	1256	1947	1914	1443
23	0	866	1640	1194	1931	1848	1447
24	0	871	1650	1213	1940	1855	1443
25	0	874	1640	1300	1944	1848	1443
26	0	880	1341	1322	1950	1795	1440
27	0	877	842	1418	1957	1769	1408
28	0	880	481	1431	1957	1762	1251
29	0	877	0	1551	1957	1686	1000
30	0	880	0	1643	1960	1627	648
31	0	--	0	--	1960	1623	--
Mean	446	577	1125	818	1967	1906	1487
Max.	863	880	1650	1643	2066	1987	1647
Min.	0	0	0	0	1749	1623	648
A.F.	27410	34340	69150	48690	120970	117210	88490

Water diverted 506260 A.F.
Pathfinder Storage included
Acreage reported A-768-Nebr-111699; A-768-Wyo-13375;
Total-125074

DAILY DIVERSIONS OF CANALS--1964
 JOHNSON CANAL from Niobrara River--Measured
 through 1½-foot Parshall flume--Sec. 35-31-57 W.

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

Water diverted 150 A.F.
 Acreage reported D-511-146

DAILY DIVERSIONS OF CANALS--1964
 KEARNEY CANAL from Platte River
 Measured through 15-foot Parshall flume--Sec. 33-9-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	258	256	207	0	0	0	106	117	222	212	52	209
2	249	199	209	0	0	0	117	21	232	130	44	146
3	254	232	201	0	0	0	124	17	263	117	44	205
4	256	308	199	0	0	0	106	54	249	95	60	115
5	244	308	201	0	0	0	39	70	129	88	74	73
6	240	301	205	0	0	0	155	16	122	95	76	92
7	242	305	205	0	0	0	177	14	173	177	60	117
8	238	301	92	0	0	0	160	19	293	254	56	207
9	242	191	0	0	0	0	153	44	258	256	50	218
10	238	174	0	0	0	0	141	56	226	162	63	232
11	251	169	0	0	0	0	149	76	201	134	86	224
12	267	264	0	0	0	0	148	67	177	209	63	244
13	267	282	0	0	0	0	141	69	136	280	80	139
14	267	282	0	0	0	0	136	58	170	250	86	67
15	265	209	0	0	0	0	134	80	267	254	98	141
16	254	100	0	0	0	0	110	82	258	269	108	258
17	267	139	0	0	0	30	112	80	254	260	124	230
18	201	193	0	0	0	98	106	106	240	185	157	187
19	158	193	0	0	0	107	107	199	232	146	294	117
20	105	207	0	0	0	55	137	181	224	125	247	162
21	219	180	0	0	0	6	137	137	249	124	230	272
22	244	105	0	0	0	4	130	124	249	96	96	276
23	236	76	0	0	0	55	127	122	278	94	146	276
24	229	76	0	0	0	4	130	115	317	69	269	278
25	153	154	0	0	0	4	101	118	336	58	265	280
26	160	187	0	0	0	2	118	122	312	56	269	283
27	203	189	0	0	0	52	144	124	258	67	278	287
28	258	205	0	0	0	100	146	142	242	79	238	287
29	272	203	0	0	0	94	185	146	258	112	115	287
30	280	214	0	0	-	90	173	172	258	102	136	296
31	285	---	0	0	-	98	---	173	---	73	234	---
Mean	236	207	49	0	0	26	132	94	236	150	135	207
Max.	285	308	209	0	0	107	185	199	336	280	294	296
Min.	105	76	0	0	0	0	39	14	122	56	44	67
A.F.	14480	12300	3010	0	0	1590	7830	5790	14030	9240	8330	12310

Water diverted 88910 A.F.; Sutherland Storage available;
 Acreage reported D-1023-3932; A-8399-1688; A-9844-1027; A-10168-320; Total-6967

DAILY DIVERSIONS OF CANALS--1964
KEARNEY POWER RETURN to Platte River
Measured in section of canal--Sec. 35-9-16 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	222	257	187	0	0	0	0	107	155	160	8	182
2	224	156	188	0	0	0	0	18	177	98	4	87
3	209	134	174	0	0	0	0	0	202	70	2	161
4	199	219	178	0	0	0	0	0	226	56	2	116
5	96	244	173	0	0	0	0	50	152	30	1	56
6	94	257	174	0	0	0	0	18	101	17	1	177
7	191	244	177	0	0	0	0	2	105	100	5	116
8	201	259	157	0	0	0	0	0	194	192	10	164
9	199	177	69	0	0	0	0	4	222	209	8	121
10	202	161	58	0	0	0	0	25	196	182	4	163
11	182	157	10	0	0	0	0	36	189	108	0	180
12	97	244	0	0	0	0	0	42	167	109	2	112
13	99	261	0	0	0	0	0	44	120	217	2	58
14	196	261	0	0	0	0	0	44	78	227	10	55
15	220	248	0	0	0	0	0	45	187	217	27	160
16	216	121	0	0	0	0	0	48	205	195	51	226
17	222	88	0	0	0	0	0	49	199	194	122	198
18	177	144	0	0	0	0	0	51	191	152	67	178
19	138	167	0	0	0	0	0	139	166	90	202	92
20	97	159	0	0	0	0	0	150	105	77	198	88
21	203	167	0	0	0	0	0	128	111	59	215	189
22	226	97	0	0	0	0	0	69	181	36	102	215
23	219	70	0	0	0	0	0	73	194	30	70	210
24	212	70	0	0	0	0	0	71	227	17	189	212
25	213	143	0	0	0	0	0	69	268	9	208	201
26	148	173	0	0	0	0	0	69	245	7	203	104
27	188	184	0	0	0	0	0	74	137	6	203	100
28	239	178	0	0	0	0	73	87	107	5	203	201
29	241	185	0	0	0	0	60	108	191	27	120	222
30	243	178	0	0	0	0	79	95	191	45	60	222
31	244	---	0	0	0	0	---	138	---	25	163	---
Mean	189	180	50	0	0	0	8	60	173	96	80	152
Max.	244	261	188	0	0	0	79	150	268	227	215	226
Min.	94	70	0	0	0	0	0	0	78	5	0	56
A.F.	11620	10720	3060	0	0	0	420	3680	10290	5880	4890	9060

Water returned 59610 A.F.

DAILY DIVERSIONS OF CANALS--1964
KEITH-LINCOLN COUNTY CANAL from North Platte River
Measured through Parshall flume--Sec. 18-14-36 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	53	77	85	76
2	9	0	46	81	26	77
3	10	0	45	78	0	83
4	13	0	34	67	0	85
5	16	42	33	75	0	85
6	21	48	37	76	0	85
7	25	49	34	75	0	84
8	25	51	45	71	0	77
9	26	50	54	67	0	84
10	29	48	45	57	0	85
11	29	48	51	58	0	85
12	29	48	59	51	0	84
13	29	46	67	51	0	84
14	30	48	71	56	0	83
15	30	49	67	31	27	86
16	30	46	70	2	60	86
17	30	47	74	21	60	79
18	30	78	75	35	52	76
19	21	78	76	48	82	73
20	11	74	91	84	78	67
21	22	73	91	87	84	61
22	21	81	92	87	77	58
23	20	84	49	84	75	56
24	21	87	72	84	76	41
25	20	79	75	85	76	44
26	14	80	75	85	76	47
27	4	80	75	83	76	42
28	4	77	76	83	75	53
29	4	67	77	85	78	58
30	3	56	82	86	64	59
31	0	55	---	87	75	---
Mean	19	54	63	68	42	71
Max.	30	87	92	87	85	86
Min.	0	0	33	2	0	41
A.F.	1170	3310	3750	4160	2580	4250

Water diverted 19220 A.F.
Kingsley Storage included
Acreage reported D-722-6146

DAILY DIVERSIONS OF CANALS--1964
KIRBALL CANAL from Lodgepole Creek
Measured through section of canal--Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	18	44	0
2	0	0	25	39	0
3	0	0	17	38	0
4	0	0	0	36	0
5	0	0	0	0	0
6	0	0	31	0	0
7	0	0	31	0	0
8	0	0	43	0	0
9	0	0	30	0	0
10	0	0	30	0	0
11	0	0	34	0	0
12	0	0	34	0	0
13	0	0	29	0	0
14	0	0	40	0	0
15	0	0	37	0	0
16	0	0	37	0	0
17	0	0	37	0	0
18	0	0	35	0	0
19	0	0	42	0	0
20	0	0	41	0	0
21	0	0	39	0	0
22	0	0	39	0	0
23	0	0	37	0	0
24	0	0	39	0	0
25	0	0	37	0	0
26	0	0	38	0	0
27	0	0	37	0	0
28	0	0	37	0	0
29	0	0	47	0	0
30	0	17	47	0	0
31	0	---	47	0	---
Mean	0	1	33	5	0
Max.	0	17	47	44	0
Min.	0	0	0	0	0
A.F.	0	40	2050	310	0

Water diverted 2400 A.F.
Acreage reported A-897-4500;
Oliver Storage included

DAILY DIVERSIONS OF CANALS--1964
 LABELLE CANAL from Niobrara River--Measured
 through rating flume--Sec. 6-28-54 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	5	3	0	3	4	3	0
2	5	3	0	3	3	1	0
3	4	3	0	4	3	0	0
4	3	3	0	4	3	0	0
5	3	3	0	4	2	0	0
6	4	4	0	4	1	0	0
7	4	4	0	4	1	0	0
8	4	5	0	4	0	0	0
9	4	5	0	5	0	0	0
10	4	5	0	4	0	1	0
11	4	5	0	4	0	5	0
12	4	5	2	4	0	4	0
13	4	5	5	4	0	4	0
14	4	5	5	4	0	3	0
15	4	5	5	4	0	3	0
16	4	5	6	4	0	3	0
17	4	5	6	4	0	3	0
18	4	6	6	4	0	3	0
19	4	5	5	4	0	0	0
20	5	3	4	4	3	2	0
21	5	0	3	1	6	3	0
22	4	0	2	1	4	4	0
23	4	0	2	1	5	3	0
24	4	0	1	0	4	4	0
25	4	0	1	1	3	4	1
26	4	0	2	1	3	3	3
27	4	0	2	1	3	3	3
28	4	0	2	1	3	3	3
29	4	0	3	3	3	2	2
30	4	0	3	4	3	0	1
31	4	-	3	-	3	0	-
Mean	4	3	2	3	2	2	0
Max.	5	6	6	5	6	5	3
Min.	3	0	0	0	0	0	0
A.F.	250	170	130	180	120	130	30

Water diverted 1010 A.F.
 Acreage reported D-518-140; A-60-220; Total-360

DAILY DIVERSIONS OF CANALS--1964
 LAKOTA CANAL from Niobrara River--Measured
 through 2-foot Farshall flume--Sec. 1-30-57 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	4	4	0	4	4	4	0	1
2	4	4	0	5	4	3	0	1
3	3	4	0	5	4	3	0	2
4	3	4	0	5	4	2	0	3
5	3	4	0	4	4	1	0	3
6	3	4	0	5	4	3	0	3
7	3	3	0	5	4	2	0	3
8	3	3	0	4	4	3	0	2
9	3	3	0	4	4	4	0	2
10	3	3	0	4	4	3	0	2
11	3	3	0	4	4	3	1	2
12	3	3	0	3	4	3	1	2
13	3	3	0	3	3	3	2	1
14	3	3	2	3	3	3	1	0
15	3	4	6	3	3	3	1	0
16	3	3	6	3	3	3	1	1
17	3	3	7	3	3	3	2	1
18	3	4	7	4	2	2	2	1
19	3	5	8	4	2	2	2	2
20	3	8	9	4	1	2	2	1
21	4	8	7	5	1	1	2	1
22	4	0	5	5	2	1	3	0
23	4	0	5	4	3	1	3	0
24	4	0	5	3	3	1	3	0
25	4	0	5	3	3	1	3	1
26	4	0	5	3	3	0	3	1
27	4	0	5	2	3	0	3	1
28	3	0	4	2	3	0	3	2
29	3	0	4	2	4	0	2	2
30	4	0	4	2	4	1	1	2
31	4	-	-	3	-	1	1	-
Mean	3	3	3	4	3	2	1	1
Max.	4	8	9	5	4	4	3	3
Min.	3	0	0	2	1	0	0	0
A.F.	210	170	190	220	190	120	80	80

Water diverted 1260 A.F.
 Acreage reported D-554-410

DAILY DIVERSIONS OF CANALS--1964
 LAST CHANCE CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 27-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	7	0	7	7	1	6
2	6	0	7	7	1	6
3	2	0	8	7	1	6
4	1	0	8	7	1	6
5	0	0	9	7	1	6
6	0	0	10	7	1	6
7	0	0	10	7	2	4
8	0	0	11	7	1	2
9	0	0	11	3	1	4
10	0	0	9	0	2	8
11	0	0	8	2	2	9
12	0	0	6	7	2	10
13	0	0	6	7	2	10
14	0	0	6	7	2	11
15	0	0	6	4	2	12
16	0	0	6	2	2	12
17	0	0	6	2	2	9
18	0	0	6	1	2	8
19	0	0	6	1	2	8
20	0	4	6	1	2	8
21	0	7	6	1	3	6
22	0	7	5	1	3	5
23	0	8	4	1	3	5
24	0	8	4	1	3	5
25	0	8	3	1	3	5
26	0	8	3	1	5	5
27	0	8	12	1	7	5
28	0	8	11	1	6	5
29	0	8	10	1	6	5
30	0	8	5	1	6	4
31	0	8	-	1	7	-
Mean	1	3	7	3	3	7
Max.	7	8	11	7	7	12
Min.	0	0	3	0	1	2
A.F.	30	180	430	200	170	400

Water diverted 1410 A.F.
 Acreage reported D-983-442

DAILY DIVERSIONS OF CANALS--1964
 LIGHTS CANAL from Niobrara River--Measured
 through Parshall flume--Sec. 27-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	4	2	2	0
2	0	4	2	2	0
3	0	4	1	2	0
4	0	4	1	2	0
5	0	4	2	2	0
6	0	4	1	2	0
7	0	4	1	1	0
8	0	4	2	1	0
9	0	4	2	2	0
10	0	4	2	2	0
11	0	4	1	1	0
12	0	4	1	1	0
13	0	4	1	1	0
14	0	4	2	1	0
15	0	4	3	0	0
16	0	4	4	0	0
17	0	4	5	0	0
18	0	4	4	0	0
19	0	4	3	3	0
20	0	4	3	2	0
21	0	4	2	1	0
22	0	4	2	1	0
23	0	4	3	0	0
24	0	3	3	0	0
25	3	0	2	0	0
26	3	0	2	0	0
27	3	3	2	1	0
28	3	3	1	0	0
29	3	2	1	0	0
30	4	2	2	0	0
31	4	-	4	0	-
Mean	1	4	2	1	0
Max.	4	4	5	3	0
Min.	0	0	1	0	0
A.F.	50	210	130	60	0

Water diverted 450 A.F.
 Acreage reported D-479-101; A-1086-180;
 A-1088-31; A-1152-17; A-2523-205;
 A-2837-102; A-3592-46; Total-682

DAILY DIVERSIONS OF CANALS--1964
LISCO CANAL from North Platte River
Measured over weir--Sec. 14-18-47 W.

Date	May	June	July	Aug.	Sept.
1	0	27	40	22	41
2	0	31	38	20	42
3	0	30	36	20	46
4	0	22	29	21	46
5	0	20	37	12	49
6	0	19	47	0	47
7	0	12	42	0	49
8	0	13	18	0	45
9	0	14	16	0	35
10	0	13	18	19	30
11	0	11	18	18	31
12	0	4	32	18	33
13	2	1	42	19	30
14	10	20	29	18	28
15	8	22	22	19	27
16	2	20	18	17	26
17	10	33	20	18	25
18	17	28	23	19	24
19	20	28	20	18	14
20	18	35	20	23	10
21	11	39	6	40	10
22	39	34	0	32	11
23	35	32	0	32	11
24	27	27	0	32	11
25	32	22	0	37	11
26	52	32	0	32	12
27	40	38	10	14	17
28	27	27	21	13	17
29	42	29	20	18	15
30	29	45	22	22	15
31	32	--	23	39	--
Mean	15	24	22	20	27
Max.	52	45	47	40	49
Min.	0	1	0	0	10
A.F.	900	1450	1320	1210	1600

Water diverted 6480 A.F.
Acreage reported D-856-1391; D-787R-914;
A-243R-736; A-991-216; A-4658-112;
A-5572-98; Total-3467

DAILY DIVERSIONS OF CANALS--1964
McGINLEY STOVER CANAL (South) from Niobrara River
Measured through rating flume--Sec. 25-29-56 W.

Date	May	June	July	Aug.	Sept.
1	0	0	1	0	0
2	0	0	0	0	0
3	0	0	1	0	0
4	0	0	1	0	0
5	0	0	1	0	0
6	0	0	1	0	0
7	0	0	1	0	0
8	0	0	1	0	0
9	0	0	1	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	2	0	0	0
20	0	4	0	0	0
21	0	4	0	0	0
22	0	4	0	0	0
23	1	4	0	0	0
24	0	4	0	0	0
25	0	3	0	0	0
26	0	2	0	0	0
27	0	2	0	0	0
28	0	2	0	0	0
29	0	1	0	0	0
30	0	1	0	0	0
31	0	--	0	0	--
Mean	0	1	0	0	0
Max.	1	4	1	0	0
Min.	0	0	0	0	0
A.F.	0	70	20	0	0

Water diverted 90 A.F.
Acreage reported D-513b-120

DAILY DIVERSIONS OF CANALS--1964
McGINLEY-STOVER CANAL (North) from Niobrara River
Measured through rating flume--Sec. 25-29-56 W.

Date	May	June	July	Aug.	Sept.
1	0	0	6	0	0
2	0	0	6	0	0
3	0	0	5	0	1
4	0	6	5	0	6
5	0	6	5	0	7
6	0	6	5	0	7
7	0	6	5	0	7
8	0	5	4	0	7
9	0	5	5	0	6
10	0	5	5	0	5
11	0	5	5	0	7
12	0	5	5	0	6
13	0	5	4	0	6
14	0	5	5	0	6
15	0	5	5	0	6
16	0	5	4	0	6
17	0	5	4	0	5
18	0	5	2	0	6
19	0	5	0	0	6
20	0	5	0	0	6
21	0	5	0	0	6
22	0	6	0	0	6
23	0	5	0	0	5
24	0	5	0	0	6
25	0	5	0	0	2
26	0	6	0	0	0
27	0	5	0	0	0
28	0	6	0	0	5
29	0	6	0	0	7
30	0	6	0	0	6
31	0	--	0	0	--
Mean	0	5	3	0	5
Max.	0	6	6	0	7
Min.	0	0	0	0	0
A.F.	0	280	170	0	300

Water diverted 750 A.F.
Acreage reported D-513a-575; D-980-86;
Total-661

DAILY DIVERSIONS OF CANALS--1964
McINTOSH CANAL from Lodgepole Creek
Measured through rating flume--Sec. 23-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	1	2	1
2	0	0	1	2	1
3	0	0	1	2	1
4	0	0	1	2	1
5	0	0	1	2	1
6	0	0	1	2	1
7	0	0	1	2	1
8	0	0	2	2	1
9	0	0	2	2	1
10	0	0	1	2	1
11	0	2	2	3	1
12	0	2	2	3	1
13	0	2	1	2	1
14	0	2	2	3	1
15	0	2	2	2	1
16	0	2	2	2	1
17	0	2	2	2	1
18	0	2	2	2	1
19	0	2	1	2	1
20	0	2	2	2	1
21	0	2	2	2	1
22	0	2	2	2	1
23	0	2	2	2	1
24	0	2	3	2	1
25	0	1	6	1	1
26	0	1	7	1	1
27	0	1	3	1	1
28	0	1	3	1	1
29	0	1	3	1	1
30	0	1	3	1	1
31	0	--	4	1	--
Mean	0	1	2	2	1
Max.	0	2	7	3	1
Min.	0	0	1	1	1
A.F.	0	70	140	110	60

Water diverted 380 A.F.
Acreage reported D-351-176; A-734-122;
Total-298

DAILY DIVERSIONS OF CANALS--1964
McLAUGHLIN CANAL from Niobrara River
Measured through rating flume--Sec. 9-28-52 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	4	3	3	3	2
2	2	0	4	3	3	4	3
3	1	0	4	3	3	4	3
4	0	0	3	3	3	4	3
5	0	0	3	3	3	4	2
6	0	0	4	3	3	4	2
7	0	0	4	3	3	4	2
8	0	0	4	3	3	4	1
9	0	0	4	3	3	4	1
10	0	5	4	3	3	3	1
11	0	7	4	3	3	3	1
12	0	7	4	3	3	3	1
13	0	6	4	3	3	3	1
14	0	6	4	3	3	3	1
15	0	4	4	3	3	2	2
16	0	1	4	3	3	2	2
17	0	1	4	3	3	1	2
18	0	1	4	3	3	1	2
19	0	1	4	3	3	1	1
20	0	1	3	3	3	1	2
21	0	1	3	3	3	1	1
22	0	2	2	3	3	1	1
23	0	3	3	3	3	1	1
24	0	4	5	3	3	1	1
25	0	5	3	3	3	2	2
26	0	6	3	3	3	2	2
27	0	6	3	3	2	2	1
28	0	3	3	3	2	2	1
29	0	3	3	3	2	2	2
30	0	3	3	3	2	2	2
31	0	-	3	-	3	2	-
Mean	0	3	4	3	3	2	2
Max.	3	7	5	3	3	4	3
Min.	0	0	2	3	2	1	1
A.F.	10	150	220	180	180	150	100

Water diverted 990 A.F.
Water diverted D-566-500

DAILY DIVERSIONS OF CANALS--1964
MEREDITH-AMMER CANAL from Pumpkinseed Creek
Measured through rating flume--Sec. 23-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	5	0	5	5	5	2
2	6	0	6	4	5	2
3	4	0	6	2	5	3
4	1	0	6	0	5	3
5	0	0	5	0	5	3
6	0	0	4	1	4	2
7	0	0	4	5	4	1
8	0	0	4	7	3	1
9	0	0	4	6	3	1
10	0	0	4	4	3	1
11	0	0	4	5	3	1
12	0	0	4	7	3	1
13	0	0	4	7	3	1
14	0	0	4	7	3	2
15	0	0	6	8	3	2
16	0	0	6	8	3	1
17	0	0	6	7	3	1
18	0	0	6	7	3	1
19	0	0	5	7	3	1
20	0	0	5	5	3	1
21	0	0	4	4	3	1
22	0	0	7	3	2	2
23	0	4	6	5	3	1
24	0	4	6	5	3	2
25	0	8	4	4	3	1
26	0	8	4	4	2	1
27	0	7	4	4	2	1
28	0	6	3	3	2	1
29	0	5	4	3	2	1
30	0	7	5	3	2	1
31	0	6	-	4	3	-
Mean	1	2	5	5	3	1
Max.	6	8	7	8	5	3
Min.	0	0	3	0	2	1
A.F.	30	110	290	290	200	80

*Water diverted 1000 A.F.
*Acreage reported D-876-435; *D-828-144;
Total-579
*Belmont appropriation carried by Meredith-Ammer for lands located west of Pumpkinseed Creek in Section 12-19-50 W.

DAILY DIVERSIONS OF CANALS--1964
MELKER-DRIFTWOOD CANAL from Republican River--Measured
through 12-foot Parshall flume--Sec. 8-2-33 W.

Date	May	June	July	Aug.	Sept.
1	0	71	134	218	149
2	0	68	162	216	158
3	0	68	201	240	158
4	0	67	218	269	155
5	0	56	230	311	145
6	0	48	274	323	142
7	0	48	287	318	142
8	0	44	293	306	127
9	0	40	266	303	113
10	0	42	212	288	113
11	0	45	146	282	111
12	0	45	116	282	108
13	0	45	94	280	108
14	0	45	75	244	100
15	0	49	90	222	101
16	0	54	98	222	91
17	0	55	121	220	76
18	53	55	130	206	57
19	55	55	130	190	49
20	63	54	164	80	49
21	74	54	208	18	42
22	87	54	254	36	44
23	92	54	268	39	47
24	93	54	282	56	48
25	92	55	287	64	41
26	97	55	287	68	38
27	100	56	287	71	38
28	100	54	293	87	38
29	89	76	290	98	39
30	76	109	264	97	13
31	76	----	234	124	--
Mean	37	56	206	186	88
Max.	100	109	293	323	158
Min.	0	40	75	18	13
A.F.	2280	3320	12680	11460	5240

Water diverted 34980 A.F.
Supplemental storage included
Acreage reported D-4,9,8 & 7-2773;
A-3869bR-3491; A-3887cR-97; A-6213-9491;
A-9690-257; A-9911-527; Total-16636

DAILY DIVERSIONS OF CANALS--1964
METTLEN CANAL from Niobrara River--Measured
through rating flume--Sec. 4-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	0	2	1	3
2	0	0	1	2	2
3	0	0	1	2	2
4	0	0	1	2	2
5	0	0	1	2	2
6	0	0	2	2	2
7	0	0	3	2	3
8	0	0	3	2	3
9	0	0	3	2	2
10	0	0	3	2	2
11	0	0	3	1	3
12	0	0	3	1	3
13	0	2	4	1	3
14	0	3	3	1	2
15	0	3	3	1	2
16	0	3	3	1	3
17	0	3	2	1	2
18	0	3	2	1	2
19	0	3	2	2	2
20	0	3	3	3	3
21	0	0	2	1	3
22	0	0	4	1	3
23	0	0	4	1	2
24	0	0	4	1	3
25	0	0	2	1	3
26	0	0	1	1	1
27	0	0	1	1	1
28	0	0	1	2	1
29	0	0	1	3	1
30	0	1	1	3	3
31	0	-	1	4	-
Mean	0	1	2	2	2
Max.	0	3	4	4	3
Min.	0	0	1	1	1
A.F.	0	50	140	100	130

Water diverted 420 A.F.
Acreage reported A-292-286; A-1248-53;
A-2244-80; Total-419

DAILY DIVERSIONS OF CANALS--1964

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 1 from Middle Loup River
Measured through rating flume--Sec. 14-19-18 W.

Date	May	June	July	Aug.	Sept.
1	0	22	14	43	34
2	0	22	14	45	35
3	0	20	15	37	35
4	0	19	14	44	35
5	0	19	17	42	35
6	0	21	23	42	33
7	0	23	27	42	29
8	0	22	18	43	26
9	0	21	17	42	26
10	0	21	16	43	23
11	0	22	15	44	22
12	0	25	18	44	21
13	0	25	21	42	19
14	0	26	19	43	19
15	0	23	19	43	19
16	0	23	19	42	18
17	0	24	18	41	6
18	0	20	23	41	0
19	20	21	28	42	0
20	30	24	32	38	0
21	30	23	37	39	0
22	29	20	41	40	0
23	27	18	39	40	0
24	26	16	44	37	0
25	24	13	43	36	0
26	23	14	44	36	0
27	22	16	43	36	0
28	23	15	46	35	0
29	22	14	46	34	0
30	23	14	44	34	0
31	22	--	44	34	-
Mean	10	20	28	40	14
Max.	30	26	46	45	35
Min.	0	13	14	34	0
A.F.	640	1200	1700	2470	860

Water diverted 6870 A.F.
Acreage reported A-2293-2351; A-2678-0;
A-3979a-748; A-3981a-220; A-3692-0; A-3930-50;
Total-3369

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 2 from Middle Loup River
Measured through rating flume--Sec. 14-19-18 W.

Date	May	June	July	Aug.	Sept.
1	0	16	17	57	22
2	0	16	14	60	21
3	0	17	13	56	20
4	0	19	13	59	20
5	0	20	15	55	22
6	0	22	21	52	19
7	0	22	27	56	19
8	0	23	10	52	19
9	0	24	11	52	18
10	0	26	13	57	18
11	0	25	12	54	18
12	0	31	12	51	18
13	0	33	12	49	17
14	0	30	12	47	17
15	0	5	16	45	6
16	0	27	20	42	0
17	0	19	22	39	0
18	0	29	24	37	0
19	0	23	25	36	0
20	0	22	28	28	0
21	0	18	40	25	0
22	0	15	40	25	0
23	0	15	40	25	0
24	0	16	54	25	0
25	23	16	56	26	0
26	33	16	55	25	0
27	31	15	54	25	0
28	22	15	56	23	0
29	20	15	59	23	0
30	16	16	60	23	0
31	16	--	60	23	-
Mean	5	20	29	40	9
Max.	33	33	60	60	22
Min.	0	15	10	23	0
A.F.	320	1210	1810	2480	540

Water diverted 6360 A.F.
Acreage reported A-2293-2568; A-2678-106;
A-3979b-1283; A-3981b-126; A-4131-16; A-6623-25;
Total-4124

DAILY DIVERSIONS OF CANALS--1964

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 3 from Middle Loup River
Measured through rating flume--Sec. 6-17-16 W.

Date	May	June	July	Aug.	Sept.
1	0	41	8	100	33
2	0	44	14	103	32
3	0	48	30	109	31
4	0	61	35	105	31
5	0	66	30	102	27
6	0	63	33	100	24
7	0	64	36	96	24
8	0	66	37	93	24
9	0	64	36	94	12
10	0	51	37	92	0
11	0	64	33	87	0
12	0	62	29	88	0
13	0	61	29	83	0
14	0	67	29	84	0
15	0	68	52	72	0
16	0	65	65	68	0
17	0	66	78	65	0
18	0	61	78	55	0
19	0	62	84	53	0
20	0	64	93	48	0
21	0	62	102	43	0
22	0	58	101	42	0
23	0	55	104	42	0
24	0	36	102	40	0
25	28	37	102	40	0
26	54	37	100	40	0
27	55	30	111	39	0
28	54	30	101	33	0
29	52	32	113	34	0
30	44	10	112	35	0
31	43	--	112	34	-
Mean	11	53	65	68	8
Max.	55	68	113	109	33
Min.	0	10	8	33	0
A.F.	650	3160	4020	4200	470

Water diverted 12500 A.F.
Acreage reported A-2293-4267; A-2678-110;
A-3979c-4791; A-3981c-82; A-4360-0; Total-9250

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 4 from Middle Loup River
Measured through rating flume--Sec. 31-18-16 W.

Date	May	June	July	Aug.	Sept.
1	0	38	23	125	28
2	0	39	45	130	31
3	0	44	41	128	31
4	0	41	41	128	30
5	0	40	42	129	31
6	0	40	41	118	30
7	0	40	41	118	30
8	0	39	41	122	12
9	0	36	49	118	0
10	0	36	53	118	0
11	0	38	51	116	0
12	0	42	52	118	0
13	0	48	51	124	0
14	0	49	48	122	0
15	0	45	53	122	0
16	0	42	53	118	0
17	0	42	56	86	0
18	0	39	52	67	0
19	0	39	68	68	0
20	20	35	107	72	0
21	52	32	108	65	0
22	48	12	124	50	0
23	42	2	125	48	0
24	43	2	126	46	0
25	41	1	127	46	0
26	38	1	128	41	0
27	37	1	127	40	0
28	37	1	126	40	0
29	38	1	124	35	0
30	38	1	126	32	0
31	38	-	132	32	-
Mean	15	29	77	88	7
Max.	52	49	132	130	31
Min.	0	1	23	32	0
A.F.	940	1720	4720	5400	440

Water diverted 13220 A.F.
Acreage reported A-2293-5843; A-2678-84;
A-3979d-2358; A-3981d-322; A-5139-132;
A-10175-55; A-10161-142; Total-8986

DAILY DIVERSIONS OF CANALS--1964

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
SPILLWAY CANAL NO. 1 returned to Middle Loup River
Sec. 27-18-17 W.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
SPILLWAY CANAL NO. 2 returned to Middle Loup River
Sec. 13-18-17 W.

Date	May	June	July	Aug.	Sept.
1	0	11	9	0	13
2	0	8	9	0	13
3	0	7	11	0	14
4	0	5	9	0	12
5	0	5	8	0	15
6	0	5	12	0	15
7	0	7	12	0	17
8	0	6	14	0	16
9	0	4	10	0	18
10	0	3	12	0	17
11	0	2	10	0	16
12	0	5	9	0	17
13	0	5	17	0	14
14	0	5	15	1	15
15	0	8	15	1	15
16	0	9	14	1	16
17	0	11	10	2	12
18	0	12	3	3	1
19	5	14	6	2	0
20	13	15	3	2	0
21	13	16	1	4	0
22	12	18	2	5	0
23	10	15	1	7	0
24	11	12	1	11	0
25	11	8	1	12	0
26	10	6	1	12	0
27	9	10	0	13	0
28	9	10	0	14	0
29	11	10	0	14	0
30	10	10	0	15	0
31	11	--	0	15	-
Mean	4	9	7	4	9
Max.	13	18	17	15	18
Min.	0	2	0	0	0
A.F.	270	520	430	270	510

Water returned 2000 A.F.

Date	May	June	July	Aug.	Sept.
1	0	6	9	9	11
2	0	4	9	10	10
3	0	2	6	10	10
4	0	4	5	12	10
5	0	4	5	15	12
6	0	6	7	12	11
7	0	6	9	12	10
8	0	5	5	10	9
9	0	6	0	12	10
10	0	7	1	11	9
11	0	4	5	11	10
12	0	3	3	9	10
13	0	3	4	9	10
14	0	4	4	10	10
15	0	3	4	14	12
16	0	6	5	13	2
17	0	5	5	15	0
18	0	2	6	14	0
19	0	8	4	13	0
20	0	9	3	12	0
21	0	10	5	10	0
22	0	9	1	12	0
23	0	7	0	12	0
24	0	7	1	13	0
25	0	8	4	13	0
26	0	8	9	13	0
27	11	7	5	13	0
28	11	6	1	12	0
29	9	7	2	12	0
30	8	8	6	13	0
31	4	-	8	12	-
Mean	1	6	5	12	5
Max.	11	10	9	15	12
Min.	0	2	0	9	0
A.F.	90	350	280	730	310

Water returned 1760 A.F.

DAILY DIVERSIONS OF CANALS--1964

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
SPILLWAY CANAL NO. 3 returned to Middle Loup River
Sec. 5-14-14 W.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
SPILLWAY CANAL NO. 4 returned to Middle Loup River
Sec. 10-14-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	3	10	18
2	0	0	2	7	15
3	0	0	4	10	15
4	0	0	15	12	12
5	0	0	20	17	13
6	0	2	13	17	15
7	0	1	11	13	14
8	0	1	13	13	14
9	0	1	15	15	16
10	0	2	17	17	6
11	0	1	20	15	0
12	0	5	17	17	0
13	0	6	14	15	0
14	0	6	6	15	0
15	0	8	5	21	0
16	0	9	2	15	0
17	0	15	1	20	0
18	0	17	1	22	0
19	0	18	1	17	0
20	0	22	5	25	0
21	0	23	2	18	0
22	0	25	1	15	0
23	0	24	3	16	0
24	0	21	2	13	0
25	0	18	2	12	0
26	0	17	3	13	0
27	2	17	8	14	0
28	10	12	6	15	0
29	6	13	4	14	0
30	3	15	11	14	0
31	2	--	11	16	-
Mean	1	10	8	15	5
Max.	10	25	20	25	18
Min.	0	0	1	7	0
A.F.	50	590	470	940	270

Water returned 2320 A.F.

Date	May	June	July	Aug.	Sept.
1	0	2	0	0	25
2	0	2	0	0	17
3	0	1	4	0	18
4	0	6	15	1	21
5	0	4	14	5	24
6	0	2	14	3	27
7	0	3	12	0	23
8	0	3	14	0	24
9	0	4	13	2	8
10	0	1	15	4	7
11	0	1	16	5	2
12	0	2	17	4	1
13	0	4	20	4	1
14	0	7	18	10	0
15	0	8	15	11	0
16	0	6	14	11	0
17	0	8	10	19	0
18	0	10	6	25	0
19	0	10	2	11	0
20	0	13	2	19	0
21	0	12	7	34	0
22	9	15	1	37	0
23	18	8	0	31	0
24	15	1	0	30	0
25	13	1	0	30	0
26	8	0	1	29	0
27	5	0	2	23	0
28	4	0	0	24	0
29	3	0	0	24	0
30	1	0	0	18	0
31	1	-	0	17	-
Mean	2	4	7	14	7
Max.	18	15	20	37	27
Min.	0	0	0	0	0
A.F.	150	270	460	850	390

Water returned 2120 A.F.

DAILY DIVERSIONS OF CANALS--1964

MIDDLE LOOP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1964

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	640	1200	1700	2470	860	6370
Canal No. 2.....	320	1210	1810	2480	540	6360
Canal No. 3.....	650	3160	4020	4200	470	12500
Canal No. 4.....	940	1720	4720	5400	440	13220
Total diverted.....	2550	7290	12250	14550	2310	38950
Returned through spillways:						
Canal No. 1.....	270	520	430	270	510	2000
Canal No. 2.....	90	350	280	730	310	1760
Canal No. 3.....	50	590	470	940	270	2320
Canal No. 4.....	150	270	460	850	390	2120
Total returned.....	560	1730	1640	2790	1480	8200
Net diverted.....	1990	5560	10610	11760	830	30750

DAILY DIVERSIONS OF CANALS--1964
MIDLAND-OVERLAND CANAL from North Platte River
Measured through Parshall flume--Sec. 2-16-44 W.

Date	May	June	July	Aug.	Sept.
1	0	18	21	0	19
2	0	19	21	0	21
3	0	20	23	0	21
4	0	21	22	0	22
5	0	20	19	0	22
6	0	9	12	0	22
7	0	8	8	0	22
8	0	9	7	0	22
9	0	9	0	0	22
10	0	9	0	0	22
11	0	10	0	0	22
12	0	7	0	0	23
13	0	2	3	0	23
14	0	2	5	0	24
15	0	1	0	0	24
16	0	5	0	0	24
17	0	7	0	0	25
18	0	7	0	0	26
19	1	6	0	0	36
20	1	5	0	0	33
21	7	7	0	0	16
22	9	8	0	8	14
23	7	9	0	15	12
24	4	9	0	19	10
25	6	9	0	17	11
26	19	8	0	13	11
27	23	9	0	16	10
28	24	10	0	22	9
29	25	9	0	20	9
30	25	15	0	19	10
31	23	--	0	18	--
Mean	6	10	4	5	20
Max.	25	21	23	22	36
Min.	0	1	0	0	9
A.F.	350	570	280	330	1160

Water diverted 2690 A.F.
Acreage reported D-789-1000; D-791-1104;
D-800 (O.D.A-1742)-110; Total-2214

DAILY DIVERSIONS OF CANALS--1964
MINATARE CANAL from North Platte River
Measured through rating flume--Sec. 32-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	38	0	100	37	106	100
2	37	0	90	44	107	96
3	35	0	88	51	108	93
4	32	0	85	61	105	93
5	31	0	84	57	99	101
6	30	0	82	59	99	103
7	29	0	81	65	101	107
8	29	2	81	74	104	105
9	30	0	78	89	99	104
10	29	0	76	92	100	101
11	26	13	72	91	98	103
12	23	26	68	84	98	108
13	21	28	68	83	100	113
14	20	34	71	84	100	112
15	10	28	70	108	99	111
16	0	36	69	119	103	108
17	0	47	64	116	102	110
18	0	48	62	115	103	116
19	0	57	61	105	105	118
20	0	58	59	101	103	128
21	0	69	58	108	105	131
22	0	78	51	107	96	111
23	0	74	49	102	96	93
24	0	78	48	101	96	95
25	0	110	47	99	94	109
26	0	123	45	98	92	124
27	0	145	42	101	88	131
28	0	138	41	103	88	119
29	0	118	41	107	89	120
30	0	105	46	104	98	105
31	0	107	--	103	98	--
Mean	14	49	66	89	99	109
Max.	38	145	100	119	108	131
Min.	0	0	41	37	88	93
A.F.	830	3020	3920	5490	6110	6480

Water diverted 25850 A.F.
Acreage reported D-919-9372
Optional diversion acreage not included

DAILY DIVERSIONS OF CANALS--1964
 MUDGE FLATS CANAL from Niobrara River--Measured
 through 10-foot Parshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	87	131	53
2	0	0	87	131	53
3	0	0	97	129	53
4	0	0	101	127	52
5	0	0	101	126	53
6	0	0	103	125	51
7	0	0	115	117	45
8	0	0	139	112	43
9	0	0	139	112	38
10	0	0	119	113	34
11	0	0	105	114	0
12	0	0	104	117	0
13	0	0	101	116	0
14	0	0	101	107	0
15	0	0	114	99	0
16	0	0	136	98	31
17	0	0	158	90	43
18	0	0	178	90	43
19	0	0	178	89	44
20	0	0	178	81	46
21	0	0	174	75	58
22	0	0	174	75	58
23	0	0	169	70	58
24	0	0	154	70	58
25	0	6	149	71	55
26	0	48	149	74	49
27	0	60	140	75	41
28	0	69	115	67	26
29	0	70	136	63	0
30	0	76	136	55	0
31	0	--	135	50	-
Mean	0	11	131	96	36
Max.	0	76	178	131	58
Min.	0	0	87	50	0
A.F.	0	652	8080	5890	2150

Water diverted 16770 A.F.
 Box Butte Reservoir storage included
 Acreage reported A-2683-9607; A-3729-2152;
 Total-11759

DAILY DIVERSIONS OF CANALS--1964
 MITCHELL CANAL from North Platte River--Measured
 through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	117	126	109	87
2	0	112	137	95	74
3	0	92	148	118	62
4	0	79	147	110	38
5	0	74	144	110	46
6	0	74	187	120	45
7	0	85	158	118	48
8	0	91	168	120	52
9	0	81	128	122	53
10	0	78	134	124	51
11	0	73	143	117	44
12	0	62	143	104	42
13	0	54	147	116	41
14	0	53	147	111	88
15	0	80	148	98	69
16	0	75	140	113	65
17	14	73	125	111	60
18	143	71	123	71	59
19	161	65	119	100	59
20	149	60	104	103	59
21	156	65	74	101	59
22	157	102	86	97	57
23	157	107	83	96	52
24	169	119	82	104	49
25	134	115	70	95	49
26	136	115	80	94	49
27	144	116	97	91	49
28	126	108	93	84	16
29	141	86	90	75	0
30	126	102	90	61	0
31	121	---	103	49	-
Mean	66	86	121	101	51
Max.	169	119	187	124	88
Min.	0	54	70	49	0
A.F.	4030	5140	7470	6220	3020

Water diverted 25380 A.F.
 Glendo storage included
 Acreage reported D-1052-13633

DAILY DIVERSIONS OF CANALS--1964
 MONTAGUE CANAL from Niobrara River--Measured
 through rating flume--Sec. 27-29-48 W.

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

Water diverted 100 A.F.
 Acreage reported A-575-32; A-2754-20;
 A-3923-42; Total-94

DAILY DIVERSIONS OF CANALS--1964
 MOORE-KAY CANAL from Niobrara River--Measured
 through rating flume--Sec. 9-28-53 W.

Date	May	June	July	Aug.	Sept.
1	0	5	5	0	4
2	0	5	4	0	4
3	0	6	4	0	4
4	0	5	4	0	5
5	0	6	3	0	5
6	0	6	3	0	3
7	0	6	3	0	4
8	0	6	3	0	4
9	0	6	3	2	4
10	0	6	3	2	4
11	0	6	3	2	4
12	0	5	3	2	4
13	0	5	3	2	4
14	0	5	1	2	4
15	0	5	0	2	4
16	0	5	0	2	4
17	0	5	0	3	4
18	2	5	0	2	4
19	6	4	0	2	4
20	6	4	0	2	5
21	5	4	0	3	5
22	5	7	0	3	5
23	5	7	0	3	5
24	5	7	0	3	6
25	6	6	0	3	6
26	6	6	0	2	6
27	6	6	0	3	6
28	6	6	0	4	6
29	6	5	0	4	6
30	7	5	0	4	6
31	6	--	0	4	--
Mean	2	6	1	2	5
Max.	7	7	5	4	6
Min.	0	4	0	0	4
A.F.	150	330	90	120	280

Water diverted 970 A.F.
 Acreage reported A-88-400

DAILY DIVERSIONS OF CANALS--1964
 NAPONEE CANAL from Republican River--Measured
 through Sparling Meter--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	12	31	0
2	0	0	17	28	0
3	0	0	26	30	0
4	0	0	31	32	1
5	0	0	32	34	2
6	0	0	37	34	2
7	0	0	45	34	2
8	0	0	45	35	2
9	0	0	45	34	2
10	0	0	45	33	1
11	8	0	45	33	1
12	12	0	45	32	0
13	12	0	45	30	0
14	11	0	45	26	0
15	10	0	45	21	0
16	10	0	45	17	0
17	10	0	45	17	0
18	10	0	45	18	0
19	10	0	45	16	0
20	10	0	45	7	0
21	10	0	44	0	0
22	10	0	43	0	0
23	10	0	43	0	0
24	10	0	43	0	0
25	6	0	43	0	0
26	0	0	43	0	0
27	0	0	43	0	0
28	0	0	43	0	0
29	0	6	40	0	0
30	0	11	37	0	0
31	0	--	36	0	--
Mean	5	1	40	17	0
Max.	12	11	45	35	2
Min.	0	0	12	0	0
A.F.	300	30	2460	1080	30

Water diverted 3900 A.F.
 Supplemental storage included
 Acreage reported A-4217-1358; A-6220-81;
 A-9463-87; A-9722-11; Total-1537

DAILY DIVERSIONS OF CANALS--1964
 NINE MILE CANAL from North Platte River
 Measured through rating flume--Sec. 17-21-53 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	42	0	71	66	94	77
2	43	0	67	70	96	76
3	43	0	61	74	94	73
4	43	0	61	46	67	73
5	43	12	61	42	45	74
6	43	25	63	43	47	74
7	40	26	61	40	44	73
8	39	26	66	42	39	72
9	38	25	67	61	35	72
10	37	25	65	49	34	70
11	35	26	63	51	34	70
12	35	33	63	52	33	71
13	34	40	65	49	35	75
14	36	40	72	48	36	72
15	36	40	65	47	36	72
16	37	47	71	46	35	74
17	39	56	77	45	35	73
18	40	56	80	46	48	71
19	39	62	79	47	66	71
20	39	69	79	47	73	71
21	36	63	81	18	79	70
22	32	61	63	0	78	66
23	33	36	17	0	74	66
24	33	15	49	0	75	65
25	33	9	59	0	76	67
26	28	5	54	0	75	64
27	20	32	58	0	76	57
28	0	53	65	51	76	56
29	0	62	65	83	75	56
30	0	66	66	85	77	61
31	0	70	--	88	78	--
Mean	32	35	64	43	60	69
Max.	43	70	81	88	94	77
Min.	0	0	17	0	33	56
A.F.	1980	2140	3830	2640	3690	4130

Water diverted 18410 A.F.; Natural 17577 A.F.;
 Storage 833 A.F.

NINE MILE CANAL from Nine Mile Drain
 Sec. 10-21-53 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	16	0	0	0
2	0	0	16	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	22	0	0
9	0	0	0	22	0	0
10	0	0	0	22	0	0
11	0	0	0	22	0	0
12	0	0	0	22	0	0
13	0	0	0	22	0	0
14	0	0	0	22	0	0
15	0	0	0	19	0	0
16	0	0	0	19	0	0
17	0	0	0	19	0	0
18	0	0	0	19	0	0
19	0	0	0	19	0	0
20	0	0	0	19	0	0
21	0	0	0	2	0	0
22	0	0	0	2	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	16	0	0	0	0
28	0	16	0	0	0	0
29	0	16	0	0	0	0
30	0	16	0	0	0	0
31	0	16	--	0	0	--
Mean	0	3	1	9	0	0
Max.	0	16	16	22	0	0
Min.	0	0	0	0	0	0
A.F.	0	160	60	540	0	0

Water diverted 760 A.F.

DAILY DIVERSIONS OF CANALS--1964

NINE MILE CANAL
Summary in Acre-feet--1964

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	1980	2140	3830	2640	3690	4130	18410
Nine Mile Drain.....	0	160	60	540	0	0	760
Totals.....	1980	2300	3890	3180	3690	4130	19170
Water diverted	19170 A.F. Total						
	18337 A.F. Natural						
	833 A.F. Storage						
Includes Glendo Storage							
Acreege reported	D-925-5618; O.D. P-262-71;						
	Total-5689						

DAILY DIVERSIONS OF CANALS--1964

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR-ORD CANAL from North Loup River
Measured through rating flume--Sec. 20-21-18 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
BURWELL-SUMTER CANAL from North Loup River
Measured through rating flume--Sec. 19-21-15 W.

Date	May	June	July	Aug.	Sept.
1	0	57	41	206	57
2	0	60	39	204	62
3	0	68	42	206	70
4	0	77	40	208	79
5	47	74	47	204	86
6	77	75	51	204	73
7	46	81	52	203	75
8	48	89	57	203	73
9	45	100	44	201	54
10	37	104	48	206	50
11	34	103	48	204	45
12	37	102	46	200	46
13	37	107	53	196	47
14	29	106	58	191	46
15	31	20	71	177	47
16	34	78	87	172	35
17	33	50	107	167	34
18	33	52	122	157	31
19	38	56	143	153	33
20	41	60	161	127	33
21	41	60	174	115	36
22	44	44	184	101	29
23	52	35	188	86	28
24	53	39	196	85	28
25	55	45	200	78	31
26	55	50	203	75	32
27	62	49	201	74	34
28	61	52	202	63	30
29	58	53	203	63	31
30	57	46	204	64	32
31	58	--	204	62	--
Mean	40	66	113	150	46
Max.	77	107	204	208	86
Min.	0	20	39	62	28
A.F.	2470	3950	6970	9230	2750

Water diverted 25370 A.F.
Acreege reported A-2155-183; A-2312-12540;
A-2417-183; A-3215a-811; A-3892-37; A-3980a-1142;
A-4400-29; A-6430-54; A-7600-0; A-8544-36;
A-10199-34; Total-15049

Date	May	June	July	Aug.	Sept.
1	0	39	25	109	35
2	0	41	26	110	33
3	0	44	26	114	32
4	0	44	26	117	32
5	0	49	26	116	21
6	0	51	27	113	4
7	0	56	27	117	4
8	0	63	26	113	18
9	0	71	23	111	21
10	0	67	25	111	20
11	60	63	27	113	19
12	19	61	26	113	19
13	17	66	32	113	11
14	17	78	31	111	0
15	19	43	35	107	14
16	21	50	36	107	22
17	27	36	41	104	20
18	29	37	49	103	17
19	31	37	62	104	18
20	36	42	94	83	18
21	35	34	111	61	17
22	38	23	111	59	16
23	46	18	111	56	14
24	45	20	112	50	14
25	52	24	115	40	14
26	53	31	118	39	13
27	53	28	118	48	12
28	46	28	115	54	13
29	40	31	109	41	14
30	39	29	111	41	14
31	39	--	116	40	--
Mean	25	43	62	88	17
Max.	60	78	118	117	35
Min.	0	18	23	39	0
A.F.	1510	2590	3840	5390	1030

Water diverted 14360 A.F.
Acreege reported A-2312-5683; A-3215b-1006;
A-3772-75; A-3828-39; A-3831-0; A-3980b-1167;
A-5133-50; A-6578-38; A-6943-16; A-9809-20;
Total-8094

DAILY DIVERSIONS OF CANALS--1964

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
ORD NORTH LOUP CANAL from North Loup River
Measured through rating flume--Sec. 36-19-14 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR ORD SPILLWAY at 10.88 returned to North Loup River
Measured through 8-foot weir--Sec. 33-21-17 W.

Date	May	June	July	Aug.	Sept.
1	0	36	24	98	28
2	0	36	24	99	28
3	0	36	25	98	25
4	0	38	27	81	24
5	0	38	31	54	16
6	0	38	36	52	0
7	0	39	43	49	0
8	0	40	56	60	0
9	0	41	54	57	8
10	0	41	52	61	0
11	0	42	51	60	0
12	0	44	49	52	0
13	0	45	51	47	0
14	45	48	52	47	0
15	26	26	52	49	0
16	28	34	53	47	0
17	28	28	63	46	0
18	28	27	68	38	0
19	28	28	77	33	0
20	30	29	87	30	0
21	33	25	94	24	0
22	37	20	97	22	0
23	40	12	97	22	0
24	38	20	97	22	0
25	39	21	96	20	0
26	38	26	99	20	0
27	38	30	99	8	0
28	38	28	100	0	0
29	38	26	96	0	0
30	36	24	98	0	0
31	36	--	98	19	-
Mean	20	32	66	42	4
Max.	45	48	100	99	28
Min.	0	12	24	0	0
A.F.	1240	1920	4060	2610	260

Water diverted 10090 A.F.
Acreage reported A-2312R-5745; A-3215c-299;
A-3672-0; A-3980c-513; A-4231-0; A-10209-87;
Total-6644

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

Water returned 30 A.F.

DAILY DIVERSIONS OF CANALS--1964

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR-ORD SPILLWAY AT 22.46 returned to North Loup River
Measured through 8-foot weir--Sec. 1-20-16 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR-ORD SPILLWAY AT 29.93 returned to North Loup River
Measured through 8-foot weir--Sec. 35-20-15 W.

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

Water returned 20 A.F.

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

Water returned 10 A.F.

DAILY DIVERSIONS OF CANALS--1964

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR-ORD SPILLWAY AT 33.90 returned to North Loup River via
Dane Creek--Measured through 3-foot weir--Sec. 16-19-14 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
TAYLOR-ORD SPILLWAY AT 34.06 returned to North Loup River
Measured through 6-foot weir--Sec. 17-19-14 W.

Date	May	June	July	Aug.	Sept.
1	0	6	7	2	7
2	0	6	7	2	7
3	0	4	7	2	6
4	0	5	7	2	2
5	0	6	7	3	3
6	0	6	7	2	6
7	0	6	6	2	6
8	4	6	5	2	6
9	7	4	7	3	6
10	7	3	7	3	6
11	7	2	7	3	5
12	7	3	7	3	5
13	6	4	6	3	5
14	6	5	5	3	5
15	6	5	5	3	6
16	6	2	4	3	6
17	6	7	5	3	5
18	6	6	4	3	4
19	6	6	3	3	4
20	6	7	3	4	3
21	6	7	1	6	2
22	6	7	1	5	3
23	6	6	1	6	4
24	6	6	1	6	2
25	6	6	2	6	2
26	6	6	1	6	2
27	6	6	2	6	2
28	6	6	2	6	2
29	6	7	2	6	2
30	6	7	2	7	2
31	6	-	2	7	-
Mean	5	5	4	4	4
Max.	7	7	7	7	7
Min.	0	2	1	2	2
A.F.	290	320	260	240	250

Water returned 1360 A.F.

Date	May	June	July	Aug.	Sept.
1	0	11	15	5	9
2	0	5	14	7	5
3	0	1	13	9	2
4	0	6	13	11	0
5	0	8	14	11	6
6	0	5	18	12	17
7	9	5	19	12	14
8	14	8	21	12	19
9	15	12	18	13	18
10	13	14	12	15	11
11	8	14	10	15	11
12	7	11	10	16	12
13	9	8	5	17	14
14	9	13	0	22	15
15	5	15	0	24	15
16	4	3	2	23	17
17	4	19	6	23	10
18	4	9	8	21	8
19	2	12	9	20	7
20	4	17	12	27	6
21	4	20	10	22	10
22	5	23	8	23	10
23	8	10	6	27	7
24	11	2	4	25	8
25	12	8	5	22	10
26	11	13	7	19	11
27	8	14	6	20	11
28	12	16	5	18	11
29	10	17	4	14	11
30	8	19	3	12	14
31	9	-	4	12	-
Mean	7	11	9	17	11
Max.	15	23	21	28	19
Min.	0	1	0	5	0
A.F.	410	670	560	1060	630

Water returned 3330 A.F.

DAILY DIVERSIONS OF CANALS--1964

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
BURWELL-SUNTER SPILLWAY AT 24.90 returned to North Loup River
Measured through 3-foot weir--Sec. 20-19-13 W.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
BURWELL-SUNTER SPILLWAY AT 25.04 returned to North Loup River
Measured through 5-foot weir--Sec. 17-19-13 W.

Date	May	June	July	Aug.	Sept.
1	0	8	11	6	10
2	0	7	9	6	7
3	0	6	9	5	8
4	0	4	8	5	8
5	0	5	8	5	9
6	0	6	10	3	7
7	0	6	11	5	1
8	0	6	11	5	1
9	0	6	10	6	1
10	0	7	8	7	9
11	0	6	9	8	7
12	3	5	11	8	8
13	3	4	11	8	8
14	2	5	12	8	4
15	2	11	12	7	1
16	1	10	12	7	3
17	2	14	12	8	11
18	4	12	9	8	11
19	5	11	6	9	10
20	4	14	8	10	11
21	4	16	7	10	10
22	4	16	4	10	9
23	4	8	2	10	7
24	7	5	3	9	7
25	9	6	5	6	7
26	10	7	6	1	5
27	11	11	6	1	3
28	12	8	6	7	5
29	10	10	5	11	7
30	8	11	5	11	5
31	8	-	6	11	-
Mean	4	8	8	7	7
Max.	12	16	12	11	11
Min.	0	4	2	1	1
A.F.	220	500	500	440	400

Water returned 2060 A.F.

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	1	0	0	0	0
13	2	0	0	0	0
14	1	0	1	0	0
15	1	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	1	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	2	0
30	0	2	0	0	0
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	2	2	1	2	0
Min.	0	0	0	0	0
A.F.	10	10	0	0	0

Water returned 20 A.F.

DAILY DIVERSIONS OF CANALS--1964

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 ORD-NORTH LOUP SPILLWAY AT 4.80 returned to North Loup River ORD-NORTH LOUP SPILLWAY AT 11.71 returned to North Loup River
 Measured through 8-foot weir--Sec. 32-19-13 W. Measured through 8-foot weir--Sec. 27-18-13 W.

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

Water returned 0 A.F.

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	10	0
5	0	0	0	4	20
6	0	0	0	4	0
7	0	0	0	1	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	2	0
12	0	0	0	1	0
13	0	0	0	0	0
14	6	0	0	0	0
15	3	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	2	0
19	0	0	0	1	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	4	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	-
Mean	0	0	0	0	1
Max.	6	4	0	10	20
Min.	0	0	0	0	0
A.F.	20	10	0	50	40

Water returned 120 A.F.

DAILY DIVERSIONS OF CANALS--1964

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 ORD-NORTH LOUP SPILLWAY AT 16.69 returned to North Loup River
 Measured through 3-foot weir--Sec. 8-18-12 W.

Date	May	June	July	Aug.	Sept.
1	0	8	8	8	2
2	0	8	7	7	11
3	0	6	5	9	12
4	0	6	5	13	11
5	0	7	6	12	13
6	0	6	7	13	6
7	0	8	5	8	2
8	0	8	8	11	1
9	0	8	10	13	1
10	0	8	8	13	1
11	0	7	8	13	0
12	0	6	11	12	0
13	0	5	10	11	0
14	0	8	12	8	0
15	2	6	10	5	0
16	7	10	10	6	0
17	7	10	8	10	0
18	7	8	7	12	0
19	5	8	7	12	0
20	5	10	6	14	0
21	4	11	5	13	0
22	5	14	5	12	0
23	5	4	6	13	0
24	6	3	6	13	0
25	6	5	6	9	0
26	5	10	7	7	0
27	6	11	7	8	0
28	6	13	8	5	0
29	7	11	8	1	0
30	7	11	8	1	0
31	8	--	8	1	-
Mean	3	8	7	9	2
Max.	8	14	12	14	13
Min.	0	3	5	1	0
A.F.	190	480	460	580	120

Water returned 1930 A.F.

DAILY DIVERSIONS OF CANALS--1964

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1964

	May	June	July	Aug.	Sept.	Total
Diversions:						
Taylor-Ord.....	2470	3950	6970	9230	2750	25370
Burwell-Sumter.....	1510	2590	3840	5390	1030	14360
Ord-North Loup.....	1240	1920	4060	2610	260	10090
Total diversion.....	5220	8460	14870	17230	4040	49820
Returned through spillways:						
Taylor-Ord.....	750	1000	820	1300	880	4750
Burwell-Sumter.....	260	530	500	460	400	2150
Ord-North Loup.....	210	490	460	630	160	1950
Total returned.....	1220	2020	1780	2390	1440	8850
Net diverted.....	4000	6440	13090	14840	2600	40970

DAILY DIVERSIONS OF CANALS--1964

NORTH PLATTE CANAL from North Platte River
Measured through 15-foot Marshall flume--Sec. 18-14-33 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	0	45	138	197	250	166
2	7	0	51	66	200	250	175
3	6	0	51	4	198	250	186
4	6	0	53	6	198	249	192
5	4	0	50	6	201	247	222
6	4	0	54	40	204	246	222
7	3	0	46	131	204	239	198
8	4	0	58	130	201	235	197
9	4	0	62	138	201	236	188
10	5	0	66	130	194	228	170
11	5	0	63	112	194	219	177
12	5	0	63	112	192	219	144
13	5	0	67	135	197	222	123
14	5	0	61	147	201	221	115
15	5	0	49	142	203	221	120
16	2	0	47	124	206	222	138
17	0	0	43	126	203	200	126
18	0	0	53	129	203	174	122
19	0	0	147	143	203	181	122
20	0	0	183	143	219	167	118
21	0	0	174	130	246	144	112
22	0	3	174	124	253	135	87
23	0	13	188	111	252	125	92
24	0	37	175	104	255	123	86
25	0	30	175	105	255	119	76
26	0	39	157	119	253	134	114
27	0	43	140	120	252	134	117
28	0	37	133	129	252	129	126
29	0	39	133	143	250	133	90
30	0	39	111	157	252	135	96
31	0	--	76	--	252	140	--
Mean	2	9	95	111	219	191	141
Max.	7	43	188	157	255	250	222
Min.	0	0	43	4	192	119	76
A.F.	150	560	5850	6630	13470	11760	8360

Water diverted 46780 A.F.
Kingsley Storage included
Acreage reported D-635-14067

DAILY DIVERSIONS OF CANALS--1964

NORTHPORT CANAL from North Platte River--Measured
through section of Tri-State Canal--Sec. 10-23-58 W.

Date	May	June	July	Aug.	Sept.
1	0	157	97	144	109
2	0	132	74	154	9
3	0	121	100	149	0
4	0	119	126	163	45
5	0	98	116	154	10
6	0	65	91	150	17
7	0	42	142	148	15
8	0	72	190	165	9
9	0	75	182	176	0
10	0	65	183	177	0
11	0	38	169	175	0
12	0	47	139	159	0
13	0	80	151	177	29
14	0	68	125	170	35
15	0	58	115	148	28
16	0	48	144	155	38
17	0	17	172	174	3
18	82	2	146	177	0
19	82	0	160	171	0
20	53	38	170	167	5
21	81	39	178	158	1
22	83	56	175	164	0
23	107	46	184	196	0
24	152	116	184	202	19
25	140	80	165	182	90
26	43	52	160	136	82
27	61	43	157	136	80
28	47	26	167	150	14
29	35	95	177	148	0
30	86	116	173	140	0
31	135	---	144	143	-
Mean	38	67	150	156	21
Max.	152	157	190	202	109
Min.	0	0	74	136	0
A.F.	2350	3990	9240	9930	1270

Water diverted 26780 A.F.

DAILY DIVERSIONS OF CANALS--1964
NORTHPORT CANAL from Drains
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	99	115	166	194
2	0	91	109	170	193
3	0	94	114	175	174
4	0	91	115	167	193
5	0	90	117	170	193
6	0	103	117	166	193
7	0	111	121	170	193
8	0	111	128	175	196
9	0	108	132	172	199
10	0	109	135	171	183
11	0	108	138	171	199
12	0	109	145	175	194
13	0	108	146	176	198
14	0	96	147	173	199
15	0	95	145	175	198
16	0	103	147	175	198
17	66	119	146	174	201
18	82	125	145	171	196
19	89	118	148	172	205
20	101	126	148	171	207
21	102	134	152	176	209
22	100	137	153	182	186
23	101	128	156	154	168
24	101	125	154	146	121
25	103	124	158	158	47
26	113	127	160	188	46
27	116	127	159	188	47
28	117	130	161	190	48
29	121	129	161	190	14
30	126	120	165	194	0
31	123	---	166	193	-
Mean	50	113	142	174	160
Max.	126	137	166	194	209
Min.	0	90	109	146	0
A.F.	3100	6730	8730	10700	9510
Water diverted 38770 A.F.					

DAILY DIVERSIONS OF CANALS--1964

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet--1964

Diverted from:	Section	May	June	July	Aug.	Sept.	Total
	Township						
	Range						
North Platte River	10-23-58	2350	3990	9240	9930	1270	26780
*Sheep Creek	17-23-57	1830	4150	4430	5690	4520	20620
*Akers Draw	17-23-57	360	580	670	770	660	3040
*Tub Springs	27-33-55	600	1070	2110	1900	1630	7310
*Spotted Tail, Dry	9-23-56	0	260	830	1210	1090	3390
*Spotted Tail, Wet	10-23-56	310	670	690	1130	1610	4410
*Hoffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		5450	10720	17970	20630	10780	65550

Water diverted 65550 A.F.
Acreage reported A-768-16109

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

DAILY DIVERSIONS OF CANALS--1964
 ORCHARD-ALFALFA CANAL from Platte River
 Measured through Parshall flume--Sec. 9-19-24 W.

Date	May	June	July	Aug.	Sept.
1	0	23	34	59	26
2	0	22	34	60	24
3	0	20	29	63	24
4	0	2	32	67	25
5	0	2	34	70	26
6	0	2	38	71	28
7	0	2	41	68	28
8	0	2	45	64	29
9	0	1	38	57	29
10	0	1	37	56	29
11	0	5	39	57	29
12	0	19	39	60	8
13	0	30	33	57	0
14	0	35	35	48	0
15	0	32	38	49	0
16	0	32	40	46	0
17	0	26	48	34	0
18	6	26	59	29	0
19	20	23	67	18	0
20	22	23	70	12	0
21	20	26	70	0	0
22	19	28	72	0	0
23	19	16	71	0	0
24	20	11	73	0	0
25	20	18	70	0	0
26	19	36	65	0	0
27	20	31	55	0	0
28	21	36	53	12	0
29	21	33	58	30	0
30	20	32	57	25	0
31	22	--	56	25	-
Mean	9	20	49	37	10
Max.	22	36	73	71	29
Min.	0	1	29	0	0
A.F.	530	1180	3030	2260	610

Water diverted 7610 A.F.
 Sutherland Storage included
 Acreage reported D-627-5980

DAILY DIVERSIONS OF CANALS--1964
 OSHKOSH CANAL from North Platte River
 Measured through Parshall flume--Sec. 33-17-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	2	2	0	3
2	10	0	2	17	0	4
3	9	0	2	16	0	4
4	9	0	2	13	0	4
5	9	0	2	11	0	7
6	8	0	2	6	0	7
7	8	0	2	6	0	6
8	8	0	2	4	0	8
9	8	0	6	0	0	10
10	8	0	8	0	0	10
11	7	0	8	0	0	9
12	8	0	8	0	0	9
13	8	0	8	0	0	10
14	8	0	8	0	0	11
15	8	0	10	0	0	12
16	8	0	11	0	0	14
17	8	0	10	0	0	15
18	5	0	9	0	0	16
19	0	0	7	0	0	17
20	0	0	6	0	0	17
21	0	0	6	0	0	16
22	0	0	6	0	0	16
23	0	0	8	0	0	13
24	0	0	4	0	0	13
25	0	0	6	0	0	15
26	0	0	9	0	2	15
27	0	0	7	0	2	16
28	0	1	6	0	2	16
29	0	2	4	0	2	17
30	0	2	3	0	2	16
31	0	2	-	0	2	--
Mean	5	0	6	2	0	12
Max.	10	2	11	17	2	17
Min.	0	0	2	0	0	3
A.F.	290	10	350	150	20	690

Water diverted 1510 A.F.
 Acreage reported D-797-1442

DAILY DIVERSIONS OF CANALS--1964
 OWASCO CANAL from Lodgepole Creek--Measured
 through rating flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	3	4	3
2	0	0	4	5	4
3	0	0	3	3	4
4	0	0	3	3	4
5	0	0	3	3	5
6	0	0	3	2	5
7	0	0	4	3	6
8	0	0	6	3	6
9	0	0	5	3	6
10	0	0	10	3	6
11	0	0	10	3	6
12	0	0	6	4	6
13	0	0	5	4	6
14	0	0	7	4	5
15	0	0	7	5	7
16	0	3	6	5	6
17	0	3	8	6	6
18	0	4	10	3	5
19	0	4	7	3	1
20	0	5	7	3	1
21	0	6	6	3	2
22	0	5	6	3	1
23	0	6	4	3	1
24	0	6	4	3	1
25	0	5	5	3	1
26	0	6	5	3	2
27	0	4	5	3	2
28	0	3	4	3	2
29	0	3	4	3	2
30	0	3	4	2	2
31	0	-	5	2	-
Mean	0	2	5	3	4
Max.	0	6	10	6	7
Min.	0	0	3	2	1
A.F.	0	130	340	200	230

Water diverted 900 A.F.
 Acreage reported D-347R-83; A-725-689;
 Total-772

DAILY DIVERSIONS OF CANALS--1964
 PAISLEY CANAL from Blue Creek--Measured
 through 4-foot Parshall flume--Sec. 6-16-42 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	9	0	2	14	16	2	0
2	9	0	3	14	14	1	0
3	9	0	3	13	14	1	0
4	4	0	4	15	15	1	0
5	0	0	4	15	15	1	0
6	0	0	4	14	12	1	0
7	0	0	4	13	6	1	0
8	0	0	6	14	6	1	0
9	0	0	7	15	4	0	0
10	0	0	5	14	1	0	0
11	0	0	5	14	0	0	0
12	0	0	5	14	0	0	0
13	0	0	7	14	5	0	0
14	0	0	14	15	7	0	0
15	0	0	17	16	8	0	0
16	0	0	18	13	8	0	0
17	0	0	19	13	7	0	0
18	0	0	21	13	5	0	0
19	0	0	21	13	5	0	0
20	0	0	14	14	4	0	0
21	0	5	14	17	3	0	6
22	0	6	15	13	2	0	8
23	0	6	14	11	2	0	13
24	0	6	13	13	2	0	11
25	0	6	8	14	3	0	11
26	0	7	9	13	2	0	12
27	0	7	11	14	3	0	9
28	0	3	11	15	2	0	10
29	0	0	12	14	2	0	10
30	0	0	13	14	2	0	11
31	0	-	13	--	2	0	--
Mean	1	2	10	14	6	0	3
Max.	9	7	21	17	16	2	13
Min.	0	0	2	11	0	0	0
A.F.	60	90	630	830	350	20	200

Water diverted 2180 A.F.
 Crescent Lake water included
 Acreage reported D-800-815; A-515-95; A-1738-176;
 Total-1086

DAILY DIVERSIONS OF CANALS--1964
 PAXTON-HERSHEY CANAL from North Platte River
 Measured through Parshall flume--Sec. 18-14-33 W.

Date	May	June	July	Aug.	Sept.
1	0	51	76	25	89
2	0	51	88	0	64
3	0	53	75	0	47
4	0	53	64	0	65
5	0	40	62	0	71
6	0	13	69	0	73
7	0	20	64	0	104
8	0	15	56	0	105
9	0	43	56	0	106
10	0	48	50	0	99
11	0	43	32	0	94
12	0	41	26	0	96
13	14	38	30	0	95
14	18	49	35	0	95
15	18	46	58	0	81
16	21	39	70	0	79
17	19	39	75	36	67
18	20	48	74	69	60
19	26	64	74	86	61
20	30	65	76	78	64
21	33	85	75	78	63
22	26	67	81	79	56
23	53	58	82	68	53
24	71	52	81	72	55
25	79	51	69	74	49
26	84	57	67	79	51
27	82	47	64	88	74
28	74	41	54	89	76
29	62	44	41	88	71
30	56	48	42	89	60
31	53	--	43	89	--
Mean	27	47	62	38	74
Max.	84	85	88	89	106
Min.	0	13	26	0	47
A.F.	1670	2790	3790	2350	4410

Water diverted 15010 A.F.
 Kingsley Storage included
 Acreage reported D-653-7358

DAILY DIVERSIONS OF CANALS--1964
 PIONEER CANAL from Niobrara River--Measured
 through rating flume--Sec. 36-29-51 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	5	9	0	9	8	3	0
2	5	2	0	10	7	3	0
3	7	0	0	9	7	3	0
4	8	0	0	9	7	3	0
5	9	0	0	9	6	4	0
6	9	0	0	8	5	3	0
7	9	0	3	9	5	3	1
8	9	0	1	8	5	3	1
9	8	0	4	8	5	3	1
10	8	0	7	7	5	2	1
11	8	0	9	7	5	3	1
12	9	0	9	6	5	3	1
13	9	0	9	7	5	3	1
14	8	0	9	11	3	3	1
15	8	0	9	13	3	3	1
16	8	0	9	9	3	4	1
17	4	0	9	0	5	4	1
18	9	0	9	0	5	4	0
19	10	0	11	0	4	4	1
20	11	0	10	1	4	4	4
21	10	0	9	5	4	2	5
22	12	0	9	6	3	0	5
23	14	0	9	6	3	0	4
24	14	0	7	6	3	0	4
25	10	0	7	7	3	0	4
26	10	0	7	7	3	0	4
27	10	0	7	6	3	0	4
28	10	0	7	5	3	0	4
29	10	0	9	6	3	0	5
30	10	0	9	9	3	0	4
31	9	-	9	-	3	0	-
Mean	9	0	6	7	4	2	2
Max.	14	9	11	13	8	4	5
Min.	5	0	0	0	3	0	0
A.F.	560	20	390	400	270	130	120

Water diverted 1890 A.F.
 Acreage reported D-442a-605; A-3812-55; A-4599-15;
 A-5010-192; Total-867

DAILY DIVERSIONS OF CANALS--1964
 POTMESIL CANAL from Niobrara River--Measured
 through 3-foot Parshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	8	6	7	6
2	0	8	7	7	6
3	0	8	7	7	6
4	0	8	6	7	7
5	0	8	6	7	7
6	0	8	6	3	7
7	0	7	6	0	7
8	0	7	6	0	7
9	0	7	6	0	7
10	0	7	6	0	7
11	1	7	7	5	7
12	0	7	7	6	7
13	0	7	6	6	7
14	5	7	6	6	7
15	8	7	6	7	7
16	8	7	6	7	6
17	8	7	6	7	6
18	8	7	6	7	6
19	9	6	6	7	6
20	9	4	7	7	2
21	9	6	9	7	4
22	9	7	8	7	8
23	8	7	8	7	7
24	7	7	6	7	7
25	7	7	9	7	7
26	8	7	9	7	7
27	8	7	9	6	7
28	8	6	7	7	4
29	8	6	6	7	0
30	9	6	7	7	0
31	9	-	7	6	-
Mean	5	7	7	6	6
Max.	9	8	9	7	8
Min.	0	4	6	0	0
A.F.	290	410	420	350	360

Water diverted 1830 A.F.
 Acreage reported A-2566-473

DAILY DIVERSIONS OF CANALS--1964
 RAISCHORN CANAL from North Platte River
 Measured over 15-foot weir--Sec. 19-23-57 W.

Date	Oct.	Nov.	June	July	Aug.	Sept.
1	11	0	13	8	26	15
2	12	0	11	12	24	15
3	11	0	21	16	24	15
4	11	0	26	16	28	14
5	11	0	26	15	27	14
6	9	0	19	16	28	15
7	9	0	17	18	26	15
8	9	0	17	21	25	15
9	8	0	17	23	25	15
10	8	0	17	27	25	15
11	8	0	17	21	25	17
12	7	0	17	21	23	21
13	4	0	17	21	23	22
14	4	0	20	21	22	28
15	3	0	14	22	24	25
16	0	0	12	24	22	22
17	0	0	14	24	21	19
18	0	0	14	24	20	14
19	0	8	13	22	18	15
20	0	12	13	12	18	15
21	0	15	13	0	18	15
22	0	19	13	0	17	15
23	0	21	13	0	18	15
24	0	20	13	2	18	15
25	0	19	13	13	19	4
26	0	20	13	29	21	1
27	0	22	11	31	22	2
28	0	22	9	31	22	5
29	0	26	9	30	22	8
30	0	19	8	25	22	8
31	0	9	-	27	22	-
Mean	4	7	15	18	22	14
Max.	12	26	26	31	28	28
Min.	0	0	8	0	17	1
A.F.	250	460	390	1130	1380	860

Water diverted 4970 A.F.
 Acreage reported D-945-1651

DAILY DIVERSIONS OF CANALS--1964
 RED WILLOW CANAL from Red Willow Creek
 Measured through orifice check--Sec. 25-4-29 W.

Date	May	June	July	Aug.	Sept.
1	0	3	17	58	9
2	0	3	19	58	20
3	0	3	28	58	23
4	0	3	34	59	23
5	0	4	35	67	23
6	0	5	41	72	23
7	0	5	39	66	23
8	0	5	38	62	23
9	0	7	39	62	23
10	0	8	39	62	23
11	0	7	37	56	23
12	0	5	35	50	22
13	0	6	32	50	21
14	12	6	30	47	18
15	19	6	33	45	15
16	12	6	36	45	6
17	12	6	47	45	0
18	12	6	48	40	0
19	7	6	49	30	0
20	3	8	48	9	0
21	3	11	37	0	0
22	3	11	30	0	0
23	3	9	30	0	0
24	3	9	32	0	0
25	3	11	34	0	0
26	3	15	34	0	0
27	3	11	40	0	0
28	3	10	51	0	0
29	3	11	52	0	0
30	3	12	57	0	0
31	3	-	57	0	-
Mean	4	7	38	34	11
Max.	19	15	57	72	23
Min.	0	3	17	0	0
A.F.	220	430	2340	2060	630

Water diverted 5680 A.F.
 Supplemental storage included
 Acreage reported A-6216-1311

DAILY DIVERSIONS OF CANALS--1964
 RIVERSIDE CANAL from Frenchman River
 Measured in section of canal--Sec. 33-4-32 W.

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

Supplemental storage available
 Acreage reported D-18-359
 Note: Incomplete gage height record

DAILY DIVERSIONS OF CANALS--1964
 RUTNER-KINNEY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 31-15-56 W.

Date	May	June	July	Aug.	Sept.
1	0	0	3	0	0
2	0	0	0	0	0
3	0	0	0	0	3
4	0	0	0	0	3
5	0	0	0	0	3
6	0	0	0	0	1
7	0	0	3	0	2
8	0	0	2	3	2
9	0	0	0	2	2
10	0	0	0	2	2
11	0	0	0	0	2
12	0	0	0	0	2
13	0	0	0	0	2
14	0	3	0	0	0
15	0	3	0	0	0
16	0	3	0	0	0
17	0	3	0	0	0
18	0	3	0	0	0
19	0	3	0	0	0
20	0	3	0	2	0
21	0	3	3	2	0
22	0	6	3	2	0
23	0	3	3	2	0
24	0	3	3	3	0
25	0	0	3	2	0
26	0	0	3	2	0
27	0	3	3	2	0
28	0	3	3	2	0
29	0	3	0	0	0
30	0	3	0	0	0
31	0	-	0	0	-
Mean	0	2	1	1	1
Max.	0	3	3	3	3
Min.	0	0	0	0	0
A.F.	0	100	60	50	50

Water diverted 260 A.F.
 Acreage reported D-345R-126; D-350-51;
 A-718R-48; A-1828-14; Total-239

DAILY DIVERSIONS OF CANALS--1964
 RUTNER CANAL (New) from Lodgepole Creek
 Measured through rating flume--Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	4	1	1	0
2	0	4	4	1	0
3	0	4	5	2	0
4	0	4	5	2	0
5	0	4	0	0	0
6	0	4	0	0	0
7	0	4	0	1	0
8	0	4	0	0	0
9	0	4	0	0	0
10	0	4	0	0	0
11	0	3	2	1	0
12	0	3	2	1	0
13	0	3	2	2	0
14	0	3	3	1	1
15	0	3	3	1	2
16	0	3	3	2	3
17	0	3	4	1	1
18	0	4	4	2	1
19	1	3	4	2	3
20	3	3	0	0	2
21	5	6	0	0	3
22	5	4	0	0	2
23	5	4	0	0	2
24	5	4	0	0	3
25	5	4	0	0	2
26	4	4	0	0	1
27	4	5	0	0	2
28	4	1	0	0	2
29	4	1	2	0	1
30	4	0	2	0	0
31	4	-	2	0	-
Mean	2	3	2	1	1
Max.	5	6	5	2	3
Min.	0	0	0	0	0
A.F.	110	210	90	40	60

Water diverted 510 A.F.
 Acreage reported D-350R-22; A-727-36;
 A-857-92; A-869-44; A-5303-25; Total-219

DAILY DIVERSIONS OF CANALS--1964

SARGENT CANAL from Middle Loup River
Measured through 10-foot Parshall flume--Sec. 32-21-21 W.

SARGENT WASTEWAY MILE 4.7 from Sargent Canal
Measured through Sparling Meter--Sec. 14-20-21 W.

Date	May	June	July	Aug.	Sept.
1	0	71	24	226	54
2	0	63	39	215	58
3	0	50	32	214	69
4	0	45	32	208	78
5	0	46	34	210	78
6	0	47	40	212	70
7	0	48	59	203	60
8	0	52	51	200	53
9	0	61	33	198	47
10	0	60	38	192	38
11	0	58	38	179	34
12	0	55	32	167	32
13	0	56	28	168	31
14	0	58	27	162	30
15	0	50	27	153	30
16	0	35	34	148	30
17	0	32	41	140	30
18	0	32	52	122	29
19	0	32	90	114	30
20	0	32	116	113	30
21	0	32	143	80	29
22	0	30	206	57	29
23	0	27	244	55	34
24	0	27	249	54	44
25	0	27	252	54	47
26	0	27	248	54	47
27	0	27	254	59	43
28	0	26	241	63	36
29	0	21	239	59	34
30	0	21	235	55	30
31	0	--	224	54	--
Mean	0	42	110	135	43
Max.	0	71	254	226	78
Min.	0	21	24	54	29
A.F.	0	2480	6750	8310	2550

Water diverted 20090 A.F.
Acreage reported A-4841a-12816

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

Water returned 0 A.F.

DAILY DIVERSIONS OF CANALS--1964

SARGENT WASTEWAY MILE 11.2 from Sargent Canal--Measured
through earth section of spillway--Sec. 27-20-20 W.

SARGENT WASTEWAY MILE 20.6 from Sargent Canal--Measured
through 10-foot Parshall flume--Sec. 30-20-18 W.

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

Water returned 0 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	0	7	2
2	0	1	1	5	1
3	0	12	3	3	1
4	0	2	2	1	2
5	0	0	2	0	2
6	0	0	1	1	2
7	0	0	2	0	1
8	0	0	11	0	0
9	0	0	0	0	1
10	0	0	0	1	0
11	0	1	1	5	0
12	0	0	2	2	1
13	0	0	2	1	1
14	0	2	1	3	1
15	0	6	1	0	1
16	0	0	0	1	2
17	0	6	1	1	2
18	0	2	0	0	1
19	0	1	1	0	2
20	0	2	5	3	2
21	0	2	1	1	2
22	0	3	1	0	0
23	0	0	4	1	0
24	0	0	1	1	1
25	0	0	1	1	2
26	0	0	1	1	2
27	0	0	0	1	3
28	0	0	0	4	1
29	0	0	0	5	0
30	0	0	3	2	7
31	0	-	5	1	-
Mean	0	1	2	2	1
Max.	0	12	11	7	7
Min.	0	0	0	0	0
A.F.	0	80	110	100	90

Water returned 380 A.F.

DAILY DIVERSIONS OF CANALS--1964
 SARGENT WASTEWAY MILE 26.0 from Sargent Canal--Measured
 over 20-foot box type weir--Sec. 36-20-18 W.

Date	May	June	July	Aug.	Sept.
1	0	0	2	5	3
2	0	0	0	5	2
3	0	0	4	3	0
4	0	0	6	2	4
5	0	0	6	0	4
6	0	0	5	6	6
7	0	0	0	2	5
8	0	0	10	4	6
9	0	0	9	5	4
10	0	0	2	8	4
11	0	10	1	9	2
12	0	9	1	3	1
13	0	6	2	5	1
14	0	5	1	6	1
15	0	9	1	4	1
16	0	6	1	2	2
17	0	7	1	1	2
18	0	5	2	2	2
19	0	2	6	0	0
20	0	6	0	0	0
21	0	4	0	7	0
22	0	7	0	3	0
23	0	7	0	6	0
24	0	5	1	6	1
25	0	4	4	5	7
26	0	3	6	4	6
27	0	3	5	2	6
28	0	4	5	3	7
29	0	4	3	6	4
30	0	2	6	6	2
31	0	-	6	4	-
Mean	0	4	3	4	3
Max.	0	10	10	9	7
Min.	0	0	0	0	0
A.F.	0	210	190	250	160

Water returned 810 A.F.

DAILY DIVERSIONS OF CANALS--1964
 SARGENT WASTEWAY MILE 31.6 from Sargent Canal
 Measured through rating flume--Sec. 15-19-17 W.

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

Water returned 0 A.F.

DAILY DIVERSIONS OF CANALS--1964
 SARGENT WASTEWAY MILE 40.1 from Sargent Canal
 Measured over 6-foot weir--Sec. 23-19-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	4	4	3
2	0	0	2	5	3
3	0	2	3	5	2
4	0	8	4	4	3
5	0	5	4	4	2
6	0	3	2	2	3
7	0	3	2	4	4
8	0	2	6	6	4
9	0	1	3	7	5
10	0	2	5	8	7
11	0	2	4	10	5
12	0	1	4	9	4
13	0	1	5	7	4
14	0	2	4	8	5
15	0	4	4	11	5
16	0	4	4	11	4
17	0	4	3	12	5
18	0	1	3	11	4
19	0	3	3	5	2
20	0	5	6	7	2
21	0	5	1	14	2
22	0	6	2	15	2
23	0	5	0	11	2
24	0	5	2	9	2
25	0	5	3	4	4
26	0	5	4	4	2
27	0	5	5	3	3
28	0	5	3	3	3
29	0	5	2	4	2
30	0	4	4	5	1
31	0	-	4	4	-
Mean	0	3	3	7	3
Max.	0	8	6	15	7
Min.	0	0	0	2	1
A.F.	0	200	210	430	200

Water returned 1040 A.F.

DAILY DIVERSIONS OF CANALS--1964

SARGENT CANAL
Summary in Acre-feet---1964

	May	June	July	Aug.	Sept.	Total
DIVERSION.....	0	2480	6750	3810	2550	20090
SPILL AT MILE 4.7.....	0	0	0	0	0	0
SPILL AT MILE 11.2.....	0	0	0	0	0	0
SPILL AT MILE 20.6.....	0	80	110	100	90	380
SPILL AT MILE 26.0.....	0	210	190	250	160	810
SPILL AT MILE 31.6.....	0	0	0	0	0	0
SPILL(Terminal)MILE 40.1	0	200	210	430	200	1040
RETURNED AT SPILLWAYS...	0	490	510	780	450	2230
NET DIVERSION.....	0	1990	6240	7530	2100	17860

Net water diverted 17860 A.F.
Acreage reported A-4841a-12816

DAILY DIVERSIONS OF CANALS--1964

SHERIDAN-WILSON CANAL from North Platte River
Measured through section of canal
Sec. 20-14-35 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	1	0
2	0	0	0	2	0
3	0	0	0	2	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	2	0
11	0	0	0	2	0
12	0	0	0	2	0
13	0	0	0	2	0
14	0	0	0	1	0
15	0	0	0	1	0
16	0	0	0	1	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	1	0	0
26	0	0	1	0	0
27	0	0	2	0	0
28	0	0	2	0	0
29	0	0	1	0	0
30	0	0	1	0	0
31	0	-	1	0	-
Mean	0	0	0	1	0
Max.	0	0	2	2	0
Min.	0	0	0	0	0
A.F.	0	0	20	30	0

Water diverted 50 A.F.

SHERIDAN-WILSON CANAL from Sarben Slough
Measured in section of canal
Sec. 20-14-35 W.

Date	May	June	July	Aug.	Sept.
1	0	6	7	7	6
2	0	6	7	7	6
3	0	6	7	7	6
4	0	6	7	0	6
5	0	6	8	0	6
6	0	6	8	0	6
7	0	6	8	0	6
8	0	6	9	0	6
9	0	6	9	0	7
10	0	6	9	5	7
11	0	6	8	5	7
12	0	6	8	5	7
13	0	6	8	5	7
14	0	6	7	5	7
15	6	6	7	5	7
16	0	6	7	6	7
17	0	5	7	6	7
18	6	5	7	6	7
19	6	5	6	6	7
20	6	6	6	6	7
21	6	6	6	6	7
22	5	6	6	6	7
23	5	6	0	6	7
24	6	6	0	6	7
25	6	6	0	6	7
26	6	6	6	6	7
27	6	6	6	6	7
28	6	6	7	6	6
29	6	6	7	6	6
30	6	7	7	6	6
31	6	-	7	6	-
Mean	3	6	7	5	7
Max.	6	7	9	7	7
Min.	0	5	0	0	6
A.F.	180	350	400	290	390

Water diverted 1610 A.F.

DAILY DIVERSIONS OF CANALS--1964

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet---1964

Diversion:	May	June	July	Aug.	Sept.	Total
North Platte River	0	0	20	30	0	50
Sarben Slough	180	350	400	290	390	1610
Total diversion	180	350	420	320	390	1660

Water diverted 1660 A.F.
Acreage reported D-710-918

DAILY DIVERSIONS OF CANALS--1964
SHORT LINE CANAL from North Platte River
Measured through rating flume---Sec. 25-21-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	22	0	52	30	26	24
2	16	0	40	30	30	23
3	15	0	46	31	32	26
4	16	0	30	32	28	27
5	16	0	25	30	23	29
6	14	0	25	27	20	29
7	15	0	26	24	25	29
8	31	0	28	24	24	26
9	29	0	29	24	17	27
10	24	0	46	24	17	29
11	10	0	47	24	16	28
12	9	0	42	24	18	24
13	13	0	48	23	27	27
14	19	0	32	25	28	34
15	5	0	24	26	22	34
16	0	3	17	35	24	35
17	0	6	18	35	26	35
18	0	9	24	36	25	36
19	0	24	23	40	26	33
20	0	45	28	49	27	33
21	0	47	33	46	29	34
22	0	44	17	38	27	26
23	0	51	11	33	24	21
24	0	53	0	28	24	22
25	0	54	13	26	24	22
26	0	60	16	28	26	22
27	0	51	15	30	29	24
28	0	52	18	23	26	26
29	0	36	24	23	22	18
30	0	47	27	25	25	15
31	0	43	--	25	30	--
Mean	8	20	27	30	25	27
Max.	31	60	52	49	32	36
Min.	0	0	0	23	16	15
A.F.	500	1240	1640	1820	1520	1620

Water diverted 8340 A.F.
Acreage reported D-946-3020

DAILY DIVERSIONS OF CANALS--1964

SIX MILE CANAL from Platte River--Measured
through Parshall flume--Sec. 18-11-25 W.

SIX MILE CANAL from Sheldon Drain
Sec. 14-11-26 W.

Date	May	June	July	Aug.	Sept.
1	0	1	0	7	0
2	0	0	0	6	0
3	0	1	0	3	0
4	0	1	0	4	0
5	0	1	0	6	0
6	0	1	0	8	0
7	0	1	0	6	0
8	0	1	0	8	5
9	0	1	1	9	5
10	0	1	1	10	9
11	0	1	3	12	11
12	0	1	6	11	11
13	0	1	4	9	10
14	0	1	7	9	9
15	0	0	6	7	7
16	0	0	5	7	1
17	0	0	7	12	0
18	0	0	8	1	0
19	0	0	12	0	0
20	0	0	15	0	0
21	0	0	16	0	0
22	0	0	16	0	0
23	0	0	17	0	0
24	0	0	19	0	0
25	0	0	18	0	0
26	0	0	20	0	0
27	0	0	20	0	0
28	1	0	10	0	0
29	1	0	11	0	0
30	0	0	6	0	0
31	0	-	7	0	-
Mean	0	0	8	4	2
Max.	1	1	20	12	11
Min.	0	0	0	0	0
A.F.	0	30	470	270	130

Water diverted 900 A.F.
Sutherland storage included

Date	May	June	July	Aug.	Sept.
1	0	9	5	6	0
2	0	9	5	6	0
3	0	10	5	6	0
4	0	10	5	5	0
5	0	9	5	5	0
6	0	8	6	5	0
7	0	7	6	5	0
8	0	7	6	5	6
9	0	7	6	5	6
10	0	7	6	5	6
11	0	7	6	5	6
12	0	7	6	5	6
13	0	7	6	5	6
14	0	7	6	5	6
15	0	6	6	5	6
16	0	6	6	5	6
17	0	6	6	5	0
18	0	6	6	5	0
19	0	7	6	5	0
20	7	7	6	0	0
21	7	7	6	0	0
22	7	7	6	0	0
23	7	7	5	0	0
24	7	7	5	0	0
25	7	7	5	0	0
26	7	7	5	0	0
27	7	7	5	0	0
28	7	7	5	0	0
29	8	6	5	0	0
30	8	6	6	0	0
31	8	-	6	0	-
Mean	3	7	6	3	2
Max.	8	10	6	6	6
Min.	0	6	5	0	0
A.F.	170	430	350	190	110

Water diverted 1250 A.F.

DAILY DIVERSIONS OF CANALS--1964

SIX MILE CANAL
Summary in Acre-foot--1964

Diversion:	May	June	July	Aug.	Sept.	Total
Platte River.....	0	30	470	270	130	900
Sheldon Drain.....	170	430	350	190	110	1250
Total diversion.....	170	460	820	460	240	2150

Water diverted 2150 A.F.
Acreage reported D-680-1173

DAILY DIVERSIONS OF CANALS--1964
 SNOW CANAL from Niobrara River--Measured
 through rating flume--Sec. 35-29-51 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	8	0	0	0	0	0
2	0	8	0	0	0	0	0
3	0	8	0	0	0	0	0
4	0	8	0	0	0	0	0
5	0	8	0	0	0	0	0
6	0	6	0	0	0	0	0
7	0	4	0	0	0	0	0
8	0	4	0	1	0	0	3
9	0	4	0	2	0	0	3
10	0	4	0	3	0	0	1
11	0	4	0	2	0	0	1
12	0	3	0	2	0	0	1
13	0	3	0	2	0	0	1
14	0	4	0	0	0	0	1
15	0	6	0	0	0	0	0
16	0	6	0	0	0	0	0
17	9	6	0	0	0	0	2
18	2	5	0	0	0	0	5
19	2	4	0	0	0	0	4
20	2	0	0	0	0	0	2
21	2	0	0	0	0	0	1
22	3	0	0	0	0	0	3
23	4	0	0	2	0	0	4
24	3	0	0	4	0	0	3
25	3	0	0	4	0	0	4
26	3	0	0	4	0	0	1
27	3	0	0	4	0	0	2
28	3	0	0	4	0	0	3
29	3	0	0	4	0	2	4
30	1	0	0	0	0	1	4
31	8	-	0	-	0	1	-
Mean	2	3	0	1	0	0	2
Max.	8	8	0	4	0	2	5
Min.	0	0	0	0	0	0	0
A.F.	100	200	0	80	0	10	100

Water diverted 490 A.F.
 Acreage reported D-485-200

DAILY DIVERSIONS OF CANALS--1964
 SPALDING POWER CANAL from Cedar River
 Measured through section of canal--Sec. 28-20-9 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	175	126	0	124	135	126	130	161	102	107	111	122
2	172	122	0	141	132	132	131	159	125	107	100	98
3	144	113	84	142	123	131	133	153	128	110	88	0
4	133	124	124	134	128	120	137	155	115	106	132	64
5	126	124	127	127	136	133	136	147	118	103	102	64
6	124	122	125	130	123	134	138	153	123	101	104	62
7	127	125	116	132	82	104	139	151	113	106	108	83
8	111	118	0	123	125	123	139	127	110	109	104	146
9	120	120	44	96	122	122	142	131	106	105	98	132
10	122	111	54	115	131	118	135	132	107	101	99	126
11	116	122	112	118	132	125	134	128	104	122	99	130
12	136	125	110	45	131	102	131	142	105	108	118	132
13	118	122	108	108	134	127	135	127	100	120	109	141
14	120	124	90	116	131	122	128	133	111	112	126	123
15	128	117	104	138	127	119	121	128	142	97	130	110
16	123	128	116	135	80	126	118	124	65	99	140	112
17	123	129	120	134	126	127	79	123	0	98	130	117
18	124	127	107	138	124	110	0	120	0	94	121	120
19	126	127	119	140	115	135	0	123	0	86	105	123
20	125	131	119	143	86	126	0	120	144	89	141	123
21	129	128	118	147	88	126	0	121	141	89	154	125
22	127	137	126	141	101	126	0	116	52	95	159	128
23	122	141	127	133	76	118	0	115	40	96	136	126
24	126	119	129	119	117	78	19	109	160	50	130	126
25	62	135	140	86	115	67	146	100	140	0	72	116
26	0	130	144	133	114	85	157	107	135	0	0	115
27	0	135	143	134	119	133	166	106	125	0	0	112
28	12	125	138	123	120	140	168	101	125	29	0	113
29	115	74	127	143	126	135	162	71	108	79	0	111
30	122	0	129	134	---	122	162	0	108	80	116	110
31	124	-	133	122	---	135	---	20	---	99	111	---
Mean	114	119	104	126	117	120	106	119	102	87	101	110
Max.	175	141	144	147	136	140	168	161	160	122	159	146
Min.	0	0	0	45	76	67	0	0	0	0	0	0
A.F.	7010	7100	6410	7720	6740	7390	6320	7340	6050	5350	6230	6570

Total acre-feet 80230 A.F.

DAILY DIVERSIONS OF CANALS--1964
 SUBURBAN CANAL from North Platte River
 Measured through rating flume--Sec. 8-14-32 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	18	28	0	58	79	116	79
2	17	14	3	60	82	113	79
3	17	0	7	66	86	101	89
4	16	0	11	77	78	90	92
5	16	0	21	65	80	67	97
6	16	0	17	54	76	57	106
7	16	0	22	33	80	67	103
8	15	0	27	46	90	70	103
9	15	0	33	60	89	70	92
10	16	0	19	63	83	73	76
11	16	0	14	56	82	74	57
12	16	0	11	64	72	76	68
13	15	0	5	74	62	76	82
14	15	0	0	73	66	74	82
15	15	0	0	74	69	69	86
16	15	0	4	69	78	64	80
17	15	0	2	69	87	63	64
18	15	0	2	71	89	40	64
19	14	0	28	69	96	13	69
20	14	0	69	73	108	59	80
21	13	0	67	84	116	36	75
22	13	0	68	84	127	56	67
23	12	0	81	73	128	31	47
24	12	0	96	64	133	30	43
25	12	0	88	55	135	51	51
26	12	0	78	54	137	61	53
27	12	0	76	65	133	68	80
28	10	0	64	68	131	80	83
29	14	0	56	69	127	76	83
30	25	0	56	74	123	87	76
31	27	-	58	-	122	81	-
Mean	15	1	35	65	98	67	77
Max.	27	28	96	84	137	116	106
Min.	10	0	0	33	62	13	43
A.F.	940	80	2150	3900	6040	4140	4570

Water diverted 21820 A.F.
 Kingsley Storage included
 Acreage reported D-662-6235

DAILY DIVERSIONS OF CANALS--1964
 SUPERIOR CANAL from Republican River--Measured
 through 12-foot Parshall flume--Sec. 7-1-9 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	44	32	100	87	31
2	0	44	30	132	88	24
3	0	44	27	130	99	24
4	0	44	19	134	137	20
5	0	42	0	135	146	7
6	0	33	0	142	146	0
7	0	33	0	133	138	0
8	0	32	0	139	131	0
9	0	32	0	133	119	0
10	0	32	0	143	118	0
11	0	32	23	130	112	0
12	0	27	38	85	93	0
13	0	19	38	84	84	0
14	0	18	38	84	84	0
15	0	20	32	84	80	0
16	0	24	0	85	73	0
17	0	24	0	91	47	0
18	0	26	0	102	0	0
19	0	27	0	124	0	0
20	0	30	0	140	0	0
21	0	30	0	139	0	0
22	0	30	8	140	0	0
23	0	30	42	146	0	0
24	0	32	42	144	0	0
25	0	33	43	147	0	0
26	0	40	43	146	0	0
27	0	38	50	138	0	0
28	0	32	57	113	0	0
29	42	32	70	97	0	0
30	44	32	84	88	7	0
31	-	32	-	88	33	-
Mean	3	32	24	120	59	4
Max.	44	44	84	147	146	31
Min.	0	18	0	84	0	0
A.F.	170	1960	1420	7370	3610	210

Water diverted 14740 A.F.
 Supplemental storage included
 Acreage reported A-2691cR-5501; A-6223-268;
 A-2723-48; A-9875-49; Total-5866

DAILY DIVERSIONS OF CANALS--1964
 SUTHERLAND CANAL from North Platte River for Storage and Power
 Measured through concrete lined section of canal--Sec. 7-14-37 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	200	823	442	433	578	452	345	0	1740	1920	1370	1350
2	295	832	432	430	580	443	390	0	1760	1980	1360	1340
3	408	832	437	430	586	463	429	0	1760	2000	1350	1320
4	566	841	436	425	584	456	616	0	1780	2000	1350	1350
5	691	834	438	432	591	456	811	0	1830	1980	1350	1360
6	798	836	442	432	582	453	1040	0	1840	1950	1360	1360
7	919	858	449	433	588	457	1290	0	1850	1930	1340	1360
8	1020	856	375	425	582	456	1590	0	1770	1930	1360	1380
9	1180	854	413	419	582	457	1780	0	1650	1920	1360	1300
10	1370	849	448	417	567	457	1850	0	1780	1920	1360	1400
11	1560	854	456	419	501	457	1780	0	1800	1890	1370	1400
12	1720	865	455	434	438	457	1550	0	1820	1880	1370	1400
13	1710	867	450	438	429	453	1240	0	1830	1850	1370	1400
14	1700	865	450	543	428	445	1090	0	1840	1820	1360	1410
15	1620	868	450	561	445	449	922	0	1830	1800	1360	1420
16	1500	849	450	562	443	450	754	0	1830	1780	1370	1410
17	1480	686	448	558	445	450	610	0	1820	1760	1350	1420
18	1480	558	448	562	434	449	455	0	1720	1730	1370	1420
19	1420	556	442	562	432	471	370	0	1790	1700	1370	1420
20	1250	558	446	560	446	389	322	0	1790	1680	1360	1400
21	1010	560	446	561	459	325	242	74	1790	1660	1220	1340
22	823	567	448	562	464	324	33	289	1760	1620	1230	1160
23	811	566	446	568	462	328	0	373	1700	1580	1350	1010
24	811	572	434	568	463	319	0	428	1760	1560	1350	930
25	813	568	441	568	467	341	0	704	1770	1550	1350	843
26	813	567	429	568	464	339	0	1120	1770	1540	1350	537
27	823	543	428	570	466	340	0	1270	1760	1520	1340	513
28	823	466	438	570	463	343	0	1400	1780	1490	1340	380
29	818	407	433	570	462	339	0	1510	1790	1470	1300	202
30	820	426	438	573	---	345	0	1650	1860	1440	1350	47
31	823	---	434	578	---	336	-	1700	---	1400	1350	---
Mean	1035	706	439	507	498	410	650	339	1780	1750	1370	1153
Max.	1720	868	456	591	578	471	1850	1700	1860	2000	1370	1420
Min.	200	407	375	417	428	319	0	0	1650	1400	1220	47
A.F.	63620	42020	27020	31200	28620	25190	38680	20860	106240	107600	82790	68590

Water diverted 642430 A.F.

DAILY DIVERSIONS OF CANALS--1964
SUTHERLAND CANAL for power from South Platte River
Measured through 25-foot Parshall flume--Sec. 8-13-36 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	132	269	310	296	389	197	228	45	25	0	0
2	0	134	254	329	317	372	218	222	45	22	0	0
3	35	134	258	334	303	308	230	209	42	21	0	0
4	77	134	263	327	303	287	244	199	44	20	0	0
5	172	122	272	317	294	301	269	207	41	18	0	0
6	249	115	276	292	306	296	292	183	38	17	0	0
7	242	129	280	280	317	285	292	170	34	21	0	0
8	226	132	199	287	294	242	303	158	33	29	0	0
9	181	141	141	254	294	287	292	153	32	31	0	0
10	197	149	170	230	315	274	287	144	33	58	0	0
11	183	158	112	212	312	272	287	141	26	86	0	0
12	166	181	82	189	308	280	285	130	27	101	0	0
13	164	191	102	149	287	272	287	130	29	80	0	0
14	164	195	100	124	292	260	292	115	36	70	0	0
15	155	205	102	146	267	263	298	98	35	46	0	0
16	122	209	107	160	238	258	298	79	42	33	0	0
17	101	218	100	183	260	247	296	72	40	30	0	0
18	100	238	115	207	251	251	292	66	35	24	0	0
19	108	240	139	242	242	276	285	65	38	21	0	0
20	108	242	162	260	249	177	274	58	39	21	0	0
21	107	247	181	285	265	272	285	51	42	16	0	0
22	120	247	195	294	269	249	276	49	56	14	0	0
23	148	242	205	305	287	236	269	52	69	12	0	0
24	122	260	220	322	305	216	256	51	66	12	0	0
25	108	263	226	287	283	189	249	50	54	10	0	0
26	141	269	251	296	201	220	234	46	40	8	0	0
27	139	269	265	287	228	216	265	48	38	10	0	0
28	124	267	269	303	249	222	240	52	31	9	0	0
29	115	260	283	312	315	224	234	48	31	8	0	0
30	117	260	283	310	---	214	236	48	28	8	0	0
31	101	---	294	320	---	203	---	48	---	4	0	0
Mean	132	199	199	263	281	260	269	109	40	29	0	0
Max.	249	269	294	334	317	389	303	228	69	101	0	0
Min.	0	115	82	124	201	189	197	46	26	4	0	0
A.F.	8120	11870	12250	16170	16160	15980	15990	6680	2360	1760	0	0

Water diverted 107340 A.F.

DAILY DIVERSIONS OF CANALS--1964
SUTHERLAND POWER RETURN TO the South Platte River at North Platte
Measured through power wheels--Sec. 21-13-30 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	66	581	503	580	497	480	337	552	991	1254	1716	1084
2	66	394	515	572	471	472	378	530	909	1415	1778	1221
3	66	388	493	483	511	496	384	538	912	1467	1791	1119
4	66	561	481	487	506	493	363	558	729	1466	1687	1147
5	65	563	495	492	508	492	362	471	675	1357	1539	1179
6	68	526	515	561	525	495	346	490	623	1430	1581	1177
7	68	559	506	519	468	430	341	502	609	1429	1630	1227
8	66	575	507	524	453	467	351	548	732	1211	1690	1547
9	218	440	593	533	436	478	352	539	806	1293	1723	1534
10	264	425	588	558	464	461	362	555	713	1295	1574	1615
11	246	498	716	603	461	453	363	538	765	951	1643	1035
12	247	465	767	635	469	417	329	559	900	834	1614	1014
13	260	453	767	723	465	415	362	558	916	776	1568	986
14	261	465	731	753	472	359	372	678	900	829	1534	1010
15	50	523	728	738	475	333	333	706	930	1115	1509	984
16	257	527	687	668	507	373	359	725	965	1253	1504	971
17	267	489	754	662	486	371	384	737	959	1288	883	949
18	61	461	747	663	522	400	420	837	1090	1386	1017	945
19	61	454	679	612	480	385	433	843	1197	1576	1123	939
20	61	460	659	556	494	356	457	881	1224	1591	1509	935
21	411	487	656	543	506	306	445	1003	1215	1722	922	880
22	435	483	682	521	509	305	418	1204	1208	1778	972	845
23	436	451	721	542	504	300	458	1330	1044	1730	904	830
24	436	491	713	562	458	307	521	1307	933	1784	924	852
25	434	466	668	598	476	462	534	1172	914	1780	967	832
26	347	474	708	552	478	399	166	1134	939	1826	916	841
27	323	478	755	554	504	355	448	1167	937	1726	989	715
28	601	503	663	544	472	343	510	1078	921	1698	977	588
29	510	478	642	544	497	329	548	977	1029	1679	1022	639
30	526	479	638	539	---	357	543	981	1104	1771	984	220
31	568	---	558	525	---	324	---	1063	---	1834	987	---
Mean	252	487	640	579	485	402	399	799	926	1437	1328	995
Max.	601	581	767	753	525	496	548	1330	1224	1834	1791	1615
Min.	50	388	481	483	436	300	166	471	609	776	883	220
A.F.	15490	28950	39320	35600	27920	24720	23760	49110	55120	88350	81670	59230

Water returned 529240 A.F.

DAILY DIVERSIONS OF CANALS--1964
 THIRTY MILE CANAL from Platte River
 Measured through Parshall flume--Sec. 31-12-26 W.

Date	May	June	July	Aug.	Sept.
1	0	74	95	213	69
2	0	71	99	217	71
3	0	93	105	217	71
4	0	91	106	224	70
5	0	90	106	238	70
6	0	79	120	238	70
7	0	75	178	238	70
8	0	86	199	235	71
9	0	97	192	235	76
10	0	102	201	235	75
11	0	103	199	233	75
12	1	105	190	231	74
13	23	105	190	233	72
14	78	106	231	226	62
15	80	106	224	222	43
16	76	103	213	224	44
17	67	102	215	122	45
18	79	95	213	72	43
19	89	95	218	74	42
20	84	93	222	61	42
21	82	102	227	56	41
22	94	106	241	51	38
23	86	102	271	48	39
24	86	91	263	46	40
25	86	71	259	43	40
26	82	75	252	41	11
27	80	81	241	39	0
28	76	84	218	37	0
29	75	89	211	42	0
30	76	95	213	50	0
31	76	--	213	60	-
Mean	48	92	193	145	49
Max.	94	106	271	238	76
Min.	0	71	95	37	0
A.F.	2940	5490	12150	8930	2900

Water diverted 32410 A.F.
 Sutherland storage included
 Acreage reported A-1353-19254; A-1976-3555;
 A-2077-320; Total-23129

DAILY DIVERSIONS OF CANALS--1964
 TRI-COUNTY CANAL from Platte River for Power and Irrigation
 Measured through 30-foot Parshall flume--Sec. 28-13-29 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	888	882	885	1130	1080	1150	945	1210	1860	1440	2080	1390
2	996	780	912	1170	1040	1120	1030	1160	1730	1670	2070	1440
3	948	759	860	976	1020	1020	1260	1170	1690	1840	2070	1420
4	868	815	907	1100	933	1030	1240	1210	1810	1940	2070	1350
5	828	995	822	1070	1080	1060	1220	1050	1610	2000	2110	1390
6	826	910	874	1080	1130	958	1330	998	1410	2030	2090	1480
7	747	924	911	954	891	982	1250	983	1240	2050	2100	1520
8	716	972	552	979	990	995	1110	1100	1260	2020	2150	1710
9	723	858	569	1080	959	1030	954	1180	1280	2000	2130	1800
10	934	854	740	1060	999	1050	1050	1160	1300	2040	2120	1940
11	905	857	820	936	975	1020	1000	1120	1320	2070	2110	1550
12	882	855	1090	851	1030	1040	990	1060	1350	2000	2140	1380
13	903	812	1120	978	994	1010	1040	1060	1380	2060	2150	1380
14	909	853	974	1020	1030	940	1010	1130	1370	1900	2070	1480
15	828	840	952	1170	1020	919	1010	1170	1490	2030	2160	1380
16	860	896	915	1210	1050	994	1020	1190	1400	2070	2170	1450
17	928	975	1080	1160	1040	967	898	1170	1470	2070	2080	1450
18	810	925	1130	1170	1050	1010	902	1220	1430	2020	2080	1410
19	762	891	1130	1220	996	1110	910	1260	1380	2100	2040	1450
20	786	884	1120	1070	945	918	1040	1250	1610	2060	2100	1540
21	1060	896	1090	1120	1060	939	1030	1250	1650	2010	1840	1560
22	1070	912	1060	1120	1080	1110	992	1390	1960	2080	1630	1360
23	936	886	1200	1110	1020	1170	994	1710	1700	2110	1640	1390
24	971	905	1110	1040	1040	1030	1040	1680	1620	2050	1520	1270
25	900	918	1140	994	1080	862	1240	1670	1490	2070	1460	1280
26	813	861	1160	983	924	950	909	1820	1320	2100	1390	1230
27	760	871	1360	1100	1030	1120	1280	1900	1360	2080	1410	1190
28	978	892	1250	1010	1100	1030	1430	1930	1290	2030	1340	1170
29	877	902	1180	1020	1200	1030	1310	1870	1320	2080	1400	1150
30	888	892	1190	907	---	1030	1220	1900	1320	2100	1350	1210
31	962	---	1120	1090	---	983	---	1910	---	2010	1410	---
Mean	879	882	1007	1061	1027	1019	1088	1351	1481	2004	1886	1425
Max.	1070	995	1360	1220	1200	1170	1430	1930	1960	2110	2170	1940
Min.	716	759	552	851	891	862	898	983	1240	1440	1340	1150
A.F.	54070	52510	61930	65210	59080	62630	64770	83070	88110	123230	115990	84780

Water diverted 915380 A.F.
 Acreage reported A-2355, A-3476-89127; Storage only-A-3476-95284; A-3620-1024; A-3823-799; A-4656-1446; A-5278-7299;
 A-7716-800; A-9673-28746; Total-224525
 Note: An additional Hb Intake Pipe installed January 7, 1964.
 Used 106% of 1959 Rating for discharges over 999 for period October 1, 1963 to January 7, 1964
 Used 1964 Rating for period January 8 to September 30, 1964

DAILY DIVERSIONS OF CANALS—1964
 TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River
 Measured through Parshall flume--Sec. 36-12-27 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	223	81	101
2	0	0	0	0	0	0	0	0	11	264	155	108
3	0	0	0	0	0	0	0	0	60	325	127	109
4	0	0	0	0	0	0	0	0	80	409	98	111
5	0	0	0	0	0	0	0	0	24	421	128	114
6	0	0	0	0	0	0	0	0	0	323	119	114
7	0	0	0	0	0	0	0	0	0	171	88	109
8	0	0	0	0	0	0	0	0	66	15	22	127
9	0	0	0	0	0	0	0	0	139	0	29	155
10	0	0	0	0	0	0	0	0	199	0	23	153
11	0	0	0	0	0	0	0	0	201	28	151	147
12	0	0	0	0	0	0	0	22	187	44	72	136
13	0	0	0	0	0	0	0	71	175	42	82	138
14	0	0	0	0	0	0	0	43	199	148	7	127
15	0	0	0	0	0	0	0	42	199	397	0	124
16	0	0	0	0	0	0	0	36	199	386	0	148
17	0	0	0	0	0	0	0	27	201	458	0	148
18	0	0	0	0	0	0	0	46	203	409	0	133
19	0	0	0	0	0	0	0	64	205	488	0	104
20	0	0	0	0	0	0	0	51	207	468	0	101
21	0	0	0	0	0	0	0	63	208	445	0	86
22	0	0	0	0	0	0	0	164	139	392	0	39
23	0	0	0	0	0	0	0	229	18	505	0	53
24	0	0	0	0	0	0	0	231	0	414	0	69
25	0	0	0	0	0	0	0	242	0	354	0	72
26	0	0	0	0	0	0	0	201	46	381	0	72
27	0	0	0	0	0	0	0	132	70	254	0	70
28	0	0	0	0	0	0	0	28	93	76	0	69
29	0	0	0	0	0	0	0	0	140	50	41	29
30	0	0	0	0	-	0	0	0	201	50	101	0
31	0	-	0	0	-	0	-	0	—	34	114	-
Mean	0	0	0	0	0	0	0	55	116	257	46	102
Max.	0	0	0	0	0	0	0	242	208	505	155	155
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	0	3360	6880	15820	2850	6080

Water returned 34990 A.F.

DAILY DIVERSIONS OF CANALS—1964
 TRI-COUNTY CANAL, JOHNSON POWER RETURN
 To Platte River--Sec. 2-8-21 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	694	758	788	875	879	755	638	499	233	58	10	176
2	684	778	787	874	756	814	621	483	452	26	31	368
3	679	737	768	932	891	802	631	440	473	22	50	220
4	682	743	779	898	861	787	787	474	637	34	62	142
5	674	763	773	829	865	869	682	382	700	50	62	205
6	659	750	785	911	865	815	877	292	747	30	54	226
7	672	805	773	890	866	842	899	312	659	30	58	223
8	657	843	806	882	901	732	866	293	511	25	58	288
9	718	777	785	876	741	811	738	319	232	10	82	283
10	728	785	886	890	814	812	819	338	274	140	118	279
11	820	781	906	918	897	846	741	277	176	273	58	259
12	766	796	908	846	808	838	664	218	187	272	78	325
13	792	786	881	911	803	827	730	163	232	223	78	293
14	758	796	908	894	784	842	756	198	283	122	70	334
15	738	734	882	811	827	715	635	217	274	130	53	363
16	777	779	864	797	710	840	582	217	252	90	42	421
17	389	758	829	801	817	812	496	221	242	110	53	446
18	990	756	833	847	806	844	457	186	230	67	35	450
19	808	748	769	738	786	816	462	139	258	42	541	443
20	772	737	774	822	829	846	447	23	222	38	764	470
21	776	790	734	777	832	933	469	8	208	34	1029	529
22	777	761	778	837	862	857	453	20	234	40	925	452
23	747	711	767	809	748	926	442	32	622	28	679	461
24	689	719	756	807	855	882	181	27	876	30	697	458
25	756	755	694	807	833	885	500	30	935	26	499	488
26	744	746	752	795	829	840	529	47	656	25	313	547
27	776	871	776	872	837	722	493	55	378	30	253	489
28	734	774	776	871	811	706	447	70	316	23	251	502
29	741	750	805	861	857	683	467	68	320	30	226	556
30	756	777	876	845	—	717	466	115	174	4	196	588
31	747	—	894	866	—	671	—	184	—	2	233	—
Mean	732	769	809	851	826	809	602	208	400	67	247	376
Max.	990	871	908	932	901	933	899	499	935	273	1029	588
Min.	389	711	694	738	710	671	181	8	174	2	10	142
A.F.	45030	45750	49770	52340	47540	49760	35850	12790	23790	4090	15190	22380

Water returned 404280 A.F.

DAILY DIVERSIONS OF CANALS--1964
 TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT
 AND PREFERRED RIGHTS from North Platte River
 Measured through section of canal--Sec. 10-23-58 W.

Date	May	June	July	Aug.	Sept.
1	0	724	728	1063	606
2	0	734	869	1053	599
3	0	746	953	1063	546
4	0	605	1020	1039	511
5	0	482	1080	1026	550
6	0	401	1127	1013	563
7	0	352	1134	993	577
8	0	278	1116	998	603
9	0	245	1112	1014	600
10	0	250	1046	1003	553
11	0	558	1038	988	528
12	187	801	1041	965	528
13	234	777	1029	947	499
14	275	785	1011	938	541
15	275	744	993	938	580
16	277	600	1036	937	610
17	292	579	1002	962	653
18	150	696	1336	947	660
19	173	698	1058	921	680
20	231	673	1048	952	688
21	216	667	1056	972	671
22	214	755	1077	955	644
23	393	594	1034	901	632
24	577	356	1001	873	605
25	625	320	1015	838	510
26	819	724	1042	862	446
27	773	363	1050	856	375
28	801	516	1023	837	0
29	856	545	1013	834	0
30	800	586	1034	842	0
31	737	---	1063	800	-
Mean	287	560	1038	946	519
Max.	856	801	1336	1063	688
Min.	0	245	728	800	0
A.F.	17660	33330	63840	58180	30860
Water diverted	203870 A.F.				
Pathfinder storage included					

DAILY DIVERSIONS OF CANALS--1964

TRI-STATE DIVERSIONS
 FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS
 Summary in Acre-feet--1964

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River....	17660	33330	63840	58180	30860	203870
*Optional diversions...	220	340	1550	1840	1270	5220
**Drains.....	600	10	0	0	240	850
Total.....	18480	33680	65390	60020	32370	209940

Water diverted 209940 A.F.
 Acreage reported D-913-53437; A-660-2913; O.D.'s-1711; Total-63061
 *estimated
 **Diverted by Tri-State Canal in excess of Northport diversion at Red Willow turnout.

DAILY DIVERSIONS OF CANALS--1964
 UNION CANAL from Blue Creek--Measured
 through rating flume--Sec. 18-16-42 W.

Date	May	June	July	Aug.	Sept.
1	0	7	16	21	21
2	0	7	19	22	21
3	0	7	17	22	20
4	0	8	14	23	19
5	0	5	16	24	18
6	0	6	18	27	17
7	0	6	18	23	16
8	0	6	16	21	16
9	0	7	14	20	13
10	0	7	14	18	12
11	0	4	14	17	9
12	0	4	13	17	7
13	0	4	13	18	7
14	0	5	14	18	10
15	0	6	14	18	12
16	0	9	12	16	10
17	0	9	11	18	7
18	0	10	11	18	6
19	0	9	10	19	9
20	0	9	11	19	10
21	0	10	13	20	10
22	7	10	10	20	10
23	14	6	13	18	10
24	15	4	10	18	7
25	17	6	11	18	6
26	17	6	8	17	6
27	16	5	8	17	6
28	12	4	18	18	7
29	13	4	18	18	11
30	10	7	19	18	11
31	7	-	19	19	--
Mean	4	7	14	19	11
Max.	17	10	19	27	21
Min.	0	4	8	16	6
A.F.	250	390	860	1190	680

Water diverted 3,370 A.F.
 Acreage reported D-763-1315

DAILY DIVERSIONS OF CANALS--1964
 WESTERN CANAL from South Platte River
 Measured in section of canal--Sec. 14-12-43 W.

Date	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	97	24	21	0	26	30	22	10
2	92	24	19	0	27	34	21	10
3	84	24	8	0	27	31	22	12
4	74	23	0	19	34	26	22	11
5	65	33	0	92	33	26	23	11
6	72	48	0	67	28	27	23	9
7	79	43	0	61	24	33	19	9
8	61	34	0	61	24	33	19	9
9	52	40	0	61	27	100	17	11
10	54	38	0	61	28	58	16	12
11	52	41	0	65	33	48	17	11
12	45	36	0	74	30	56	17	11
13	41	30	0	72	27	43	21	9
14	43	22	0	72	27	34	21	7
15	58	34	0	50	34	33	17	8
16	61	41	0	46	41	31	17	9
17	61	38	0	38	52	30	16	11
18	56	26	0	34	63	28	15	9
19	52	27	0	36	65	27	17	8
20	65	30	0	36	56	28	19	7
21	65	26	0	40	48	28	15	8
22	54	22	0	40	65	30	15	10
23	50	21	0	36	79	30	15	14
24	45	21	0	31	76	24	16	17
25	41	21	0	31	84	23	15	17
26	45	22	0	28	82	23	16	15
27	45	23	0	31	84	22	18	15
28	43	24	0	33	72	24	16	15
29	48	23	0	30	48	21	15	14
30	41	22	0	27	33	24	14	12
31	24	--	0	26	--	23	11	--
Mean	57	29	2	42	46	33	18	11
Max.	97	48	21	92	84	100	23	17
Min.	24	21	0	0	24	21	11	7
A.F.	3500	1750	100	2570	2730	2040	1080	660

Water diverted 14,430 A.F.
 Acreage reported A-393-11305; A-1804-764; A-4739-498;
 Total-12567

DAILY DIVERSIONS OF CANALS--1964

WINTER CREEK CANAL from North Platte River
Measured through Parshall flume--Sec. 17-22-55 W.

WINTER CREEK CANAL from Winter Creek
Measured through Parshall flume--Sec. 19-22-54 W.

Date	May	June	July	Aug.	Sept.
1	0	23	28	27	26
2	0	22	26	28	26
3	0	20	28	27	24
4	0	19	29	26	22
5	0	18	28	28	22
6	0	18	27	28	22
7	0	17	27	28	22
8	0	18	30	28	23
9	0	18	30	29	23
10	0	18	28	29	22
11	0	17	28	29	22
12	0	17	28	30	22
13	0	17	28	29	22
14	0	21	28	28	22
15	0	22	28	28	22
16	0	22	28	29	22
17	0	21	27	29	22
18	8	21	28	29	22
19	14	23	28	28	21
20	6	23	28	28	22
21	4	23	28	28	22
22	16	17	30	28	22
23	26	15	28	28	22
24	27	8	28	29	23
25	28	5	28	26	25
26	30	17	29	24	25
27	33	24	30	23	20
28	26	23	29	24	15
29	24	23	28	24	8
30	22	28	28	24	0
31	24	—	28	25	—
Mean	9	19	28	27	21
Max.	33	28	30	30	26
Min.	0	5	26	23	0
A.F.	570	1150	1730	1670	1260
Water diverted	6380 A.F.				

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	32	45	46	43
2	0	0	30	43	46	43
3	0	0	30	40	45	43
4	0	0	30	39	42	44
5	0	0	30	41	48	44
6	0	0	28	42	49	44
7	0	0	28	46	45	43
8	0	0	28	47	44	43
9	0	0	27	45	44	43
10	0	0	26	44	44	42
11	0	15	27	45	43	43
12	0	19	27	45	43	43
13	0	22	25	41	42	43
14	0	24	22	41	43	43
15	0	23	20	38	43	43
16	0	21	11	44	42	43
17	0	22	30	45	42	43
18	0	32	40	45	43	43
19	0	25	39	46	43	43
20	0	23	38	47	44	37
21	0	26	39	47	44	32
22	0	26	39	44	43	38
23	0	25	39	45	43	43
24	0	28	40	48	43	42
25	0	28	40	49	43	43
26	0	38	45	51	43	44
27	0	42	51	49	42	45
28	0	36	49	48	43	44
29	0	34	45	46	42	42
30	0	24	43	45	42	43
31	0	24	—	45	42	—
Mean	0	18	33	45	44	42
Max.	11	42	51	51	49	45
Min.	0	0	11	38	42	32
A.F.	20	1110	1980	2750	2680	2520
Water diverted	11060 A.F.					

DAILY DIVERSIONS OF CANALS--1964

WINTER CREEK FACTORY LATERAL from Winter Creek
Measured through Parshall flume--Sec. 19-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	7	3	10
2	9	0	0	7	5	10
3	10	0	0	7	8	10
4	5	0	0	7	8	10
5	0	0	0	7	8	10
6	0	0	0	7	8	10
7	0	0	0	7	8	10
8	0	0	0	7	8	10
9	0	0	0	7	8	10
10	0	0	0	7	8	10
11	0	0	0	7	8	10
12	0	1	0	7	8	10
13	0	5	0	6	8	10
14	0	7	0	5	8	8
15	0	7	0	6	8	5
16	0	7	0	6	8	13
17	0	7	0	6	8	14
18	0	7	1	6	8	14
19	0	7	2	6	8	14
20	0	7	5	4	8	14
21	0	7	5	3	6	14
22	0	7	5	1	5	14
23	0	7	5	0	4	14
24	0	7	5	0	3	14
25	0	4	5	0	3	14
26	0	3	6	0	3	14
27	0	3	6	0	3	15
28	0	1	7	2	3	14
29	0	0	6	5	3	14
30	0	0	7	7	2	14
31	0	0	—	7	7	—
Mean	1	3	2	5	6	12
Max.	10	7	7	7	8	15
Min.	0	0	0	0	2	5
A.F.	50	190	130	310	380	700
Water diverted	1760 A.F.					

DAILY DIVERSIONS OF CANALS--1964

WINTER CREEK DIVERSIONS
Summary in Acre-feet---1964

	<u>Oct.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Diverted from:							
North Platte River.....	0	570	1150	1730	1630	1260	6390
Winter Creek.....	70	1300	2110	3060	3060	3220	12820
Total diversion.....	70	1870	3260	4790	4740	4480	19210

Water diverted 19210 A.F.
Acreage reported D-952-5748

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DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

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DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For the Water Year Ending September 30, 1963

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	300	180	170	110	70	120	80	2480	1190	550	910	1680	7340
Bayard Sugar Factory Drain	2470	2210	1860	1220	1240	1310	620	1380	2030	740	1160	1790	18030
∧Cleveland Drain	600	140	120	70	110	220	200	1100	1260	900	510	1200	6430
*DeGraw Drain	430	230	310	260	170	280	170	140	160	110	80	330	2670
∧Dugout Creek, Upper	480	320	250	220	140	120	70	440	420	540	720	1250	4970
*Fairfield Seep	60	40	0	0	40	60	30	90	110	80	200	200	910
*Fanning Seep	60	60	40	0	0	0	0	0	40	0	0	0	200
Gering Drain	2460	1630	1610	1240	1320	1200	1110	4340	4390	3550	3790	4490	31430
Horse Creek	4130	2110	1710	1060	2230	1250	910	6490	5420	2720	3360	9070	40510
∧Indian Creek	1420	410	310	310	250	250	240	630	990	820	1400	1670	8700
*Lane Drain	230	160	120	120	100	60	60	60	100	10	90	330	1440
∧Melbeta Drain	60	110	120	90	70	120	70	840	750	780	340	870	4220
Nine Mile Drain	8430	5940	5180	4600	4000	4100	3370	7910	6720	6520	8870	12870	79060
Red Willow Creek	4830	4530	4120	3670	3300	3570	2360	4120	4640	3230	4530	9960	52960
*Scottsbluff Drain No. 1	240	120	120	110	60	60	80	440	170	190	670	890	3150
*Scottsbluff Drain No. 2	250	120	120	120	110	120	130	450	560	360	630	1110	4080
Sheep Creek	6040	5680	5250	4390	4130	4430	3820	380	2040	380	270	1630	39040
Spotted Tail Creek, Dry	2020	1240	1210	1290	1240	1560	2030	1260	910	850	780	2090	16430
*Spotted Tail Creek, Wet	720	620	550	700	690	380	350	760	430	690	1070	630	7690
Tub Springs	3410	2580	2030	1900	1610	1700	1530	1930	2580	350	960	2380	22960
Winter Creek	4560	3040	2700	3010	2500	2920	2040	1810	3430	1390	3270	5040	35710
Totals	43300	31470	27900	24990	23430	23830	19770	37050	33390	25110	33610	59580	388480

*Estimated for entire year from measurements.

∧Estimated October-April, inclusive. One reading daily May-September.

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
 BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT
 Values in Acre-feet
 For the Water Year Ending September 30, 1964

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	510	230	130	110	60	70	90	1700	6960	750	1280	2790	14630
Bayard Sugar Factory Drain	1870	1810	1510	1230	1290	1310	1330	470	1750	160	430	420	13530
✓Cleveland Drain	1170	290	160	60	60	60	210	770	1460	600	490	360	6190
*DeGraw Drain	510	390	170	120	200	200	340	270	160	100	150	200	2810
✓Dugout Creek, Upper	1180	500	340	230	80	120	100	550	1300	620	560	840	6420
*Fairfield Seep	120	60	50	0	0	0	160	120	350	360	360	360	1940
*Fanning Seep	170	120	50	0	0	0	0	0	0	0	0	0	340
Gering Drain	2260	1800	1540	1380	1260	1220	1340	1870	3620	3610	3270	3330	26500
Horse Creek	3550	2020	1540	1320	1020	960	1310	3220	9900	2520	2960	4930	35300
✓Indian Creek	1050	500	360	310	230	250	290	1010	1230	670	970	1130	8000
*Lane Drain	230	170	140	170	100	70	90	60	110	80	180	260	1660
✓Melbeta Drain	60	60	120	220	120	120	100	390	970	430	100	40	2730
Nine Mile Drain	8900	6350	5670	4770	3900	4190	4110	5050	9030	7470	11180	14110	84730
Red Willow Creek	7780	5240	4630	4090	3530	3530	3450	3350	5910	3610	4360	6920	56400
*Scottsbluff Drain No. 1	520	260	120	120	60	60	30	40	160	200	510	400	2480
*Scottsbluff Drain No. 2	740	160	120	120	120	60	120	170	570	290	630	1070	4170
Sheep Creek	6530	5850	5220	4850	4050	4100	4200	1820	140	270	260	1590	38930
Spotted Tail Creek, Dry	2730	2580	1950	1630	1670	1740	1610	1600	670	330	820	1330	19210
*Spotted Tail Creek, Wet	680	640	550	530	460	490	500	510	570	530	920	930	7310
Tub Springs	3370	2670	2400	1870	1590	1670	1570	1550	2620	260	370	2340	22340
Winter Creek	4630	3240	2780	2480	2350	2510	2540	1810	2220	1070	2670	4630	32930
Totals	48610	34940	29550	25660	22150	22730	23490	26330	49760	24430	32470	48530	388650

*Estimated for entire year from measurements.

✓Estimated October-April, inclusive. One reading daily May-September.

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

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DIVERIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1963

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:								
Akers Draw.....	0	0	630	770	670	550	680	3300
Sheep Creek.....	0	0	3480	1950	4070	5660	4710	19870
Dry Spotted Tail Creek.....	0	0	0	0	880	1330	1100	3310
Wet Spotted Tail Creek.....	0	0	640	870	610	1180	2160	5460
Tub Springs.....	0	0	1130	650	1280	1260	990	5310
Enterprise Canal from:								
Dry Spotted Tail Creek.....	0	0	470	650	690	780	180	2770
Morrill Drain.....	0	0	110	90	120	140	330	790
Winter Creek.....	0	0	100	60	180	200	140	680
Tub Springs.....	0	0	80	120	1270	1120	770	3360
Winter Creek Canal from:								
Winter Creek.....	10	300	2350	1090	3230	3090	2500	12570
Alliance Canal from:								
Bayard Drain.....	0	400	1700	480	1300	1220	1240	6340
Red Willow Creek.....	1220	1170	2270	1430	2480	3460	2330	14360
Total.....	1230	1870	12960	8160	16780	19990	17130	78120

DIVERIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1964

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:								
Akers Draw.....	0	0	360	580	670	770	660	3040
Sheep Creek.....	0	0	1830	4150	4430	5690	4520	20620
Dry Spotted Tail Creek.....	0	0	0	260	830	1210	1090	3390
Wet Spotted Tail Creek.....	0	0	310	670	690	1130	1610	4410
Tub Springs.....	0	0	600	1070	2110	1900	1630	7310
Enterprise Canal from:								
Dry Spotted Tail Creek.....	0	0	200	1050	950	960	870	4030
Morrill Drain.....	0	0	0	60	60	190	170	480
Winter Creek.....	0	0	20	60	170	180	120	550
Tub Springs.....	110	0	270	390	1470	1850	430	4520
Winter Creek Canal from:								
Winter Creek.....	20	0	1110	1980	2750	2680	2520	11060
Alliance Canal from:								
Bayard Drain.....	0	0	1140	1200	1640	1600	2150	7730
Red Willow Creek.....	510	0	1650	2260	2630	3720	2850	13620
Total.....	640	0	7490	13730	18400	21880	13620	80760

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

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

Values in Acre-feet
For the Water Year Ending September 30, 1963

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey-Whalen	0	0	0	0	0	9680	52610	89650	25560	216310	212930	150070	756810
Whalen-State Line	0	0	0	0	0	0	0	22410	10930	30100	28640	17550	109630
State Line-Mitchell	400	0	0	0	0	0	520	48310	25400	87990	83820	51250	297690
Mitchell-Minatare	1700	120	0	0	0	0	780	11330	5380	16700	15970	10930	62960
Minatare-Bridgeport	3840	490	0	0	0	0	2340	20780	12140	21410	21340	15950	98290
Bridgeport-Lisco	660	0	0	0	0	0	150	7610	3680	7690	6680	2740	29410
Lisco-Keystone	4620	3300	630	0	0	0	2420	7530	7410	6820	5930	6440	45150
Keystone-North Platte	4930	2100	550	0	0	0	3090	19000	22170	34970	24280	12070	123160
North Platte-Odessa	4210	100	0	0	0	780	20120	70430	79800	189050	143780	22450	530720
Total, Guernsey-Odessa	20360	6110	1180	0	0	10460	82030	297050	192470	611040	543620	289500	2053820

For the Water Year Ending September 30, 1964

Guernsey-Whalen	27410	0	0	0	0	0	34340	87380	106210	211330	207210	149430	823310
Whalen-State Line	0	0	0	0	0	0	0	11640	21350	34170	30030	16090	113280
State Line-Mitchell	650	0	0	0	0	0	0	26840	50420	91040	88900	48720	306570
Mitchell-Minatare	3630	0	0	0	0	0	0	8750	12200	17110	17550	16200	75440
Minatare-Bridgeport	4360	0	0	0	0	0	140	13470	19710	22330	23850	21550	105410
Bridgeport-Lisco	410	0	0	0	0	0	0	3700	5470	7110	7130	4390	23760
Lisco-Keystone	3990	1750	100	0	0	0	90	5130	7110	5950	4750	6970	35840
Keystone-North Platte	3850	1060	100	0	0	0	560	14280	19420	31620	24750	24340	120430
North Platte-Odessa	1460	0	0	0	0	2540	21190	69340	69250	143160	130780	49600	487320
Total, Guernsey-Odessa	45760	2810	200	0	0	2540	56320	240530	311140	563870	534950	338290	2096410

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SUMMARY
ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS
BASED ON ACREAGE REPORTS

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ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS
 Concluded
 Based on Acreage Reports

	Water Year Ending September 30, 1963			Water Year Ending September 30, 1964		
	Acreage Reported	Water Diverted	Acre-ft. Per Acre	Acreage Reported	Water Diverted	Acre-ft. Per Acre
Meredith-Ammer	435	920	2.11	579	1000	1.73
**Middle Loup PPID No. 1	3364	5060	1.50	3369	4870	1.45
**Middle Loup PPID No. 2	4181	5720	1.37	4124	4600	1.12
**Middle Loup PPID No. 3	9140	12440	1.36	9250	10180	1.10
**Middle Loup PPID No. 4	8607	14820	1.72	8986	11100	1.24
Midland-Overland	2214	2090	0.94	2214	2690	1.21
Minatare	9372	17790	1.90	9372	25850	2.76
Mirage Flats	11759	16610	1.41	11759	16770	1.43
Mitchell	13633	19400	1.42	13633	25880	1.90
Moore-Kay	400	1300	3.25	400	970	2.42
Naponee	1537	3110	2.02	1537	3900	2.54
Nine Mile	5618	15080	2.68	5689	19170	3.37
**No. Loup PPID Taylor-Ord	14639	25060	1.71	15048	20620	1.37
**No. Loup PPID Burwell-Sumter	8099	15700	1.94	8095	12210	1.51
**No. Loup PPID Ord. No. Loup	6557	11920	1.82	6644	8140	1.23
North Platte	14067	47490	3.38	14067	46780	3.33
Northport	16109	75120	4.66	16109	65550	4.07
Orchard-Alfalfa	5980	6630	1.11	5980	7610	1.27
Oshkosh	1442	1580	1.10	1442	1510	1.05
Paisley	1086	3730	3.43	1086	2180	2.01
Paxton-Hershey	7358	14990	2.04	7358	15010	2.04
Pioneer	947	2920	3.08	867	1890	2.18
Potmesil	473	1450	3.07	473	1830	3.87
Ramshorn	1651	4390	2.66	1651	4970	3.01
**Sargent	12882	23190	1.80	12816	17860	1.39
Sheridan-Wilson	918	2150	2.34	918	1660	1.81
Short Line	2861	9360	3.27	3020	8340	2.76
Six Mile	1173	1040	0.89	1173	2150	1.83
Suburban	6235	21960	3.52	6235	21820	3.50
Superior	5866	15430	2.63	5866	14740	2.51
Thirty Mile	23129	27200	1.18	23129	32410	1.40
*Tri-County	224769	368660	1.64	224525	329880	1.47
Tri-State	63061	191750	3.13	63061	209940	3.33
Union	1315	2680	2.04	1315	3370	2.56
Western	12567	22270	1.77	12567	14430	1.15
Winter Creek	5748	18170	3.16	5748	19210	3.34

SUMMARY
ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS
BASED ON ACREAGE REPORTS

	Water Year Ending September 30, 1963			Water Year Ending September 30, 1964		
	Acreage Reported	Water Diverted	Acre-ft. Per Acre	Acreage Reported	Water Diverted	Acre-ft. Per Acre
Alliance	6306	21700	3.44	9308	21350	2.29
Bartley	6459	11530	1.79	6773	11246	1.66
Beerline	2080	1700	0.82	2080	2430	1.17
Belmont	14351	29740	2.07	14351	30730	2.14
Birdwood	5287	10300	1.95	5287	9630	1.82
Blue Creek	2918	8020	2.75	2915	6950	2.38
Browns Creek	6058	14180	2.34	6177	14200	2.30
Cambridge	15702	32160	2.05	15604	30590	1.96
Castle-Rock Steamboat	6538	23010	3.52	6538	24770	3.79
Central	2088	3990	1.91	2088	5610	2.69
Chinney Rock	5188	16560	3.19	5188	19780	3.81
Cody-Dillon	4743	6460	1.36	4743	6360	1.34
Courthouse Rock	1486	3330	2.24	1486	3240	2.18
Courtland for Nebr. lds	1795	6730	3.75	1795	7390	4.12
Cozad	25540	27550	1.08	25540	22300	0.87
Culbertsen	21084	50700	2.40	21070	48670	2.31
Dawson County	84288	54380	0.65	84237	50020	0.59
Earnest	442	1230	2.78	442	1390	3.14
Empire	2191	6350	3.13	2191	6040	2.76
Enterprise	7572	26430	3.49	7572	26110	3.45
*Fort Laramie	105056	281770	2.68	105056	317050	3.02
Franklin	11166	28900	2.59	11169	29160	2.61
Franklin Pump	2110	3410	1.62	2110	3490	1.65
Gering	14310	42760	3.00	14310	33280	2.33
*Gothenburg	22445	32390	1.44	22445	29210	1.30
Graf	2089	2010	0.96	2089	2170	1.04
Harris-Neece	1109	3340	3.01	1109	2900	2.61
Hooper	877	2770	3.16	877	2540	2.90
Interstate	125074	475040	3.80	125074	506260	4.05
*Kearney	5620	12050	2.14	6967	13740	1.97
Keith-Lincoln Co.	6146	19810	3.22	6146	19220	3.13
Kimball	4500	4440	0.99	4500	2400	0.53
Last Chance	442	1540	3.48	442	1410	3.19
Lisco	3467	7740	2.23	3467	6480	1.87
McGinley-Stover	781	1530	1.96	781	840	1.08
Neeker-Driftwood	16636	40740	2.45	16636	34980	2.10

*For irrigation - exclusive of power

PRECIPITATION AT VARIOUS POINTS

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PRECIPITATION AT VARIOUS POINTS

Data Compiled by Water Year from Records
of the United States Weather Bureau
Values in Inches

	<u>Normal</u>		<u>1963</u>		<u>1964</u>	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION - 4080						
October	0.67	0.67	0.85	0.85	1.58	1.58
November	0.38	1.05	0.23	1.08	0.13	1.71
December	0.31	1.36	0.17	1.25	0.26	1.97
January	0.24	1.60	0.50	1.75	0.03	2.00
February	0.24	1.84	0.11	1.86	0.16	2.16
March	0.61	2.45	0.63	2.49	0.13	2.29
April	1.46	3.91	1.15	3.64	2.27	4.56
May	2.35	6.26	1.30	4.94	1.75	6.31
June	2.97	9.23	4.93	9.87	2.09	8.40
July	1.34	10.57	0.26	10.13	0.51	8.91
August	1.11	11.68	0.70	10.83	0.11	9.02
<u>September</u>	1.10	12.78	1.94	12.77	0.10	9.12
*51-year record						
*BRIDGEPORT STATION, MORRILL COUNTY--ELEVATION - 3666						
October	0.66	0.66	1.03	1.03	1.28	1.28
November	0.40	1.06	0.31	1.34	0.35	1.63
December	0.36	1.42	0.27	1.61	0.24	1.87
January	0.35	1.77	0.57	2.18	Trace	1.87
February	0.32	2.09	0.31	2.49	0.24	2.11
March	0.76	2.85	1.04	3.53	0.44	2.55
April	1.47	4.32	0.66	4.19	2.76	5.31
May	2.68	7.00	2.68	6.87	2.72	8.03
June	3.10	10.10	3.31	10.18	1.85	9.88
July	2.06	12.16	0.78	10.96	3.68	13.56
August	1.36	13.52	0.73	11.69	0.32	13.88
<u>September</u>	1.35	14.87	2.98	14.67	1.33	15.21
*66-year record						
*OSHKOSH STATION, GARDEN COUNTY--ELEVATION - 3393						
October	0.82	0.82	1.21	1.21	1.87	1.87
November	0.54	1.36	0.21	1.42	0.30	2.17
December	0.41	1.77	0.28	1.70	0.26	2.43
January	0.37	2.14	0.92	2.62	Trace	2.43
February	0.40	2.54	0.52	3.14	0.18	2.61
March	0.92	3.46	0.96	4.10	0.43	3.04
April	1.92	5.38	0.86	4.96	2.62	5.66
May	2.68	8.06	3.27	8.23	1.81	7.47
June	2.81	10.87	1.93	10.16	2.67	10.14
July	2.15	13.02	0.93	11.09	0.89	11.03
August	1.91	14.93	2.01	13.10	0.55	11.58
<u>September</u>	1.39	16.32	3.27	16.37	0.49	12.07
*51-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1963</u>		<u>1964</u>	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION - 2779						
October	0.91	0.91	0.43	0.43	0.67	0.67
November	0.50	1.41	0.09	0.52	0.62	1.29
December	0.40	1.81	0.66	1.18	0.24	1.53
January	0.43	2.24	0.48	1.66	Trace	1.53
February	0.52	2.76	0.15	1.81	0.62	2.15
March	0.98	3.74	0.71	2.52	1.26	3.41
April	2.01	5.75	1.09	3.61	3.76	7.17
May	2.95	8.70	3.98	7.59	2.06	9.23
June	3.25	11.95	1.82	9.41	4.78	14.01
July	2.52	14.47	1.60	11.01	4.52	18.53
August	2.13	16.60	2.18	13.19	2.63	21.16
<u>September</u>	1.67	18.27	6.03	19.22	1.02	22.18
*24-year record						
*LEXINGTON STATION, DAWSON COUNTY--ELEVATION - 2404						
October	1.49	1.49	0.78	0.78	0.19	0.19
November	0.70	2.19	0.08	0.86	0.49	0.68
December	0.66	2.85	0.77	1.63	0.24	0.92
January	0.50	3.35	1.03	2.66	0.09	1.01
February	0.72	4.07	0.19	2.85	1.67	2.68
March	1.10	5.17	1.82	4.67	0.27	2.95
April	2.38	7.55	2.20	6.87	3.61	6.56
May	3.23	10.78	1.12	7.99	0.20	6.76
June	3.74	14.52	2.44	10.43	3.98	10.74
July	2.99	17.51	1.63	12.06	4.03	14.77
August	2.70	20.21	2.90	14.96	2.50	17.27
<u>September</u>	1.98	22.19	5.61	20.57	1.02	18.29
*13-year record						
*GRAND ISLAND STATION, HALL COUNTY--ELEVATION - 1841						
October	0.96	0.96	1.35	1.35	0.06	0.06
November	0.76	1.72	0.11	1.46	0.25	0.31
December	0.56	2.28	0.63	2.14	0.13	0.44
January	0.63	2.91	0.70	2.84	0.07	0.51
February	0.74	3.65	0.21	3.05	0.92	1.43
March	1.27	4.92	1.17	4.22	1.64	3.07
April	2.28	7.20	1.39	5.61	4.97	8.04
May	3.85	11.05	3.28	8.89	0.43	8.47
June	3.79	14.84	3.22	12.11	4.50	12.97
July	2.51	17.35	2.18	14.29	3.00	15.97
August	2.35	19.70	3.06	17.35	3.44	19.41
<u>September</u>	2.15	21.85	3.45	20.80	1.27	20.68
*72-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1963</u>		<u>1964</u>	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
SIDNEY STATION, CHEYENNE COUNTY--ELEVATION - 4085						
October	0.76	0.76	0.68	0.68	3.64	3.64
November	0.47	1.23	0.32	1.00	0.04	3.68
December	0.46	1.69	0.19	1.19	0.22	3.90
January	0.32	2.01	0.94	2.13	Trace	3.90
February	0.33	2.34	0.14	2.27	0.19	4.09
March	0.88	3.22	1.31	3.58	0.66	4.75
April	1.87	5.09	0.52	4.10	2.26	7.01
May	2.78	7.87	3.05	7.15	2.60	9.61
June	2.85	10.72	1.70	8.85	2.06	11.67
July	1.99	12.71	3.56	12.41	2.16	13.83
August	1.79	14.50	1.78	14.19	0.12	13.95
September	1.27	15.77	1.99	16.18	0.71	14.66
<u>36-year record</u>						

*ORD STATION, VALLEY COUNTY--ELEVATION - 2062

October	1.14	1.14	0.63	0.63	0.26	0.26
November	0.73	1.87	0.10	0.73	0.30	0.56
December	0.68	2.55	0.62	1.35	0.19	0.75
January	0.66	3.21	1.32	2.67	0.20	0.95
February	0.78	3.99	0.36	3.03	1.59	2.54
March	1.49	5.48	1.12	4.15	2.12	4.66
April	2.29	7.77	1.76	5.91	2.38	7.04
May	3.46	11.23	1.47	7.38	0.62	7.66
June	3.79	15.02	1.65	9.03	4.87	12.53
July	2.37	17.39	3.64	12.67	2.38	14.91
August	2.18	19.57	4.10	16.77	2.76	17.67
September	1.98	21.55	3.88	20.65	3.08	20.75
<u>*73-year record</u>						

*FORT ROBINSON STATION, DAWES COUNTY--ELEVATION - 3807

October	0.86	0.86	1.39	1.39	1.09	1.09
November	0.61	1.47	0.25	1.64	Trace	1.09
December	0.44	1.91	0.42	2.06	0.15	1.24
January	0.45	2.36	0.53	2.59	0.11	1.35
February	0.55	2.91	0.45	3.04	0.75	2.10
March	1.11	4.02	1.28	4.32	0.24	2.34
April	2.23	6.25	1.54	5.86	3.24	5.58
May	3.39	9.64	1.71	7.57	3.39	8.97
June	3.16	12.80	2.98	10.55	3.85	12.82
July	1.72	14.52	1.26	11.81	0.45	13.27
August	1.50	16.02	0.52	12.33	1.79	15.06
September	1.47	17.49	2.65	14.98	0.35	15.41
<u>*80-year record</u>						

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1963</u>		<u>1964</u>	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION - 2565						
October	0.99	0.99	1.24	1.24	0.12	0.12
November	0.65	1.64	0.46	1.70	1.27	1.39
December	0.48	2.12	0.56	2.26	0.14	1.53
January	0.46	2.58	0.92	3.18	0.01	1.54
February	0.61	3.19	Trace	3.18	0.82	2.36
March	1.23	4.42	1.88	5.06	1.23	3.59
April	1.91	6.33	0.94	6.00	3.14	6.73
May	3.24	9.57	1.17	7.17	1.63	8.36
June	3.08	12.65	1.89	9.06	2.80	11.16
July	2.66	15.31	1.35	10.41	5.19	16.35
August	2.49	17.80	2.70	13.11	1.99	18.34
September	1.58	19.38	3.61	16.72	1.06	19.40
76-year record						
*GILNOA STATION, NANCE COUNTY--ELEVATION - 1584						
October	1.08	1.08	1.57	1.57	0.11	0.11
November	0.81	1.89	0.05	1.62	0.17	0.28
December	0.71	2.60	0.77	2.39	0.25	0.53
January	0.62	3.22	0.65	3.04	0.10	0.63
February	0.81	4.03	0.17	3.21	1.15	1.78
March	1.24	5.27	1.09	4.30	1.75	3.53
April	2.20	7.47	2.40	6.70	5.85	9.38
May	3.63	11.10	1.85	8.55	7.47	16.85
June	4.48	15.58	3.22	11.77	8.65	25.50
July	2.87	18.45	2.87	14.64	2.79	28.29
August	2.73	21.18	4.31	18.95	2.69	30.98
September	2.19	23.37	4.01	22.96	5.10	36.08
88-year record						
*HOLDREGE STATION, PHELPS COUNTY--ELEVATION - 2335						
October	1.18	1.18	1.64	1.64	0.56	0.56
November	0.77	1.95	0.15	1.79	0.06	0.62
December	0.57	2.52	0.66	2.45	0.33	0.95
January	0.60	3.12	0.71	3.16	0.08	1.03
February	0.78	3.90	0.04	3.20	1.20	2.23
March	1.28	5.18	1.51	4.71	1.91	4.14
April	2.36	7.54	0.83	5.54	1.97	6.11
May	3.86	11.40	1.01	6.55	0.62	6.73
June	4.20	15.60	4.03	10.58	6.36	13.09
July	2.42	18.02	2.24	12.82	2.57	15.66
August	2.45	20.47	1.74	14.56	2.36	18.02
September	2.23	22.70	6.90	21.46	1.56	19.58
*74-year record						

MONTHLY EVAPORATION IN ACRE-FEET

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MONTHLY EVAPORATION IN FEET--1963

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
Pathfinder Dam	0.407	0.720	0.826	1.009	0.812	0.620	0.508
Whalen Dam	f	0.654	0.814	0.963	0.817	0.512	f
Bridgeport	0.451	0.618	0.758	0.859	0.729	0.499	0.333
Kingsley Dam	f	0.547	0.778	0.874	0.662	0.394	0.373
North Platte	0.537	0.537	1.005	1.202	0.856	0.458	f

MONTHLY EVAPORATION IN FEET--1964

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
Pathfinder Dam	0.377	0.671	0.690	1.123	0.938	0.744	0.500
Whalen Dam	f	0.713	0.682	0.982	0.869	0.596	f
Bridgeport	0.487	0.681	0.674	0.888	0.778	0.523	0.383
Kingsley Dam	f	0.636	0.722	0.944	0.707	0.518	f
North Platte	0.593	0.819	0.927	1.057	0.907	0.606	f

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

CONTRIBUTION FROM DRAINS

WYO-NEB LINE TO BRIDGEPORT

