

OFFICE
OF THE
STATE HYDROLOGIST

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

HYDROGRAPHIC REPORT

1969 — 1970

DEPARTMENT OF WATER RESOURCES

Dan S. Jones, Jr.
Director

Irrigation, Water
Power and Drainage
Registration of Wells



State of Nebraska

J. JAMES EXON, Governor
P. O. Box 94607
LINCOLN 68509

IN REPLY REFER TO

January 1972

The Honorable J. James Exon
Governor of Nebraska
Lincoln, Nebraska

Dear Governor Exon:

I have the honor to transmit to you herewith a hydrographic report for the water years 1969 and 1970.

This report contains the records of daily diversions of water from streams for irrigation and power purposes. It also contains discharge records of certain natural streams and storage in reservoirs not otherwise published in the U. S. Geological Survey's "Nebraska Surface Water Records."

Respectfully submitted,

Dan S. Jones, Jr.
Director of Water Resources

DSJ:ejm

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

STORAGE IN RESERVOIRS

DAILY DISCHARGE RECORDS OF MISCELLANEOUS
STREAMS AND CANAL DIVERSIONS

1969 - 1970

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

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HYDROGRAPHIC REPORT 1969 AND 1970

INTRODUCTION

The records of daily diversions of water from streams by canals during the 1969 and 1970 water years are published in this Hydrographic Report. Also published herein are discharge records for Nebraska streams and storage in Nebraska reservoirs which are not published by the United States Geological Survey. The records are in alphabetical order by the name of the reservoir, stream or canal.

The basic stream gaging program in Nebraska is carried on under a cooperative agreement between the Water Resources Division, U. S. Geological Survey, and the Nebraska Department of Water Resources. Additional stream flow records are collected in the State by the U. S. Geological Survey in cooperation with other Federal agencies, the Nebraska Department of Roads and certain local agencies. All such cooperative 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 127, 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 nearly 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.

STORAGE IN RESERVOIRS

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

1969

BENNETT RESERVOIR STORAGE IN ACRE-FEET
 A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.
 Water Year Ending September 30, 1969

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	----	----	----
2	650	----	----	----	----	----	----	----	----	----	----	----
3	----	----	850	----	----	----	1040	----	----	----	----	140
4	----	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	----	----	----	----	----	----	----	----	----
6	----	----	----	----	890	960	----	----	----	----	340	----
7	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	----	----	----	----	580	----	----
9	----	----	----	840	----	----	----	----	----	----	----	----
10	----	----	----	----	----	----	----	----	730	----	----	----
11	----	----	----	----	----	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	----	----	----
13	----	----	----	----	----	----	----	----	----	----	----	----
14	----	800	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	----	1020	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----	----	----
17	670	----	----	----	----	----	970	----	----	----	----	----
18	----	----	----	----	940	----	----	----	----	----	----	----
19	----	----	----	----	----	990	----	----	----	----	----	280
20	----	----	----	----	----	----	----	----	----	----	----	----
21	----	----	----	----	----	----	----	----	----	----	300	----
22	----	----	----	880	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	440	----	----
24	----	----	870	----	----	----	----	----	670	----	----	----
25	----	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	960	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	1000	----	----	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----	----
31	740	----	----	----	----	----	----	----	----	----	----	----

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
 From Niobrara River--Sec. 28-29-49 W.
 Live Storage for Irrigation
 Water Year Ending September 30, 1969

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	13510	----	----	----	----	23300	----	----	13210	3750
2	----	----	----	----	----	18490	----	----	21760	----	----	----
3	----	----	----	----	----	----	----	----	----	----	----	----
4	----	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	----	----	----	----	----	----	----	----	----
6	----	----	----	----	----	----	----	----	----	----	11240	3350
7	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	19020	----	----	20260	20240	----	----
9	----	----	----	----	17000	----	----	----	----	----	----	----
10	----	----	----	----	----	----	----	----	----	----	----	----
11	----	----	14120	----	----	----	----	----	----	----	----	----
12	----	12240	----	15710	----	----	22330	23490	----	----	----	2950
13	----	----	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	19970	----	----	----
15	----	----	----	----	----	----	----	----	----	17400	7720	----
16	----	----	----	----	----	----	----	----	----	----	----	----
17	11040	----	----	----	----	----	22730	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	----	----	----
19	----	12640	----	16060	17560	----	----	----	----	----	----	----
20	----	----	----	----	----	20190	----	----	----	----	----	----
21	----	12800	----	----	----	----	----	----	----	16380	----	----
22	----	----	----	----	----	----	----	----	----	----	5610	----
23	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	----	----	----	----	----
25	----	----	----	----	----	----	----	----	16510	----	----	----
26	----	----	----	----	----	----	----	23550	----	----	----	----
27	11410	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	18160	----	----	----	----	----	----	3610
29	----	----	----	----	----	21260	----	----	----	----	----	----
30	----	----	----	16510	----	----	----	22620	20270	----	----	3690
31	----	----	15070	----	----	----	----	----	----	13690	3800	----

CRESCENT LAKE STORAGE IN ACRE-FEET
Head of Blue Creek--Sec. 21-20-44 W.
Water Year Ending September 30, 1969

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	----	----	----
2	----	----	----	----	----	----	----	----	----	----	----	----
3	----	----	----	----	----	----	----	----	----	1500	----	----
4	----	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	----	----	----	----	1240	----	----	----	----
6	----	----	----	----	----	----	----	----	1440	----	----	----
7	----	----	----	----	----	----	----	----	----	----	1420	----
8	----	----	----	----	----	----	----	----	----	----	----	----
9	----	----	----	----	----	----	----	----	----	----	----	----
10	----	----	----	----	----	----	----	----	----	----	----	----
11	----	----	----	----	----	----	----	----	----	----	----	----
12	----	1220	----	----	----	----	----	----	----	----	----	----
13	----	----	----	----	1200	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----
15	----	----	----	1060	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----	----	----
17	----	----	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	1450	----	----
19	----	----	----	----	----	----	----	----	----	----	----	1380
20	----	----	----	----	----	----	----	----	1550	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----
22	----	----	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	----	----	----	----	----
25	----	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----	----
31	----	----	----	----	----	----	----	----	----	----	----	----

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1969

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1621200	1646900	1629800	1635400	1673000	1720000	1759000	1820000	1875700	1903900	1801600	1624000
2	1621200	1649800	1629800	1635400	1673000	1720000	1762000	1820000	1875700	1903900	1801600	1621200
3	1624000	1649800	1629800	1635400	1673000	1723000	1765000	1820000	1875700	1903900	1792500	1615500
4	1624000	1649800	1629800	1638300	1675900	1726000	1771200	1820000	1875700	1903900	1786400	1612600
5	1624000	1649800	1629800	1638300	1678800	1726000	1774200	1823000	1872600	1903900	1780300	1609800
6	1624000	1649800	1632600	1638300	1678800	1729000	1777200	1826100	1872600	1907000	1777200	1607000
7	1624000	1649800	1632600	1641200	1681700	1729000	1780300	1829200	1872600	1910200	1771200	1607000
8	1624000	1649800	1632600	1644000	1684600	1729000	1780300	1832300	1872600	1913400	1765000	1604100
9	1626900	1649800	1632600	1644000	1687500	1729000	1783400	1835400	1869500	1910200	1759000	1601200
10	1626900	1646900	1632600	1646900	1690400	1729000	1783400	1838500	1869500	1910200	1753000	1598400
11	1626900	1646900	1635400	1649800	1690400	1732000	1786400	1838500	1872600	1907000	1744000	1595600
12	1629800	1644000	1635400	1649800	1693300	1732000	1789400	1841600	1875700	1903900	1738000	1592700
13	1629800	1644000	1638300	1649800	1696200	1732000	1789400	1841600	1875700	1900800	1732000	1592700
14	1629800	1644000	1638300	1652700	1699100	1735000	1792500	1844700	1878800	1897600	1726000	1589800
15	1632600	1644000	1638300	1655600	1699100	1735000	1795600	1844700	1878800	1894400	1717000	1587000
16	1635400	1641200	1635400	1655600	1699100	1735000	1798600	1847800	1881900	1891300	1708000	1584200
17	1638300	1641200	1635400	1658500	1699100	1738000	1801600	1850900	1885000	1885000	1702000	1581400
18	1638300	1641200	1635400	1661400	1699100	1741000	1801600	1854000	1888200	1878800	1693300	1578600
19	1638300	1638300	1635400	1661400	1699100	1744000	1804700	1857100	1888200	1875700	1687500	1575800
20	1638300	1638300	1635400	1664300	1699100	1747000	1804700	1860200	1891300	1869500	1681700	1575800
21	1638300	1638300	1635400	1667200	1702000	1747000	1807800	1863300	1891300	1863300	1675900	1573000
22	1638300	1635400	1632600	1667200	1705000	1750000	1810800	1866400	1894400	1860200	1673000	1573000
23	1641200	1635400	1632600	1667200	1708000	1750000	1810800	1866400	1897600	1854000	1667200	1573000
24	1641200	1635400	1632600	1667200	1711000	1753000	1810800	1869500	1897600	1847800	1661400	1573000
25	1641200	1632600	1632600	1670100	1711000	1756000	1813800	1869500	1897600	1841600	1655600	1573000
26	1644000	1632600	1632600	1670100	1714000	1756000	1816900	1869500	1900800	1838500	1649800	1573000
27	1644000	1632600	1632600	1670100	1717000	1756000	1816900	1872600	1900800	1832300	1644000	1573000
28	1644000	1632600	1632600	1673000	1717000	1756000	1816900	1872600	1900800	1826100	1638300	1573000
29	1646900	1629800	1632600	1673000	-----	1759000	1816900	1875700	1900800	1820000	1632600	1573000
30	1646900	1629800	1632600	1673000	-----	1759000	1816900	1875700	1903900	1813800	1629800	1573000
31	1646900	-----	1632600	1673000	-----	1759000	-----	1875700	-----	1807800	1626900	-----

SHERMAN RESERVOIR STORAGE IN ACRE-FEET
From Middle Loup River--Sec. 36-16-14 W.
Water Year Ending September 30, 1969

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	41540	47589	45806	44071	42795	41749	41129	41959	57686	65131	61076	33815
2	42168	47366	45583	44071	42586	41749	41129	41959	58462	65131	60012	33815
3	42795	47366	45583	44071	42586	41749	41129	41959	59495	65131	59237	33998
4	43423	47366	45583	43855	42586	41749	41129	42168	60278	65404	57945	34545
5	44071	47143	45367	43855	43586	41749	41129	42168	61076	65404	57177	34910
6	44719	47143	45367	43855	43586	41749	41129	42168	61607	65404	55921	35275
7	45367	47143	45151	43855	42377	41749	41129	42168	61873	65685	54917	36024
8	46029	46920	45151	43855	42377	41749	41129	42377	62139	65965	53698	36592
9	46698	46920	45151	43639	42377	41749	41129	42377	62405	65965	52966	37159
10	46920	46698	44935	43639	42377	41749	41129	42377	62671	65965	52241	37740
11	47366	46698	44935	43639	42377	41749	41129	42377	63491	65965	51531	38523
12	47812	46698	44935	43639	42168	41540	40926	42586	63764	65965	50584	39110
13	48042	46698	44935	43423	42168	41540	40926	42586	64038	65965	49650	39914
14	48272	46475	44935	43423	42168	41540	40926	42586	64584	65965	48272	40521
15	48272	46475	44719	43423	42168	41540	40926	42795	64857	65965	46698	41129
16	48042	46475	44719	43423	42168	41331	40926	42423	65131	62671	45367	41959
17	48042	46475	44719	43423	41959	41331	40926	44071	65131	64857	44071	42586
18	48501	46475	44719	43423	41959	41331	40926	44719	65404	63764	42795	43423
19	48501	46475	44719	43423	41959	41331	41129	45583	65404	63218	41540	44287
20	48501	46475	44719	43214	41959	41331	41129	46698	65404	62671	40116	45367
21	48501	46252	44503	43214	41959	41129	41331	47812	65131	62139	38719	46475
22	48272	46252	44503	43214	41959	41129	41331	48961	65131	62139	37544	47589
23	48272	46252	44503	43214	41959	41129	41331	50110	65131	62139	36781	48501
24	48272	46029	44503	43005	41959	41129	41540	51294	65131	62404	36213	49421
25	48042	46029	44287	43005	41959	41129	41540	52241	65685	62671	35646	50110
26	48042	46029	44287	43005	41959	41129	41749	53210	65685	62944	35275	50347
27	47812	46029	44287	43005	41959	41129	41749	54185	65685	63218	34727	50584
28	47812	46029	44287	43005	41959	41129	41959	55168	65404	63491	34545	50584
29	47812	45806	44287	42795	-----	41129	41959	55921	65404	63491	34180	50584
30	47589	45806	44287	42795	-----	41129	41959	56675	65404	62944	33998	50584
31	47589	-----	44287	42795	-----	41129	-----	57177	-----	62139	33998	-----

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, 1969

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	15130	19520	65050	63520	61070	65920	71950	64400	75990	80980	54460	50100
2	15130	20290	65620	63190	61120	66070	72230	63600	75900	80550	54890	50780
3	15200	21140	65910	63070	61240	66420	72600	62620	75500	80340	54830	51350
4	15120	21800	66330	62970	61440	66310	72700	61760	75340	80320	54490	51810
5	15070	23590	66600	62650	61500	66360	72950	60810	75340	80930	54260	52470
6	15020	25080	66820	62400	61790	66450	73140	59740	75850	80820	53530	53450
7	14970	27000	66940	62320	61910	66420	73650	59800	75360	80660	52790	53990
8	15070	28000	66880	61880	62170	66420	73870	59540	74780	80130	52270	54580
9	15080	30520	67240	61700	62350	66360	73730	59000	74010	79240	51720	55350
10	15100	31960	67470	61560	62550	66210	74110	58390	74340	77770	51310	55910
11	15130	33600	67590	61530	62730	66010	74090	57310	74290	74920	49640	57120
12	15300	35460	68100	61500	62760	66300	74440	56590	74540	71520	49450	57780
13	15490	36340	68230	61790	62710	66330	74690	56970	75350	68110	48980	58920
14	15660	37610	68330	62480	63120	66540	74560	58190	75300	65520	48290	59580
15	16050	37520	68490	62710	63360	66770	75080	59360	75770	63090	47990	60520
16	16290	40640	68660	62810	63680	66800	75040	62030	76360	60120	47160	60750
17	16350	42270	68970	63050	63830	66860	74820	64240	77270	57610	47180	62310
18	16640	43780	69270	63080	63920	67630	74540	66130	78030	55320	47570	62980
19	16780	46380	69560	63290	64090	67880	73730	68400	78890	53620	48040	63170
20	16920	48890	69640	63320	64300	68330	71900	70230	80020	53070	48180	63170
21	17080	51220	68740	63430	64420	68830	72140	70920	80990	53540	48300	62870
22	17350	52060	67840	62970	64540	68900	72400	71480	81990	53850	48080	62510
23	17440	54580	67160	61770	64510	68900	70650	72540	82670	54490	48040	61980
24	17630	55940	66470	61680	64690	68570	69770	73640	83560	54990	48190	59930
25	17800	57600	65780	61250	64760	68690	69350	74300	82880	55170	47610	60530
26	18000	59000	65520	61130	65020	69360	68500	74760	82260	55060	47040	59990
27	18140	60550	65510	60860	65140	70000	67480	74880	82050	54950	46700	59130
28	18230	61960	65060	60740	65680	70310	66910	75240	82090	54610	47050	57760
29	18420	63120	64920	60710	-----	70800	66150	75530	81590	54440	47460	56470
30	18570	64340	64290	61130	-----	71090	65140	76180	81370	54610	48710	54860
31	18770	-----	64020	61010	-----	71560	-----	76020	-----	54580	49430	-----

DISCHARGE IN SECOND FEET OF BUFFALO CREEK NEAR ELM CREEK
Sec. 33-9-18 W.--Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	0	10	41	52	40
2	0	6	41	57	44
3	0	6	62	53	54
4	0	10	62	55	50
5	0	12	64	41	72
6	0	13	37	46	46
7	0	9	43	34	46
8	0	9	42	46	70
9	0	8	76	8	48
10	0	8	72	8	30
11	0	12	52	8	17
12	40	30	47	8	17
13	42	29	45	16	34
14	10	37	29	28	32
15	8	42	26	16	25
16	8	41	15	15	54
17	7	32	26	14	52
18	5	39	26	14	28
19	2	33	19	14	51
20	2	39	15	50	21
21	6	23	24	50	19
22	10	21	26	48	34
23	10	20	34	57	26
24	10	102	35	52	22
25	9	49	49	53	19
26	5	50	60	55	15
27	3	81	61	45	15
28	3	58	50	44	15
29	18	55	47	56	14
30	19	39	53	40	13
31	10	--	51	42	--
Mean	7	31	43	36	34
Max.	42	102	76	57	72
Min.	0	6	15	8	13
A.F.	450	1830	2640	2230	2030

DISCHARGE IN SECOND FEET OF CEDAR CREEK NEAR
BROADWATER--Sec. 11-18-48 W.
Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	13	10	14	2	2
2	9	15	14	2	2
3	9	9	12	2	2
4	9	5	10	2	2
5	75	4	12	2	2
6	20	4	13	2	2
7	16	4	12	2	2
8	15	9	11	2	2
9	13	6	4	2	2
10	13	13	3	2	2
11	13	25	3	2	2
12	15	16	2	2	3
13	14	18	2	2	4
14	14	20	2	2	4
15	14	18	2	2	2
16	14	19	2	2	2
17	15	23	2	1	2
18	14	19	2	1	2
19	14	18	2	2	2
20	14	11	2	2	2
21	13	10	2	2	2
22	32	11	2	2	2
23	30	10	2	2	2
24	26	6	2	2	2
25	26	22	2	2	4
26	23	19	2	2	4
27	21	28	2	2	3
28	12	30	2	2	4
29	8	24	2	2	4
30	18	18	2	3	8
31	11	--	2	3	--
Mean	18	15	5	2	3
Max.	75	30	14	3	8
Min.	8	4	2	1	2
A.F.	1100	880	290	120	160

DISCHARGE IN SECOND FEET OF CLEVELAND DRAIN
Sec. 6-20-52 W.--Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	17	15	16	13	18
2	18	14	14	18	19
3	14	14	11	17	19
4	10	14	16	20	19
5	19	8	15	23	17
6	33	8	15	20	19
7	23	10	19	10	19
8	21	13	22	10	20
9	19	18	19	7	20
10	20	18	20	8	22
11	18	26	26	7	20
12	19	32	27	5	17
13	19	36	20	6	20
14	19	33	17	6	15
15	20	29	23	12	16
16	22	27	26	8	18
17	25	24	27	8	20
18	25	26	22	11	19
19	23	24	19	7	16
20	23	22	21	6	17
21	23	23	21	5	15
22	23	19	21	5	16
23	23	20	25	10	13
24	21	18	20	11	11
25	21	21	27	13	15
26	19	20	24	15	15
27	17	17	28	11	15
28	18	16	26	14	15
29	17	15	19	15	14
30	14	17	13	15	14
31	14	--	10	14	--
Mean	20	20	20	11	17
Max.	33	36	28	23	22
Min.	10	8	10	5	11
A.F.	1220	1180	1250	690	1020

DISCHARGE IN SECOND FEET OF COLD WATER CREEK
NEAR LISCO--Sec. 34-18-46 W.
Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	1	0	0	0	0
2	1	0	0	0	0
3	1	0	0	0	0
4	1	0	0	0	0
5	3	0	0	0	0
6	2	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	3	0	0
22	0	0	3	0	0
23	0	0	3	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.	3	0	3	0	0
Min.	0	0	0	0	0
A.F.	20	0	20	0	0

DISCHARGE IN SECOND FEET OF DAWSON COUNTY DRAIN NO. 2
 Sec. 25-10-23 W.--Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	3	2	3	7	6
2	3	2	3	8	6
3	3	2	3	7	6
4	3	2	3	6	5
5	2	2	2	6	6
6	3	2	4	6	5
7	3	2	3	5	5
8	3	2	4	7	5
9	3	2	4	8	5
10	3	2	4	8	5
11	3	9	4	8	4
12	3	3	4	8	4
13	3	2	4	9	4
14	3	3	5	9	4
15	3	2	5	9	4
16	11	2	5	8	4
17	3	2	8	8	4
18	3	3	8	8	4
19	3	3	8	7	5
20	3	3	6	7	4
21	3	3	5	8	4
22	3	3	6	7	4
23	3	3	6	8	4
24	3	3	8	8	4
25	3	4	6	8	4
26	3	3	6	7	4
27	3	4	5	8	4
28	3	4	7	7	4
29	3	3	7	6	4
30	2	3	7	6	4
31	2	-	8	6	-
Mean	3	3	5	7	4
Max.	11	9	8	9	6
Min.	2	2	2	5	4
A.F.	190	170	320	450	270

DISCHARGE IN SECOND FEET OF DUGOUT CREEK, UPPER
 NEAR NORTHPORT--Sec. 20-20-50 W.
 Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	5	6	25	26	28
2	6	36	34	26	17
3	6	55	25	29	19
4	5	17	34	32	9
5	10	25	38	29	10
6	3	30	10	25	11
7	2	18	7	8	10
8	2	19	50	6	18
9	2	23	32	6	39
10	2	24	17	6	41
11	3	27	18	26	18
12	3	25	21	26	19
13	3	22	21	23	12
14	4	18	18	24	14
15	14	48	18	28	13
16	22	48	28	33	13
17	75	49	23	10	16
18	74	50	21	11	16
19	82	46	20	27	15
20	79	35	22	29	18
21	33	18	7	22	18
22	30	56	14	22	36
23	36	29	16	24	39
24	32	43	21	22	25
25	16	34	24	18	27
26	12	36	28	10	24
27	9	45	28	11	25
28	7	48	28	8	24
29	4	46	5	12	24
30	4	27	4	30	13
31	6	--	10	34	--
Mean	19	33	22	21	20
Max.	82	56	50	34	41
Min.	2	6	4	6	9
A.F.	1170	1990	1320	1280	1210

DISCHARGE IN SECOND FEET OF ELM CREEK
 NEAR ELM CREEK--Sec. 33-9-18 W.
 Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	0	1	8	5	6
2	0	2	7	6	4
3	0	2	7	5	8
4	0	3	6	4	8
5	0	2	5	6	9
6	0	2	5	6	9
7	0	0	7	8	9
8	0	1	7	8	5
9	0	0	7	0	0
10	0	0	4	0	0
11	0	2	4	0	3
12	0	9	4	0	2
13	0	7	2	0	3
14	0	7	1	0	3
15	0	4	1	0	0
16	0	4	1	0	0
17	0	16	1	0	4
18	0	4	1	0	2
19	0	4	2	0	6
20	0	4	2	5	4
21	0	6	1	5	3
22	5	7	2	5	0
23	3	8	4	2	0
24	3	19	4	2	0
25	2	8	5	5	0
26	2	15	5	5	0
27	2	18	5	6	0
28	2	17	5	6	0
29	2	8	4	6	0
30	2	8	4	6	0
31	1	-	6	6	-
Mean	1	6	4	3	3
Max.	5	19	8	8	9
Min.	0	0	1	0	0
A.F.	50	370	250	210	170

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, 1969

Date	May	June	July	Aug.	Sept.
1	26	25	22	20	16
2	27	25	23	20	16
3	26	24	24	21	15
4	25	24	24	21	16
5	25	23	25	22	18
6	25	22	29	22	18
7	28	24	29	21	15
8	31	25	30	17	14
9	28	24	29	17	14
10	27	24	27	18	14
11	25	36	25	18	14
12	26	31	25	18	14
13	26	20	24	18	16
14	26	42	23	18	16
15	25	44	22	16	17
16	22	25	25	16	16
17	37	25	22	16	16
18	32	24	22	16	22
19	30	28	22	17	21
20	33	24	22	17	21
21	32	24	24	16	22
22	32	27	25	16	22
23	28	27	25	16	22
24	28	28	28	16	22
25	28	151	25	16	22
26	27	75	24	16	22
27	25	33	22	16	22
28	25	25	20	16	22
29	26	23	19	16	22
30	26	21	20	16	22
31	26	--	21	16	--
Mean	28	32	24	18	18
Max.	37	151	30	22	22
Min.	25	20	19	16	14
A.F.	1690	1930	1480	1080	1090

DISCHARGE IN SECOND FEET OF INDIAN CREEK
NEAR NORTHPORT--Sec. 19-20-50 W.
Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	2	14	16	22	16
2	2	10	19	19	26
3	2	14	15	22	25
4	1	10	11	22	31
5	2	8	12	12	41
6	7	19	12	13	30
7	4	8	19	16	29
8	4	9	13	15	32
9	4	8	12	14	28
10	4	10	14	14	33
11	4	8	19	17	33
12	4	8	11	11	32
13	4	10	14	12	26
14	4	11	15	11	26
15	4	12	22	14	26
16	4	12	12	18	26
17	4	12	9	16	17
18	4	12	9	25	20
19	3	14	12	20	15
20	17	13	17	20	16
21	14	17	27	16	24
22	14	16	18	16	26
23	15	22	18	15	27
24	12	25	24	16	24
25	15	26	13	29	30
26	17	24	14	26	27
27	12	22	14	29	24
28	9	19	18	27	27
29	9	19	15	28	25
30	7	20	20	24	24
31	5	--	20	26	--
Mean	7	14	16	19	26
Max.	17	26	27	29	41
Min.	1	8	9	11	15
A.F.	420	860	960	1160	1560

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, 1969

Date	May	June	July	Aug.	Sept.
1	3	3	3	6	6
2	3	3	3	6	6
3	3	3	9	6	6
4	3	3	4	6	6
5	3	3	6	6	6
6	3	3	6	6	6
7	3	3	6	6	6
8	3	3	7	6	6
9	3	3	8	6	6
10	3	3	7	6	6
11	3	3	6	6	6
12	3	3	6	6	1
13	3	3	6	5	1
14	3	3	7	6	1
15	3	3	6	6	1
16	3	3	6	6	1
17	3	3	7	6	2
18	3	3	6	6	2
19	3	3	6	6	2
20	3	3	6	6	2
21	3	3	6	6	2
22	3	3	6	6	2
23	3	3	6	4	2
24	3	3	6	3	2
25	3	3	6	4	2
26	3	3	6	3	2
27	3	3	6	3	2
28	3	3	4	2	2
29	3	3	6	2	2
30	3	3	6	2	2
31	3	--	6	1	--
Mean	3	3	6	5	3
Max.	3	3	9	6	6
Min.	3	3	3	1	1
A.F.	180	180	370	310	200

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
ABOVE BENNETT RESERVOIR--Sec. 29-15-55 W.
Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	9	0	0	0	3
2	8	0	0	0	0
3	8	0	0	0	0
4	9	0	0	0	0
5	9	0	0	0	0
6	9	0	0	0	0
7	10	0	0	0	0
8	2	0	0	0	4
9	3	0	3	0	0
10	9	0	3	0	4
11	10	0	6	0	0
12	8	0	6	0	9
13	8	0	0	0	6
14	9	0	0	3	5
15	7	0	0	0	8
16	7	0	0	0	8
17	8	0	0	0	7
18	9	0	0	0	8
19	9	0	0	0	7
20	8	0	0	0	6
21	9	0	0	0	7
22	7	0	0	0	7
23	10	0	6	0	8
24	9	0	6	0	0
25	2	0	6	0	4
26	1	0	0	0	4
27	0	0	0	0	6
28	0	0	0	0	8
29	0	0	0	0	8
30	0	0	0	0	7
31	0	--	0	8	--
Mean	6	0	1	0	4
Max.	10	0	6	8	9
Min.	0	0	0	0	0
A.F.	390	0	70	20	270

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
BELOW BENNETT RESERVOIR--Sec. 22-15-55 W.
Water Year Ending September 30, 1969

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

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR
MELBETA--Sec. 13-21-54 W.
Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	2	15	22	7	23
2	1	19	12	12	16
3	1	18	10	10	15
4	2	14	12	7	18
5	2	12	20	9	17
6	2	23	16	7	16
7	2	20	18	6	18
8	2	15	19	5	22
9	2	16	13	5	22
10	3	24	12	5	18
11	3	26	16	5	20
12	3	10	17	4	20
13	3	12	9	3	20
14	4	11	9	4	11
15	4	24	28	4	12
16	5	20	30	4	12
17	5	17	30	4	13
18	5	23	30	10	15
19	5	22	24	1	14
20	5	23	26	4	14
21	5	24	28	3	16
22	22	23	22	4	15
23	19	16	18	1	14
24	8	20	14	2	26
25	7	19	18	6	29
26	6	19	16	7	32
27	14	21	18	2	28
28	12	17	11	5	8
29	12	22	8	15	8
30	9	21	9	24	12
31	16	--	9	26	--
Mean	6	19	18	7	17
Max.	22	26	30	26	32
Min.	1	10	8	1	8
A.F.	380	1120	1080	440	1040

DISCHARGE IN SECOND FEET OF NORTH PLATTE RIVER PASSING
TRI STATE DAM--Water Year Ending September 30, 1969

Date	Apr.	May	June	July	Aug.	Sept.
1	746	164	8	61	18	10
2	752	116	6	12	18	10
3	766	85	6	12	18	8
4	777	88	6	10	18	8
5	774	21	6	10	18	8
6	749	4	5	51	16	7
7	770	4	28	71	20	7
8	808	4	211	19	18	6
9	834	4	192	6	16	6
10	860	4	150	230	17	6
11	887	5	380	266	33	6
12	879	7	352	35	27	6
13	841	8	280	44	34	6
14	852	10	220	51	22	8
15	760	12	186	64	22	8
16	620	11	140	34	22	8
17	540	10	123	33	22	8
18	534	8	91	28	22	6
19	522	6	71	48	32	6
20	514	8	52	157	34	6
21	479	39	38	171	37	5
22	456	46	16	145	42	4
23	411	39	12	128	49	4
24	380	26	16	188	51	4
25	367	11	66	150	51	4
26	360	11	10	88	44	4
27	340	10	10	60	32	3
28	312	10	10	39	24	3
29	256	9	11	27	12	54
30	218	9	83	18	11	262
31	---	8	--	18	10	---
Mean	612	26	93	73	26	16
Max.	887	164	380	266	51	262
Min.	218	4	5	6	10	3
A.F.	36420	1580	5520	4510	1610	970
Total 6 months period 50610 A.F.						

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND
SOUTH PLATTE RIVERS NEAR NORTH PLATTE
Water Year Ending September 30, 1969

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1770	1290	1400	1120	1320	1500	1390	1350	1570	6400	2860	2200
2	1810	1270	1400	1110	1290	1440	1410	1310	1560	5730	2870	2110
3	1410	1270	1380	1170	1270	1410	1310	1340	1490	4760	2760	2040
4	1380	1300	1390	1130	1290	1310	1420	1300	1480	3890	2700	1940
5	1410	1470	1370	1180	1300	1290	1330	1320	1400	3230	2740	1840
6	1430	1670	1380	1240	1300	1260	1230	1330	1400	2890	2710	1770
7	1480	1490	1400	1300	1310	1250	1360	1330	1430	2540	2730	1750
8	1510	1400	1430	1300	1330	1260	1250	1450	1640	2070	2820	1640
9	1550	1430	1400	1300	1340	1270	1320	1300	1710	2020	3030	1670
10	1560	1400	1370	1250	1310	1320	1310	1350	1730	2210	3170	1640
11	1470	1340	1380	1300	1330	1430	1240	1300	1970	2500	3230	1610
12	1410	1280	1360	1390	1320	1360	1310	1320	2000	2720	3210	1480
13	1380	1370	848	1300	1300	1350	1200	1210	1840	3020	3190	1450
14	1380	1300	1420	1320	1280	1360	1270	1290	1920	3330	3280	1460
15	1380	1310	1380	1350	1310	1390	1260	1970	1890	3370	3380	1500
16	1770	1340	1300	1310	1290	1480	1300	4540	2070	3460	3480	1560
17	1590	1310	1290	1400	1300	1750	1280	4350	2330	3450	3440	1580
18	1460	1470	1300	1400	1310	1780	1290	3600	2460	3440	3340	1780
19	1420	1420	1240	1390	1300	1610	1290	2560	2750	3570	3320	1810
20	1440	1420	1240	1380	1310	1410	1250	1950	3220	3610	3300	1740
21	1460	1450	1230	1370	1320	1240	1240	2010	3450	3580	3280	1720
22	1500	1470	1200	1410	1410	1340	1220	2010	3640	3650	3220	1570
23	1460	1450	1280	1480	1490	1330	1230	2240	3900	3740	3070	1550
24	1480	1460	1280	1420	1490	1380	1190	2140	4720	3760	3040	1510
25	1450	1450	1280	1410	1520	1350	1200	2030	6750	3420	3060	1500
26	1430	1440	1300	1320	1580	1340	1240	1940	7470	3360	2920	1480
27	1380	1430	1250	1360	1590	1210	1270	1920	7810	3270	2800	1420
28	1380	1430	1150	1290	1550	1410	1360	1820	7870	3110	2660	1400
29	1380	1410	1100	1350	----	1320	1340	1860	7620	2950	2390	1390
2	1360	1430	1130	1390	----	1380	1330	1720	7000	2940	2130	1380
31	1380	----	1120	1350	----	1380	----	1640	----	2850	2320	----
Mean	1473	1399	1290	1316	1359	1384	1288	1897	3270	3382	2982	1650
Max.	1810	1670	1430	1480	1590	1780	1420	4540	7870	6400	3480	2200
Min.	1360	1270	848	1110	1270	1210	1190	1210	1400	2020	2130	1380
A.F.	90590	83250	79330	80910	75490	85110	76640	116630	194560	207950	183370	98160
Total acre-feet 1375360 A.F.												

DISCHARGE IN SECOND FEET OF PLATTE RIVER PASSING
TRI-COUNTY DIVERSION DAM--Sec. 10-13-29 W.
Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	52	61	8000	753	188
2	50	57	6050	775	132
3	52	61	4550	699	107
4	50	64	2690	596	101
5	50	61	1510	558	91
6	50	59	934	568	84
7	55	61	606	586	79
8	57	63	233	568	72
9	57	68	107	830	70
10	55	72	119	1020	64
11	55	110	258	1030	68
12	55	98	568	974	79
13	53	81	742	974	70
14	53	98	1130	1030	70
15	84	86	1320	1190	66
16	2390	132	1400	1220	66
17	3240	280	1510	1180	70
18	2240	419	1190	1060	66
19	1000	606	1240	1130	72
20	314	1110	1370	1130	72
21	223	1420	1540	1140	79
22	204	1640	1620	1120	81
23	291	1960	1600	1040	81
24	233	3090	1780	934	84
25	122	7350	1660	895	57
26	79	9540	1320	843	45
27	76	10900	1180	678	50
28	68	10400	1090	512	46
29	68	10900	934	384	64
30	63	9600	819	192	64
31	61	----	731	223	--
Mean	371	2350	1610	837	78
Max.	3240	10900	8000	1220	188
Min.	50	57	107	192	45
A.F.	22810	139730	98780	51440	4640
Total May-September			317400	A.F.	

DISCHARGE IN SECOND-FEET OF SILVERNAIL DRAIN
NEAR BRIDGEPORT--Sec. 6-19-49 W.
Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	7	16	30	14	24
2	7	32	32	14	23
3	7	21	15	17	23
4	7	23	16	24	16
5	12	21	18	19	18
6	18	16	9	20	22
7	18	18	4	17	32
8	18	34	21	21	35
9	6	35	17	15	28
10	5	35	14	8	31
11	5	35	13	8	22
12	5	27	19	8	19
13	5	27	13	19	21
14	5	38	7	17	18
15	5	30	12	18	18
16	5	40	11	17	14
17	5	32	12	18	26
18	36	30	18	20	27
19	38	31	18	13	15
20	32	31	14	10	16
21	30	23	24	10	12
22	34	33	22	23	14
23	33	33	13	20	19
24	21	33	16	26	18
25	20	40	20	12	16
26	26	32	27	26	18
27	20	40	29	26	19
28	9	32	25	18	19
29	6	35	24	18	12
30	6	36	20	19	11
31	21	--	18	29	--
Mean	15	30	18	18	20
Max.	38	40	32	29	35
Min.	5	16	4	8	11
A.F.	940	1800	1090	1080	1200

DISCHARGE IN SECOND-FEET OF STREVER CREEK
Sec. 1-8-20 W.--Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	9	7	34	43	25
2	9	6	31	45	29
3	9	7	32	54	31
4	9	6	32	50	26
5	8	6	32	50	33
6	15	6	32	46	39
7	9	5	27	36	46
8	14	5	31	37	32
9	11	4	20	18	27
10	10	5	16	17	27
11	8	43	16	20	28
12	8	34	14	21	26
13	7	28	14	25	25
14	8	27	13	19	23
15	7	22	13	22	17
16	7	17	15	28	16
17	8	20	33	32	15
18	8	26	34	4	30
19	7	31	26	11	52
20	8	30	29	36	24
21	8	15	36	35	22
22	12	16	8	36	17
23	10	18	35	30	16
24	9	29	36	29	14
25	8	41	46	30	13
26	7	34	54	28	12
27	6	31	39	31	6
28	5	34	45	32	6
29	5	37	44	31	6
30	6	34	40	27	6
31	10	--	48	26	-
Mean	9	21	30	31	23
Max.	15	43	54	54	52
Min.	5	4	8	4	6
A.F.	530	1240	1830	1880	1370

DISCHARGE IN SECOND FEET OF WHITE HORSE CREEK
Sec. 5-13-29 W.--Water Year Ending September 30, 1969

Date	May	June	July	Aug.	Sept.
1	16	9	15	11	10
2	15	10	14	11	9
3	15	10	14	11	8
4	15	10	14	11	9
5	17	10	14	10	9
6	17	10	14	9	9
7	17	11	15	9	9
8	22	11	15	9	9
9	19	10	13	9	9
10	17	10	10	9	9
11	16	17	10	8	9
12	14	21	10	8	9
13	14	19	5	8	9
14	14	24	4	8	9
15	13	18	4	5	8
16	13	23	8	5	8
17	14	20	10	5	8
18	14	18	10	4	10
19	14	17	9	3	11
20	14	16	9	3	11
21	16	17	10	3	10
22	17	17	11	3	10
23	17	15	12	7	10
24	14	15	12	7	10
25	14	35	12	7	10
26	13	33	12	7	10
27	12	35	14	7	10
28	10	26	10	7	9
29	10	17	10	7	9
30	11	15	10	7	9
31	10	--	10	10	-
Mean	15	17	11	7	9
Max.	22	35	15	11	11
Min.	10	9	4	3	8
A.F.	900	1030	670	450	550

DAILY DIVERSION OF CANALS 1969

DAILY DIVERSIONS OF CANALS--1969
 AINSWORTH CANAL from Snake River and Merritt Reservoir
 Measured through 15-foot Parshall flume--Sec. 29-31-30 W.

Date	May	June	July	Aug.	Sept.
1	0	70	67	435	213
2	0	73	82	404	163
3	0	80	88	408	131
4	0	88	102	427	105
5	0	104	112	412	78
6	0	104	125	404	70
7	0	104	114	408	70
8	0	108	84	410	73
9	0	113	74	404	82
10	0	117	68	408	84
11	0	111	68	439	89
12	0	99	68	475	84
13	0	90	73	473	80
14	10	70	91	502	88
15	100	69	128	494	93
16	121	70	162	457	91
17	71	70	177	453	90
18	56	69	227	441	86
19	56	69	285	439	75
20	56	69	295	433	68
21	56	69	376	381	68
22	58	68	421	361	66
23	60	71	435	342	60
24	60	78	467	342	54
25	60	73	475	341	51
26	60	62	443	357	51
27	60	64	441	352	51
28	60	62	443	325	51
29	60	61	459	304	51
30	60	61	459	228	51
31	66	--	455	224	--
Mean	36	81	238	396	82
Max.	121	117	475	502	213
Min.	0	61	67	224	51
A.F.	2240	4790	14610	24360	4890

Water diverted 50890 A.F.
 Acreage reported A-5218-34904; A-10620-Storage

DAILY DIVERSIONS OF CANALS--1969
 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	27	23	24	9	26
2	0	29	29	25	20	31
3	0	27	28	29	21	35
4	0	32	33	29	21	34
5	0	46	32	27	22	40
6	0	10	32	27	24	40
7	0	0	35	26	20	35
8	0	0	30	27	20	37
9	0	0	29	36	20	38
10	0	0	29	36	19	37
11	0	0	35	38	19	34
12	0	3	33	37	18	38
13	0	17	30	37	18	42
14	0	20	27	40	16	43
15	0	29	24	47	16	37
16	0	39	25	41	16	20
17	0	33	25	40	16	20
18	0	35	24	41	16	20
19	0	36	27	40	16	19
20	0	38	23	44	15	18
21	0	37	22	48	19	18
22	0	30	21	35	22	19
23	0	29	20	36	19	19
24	9	35	24	32	19	18
25	16	35	27	30	19	18
26	16	29	26	30	19	18
27	16	23	24	16	26	18
28	15	26	20	12	31	27
29	16	26	1	29	33	29
30	39	24	6	36	32	27
31	--	25	-	29	28	--
Mean	4	24	25	33	20	28
Max.	39	46	35	48	33	43
Min.	0	0	1	12	9	18
A.F.	250	1470	1520	2030	1250	1700

Water diverted 8220 A.F.
 Acreage reported D-874; 1035-2106

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	30	0	16	44	38	52	45
2	32	0	18	43	39	56	67
3	34	0	22	41	40	66	60
4	31	0	24	25	44	65	65
5	33	0	13	25	44	66	58
6	31	0	0	19	40	68	57
7	30	0	0	0	45	71	56
8	28	0	0	0	50	70	50
9	19	0	0	10	48	72	62
10	17	0	0	0	48	74	64
11	15	0	7	0	50	74	58
12	10	0	12	0	52	75	54
13	11	0	20	0	46	78	42
14	14	0	23	0	50	80	44
15	12	0	23	0	56	78	46
16	12	0	25	0	55	78	43
17	12	0	25	0	56	78	42
18	12	0	31	0	58	78	40
19	12	0	39	0	57	74	39
20	11	0	38	0	53	72	36
21	11	0	39	20	52	76	33
22	11	8	44	31	43	78	33
23	9	12	39	32	17	78	33
24	0	15	39	36	47	77	32
25	0	18	40	35	55	78	31
26	0	17	38	40	59	78	32
27	0	18	33	40	56	79	30
28	0	17	36	38	56	74	31
29	0	16	37	38	56	72	32
30	0	16	37	40	62	62	23
31	0	--	41	--	65	71	--
Mean	14	5	24	19	50	73	45
Max.	34	18	44	44	65	80	67
Min.	0	0	0	0	17	52	23
A.F.	870	270	1510	1100	3050	4460	2650

Water diverted 13910 A.F.
 Acreage reported D-874; 1035-4022; A-1181 (A-1432 O.D.)-80; A-1432-79; A-1436-18; Total-4199

DAILY DIVERSIONS OF CANALS--1969
 ATKINS-POLLY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 30-15-55 W.

Date	May	June	July	Aug.	Sept.
1	3	0	0	2	0
2	3	0	0	2	2
3	3	0	0	2	2
4	3	0	0	1	2
5	4	2	0	0	3
6	4	2	1	0	3
7	3	2	1	0	3
8	4	2	1	0	0
9	4	2	2	0	0
10	0	2	2	0	0
11	0	2	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	1	0	0	0	0
16	1	0	0	0	0
17	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	1	0	0	0	1
Ma x.	4	2	2	2	3
Min.	0	0	0	0	0
A.F.	60	30	10	10	30

Water diverted 140 A.F.
 Acreage reported D-342-55; D-344-30;
 A-897R-8; A-4531-50; Total-143

DAILY DIVERSIONS OF CANALS--1969
 BEERLINE CANAL from North Platte River
 Measured through rating flume--Sec. 24-19-49 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	13	0	13	5
2	0	0	15	0	13	0
3	0	0	19	0	14	0
4	0	0	20	0	12	0
5	0	0	19	0	10	0
6	0	0	18	0	10	0
7	0	0	17	0	10	0
8	0	0	16	28	9	5
9	0	0	9	45	8	6
10	0	0	9	30	9	6
11	0	0	13	23	9	5
12	0	0	15	22	9	4
13	0	0	18	22	9	3
14	0	0	10	22	5	2
15	0	0	5	21	5	2
16	0	0	4	22	6	1
17	0	0	3	23	6	1
18	0	0	2	22	6	1
19	0	0	1	22	9	1
20	0	0	0	22	11	0
21	0	0	0	22	15	0
22	0	0	0	24	15	1
23	0	0	0	19	18	1
24	0	0	0	14	21	1
25	0	0	0	15	18	1
26	0	0	0	15	12	0
27	0	0	0	16	11	1
28	0	0	0	17	11	1
29	0	0	0	18	11	2
30	0	2	0	5	11	2
31	0	13	-	9	5	-
Mean	0	0	8	16	11	2
Max.	4	13	20	45	21	6
Min.	0	0	0	0	5	0
A.F.	10	30	450	990	660	100

Water diverted 2240 A.F.
 Acreage reported D-887-2080

DAILY DIVERSIONS OF CANALS--1969
 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	13	26	62	0
2	19	0	18	31	70	17
3	19	0	22	37	66	31
4	19	0	20	48	83	34
5	18	0	19	53	104	36
6	19	0	18	52	117	37
7	19	0	18	60	123	37
8	19	0	18	83	116	36
9	14	0	6	98	111	33
10	13	0	0	104	111	28
11	6	0	0	100	102	24
12	0	0	0	92	91	9
13	0	0	0	89	88	0
14	0	0	0	99	84	0
15	0	0	0	111	84	0
16	0	4	0	126	85	0
17	0	6	0	136	87	0
18	0	6	0	136	84	0
19	0	4	0	133	80	0
20	0	3	0	125	75	0
21	0	0	0	108	71	0
22	0	0	0	57	62	0
23	0	0	0	37	60	0
24	0	0	0	36	28	0
25	0	0	9	15	0	0
26	0	18	14	0	0	0
27	0	20	17	7	0	0
28	0	11	21	21	0	0
29	0	12	22	21	0	0
30	0	12	22	21	0	0
31	0	12	--	34	0	-
Mean	6	3	9	68	66	11
Max.	19	20	22	136	123	37
Min.	0	0	0	0	0	0
A.F.	360	210	510	*4170	*4080	640

Water diverted 9970 A.F.
 Acreage reported A-3869dR-7100; A-6217-273;
 A-10196-157; A-11042-14; Total-7544
 *Pump turnout above diversion dam included

DAILY DIVERSIONS OF CANALS--1969
 BEISER CANAL from Niobrara River--Measured
 through rating flume--Sec. 4-29-56 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
19	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-1056-36

DAILY DIVERSIONS OF CANALS--1969
 BELMONT CANAL from North Platte River--Measured
 through 15-foot Parshall flume--Sec. 18-20-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	70	22	99	105	111	98
2	68	13	89	104	111	101
3	64	47	93	103	109	103
4	61	60	101	100	109	101
5	56	27	103	105	111	101
6	51	5	106	109	111	92
7	48	4	104	113	108	88
8	42	0	96	119	117	88
9	18	0	98	120	117	87
10	0	0	100	120	109	87
11	0	0	97	122	106	93
12	0	0	84	117	113	96
13	0	0	70	112	113	85
14	0	0	68	115	114	91
15	0	0	74	115	115	99
16	0	0	76	117	114	99
17	0	0	71	113	113	99
18	0	8	69	112	114	91
19	0	51	68	113	113	85
20	0	59	66	112	114	84
21	0	60	65	118	117	84
22	0	53	64	117	118	82
23	0	60	73	114	119	93
24	0	74	87	115	113	83
25	0	74	87	112	111	68
26	0	73	85	109	112	75
27	0	74	84	111	112	80
28	0	88	76	108	113	84
29	0	97	86	108	117	85
30	0	96	103	109	98	85
31	0	97	---	109	97	--
Mean	15	37	85	112	112	90
Max.	70	97	106	122	119	103
Min.	0	0	64	100	97	68
A.F.	950	2270	5040	6890	6880	5330
Water diverted 27360 A.F.						

DAILY DIVERSIONS OF CANALS--1969
 BELMONT CANAL from Cedar Creek--Measured
 through rating flume--Sec. 23-18-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	8	11
2	0	0	0	7	11
3	0	0	0	7	11
4	0	0	0	8	11
5	0	0	0	7	11
6	0	0	0	6	11
7	0	0	0	6	11
8	0	0	1	6	11
9	0	0	4	5	11
10	0	0	4	5	11
11	0	0	6	5	11
12	0	0	7	5	11
13	0	0	7	5	11
14	0	0	8	5	11
15	0	0	8	5	11
16	0	0	8	6	11
17	0	0	8	5	11
18	0	0	8	5	11
19	0	0	8	6	11
20	0	0	8	6	11
21	0	0	8	6	11
22	0	0	8	6	11
23	0	0	8	7	11
24	0	0	8	7	11
25	0	0	7	7	8
26	0	0	7	8	8
27	0	0	7	9	8
28	0	0	7	9	8
29	0	0	7	10	8
30	0	0	7	11	2
31	0	-	8	11	-
Mean	0	0	5	7	10
Max.	0	0	8	11	11
Min.	0	0	0	5	2
A.F.	0	0	330	410	610
Water diverted 1350 A.F.					

DAILY DIVERSIONS OF CANALS--1969

BELMONT CANAL
 Summary in Acre-feet--1969

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	950	2270	5040	6890	6880	5330	27360
Cedar Creek.....	0	0	0	330	410	610	1350
Total diversion.....	950	2270	5040	7220	7290	5940	28710

Water diverted 28710 A.F.
 Acreage reported D-828-14222

DAILY DIVERSIONS OF CANALS--1969
 BELMONT SPILL into Pumpkinseed Creek
 For D-B28 lands via Meredith-Ammer Canal
 Measured through 12-foot weir--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	0	7	0	0
2	0	0	6	0	0
3	0	0	3	0	0
4	8	0	0	0	0
5	9	0	0	0	0
6	1	0	0	0	0
7	1	0	0	0	0
8	2	0	0	0	0
9	2	0	0	0	14
10	1	0	0	0	11
11	0	0	0	0	10
12	0	0	0	0	9
13	0	0	0	0	7
14	0	0	0	0	4
15	0	0	0	0	1
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	2	0	0	0
25	0	1	0	0	0
26	0	1	0	0	0
27	0	6	0	0	0
28	0	8	0	0	0
29	0	7	0	0	0
30	0	8	0	0	0
31	0	-	0	0	-
Mean	1	1	1	0	2
Max.	9	8	7	0	14
Min.	0	0	0	0	0
A.F.	50	60	30	0	110

Water returned 250 A.F.

DAILY DIVERSIONS OF CANALS--1969
 BENNETT-KAY CANAL from Niobrara River
 Measured through rating flume--Sec. 1-28-54 W.

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

Water diverted 130 A.F.
 Acreage reported A-1249-241

DAILY DIVERSIONS OF CANALS--1969
 BENNETT CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 22-15-55 W.

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

Water diverted 180 A.F.
 Acreage reported A-691-86; A-1975 (storage only)-414; Total-500

DAILY DIVERSIONS OF CANALS--1969
 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	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 D-347-22; A-719R-61; A-724-8; Total-91

DAILY DIVERSIONS OF CANALS--1969
BIGELOW-SEYMOUR CANAL from Niobrara River
Measured through rating flume--Sec. 19-31-57 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 0A.F.
Acreage reported D-510-29

DAILY DIVERSIONS OF CANALS--1969
BIRDWOOD CANAL from Birdwood Creek--Measured
through 8-foot Parshall flume--Sec. 35-15-33 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	35	14	0	22	25	36	40
2	35	16	2	22	25	36	38
3	35	19	10	26	25	35	37
4	35	20	23	32	30	35	37
5	36	26	27	32	26	38	38
6	36	20	30	32	27	41	36
7	37	12	28	37	30	41	36
8	37	9	29	27	32	41	37
9	40	4	27	25	28	42	38
10	34	3	27	26	30	42	38
11	9	0	23	25	37	41	38
12	12	0	13	23	37	42	40
13	26	0	2	27	37	44	40
14	29	0	0	35	39	43	41
15	32	0	0	28	42	44	41
16	36	0	11	27	44	44	41
17	25	0	11	28	45	44	35
18	24	0	9	26	45	44	26
19	25	0	8	25	46	44	22
20	25	0	8	26	46	36	20
21	18	0	9	26	41	36	19
22	4	0	10	26	35	37	22
23	4	0	15	27	34	37	20
24	4	0	19	28	43	37	21
25	3	0	18	17	32	43	19
26	4	0	18	19	32	46	19
27	12	0	18	25	32	45	21
28	8	0	18	23	31	45	20
29	10	0	17	23	32	45	22
30	13	0	20	25	36	43	8
31	15	-	22	--	34	42	-
Mean	23	5	15	26	35	41	30
Max.	40	26	30	37	46	46	41
Min.	3	0	0	17	25	35	8
A.F.	1380	280	940	1570	2140	2520	1800

Water diverted 10630 A.F.
Acreage reported D-646-5287

DAILY DIVERSIONS OF CANALS--1969
BLUE CREEK CANAL From Blue Creek and Crescent Lake
Measured through 8-foot Parshall flume--Sec. 33-17-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	29	0	34	30	38	36
2	10	0	26	30	38	36
3	0	0	18	30	38	36
4	0	0	18	31	19	36
5	0	0	18	33	42	36
6	0	0	18	35	41	36
7	0	0	18	3	42	36
8	0	0	19	0	42	36
9	0	0	19	0	39	35
10	0	0	8	0	40	35
11	0	0	0	0	41	36
12	0	0	0	0	41	36
13	0	0	0	0	40	36
14	0	0	0	0	36	36
15	0	0	0	0	32	36
16	0	0	0	0	33	36
17	0	0	0	12	34	36
18	0	0	0	35	35	36
19	0	0	0	37	38	36
20	0	0	0	37	38	36
21	0	0	0	38	39	35
22	0	9	7	36	36	36
23	0	20	24	35	34	37
24	0	29	23	35	34	42
25	0	36	16	35	34	42
26	0	35	9	35	33	42
27	0	35	8	36	35	41
28	0	33	8	37	38	41
29	0	33	8	36	35	41
30	0	33	24	39	36	41
31	0	33	--	38	38	--
Mean	1	10	11	23	37	37
Max.	29	36	34	39	42	42
Min.	0	0	0	0	19	35
A.F.	80	590	640	1410	2260	2210

Water diverted 7190 A.F.
Acreage reported D-785-2532; D-795-339;
A-1154-30; Total-2901

DAILY DIVERSIONS OF CANALS--1969
BOURETT CANAL from Niobrara River--Measured
through rating flume--Sec. 33-30-56 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-4-100; A-1057-52;
Total-152

DAILY DIVERSIONS OF CANALS--1969
 BROWNS CREEK CANAL from North Platte River
 Measured through Parshall flume--Sec. 28-20-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	32	0	33	47	78	57
2	28	0	41	48	86	52
3	26	0	45	50	89	49
4	26	0	40	60	85	48
5	27	0	41	62	83	42
6	27	0	52	66	80	29
7	27	0	67	79	79	24
8	32	0	52	84	82	26
9	18	0	51	90	86	25
10	3	0	41	83	88	17
11	3	0	13	82	84	12
12	3	0	30	89	85	19
13	4	0	21	78	84	23
14	4	0	18	82	86	23
15	2	0	8	92	82	24
16	0	0	5	92	80	34
17	0	0	8	86	79	40
18	0	0	2	82	86	41
19	0	0	4	80	86	36
20	0	0	11	77	70	34
21	0	0	20	82	67	33
22	0	0	31	86	76	42
23	0	0	25	78	81	44
24	0	0	21	80	78	43
25	0	0	15	81	76	43
26	0	0	13	78	71	42
27	0	5	11	76	71	40
28	0	13	7	76	70	47
29	0	36	11	66	77	47
30	0	33	24	54	78	52
31	0	30	--	62	68	--
Mean	8	4	25	75	80	36
Max.	32	36	67	92	89	57
Min.	0	0	2	50	67	12
A.F.	520	230	1510	4620	4900	2160

Water diverted 13940 A.F.
 Acreage reported 0-857; 1033-6119

DAILY DIVERSIONS OF CANALS--1969
 CASTLE ROCK-STEAMBOAT CANAL from North Platte River
 Measured through rating flume--Sec. 14-21-54 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	61	0	39	63	83	89	76
2	65	0	43	69	90	90	73
3	66	0	50	78	92	88	71
4	63	0	49	78	83	88	72
5	60	0	53	80	91	89	72
6	60	0	53	83	92	89	72
7	58	0	48	81	93	89	72
8	55	0	50	77	89	91	72
9	51	0	50	78	91	83	72
10	50	0	49	78	89	83	72
11	49	0	51	68	91	83	71
12	47	0	53	65	87	83	72
13	44	0	53	59	87	84	72
14	42	0	55	55	92	84	72
15	40	15	56	52	92	84	72
16	11	30	52	50	93	85	74
17	0	30	51	49	95	86	75
18	0	27	53	49	92	87	75
19	0	27	53	50	87	87	74
20	0	27	54	53	87	88	75
21	0	28	54	55	89	89	76
22	0	30	54	55	89	87	66
23	0	31	53	54	91	87	62
24	0	34	51	58	93	87	62
25	0	34	50	59	84	84	63
26	0	34	49	60	89	77	63
27	0	34	52	62	90	77	64
28	0	35	56	68	89	83	61
29	0	35	55	78	89	82	59
30	0	37	56	79	89	80	60
31	0	--	60	--	90	78	--
Mean	27	16	52	65	90	85	70
Max.	66	37	60	83	95	91	76
Min.	0	0	39	49	83	77	59
A.F.	1630	970	3180	3850	5510	5240	4150

Water diverted 24530 A.F.
 Acreage reported D-921-6017; A-186R-471; A-350R-49;
 Total-6537

DAILY DIVERSIONS OF CANALS--1969
 CAMBRIDGE CANAL from Republican River--Measured
 through 15-foot Parshall flume--Sec. 27-4-25 W.

Date	May	June	July	Aug.	Sept.
1	0	48	70	254	0
2	0	47	107	281	0
3	0	47	171	278	0
4	0	45	201	308	0
5	0	38	203	348	0
6	0	33	213	352	0
7	0	34	257	345	0
8	0	34	238	303	0
9	0	34	248	269	0
10	0	34	206	267	0
11	0	37	172	258	0
12	0	33	161	262	0
13	0	25	158	228	0
14	0	0	181	231	0
15	0	0	224	224	0
16	0	0	277	229	0
17	0	0	316	240	0
18	0	0	357	258	0
19	36	0	262	265	0
20	48	0	240	276	0
21	46	0	203	273	0
22	53	0	154	255	0
23	54	6	137	233	0
24	58	52	118	89	0
25	57	52	45	0	0
26	54	57	0	0	0
27	52	56	36	0	0
28	60	50	75	0	0
29	53	50	107	0	0
30	32	51	145	0	0
31	28	--	181	0	-
Mean	20	29	176	204	0
Max.	60	57	357	352	0
Min.	0	0	0	0	0
A.F.	1250	1710	10840	12550	0

Water diverted 26350 A.F.
 Acreage reported A-3869a-16936; A-6218-
 556; A-9479-220; A-9763-128; A-10591-
 456; A-11041-270; Total-18566

DAILY DIVERSIONS OF CANALS--1969
 CENTRAL CANAL from North Platte River
 Measured through rating flume--Sec. 36-22-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	25	22	27	21
2	9	0	26	23	26	21
3	6	0	26	25	25	20
4	0	0	25	24	26	19
5	0	0	22	23	27	19
6	0	0	20	23	24	20
7	0	0	19	23	21	20
8	0	0	11	20	29	20
9	0	0	18	20	29	20
10	0	11	18	22	30	20
11	0	19	14	23	30	15
12	0	20	13	21	30	12
13	0	19	13	20	30	12
14	0	16	12	26	30	12
15	0	16	12	30	30	12
16	0	13	15	29	31	12
17	0	11	14	28	31	20
18	0	10	16	27	31	14
19	0	10	15	27	30	15
20	0	10	16	27	30	16
21	0	10	15	28	30	17
22	0	11	15	28	29	19
23	0	14	15	27	29	23
24	0	15	13	28	29	24
25	0	15	11	28	30	24
26	0	15	11	26	30	24
27	0	15	12	27	30	26
28	0	16	13	27	27	26
29	0	20	14	29	17	25
30	0	23	20	28	24	22
31	0	24	--	28	22	--
Mean	1	11	16	25	28	19
Max.	10	24	26	30	31	26
Min.	0	0	11	20	17	12
A.F.	50	660	970	1560	1710	1130

Water diverted 6080 A.F.
 Acreage reported D-926-2127

DAILY DIVERSIONS OF CANALS--1969
 CHAMPION CANAL from Frenchman River
 Measured through rating flume--Sec. 23-6-40 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	12	0	8	10	6	3	4
2	12	0	5	12	7	3	4
3	12	0	5	15	14	3	4
4	11	0	5	17	15	4	4
5	11	0	7	17	15	4	4
6	11	0	7	17	19	4	4
7	11	0	7	17	20	4	4
8	12	0	12	16	17	3	3
9	12	0	11	14	16	3	3
10	12	0	6	13	16	3	5
11	12	0	5	10	15	3	9
12	12	0	4	5	15	3	10
13	13	0	4	4	14	3	11
14	13	0	4	5	13	3	12
15	14	0	4	6	7	4	12
16	14	0	5	7	4	4	12
17	14	0	3	8	4	3	12
18	14	0	3	7	3	3	13
19	14	0	4	6	3	3	14
20	12	0	4	7	3	3	16
21	12	0	4	7	4	3	16
22	8	0	4	9	5	3	15
23	0	8	4	9	10	3	14
24	0	17	4	8	10	3	14
25	0	17	5	11	10	3	14
26	0	13	8	12	10	3	13
27	0	11	7	5	10	4	14
28	0	11	5	5	6	4	14
29	0	11	6	5	4	4	14
30	0	11	6	5	4	4	16
31	0	--	8	-	3	5	--
Mean	9	3	6	10	10	3	10
Max.	14	17	12	17	20	5	16
Min.	0	0	3	4	3	3	3
A.F.	530	200	350	570	600	210	600

Water diverted 3060 A.F.
 Acreage reported D-47-1248

DAILY DIVERSIONS OF CANALS--1969
 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	20	0	28	56	55	60	58
2	0	0	27	55	51	64	56
3	0	0	39	55	44	62	49
4	0	0	46	52	41	59	48
5	0	0	54	53	41	58	51
6	0	0	49	54	44	60	51
7	0	0	42	56	52	60	50
8	0	0	41	59	55	54	48
9	0	0	42	58	58	52	48
10	0	0	41	58	60	55	48
11	0	0	47	57	64	61	47
12	0	0	47	52	65	59	47
13	0	0	44	47	58	60	45
14	0	0	44	42	59	60	44
15	0	0	45	41	81	61	43
16	0	0	50	48	82	61	45
17	0	0	47	47	77	60	47
18	0	0	46	46	77	63	48
19	0	0	45	45	77	61	49
20	0	0	45	43	73	59	50
21	0	12	44	43	78	63	48
22	0	36	44	42	74	68	46
23	0	36	44	44	62	66	43
24	0	30	42	54	50	65	42
25	0	25	43	54	36	63	43
26	0	25	47	51	33	60	45
27	0	25	54	48	32	58	47
28	0	28	57	49	29	58	50
29	0	30	61	51	47	57	50
30	0	29	59	55	63	55	51
31	0	29	57	--	61	56	--
Mean	1	10	46	50	57	60	48
Max.	20	36	61	59	82	68	58
Min.	0	0	27	41	29	52	42
A.F.	40	600	2820	3000	3530	3680	2850

Water diverted 16520 A.F.
 Acreage reported D-844, 1031-5222; A-2190-47; Total-5269

DAILY DIVERSIONS OF CANALS--1969
 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	1	1
2	0	0	1	2	1
3	0	0	0	2	1
4	0	0	0	1	1
5	0	0	0	1	1
6	0	1	0	1	1
7	0	0	1	1	1
8	0	0	1	1	1
9	0	0	1	1	1
10	0	1	0	1	1
11	0	1	1	1	1
12	0	1	0	1	1
13	0	1	0	1	1
14	0	1	0	1	1
15	0	1	0	1	1
16	0	1	0	1	1
17	0	1	0	1	1
18	0	0	0	1	1
19	0	0	0	1	1
20	0	1	1	1	1
21	0	0	1	2	1
22	0	0	1	2	1
23	0	0	1	1	1
24	0	0	1	1	1
25	0	1	1	1	1
26	0	0	1	1	1
27	0	0	1	1	1
28	0	1	1	1	1
29	0	0	1	1	1
30	0	1	1	1	1
31	0	-	1	1	-
Mean	0	0	1	1	1
Max.	0	1	1	2	1
Min.	0	0	0	1	1
A.F.	0	30	30	70	60

Water diverted 190 A.F.
 Acreage reported D-346-220

DAILY DIVERSIONS OF CANALS--1969
 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	5	1	0	26	28	4	21	15
2	5	0	0	23	28	13	24	13
3	5	0	0	23	27	14	22	13
4	6	1	0	27	29	18	17	10
5	6	3	0	26	35	25	27	9
6	6	4	0	7	36	24	42	6
7	6	3	0	0	37	17	54	6
8	7	0	0	2	46	14	69	6
9	8	0	0	4	50	14	80	13
10	7	0	0	4	52	14	67	18
11	14	0	0	12	18	20	60	14
12	24	0	0	18	14	24	38	11
13	22	0	0	16	13	30	38	18
14	21	0	0	15	14	35	33	20
15	22	0	0	13	11	37	30	20
16	8	0	0	18	10	40	36	20
17	3	0	0	28	9	46	40	21
18	2	0	0	26	2	54	40	20
19	1	0	0	24	10	56	41	20
20	1	0	0	21	18	59	44	19
21	2	0	0	20	16	42	48	18
22	2	0	0	21	16	32	42	17
23	3	0	0	22	16	22	34	17
24	3	0	0	21	16	18	31	18
25	3	0	0	20	12	16	28	18
26	3	0	0	18	4	18	25	18
27	3	0	0	23	3	16	22	18
28	3	0	11	26	3	18	20	18
29	3	0	29	28	3	22	14	17
30	3	0	28	28	3	22	11	16
31	3	-	-	28	-	22	17	--
Mean	7	0	2	19	20	26	36	16
Max.	24	4	29	28	52	59	80	21
Min.	1	0	0	0	2	4	11	6
A.F.	420	20	130	1170	1170	1600	2210	930

Water diverted 7650 A.F.
 Acreage reported D-649-4743

DAILY DIVERSIONS OF CANALS--1969
COLUMBUS POWER CANAL from Loup River
Measured through section of canal--Sec. 32-17-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1270	1920	2060	716	1880	1880	1630	1790	992	1530	769	1840
2	1280	2030	2140	920	1890	1900	1690	1820	957	1460	789	1530
3	1310	2190	1420	1130	1850	1890	2020	1850	916	1430	836	1290
4	1250	2120	1370	1090	1840	1870	2060	2110	918	1440	876	1200
5	1260	2030	681	1140	1800	1860	1930	2060	875	1400	851	1270
6	1270	2230	367	1260	1820	1850	1750	2090	870	1730	788	1070
7	1300	2430	53	1240	1830	1830	1810	2170	830	2110	731	1100
8	1300	2380	43	1390	1840	1800	1820	2520	826	1960	1070	1030
9	1400	2250	32	1480	1850	1790	1840	2400	800	2170	849	962
10	1400	2310	40	1560	1880	1840	1980	2080	773	2480	685	930
11	1430	1610	526	1790	1810	1830	1930	2140	1200	2180	608	967
12	1560	1600	370	1770	1780	1820	2010	1940	1570	2010	556	885
13	1670	2080	24	1780	1860	1810	2150	1880	1730	1660	496	870
14	1740	2030	16	1760	1850	1840	2100	1930	1650	1480	494	977
15	1780	2080	16	1840	1780	1860	2100	1880	1650	1300	470	894
16	2250	2220	21	1920	1800	1870	2070	2150	1620	1180	437	935
17	1940	2310	24	1880	1780	1840	2450	2650	1690	1580	453	924
18	2260	2370	87	1910	1770	1700	2520	2460	1510	2130	457	1040
19	2540	894	34	1950	1850	1450	2370	1930	1330	2080	465	1420
20	2520	934	111	1950	1860	1260	2290	1700	1270	2610	822	1660
21	2250	2070	43	1950	1850	668	1950	1620	1320	2410	1040	1790
22	2230	2050	51	1960	1880	874	2060	1650	1650	1720	830	1510
23	2150	2010	48	1980	1910	1270	1980	1700	2480	1430	869	1320
24	2260	2200	335	1920	1900	1490	2040	1630	2370	1350	885	1200
25	2110	2140	689	1840	1900	1800	2000	1620	1870	1970	821	1190
26	1960	2130	704	1670	1890	1600	1950	1490	2030	1650	807	1380
27	2020	2200	902	1480	1900	1520	2070	1350	2640	1310	756	1360
28	2190	2180	1160	1430	1900	1250	2200	1190	2150	1070	737	1480
29	2100	2190	1100	1520	----	808	2100	1110	1880	930	708	1610
30	1960	2090	534	1680	----	549	1970	1250	1610	860	677	1610
31	1860	----	606	1810	----	1540	----	1090	----	787	1420	----
Mean	1801	2043	503	1604	1848	1586	2028	1847	1466	1658	744	1241
Max.	2540	2430	2140	1980	1910	1900	2520	2650	2640	2610	1420	1840
Min.	1250	894	16	716	1770	549	1630	1090	773	787	437	870
A.F.	110700	121500	30960	98610	102600	97510	120700	113600	87230	102000	45720	73870
Total acre-feet	1105000 A.F.											

DAILY DIVERSIONS OF CANALS--1969
COOK CANAL NO. 1 from Niobrara River
Measured through rating flume--Sec. 2-28-56 W.

Date	May	June	July	Aug.	Sept.
1	0	2	1	0	0
2	0	2	1	0	0
3	0	2	1	0	0
4	0	2	1	0	0
5	0	2	1	0	0
6	0	2	1	0	0
7	0	2	2	0	0
8	0	2	2	0	0
9	0	2	2	0	0
10	0	2	1	0	0
11	0	2	1	0	0
12	0	2	0	0	0
13	0	2	0	0	0
14	0	2	0	0	0
15	0	2	0	0	0
16	0	2	0	0	0
17	0	2	0	0	0
18	0	1	0	0	0
19	0	1	0	0	0
20	0	1	0	0	1
21	1	1	2	0	1
22	2	1	2	0	2
23	2	1	2	0	2
24	2	1	1	0	2
25	2	1	1	0	2
26	2	1	1	0	2
27	2	1	1	0	2
28	2	1	1	0	2
29	2	1	1	0	2
30	2	1	1	0	2
31	2	-	0	0	-
Mean	1	2	1	0	1
Max.	2	2	2	0	2
Min.	0	1	0	0	0
A.F.	40	90	50	0	40

Water diverted 220 A.F.
Acreage reported D-980-162

DAILY DIVERSIONS OF CANALS--1969
COURT HOUSE ROCK CANAL from Pumpkinseed Creek
Measured through rating flume--Sec. 30-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	9	10	8	7
2	0	0	11	8	8	7
3	0	0	11	5	9	8
4	0	0	11	8	10	8
5	1	0	11	15	10	8
6	0	0	11	16	9	6
7	0	0	11	14	9	5
8	0	0	11	11	9	5
9	0	0	11	11	9	4
10	0	0	11	11	8	4
11	0	0	15	10	8	3
12	0	0	16	10	8	3
13	0	0	14	11	8	3
14	0	0	16	12	7	2
15	0	4	17	12	7	2
16	0	15	18	12	7	2
17	0	16	19	12	8	2
18	0	14	18	10	8	1
19	0	14	19	10	7	1
20	0	14	18	10	6	1
21	0	13	18	11	7	1
22	0	13	18	12	6	1
23	0	11	16	13	7	1
24	0	10	15	11	10	1
25	0	11	15	9	8	4
26	0	13	13	9	7	6
27	0	10	12	9	6	8
28	0	11	12	9	6	6
29	0	12	11	9	5	5
30	0	12	11	8	7	7
31	0	10	--	8	6	-
Mean	0	7	14	10	8	4
Max.	1	16	19	16	10	8
Min.	0	0	9	5	5	1
A.F.	0	400	830	650	470	240

Water diverted 2590 A.F.
Acreage reported D-840; 1028-1462; A-851-25;
A-2315-6; Total 1493

DAILY DIVERSIONS OF CANALS--1969
 COURTLAND CANAL from Republican River
 Measured through orifice--Sec. 7-1-9 W.

Date	May	June	July	Aug.	Sept.
1	0	100	211	262	150
2	0	101	284	264	107
3	0	103	307	264	80
4	0	157	314	264	70
5	0	198	322	267	60
6	0	196	322	267	61
7	0	198	392	264	60
8	0	192	394	233	59
9	0	192	404	224	21
10	0	196	419	224	0
11	0	194	348	229	0
12	0	194	329	285	0
13	0	143	329	292	0
14	0	124	329	394	0
15	0	124	326	497	0
16	0	124	343	566	0
17	0	124	379	580	0
18	0	126	430	588	0
19	0	129	460	580	0
20	17	118	478	518	0
21	50	120	449	486	0
22	54	123	449	439	0
23	52	124	449	460	0
24	45	126	321	480	0
25	30	126	228	473	0
26	30	128	206	473	0
27	44	126	204	375	0
28	69	128	202	303	0
29	105	129	202	207	0
30	100	165	204	152	0
31	100	---	243	152	-
Mean	22	144	332	357	22
Max.	105	198	478	588	150
Min.	0	100	202	152	0
A.F.	1380	8580	20380	21940	1320

Water diverted 53600 A.F.
 Acreage reported A-4222-1724; A-6224-114;
 A-10963-146; Total-1984

DAILY DIVERSIONS OF CANALS--1969
 COURTLAND CANAL from Republican River
 Measured at Nebraska-Kansas State Line
 Sec. 32-1-7 W.

Date	May	June	July	Aug.	Sept.
1	0	63	172	251	131
2	0	67	237	247	95
3	0	71	265	245	60
4	0	112	262	245	46
5	0	167	280	245	39
6	0	167	289	242	43
7	0	167	353	242	36
8	0	166	396	211	38
9	0	164	408	203	38
10	0	171	410	203	40
11	0	173	340	201	37
12	0	174	310	238	37
13	0	131	310	249	21
14	0	107	312	347	0
15	0	106	303	450	0
16	0	107	325	528	0
17	0	109	362	557	0
18	0	108	412	554	0
19	0	108	454	552	0
20	0	103	438	503	0
21	0	95	432	460	0
22	0	106	440	414	0
23	0	103	446	430	0
24	0	103	341	468	0
25	5	103	227	476	0
26	6	103	195	478	0
27	7	107	188	381	0
28	28	103	187	287	0
29	80	107	187	196	0
30	61	134	187	132	0
31	69	---	245	143	-
Mean	8	120	313	335	22
Max.	80	174	454	557	131
Min.	0	63	172	132	0
A.F.	510	7150	19270	20580	1310

Water at State Line 48820 A.F.
 Used on Kansas lands

DAILY DIVERSIONS OF CANALS--1969
 COZAD CANAL from Platte River--Measured
 through Parshall flume--Sec. 13-11-25 W.

Date	May	June	July	Aug.	Sept.
1	0	41	38	197	72
2	0	34	37	180	63
3	0	27	41	177	56
4	0	35	44	182	53
5	0	43	52	183	45
6	0	48	53	183	36
7	0	51	54	185	34
8	0	47	34	192	17
9	0	47	57	199	5
10	5	48	82	201	5
11	8	48	103	206	5
12	38	45	109	208	5
13	50	43	126	208	5
14	50	43	157	202	3
15	49	43	190	209	0
16	45	42	217	220	0
17	42	42	241	217	0
18	45	43	265	217	0
19	43	37	277	215	0
20	38	39	275	213	0
21	43	41	271	208	0
22	43	40	263	208	0
23	44	39	262	197	0
24	48	41	242	194	0
25	46	44	227	188	0
26	41	46	222	172	0
27	36	36	218	159	0
28	38	40	215	146	0
29	44	41	208	134	0
30	42	41	209	110	0
31	43	--	209	84	-
Mean	28	42	161	187	13
Max.	50	51	277	220	72
Min.	0	27	34	84	0
A.F.	1750	2490	9910	11490	800

Water diverted 26440 A.F.
 Acreage reported D-626-25195

DAILY DIVERSIONS OF CANALS--1969
 CRESCENT LAKE OUTLET to Blue Creek
 Sec. 21-20-44 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.

DAILY DIVERSIONS OF CANALS--1969
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	71	55	132	350	199
2	0	70	55	141	350	202
3	0	69	55	175	356	202
4	0	69	55	220	362	206
5	0	69	55	261	366	209
6	0	70	55	273	366	216
7	20	69	54	308	366	207
8	49	73	54	330	364	207
9	62	73	53	312	364	204
10	64	66	56	312	364	201
11	61	61	56	310	362	187
12	55	64	55	310	366	104
13	55	65	54	310	370	10
14	60	60	50	318	360	0
15	64	60	48	338	366	0
16	70	61	47	358	360	0
17	73	58	50	374	354	0
18	71	60	52	382	356	0
19	71	60	52	330	358	0
20	71	60	51	385	346	0
21	73	58	51	374	302	0
22	73	57	51	356	286	0
23	75	55	51	310	273	0
24	75	54	52	278	261	0
25	75	54	61	278	254	0
26	71	53	65	286	250	0
27	73	53	70	290	248	0
28	71	54	76	310	239	0
29	70	54	80	312	223	0
30	71	55	84	320	214	0
31	--	55	--	342	201	-
Mean	52	62	57	301	321	78
Max.	75	73	84	385	370	216
Min.	0	53	47	132	201	0
A.F.	3120	3790	3380	18520	19750	4670

Water diverted 53230 A.F.
Acreage reported D-24, 25, 29 & 30-9367;
A-3869AR-1491; A-6214-9849; A-9697-157;
A-9802-132; Total-20996

DAILY DIVERSIONS OF CANALS--1969
DAWSON COUNTY CANAL from Platte River
Measured through Parshall flume--Sec. 7-10-23 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	35	0	94	112	310	183
2	35	27	88	108	296	162
3	35	44	82	108	287	149
4	35	50	80	112	269	148
5	15	54	70	113	285	139
6	0	58	66	157	312	106
7	0	60	86	130	324	98
8	0	61	118	120	339	115
9	0	62	122	95	344	120
10	0	61	127	110	369	107
11	0	60	141	189	379	101
12	0	66	130	254	382	101
13	0	77	125	305	392	100
14	0	89	125	359	402	100
15	0	90	129	402	402	98
16	0	82	127	448	389	92
17	0	94	125	475	392	79
18	0	100	115	445	382	67
19	0	96	86	445	374	58
20	0	79	113	426	374	56
21	0	73	122	429	352	53
22	0	73	124	424	346	54
23	0	74	115	413	324	54
24	0	84	108	400	298	56
25	0	77	115	364	292	56
26	0	79	113	354	292	56
27	0	77	110	342	269	56
28	0	86	112	336	244	56
29	0	96	102	334	236	53
30	0	94	107	315	232	53
31	0	96	---	310	209	--
Mean	5	72	109	288	326	91
Max.	35	100	141	475	402	183
Min.	0	0	66	95	209	53
A.F.	310	4400	6500	17720	20030	5410

Water diverted 54370 A.F.
Acreage reported D-621-456; D-622-64253; D-624-
5640; A-2039-4810; A-2093-213; A-2110-13699;
A-2145-985; A-2262-890; Total-90946

DAILY DIVERSIONS OF CANALS--1969
EARNEST CANAL (Combined flow-North & South) from
Niobrara River--Measured through rating flumes
Sec. 9-29-56 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	5	4	0	7	3	3	3	0
2	5	4	0	7	3	3	3	0
3	4	4	0	7	3	4	3	0
4	5	4	0	7	4	5	3	0
5	5	4	0	7	4	6	3	0
6	5	4	0	6	4	6	3	0
7	5	4	0	6	4	4	3	1
8	5	4	0	6	5	3	3	2
9	5	4	0	3	5	3	3	4
10	5	4	0	3	4	3	3	6
11	5	4	0	3	4	3	4	8
12	5	2	0	3	4	3	4	6
13	5	0	0	3	4	3	4	5
14	5	0	0	3	4	3	4	5
15	5	0	0	3	4	3	3	5
16	4	0	0	3	4	3	2	5
17	4	0	0	3	4	3	2	4
18	4	0	0	3	3	3	2	5
19	4	0	0	3	3	6	2	5
20	4	0	0	3	4	16	2	5
21	4	0	0	3	4	14	3	5
22	4	0	0	7	4	13	3	4
23	4	0	3	9	3	8	3	5
24	4	0	7	7	4	4	4	5
25	4	0	7	5	4	4	4	5
26	4	0	6	7	4	4	4	4
27	4	0	6	6	3	4	5	4
28	4	0	4	4	3	4	4	4
29	4	0	4	3	3	4	4	4
30	4	0	7	3	3	4	1	5
31	4	-	-	3	-	3	0	-
Mean	4	2	1	5	4	5	3	4
Max.	5	4	7	9	5	16	5	8
Min.	4	0	0	3	3	3	0	0
A.F.	270	90	90	290	220	300	190	220

Water diverted 1670 A.F.
Acreage reported D-514a-180; D-514b-142; A-1362R-102;
Total-102

DAILY DIVERSIONS OF CANALS--1969
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	14	0	0	31	26	18
2	14	0	12	28	25	20
3	13	0	19	26	25	21
4	13	0	21	25	25	21
5	12	0	22	28	25	23
6	11	0	22	28	26	21
7	10	0	26	28	25	23
8	9	0	26	29	26	21
9	4	0	26	26	26	20
10	0	0	28	26	25	19
11	0	0	27	26	25	20
12	0	0	25	29	26	18
13	0	0	22	28	26	19
14	0	0	22	28	26	20
15	0	0	23	28	27	18
16	0	0	24	27	28	18
17	0	0	24	27	28	16
18	0	0	23	26	28	19
19	0	0	23	26	28	18
20	0	0	23	27	27	19
21	0	0	24	27	28	16
22	0	0	24	25	30	16
23	0	0	26	26	30	16
24	0	0	28	25	28	16
25	0	0	28	25	26	17
26	0	0	27	24	26	18
27	0	0	27	23	25	18
28	0	0	26	25	23	18
29	0	0	27	25	23	18
30	0	0	30	25	19	18
31	0	0	--	26	21	--
Mean	3	0	24	27	26	19
Max.	14	0	30	31	30	23
Min.	0	0	0	23	19	16
A.F.	200	0	1400	1630	1590	1120

Water diverted 5940 A.F.
Acreage reported D-858-2116; A-866-75;
Total-2191

DAILY DIVERSIONS OF CANALS--1969
ENTERPRISE CANAL from North Platte River
 Measured through rating flume--Sec. 27-23-57 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	20	0	35	59	58	89	102
2	18	0	47	61	59	89	102
3	17	0	44	59	66	89	90
4	15	0	46	59	68	92	86
5	5	0	45	55	76	93	87
6	0	0	39	49	78	92	82
7	0	0	36	54	80	98	80
8	0	0	42	56	81	100	78
9	0	0	46	54	85	100	75
10	0	0	50	47	86	101	73
11	0	0	54	48	87	103	72
12	0	0	58	40	84	103	71
13	0	0	65	32	84	103	70
14	0	0	63	30	84	103	70
15	0	0	57	32	86	105	70
16	0	0	52	31	85	105	69
17	0	0	52	28	84	105	71
18	0	0	52	25	84	105	72
19	0	0	57	23	84	107	72
20	0	0	58	22	83	109	72
21	0	0	57	25	83	109	67
22	0	0	57	34	80	106	63
23	0	0	57	44	82	108	63
24	0	0	59	45	82	108	60
25	0	0	56	35	84	109	59
26	0	0	55	16	84	108	49
27	0	0	54	16	84	100	41
28	0	0	56	24	89	98	42
29	0	0	54	36	89	100	44
30	0	31	56	44	88	100	46
31	0	--	56	--	88	100	--
Mean	2	1	52	39	81	101	70
Max.	20	31	65	61	89	109	102
Min.	0	0	35	16	58	89	41
A.F.	150	60	3200	2350	4990	6220	4160
Water diverted	21130 A.F.						

DAILY DIVERSIONS OF CANALS--1969
ENTERPRISE CANAL from Morrill Drain
 Measured in channel of drain--Sec. 14-23-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	1	1	1	4
2	2	0	1	1	1	4
3	2	0	1	1	2	3
4	2	0	1	1	2	3
5	2	0	1	1	2	3
6	0	0	1	1	2	3
7	0	0	1	1	2	3
8	0	0	1	2	3	3
9	0	0	1	2	3	3
10	0	0	1	2	3	3
11	0	0	1	2	3	3
12	0	0	1	2	3	3
13	0	0	1	2	3	3
14	0	0	1	2	3	3
15	0	0	1	2	3	3
16	0	0	1	2	3	4
17	0	0	1	2	3	4
18	0	0	1	2	3	4
19	0	0	1	2	4	4
20	0	0	1	2	4	4
21	0	0	1	2	4	4
22	0	0	1	1	4	4
23	0	0	1	1	4	4
24	0	0	1	1	4	4
25	0	0	1	1	4	4
26	0	0	1	1	4	4
27	0	1	1	1	4	3
28	0	1	1	1	4	3
29	0	1	1	1	4	3
30	0	1	1	1	4	3
31	0	1	-	1	4	-
Mean	0	0	1	1	3	3
Max.	2	1	1	2	4	4
Min.	0	0	1	1	1	3
A.F.	20	10	60	90	190	200
Water diverted	570 A.F.					

DAILY DIVERSIONS OF CANALS--1969
ENTERPRISE CANAL from Dry Spotted Tail
 Measured in channel of stream--Sec. 20-23-56 W.

Date	May	June	July	Aug.	Sept.
1	0	8	14	16	0
2	0	8	6	17	0
3	0	14	6	17	0
4	0	18	7	14	0
5	0	17	7	15	0
6	0	18	9	18	0
7	0	16	8	18	0
8	0	16	9	0	0
9	0	10	13	0	0
10	0	10	12	0	0
11	0	11	20	0	0
12	0	1	13	0	0
13	0	1	16	0	0
14	0	1	15	0	0
15	5	1	15	0	0
16	5	1	15	0	0
17	11	1	15	0	0
18	11	1	15	0	0
19	8	1	15	0	0
20	9	1	15	0	0
21	11	1	15	0	0
22	9	9	16	0	0
23	9	9	15	0	0
24	7	9	16	0	0
25	7	9	16	0	0
26	7	8	16	0	0
27	7	4	16	0	0
28	7	5	18	0	0
29	6	14	18	0	0
30	9	14	17	0	0
31	8	--	17	0	-
Mean	4	8	14	4	0
Max.	11	18	20	18	0
Min.	0	1	6	0	0
A.F.	270	470	840	230	0
Water diverted	1810 A.F.				

DAILY DIVERSIONS OF CANALS--1969
ENTERPRISE CANAL from Winter Creek
 Measured at outlet of 24 inch concrete pipe
 Sec. 17-22-54 W.

Date	May	June	July	Aug.	Sept.
1	0	2	2	2	3
2	0	2	2	2	3
3	0	2	2	2	3
4	0	2	2	2	3
5	0	2	2	2	3
6	0	2	2	2	2
7	0	2	2	2	2
8	0	2	2	2	2
9	0	2	2	2	2
10	0	2	2	2	2
11	0	2	2	2	2
12	0	2	2	2	2
13	0	2	2	2	3
14	0	2	2	2	3
15	0	2	2	2	3
16	0	2	2	2	3
17	0	2	2	2	3
18	0	2	2	2	3
19	0	2	2	2	3
20	0	2	2	2	2
21	0	2	2	2	2
22	0	2	2	2	2
23	0	2	2	2	2
24	2	2	2	2	2
25	2	2	2	2	2
26	2	2	2	2	2
27	2	2	2	2	3
28	2	2	2	2	3
29	2	2	2	2	3
30	2	2	2	2	3
31	2	-	2	3	-
Mean	1	2	2	2	3
Max.	2	2	2	3	3
Min.	0	2	2	2	2
A.F.	30	120	120	120	150
Water diverted	540 A.F.				

DAILY DIVERSIONS OF CANALS--1969

ENTERPRISE CANAL
Summary in Acre-feet--1969

Diverted from:	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
North Platte River.....	150	60	3200	2350	4990	6220	4160	21130
Morrill Drain.....	20	0	10	60	90	190	200	570
Dry Spotted Tail.....	0	0	270	470	840	230	0	1810
Tub Springs.....	0	0	0	0	0	0	0	0
Winters Creek.....	0	0	30	120	120	120	150	540
Total diversion.....	170	60	3510	3000	6040	6760	4510	24050

Water diverted 23770 A.F. - Natural
280 A.F. - Storage
24050 A.F. - Total
Includes Glendo Storage
Acreage reported D-920-7572

DAILY DIVERSIONS OF CANALS--1969
EXCELSIOR CANAL from Niobrara River
Measured through rating flume--Sec. 10-28-52 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	4	1	1	0	0
2	3	0	4	1	1	0	0
3	3	0	4	1	1	0	0
4	3	0	5	1	1	2	0
5	3	0	5	1	1	9	0
6	3	0	5	1	1	5	0
7	4	0	5	3	1	4	0
8	5	0	3	3	1	5	0
9	1	0	0	3	2	4	0
10	0	0	0	3	2	5	1
11	0	0	0	4	2	3	3
12	0	0	0	4	3	0	1
13	0	0	0	3	4	0	1
14	0	0	0	4	4	0	0
15	0	0	0	4	5	0	1
16	0	0	0	4	1	0	1
17	0	0	0	4	1	0	1
18	0	0	0	3	0	0	2
19	0	0	1	3	0	0	1
20	0	0	3	4	0	0	1
21	0	0	4	4	0	0	1
22	0	0	4	3	0	0	1
23	0	0	4	2	0	0	1
24	0	0	4	1	0	0	1
25	0	0	4	1	0	0	1
26	0	0	3	1	0	0	1
27	0	0	3	1	0	0	1
28	0	2	3	1	0	0	1
29	0	3	2	2	0	0	1
30	0	4	2	1	0	0	1
31	0	-	1	-	0	0	-
Mean	1	0	2	2	1	1	1
Max.	5	4	5	4	5	9	3
Min.	0	0	0	1	0	0	0
A.F.	60	20	140	140	60	70	50

Water diverted 540 A.F.
Acreage reported D-568-200; A-2264-134; Total-334

DAILY DIVERSIONS OF CANALS--1969
ENTERPRISE CANAL (Combined flow-North & South) from
Niobrara River--Measured through rating flumes
Sec. 27-29-50 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	5	5	0	4	5	1	0
2	5	6	0	4	5	0	0
3	5	6	0	4	5	0	0
4	5	6	0	4	2	0	0
5	5	5	0	4	0	0	0
6	5	5	0	4	0	0	0
7	5	7	0	4	0	0	0
8	5	8	0	5	0	0	0
9	5	8	0	5	3	0	0
10	5	8	0	5	4	0	0
11	5	8	0	6	4	1	0
12	5	8	0	6	4	0	0
13	6	8	0	6	4	0	0
14	6	8	0	6	5	0	0
15	5	7	0	6	5	0	0
16	6	7	0	5	5	0	0
17	6	8	0	5	4	0	0
18	6	5	0	5	4	0	0
19	6	1	0	6	2	0	0
20	6	0	0	6	2	0	0
21	6	0	0	6	2	0	0
22	6	0	0	6	2	0	0
23	5	0	0	6	2	0	0
24	6	0	0	6	2	0	0
25	6	0	0	6	2	0	0
26	6	0	1	5	2	0	0
27	5	0	2	4	2	0	0
28	5	0	2	5	2	0	0
29	5	0	2	5	2	0	0
30	5	0	3	5	2	0	0
31	5	-	3	-	1	0	--
Mean	5	4	0	5	3	0	0
Max.	6	8	3	6	5	1	0
Min.	5	0	0	4	0	0	0
A.F.	330	250	30	310	170	0	0

Water diverted 1090 A.F.
Acreage reported D-461-340; A-5181-76; Total-416

DAILY DIVERSIONS OF CANALS--1969
 FARWELL CANAL from Middle Loup River--Measured
 through 25-foot Parshall flume -Sec. 35-18-17 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	402	0	61	512	249	282	320
2	402	0	61	512	273	273	354
3	400	0	61	495	352	256	397
4	397	0	62	453	339	256	384
5	400	0	62	464	337	234	448
6	397	0	62	426	354	205	481
7	397	0	62	402	344	179	483
8	364	0	60	442	262	162	495
9	296	0	57	445	253	141	486
10	236	0	58	431	247	127	495
11	142	0	68	453	247	115	500
12	104	0	65	458	258	84	492
13	104	0	65	387	308	69	509
14	47	0	140	366	366	83	523
15	0	66	260	366	372	74	526
16	0	151	369	364	354	69	540
17	0	107	453	289	392	62	540
18	0	102	555	251	442	50	543
19	0	104	603	251	549	50	573
20	0	102	606	251	555	64	591
21	0	90	606	253	555	107	591
22	0	86	603	251	585	130	591
23	0	80	585	251	603	158	526
24	0	73	588	251	603	175	400
25	0	76	582	260	603	209	247
26	0	76	570	245	594	251	79
27	0	68	526	247	567	245	0
28	0	62	442	247	523	240	0
29	0	65	470	238	440	219	0
30	0	60	472	247	364	223	0
31	0	--	497	---	299	294	-
Mean	132	46	314	350	406	164	404
Max.	402	151	606	512	603	294	591
Min.	0	0	57	238	247	50	0
A.F.	8110	2710	19300	20840	24970	10090	24030

Water diverted 110050 A.F.
 For storage and irrigation
 Acreage reported A-4423-46929; A-4923a & b-storage;
 A-5710-1416; A-10470-252; Total-48597

DAILY DIVERSIONS OF CANALS--1969
 FARWELL "SOUTH" CANAL from Middle Loup River
 Measured through four constant head orifice gates
 Sec. 1-15-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	54	280	136
2	0	0	54	289	107
3	0	0	52	286	80
4	0	0	49	268	69
5	0	0	50	277	59
6	0	17	53	286	52
7	0	49	50	289	53
8	0	52	49	253	48
9	0	52	47	247	46
10	0	52	51	247	46
11	0	50	56	247	45
12	0	46	57	256	46
13	0	46	57	265	46
14	0	46	87	271	46
15	0	46	149	253	46
16	0	48	216	247	46
17	0	54	272	247	46
18	0	56	289	268	15
19	0	59	286	286	0
20	0	58	283	289	0
21	0	59	239	256	0
22	0	59	205	226	0
23	0	60	184	220	0
24	0	59	161	217	0
25	0	53	139	197	0
26	0	54	136	184	0
27	0	54	139	180	0
28	0	54	151	184	0
29	0	54	194	167	0
30	0	54	227	160	0
31	0	--	246	160	-
Mean	0	43	138	242	34
Max.	0	60	289	289	136
Min.	0	0	47	160	0
A.F.	0	2560	8490	14880	2050

Water released 32220 A.F.

DAILY DIVERSIONS OF CANALS--1969
 FARWELL "MAIN" CANAL from Middle Loup River
 Measured through six constant head orifice gates
 Sec. 1-15-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	119	472	163
2	0	0	114	465	116
3	0	0	116	465	94
4	0	0	119	449	83
5	0	0	119	449	69
6	0	37	119	441	65
7	0	101	116	407	65
8	0	95	114	298	65
9	0	95	114	264	65
10	0	95	114	257	65
11	0	97	112	271	62
12	0	99	124	315	56
13	0	99	124	364	58
14	0	97	188	410	58
15	0	97	314	435	58
16	0	105	440	435	58
17	0	107	516	430	58
18	0	111	541	450	19
19	0	117	511	486	0
20	0	122	471	486	0
21	0	126	317	395	0
22	0	124	286	305	0
23	0	122	270	278	0
24	0	122	262	271	0
25	0	122	242	248	0
26	0	122	233	223	0
27	0	122	233	210	0
28	0	122	286	210	0
29	0	122	419	223	0
30	0	122	482	216	0
31	0	---	488	216	-
Mean	0	90	259	350	43
Max.	0	126	541	486	163
Min.	0	0	114	210	0
A.F.	0	5360	15930	21510	2530

Water released 45330 A.F.

DAILY DIVERSIONS OF CANALS--1969
 FARWELL MAIN and SOUTH CANALS (Combined Flow)
 Total released from Sherman Reservoir--Sec. 1-15-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	173	752	299
2	0	0	168	754	223
3	0	0	168	751	174
4	0	0	168	717	152
5	0	0	169	726	128
6	0	54	172	727	117
7	0	150	166	696	118
8	0	147	163	551	113
9	0	147	161	511	111
10	0	147	165	504	111
11	0	147	178	518	108
12	0	145	181	571	102
13	0	145	181	629	104
14	0	143	275	681	104
15	0	143	463	688	104
16	0	153	656	682	104
17	0	161	788	677	104
18	0	167	830	718	34
19	0	176	797	772	0
20	0	180	754	775	0
21	0	185	556	651	0
22	0	183	491	531	0
23	0	182	454	498	0
24	0	181	423	488	0
25	0	175	381	445	0
26	0	176	369	407	0
27	0	176	372	390	0
28	0	176	437	394	0
29	0	176	613	390	0
30	0	176	709	376	0
31	0	---	734	376	-
Mean	0	133	397	592	77
Max.	0	185	830	775	299
Min.	0	0	161	376	0
A.F.	0	7920	24420	36390	4580

Water released 73310 A.F.
 Acreage reported A-4423-46929; A-5710-1416; A-10260a & b-Supp I; A-10470-252;

DAILY DIVERSIONS OF CANALS--1969
 FORSLING-KINNEY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 33-15-56 W.

Date	May	June	July	Aug.	Sept.
1	3	0	3	0	0
2	3	0	2	0	0
3	3	0	2	0	0
4	3	0	2	0	0
5	6	0	0	0	2
6	6	0	0	0	3
7	6	3	0	0	2
8	3	4	0	0	3
9	3	3	0	0	3
10	0	3	0	0	3
11	0	3	0	0	3
12	0	3	0	0	0
13	0	3	0	0	0
14	0	3	0	0	0
15	0	0	0	0	0
16	0	3	0	0	0
17	0	3	0	0	0
18	0	3	0	0	0
19	0	3	0	0	0
20	0	3	0	0	0
21	0	3	0	3	0
22	0	2	0	2	0
23	0	2	0	2	0
24	0	3	0	0	0
25	0	2	0	1	0
26	0	3	0	0	0
27	0	3	0	0	0
28	0	3	0	0	0
29	0	3	0	0	0
30	0	3	0	0	0
31	0	-	0	0	-
Mean	1	2	0	0	1
Max.	6	4	3	3	3
Min.	0	0	0	0	0
A.F.	70	130	20	20	40

Water diverted 280 A.F.
 Acreage reported D-348-118; A-718-54;
 Total-172

DAILY DIVERSIONS OF CANALS--1969
 FRANKLIN CANAL from Republican River
 Measured through orifice--Sec. 11-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	122	167	0
2	0	0	133	141	0
3	0	0	144	133	0
4	0	0	177	133	0
5	52	0	211	133	0
6	81	0	205	139	0
7	60	0	176	159	0
8	49	0	165	171	0
9	55	35	151	189	0
10	61	81	120	199	0
11	62	81	96	219	0
12	57	76	96	241	0
13	51	64	96	246	0
14	51	63	104	239	0
15	51	63	122	236	0
16	51	63	135	229	0
17	51	63	164	225	0
18	51	63	193	218	0
19	19	63	127	205	0
20	0	63	54	194	0
21	0	63	22	188	0
22	0	63	29	188	0
23	0	63	82	184	0
24	0	29	70	174	0
25	0	0	54	152	0
26	0	0	49	112	0
27	0	0	49	100	0
28	0	36	64	89	0
29	0	83	97	83	0
30	0	99	146	79	0
31	0	--	165	34	-
Mean	26	40	117	168	0
Max.	81	99	211	246	0
Min.	0	0	22	34	0
A.F.	1590	2410	7180	10310	0

Water diverted 21490 A.F.
 Acreage reported A-2691a-4429; A-2691bR-
 4010; A-4216-1946; A-6221-151; A-8259-
 145; A-9623-53; A-9724-18; A-10964-343;
 Total-11095

DAILY DIVERSIONS OF CANALS--1969
 FORT LARAMIE CANAL from North Platte River
 Measured through Parshall flume--Sec. 11-26-65 W.

Date	May	June	July	Aug.	Sept.
1	0	1406	673	1511	1514
2	0	1403	836	1511	1511
3	0	1370	971	1508	1489
4	0	1310	1025	1508	1477
5	0	1307	1093	1508	1480
6	0	1307	1185	1511	1458
7	0	1298	1287	1511	1430
8	278	1220	1379	1514	1418
9	607	1126	1427	1511	1385
10	607	1020	1499	1511	1358
11	607	851	1502	1514	1355
12	646	563	1505	1514	1355
13	752	200	1508	1511	1355
14	856	0	1505	1511	1355
15	928	0	1508	1514	1355
16	977	0	1511	1514	1352
17	1012	0	1511	1514	1346
18	1051	0	1514	1511	1325
19	1059	0	1514	1511	1316
20	1135	0	1514	1511	1301
21	1182	0	1514	1511	1304
22	1185	0	1511	1514	1307
23	1229	0	1511	1511	1307
24	1231	0	1511	1514	1307
25	1231	500	1514	1511	1157
26	1263	508	1511	1514	833
27	1310	506	1514	1511	542
28	1349	506	1511	1511	129
29	1358	504	1511	1517	0
30	1403	563	1511	1514	0
31	1403	---	1514	1514	-
Mean	795	582	1390	1512	1194
Max.	1403	1406	1514	1517	1514
Min.	0	0	673	1508	0
A.F.	48910	34650	85490	92970	71050

Water diverted 333070 A.F.
 Acreage reported A-768 Nebr-54846;
 A-768 Wyo-50210; Total-105056

DAILY DIVERSIONS OF CANALS--1969
 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	14	0
2	0	0	12	12	0
3	0	0	20	13	0
4	0	0	24	5	0
5	0	0	26	0	0
6	0	0	10	0	0
7	0	0	0	0	0
8	0	0	0	8	0
9	0	0	0	11	0
10	0	0	0	11	0
11	0	0	0	18	0
12	0	0	0	29	0
13	0	0	0	38	0
14	0	0	0	42	0
15	0	0	0	41	0
16	0	0	0	40	0
17	0	0	9	41	0
18	0	0	15	41	0
19	0	0	7	41	0
20	0	0	0	41	0
21	0	0	0	40	0
22	0	0	0	40	0
23	0	0	0	41	0
24	0	0	0	40	0
25	0	0	0	37	0
26	0	0	0	31	0
27	0	0	0	28	0
28	0	0	0	26	0
29	0	0	0	23	0
30	0	0	0	16	0
31	0	-	9	6	-
Mean	0	0	5	25	0
Max.	0	0	26	42	0
Min.	0	0	0	0	0
A.F.	0	0	280	1540	0

Water diverted 1820 A.F.
 Acreage reported A-4227-1947; A-6222-
 187; A-10962-8; Total-2142

DAILY DIVERSIONS OF CANALS--1969
 FURMAN CANAL (Combined flow, North & South)
 from Niobrara River--Measured through rating flumes
 Sec. 29-29-50 W.

Date	May	June	July	Aug.	Sept.
1	0.0	0.0	0.0	0.0	0.4
2	0.0	0.0	0.0	0.0	0.3
3	0.0	0.2	0.0	0.0	0.0
4	0.0	0.5	0.0	0.0	0.0
5	0.0	0.2	0.0	0.0	0.0
6	0.0	0.1	0.0	0.0	0.0
7	0.0	0.3	0.0	0.0	0.0
8	0.0	1.8	0.0	0.0	0.0
9	0.0	2.7	0.0	0.0	0.0
10	0.0	1.3	0.0	0.0	0.0
11	0.0	1.2	0.0	0.1	0.0
12	0.0	0.8	0.0	0.3	0.0
13	0.0	0.8	0.0	0.3	0.0
14	0.0	0.7	0.0	0.2	0.0
15	0.0	0.7	0.0	0.2	0.0
16	0.0	8.6	0.0	0.1	0.0
17	0.0	10.4	0.0	0.2	0.0
18	0.0	1.3	0.0	0.2	0.0
19	0.0	0.2	0.0	0.5	0.0
20	0.0	0.2	0.0	0.5	0.0
21	0.0	0.2	0.0	0.8	0.0
22	0.0	0.1	0.0	1.8	0.0
23	0.0	0.1	0.0	1.1	0.0
24	0.0	0.1	0.0	0.8	0.0
25	0.0	0.0	0.0	0.3	0.0
26	0.0	0.0	0.0	0.2	0.0
27	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.0	0.2	---
Mean	0.0	1.0	0.0	0.2	0.0
Max.	0.0	10.4	0.0	1.1	0.4
Min.	0.0	0.0	0.0	0.0	0.0
A.F.	0.0	60	0.0	10	0.0

Water diverted 70 A.F.
 Acreage reported D-462-105

DAILY DIVERSIONS OF CANALS--1969
 GERING CANAL from North Platte River--Measured
 through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	105	117	201	195
2	0	101	104	201	193
3	0	99	114	198	178
4	0	100	115	201	178
5	0	103	135	203	164
6	0	107	173	192	160
7	0	161	163	193	148
8	0	193	161	192	128
9	0	163	179	193	136
10	0	169	185	192	131
11	0	212	190	188	124
12	24	154	201	187	122
13	142	117	205	187	121
14	100	113	226	192	127
15	95	105	205	196	123
16	101	98	192	196	122
17	89	95	205	190	122
18	82	91	212	188	124
19	76	88	221	187	131
20	75	83	207	180	129
21	66	87	207	185	137
22	58	83	200	195	129
23	56	80	201	198	130
24	72	82	211	204	128
25	90	81	207	204	128
26	117	96	200	198	123
27	109	100	207	200	114
28	99	101	200	203	127
29	98	111	200	207	127
30	100	95	205	207	92
31	104	--	201	200	--
Mean	57	112	185	195	136
Max.	142	212	226	207	195
Min.	0	80	104	180	92
A.F.	3480	6690	11400	12020	8110

Water diverted 41700 a.f.
 Acreage reported A-365R-14244

DAILY DIVERSIONS OF CANALS--1969
 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	66	0	112	60	118	0	78	95	109	100	265	187
2	67	0	110	79	118	0	91	95	108	93	254	185
3	68	0	106	94	118	0	102	93	110	78	238	188
4	68	0	108	81	118	0	120	85	113	72	248	168
5	67	0	74	84	118	0	141	46	126	80	250	90
6	67	0	116	86	118	0	144	47	146	80	252	109
7	66	0	39	101	45	0	140	67	180	85	262	102
8	24	0	79	106	0	0	135	89	165	110	275	87
9	0	0	112	95	0	0	129	108	180	117	275	80
10	0	0	120	78	0	0	128	99	217	119	271	76
11	0	14	126	65	0	0	126	93	213	125	283	76
12	0	90	98	85	0	0	123	91	215	146	285	78
13	0	105	74	87	0	0	120	99	206	178	283	74
14	0	105	66	106	0	0	120	91	226	211	277	72
15	0	108	85	120	0	0	120	80	217	303	275	69
16	0	106	95	132	0	0	126	110	206	324	271	70
17	0	105	112	130	0	0	128	173	226	332	262	71
18	0	93	112	132	0	0	120	188	242	326	254	76
19	0	109	105	133	0	0	117	199	256	320	252	64
20	0	109	99	133	0	0	112	195	265	320	235	58
21	0	119	80	126	0	0	109	129	257	322	208	53
22	0	113	20	123	0	0	106	123	144	318	208	54
23	0	112	30	68	0	0	102	128	116	318	206	51
24	0	106	54	66	0	6	99	178	116	322	208	50
25	0	103	43	59	0	16	99	123	98	322	220	48
26	0	102	63	125	0	15	98	81	110	320	217	48
27	0	106	89	120	0	20	97	87	82	320	215	46
28	0	116	60	119	0	31	97	123	103	305	208	45
29	0	112	69	120	-	41	95	129	100	269	202	27
30	0	109	62	119	-	53	97	126	100	293	202	6
31	0	---	40	118	-	66	---	132	---	279	209	-
Mean	16	68	83	102	27	80	114	113	165	223	244	80
Max.	68	119	126	133	118	66	144	199	265	332	285	188
Min.	0	0	20	59	0	0	78	46	82	72	202	6
A.F.	980	4050	5070	6250	1490	490	6780	6950	9820	13700	15010	4780

Water diverted 75370 A.F.

DAILY DIVERSIONS OF CANALS--1969
 GOTHENBURG IRRIGATION CANAL from Platte River
 Measured through Parshall flume--Sec. 28-12-26 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	59	0	72	58	241	180
2	60	0	94	51	227	179
3	61	0	105	51	221	182
4	61	0	95	65	221	155
5	59	0	104	68	223	71
6	59	0	108	56	225	101
7	58	0	81	60	238	91
8	22	0	62	81	251	68
9	0	0	87	85	242	61
10	0	0	113	86	246	62
11	0	0	69	92	259	74
12	0	0	92	113	261	76
13	0	0	99	141	258	70
14	0	0	94	187	253	65
15	0	0	70	269	251	51
16	0	0	74	281	243	60
17	0	0	94	293	238	66
18	0	0	77	294	231	63
19	0	2	80	287	229	46
20	0	4	75	293	216	46
21	0	0	58	297	203	49
22	0	61	27	304	204	50
23	0	80	54	305	202	49
24	0	75	61	290	204	48
25	0	21	42	295	215	46
26	0	40	63	296	212	47
27	0	82	38	306	210	45
28	0	109	64	269	204	44
29	0	97	62	255	197	23
30	0	94	58	276	197	5
31	0	96	--	252	203	-
Mean	14	25	76	195	227	72
Max.	61	109	113	306	261	182
Min.	0	0	27	51	197	5
A.F.	870	1510	4510	12010	13930	4310

Water diverted 37140 A.F.
 Acreage reported D-645a-860; D-645b-17000;
 A-3716-4585; Total-22445

DAILY DIVERSIONS OF CANALS--1969
 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	6	0	106	45	100	0	68	95	30	34	20	6
2	6	0	114	72	100	0	84	84	12	34	22	5
3	6	0	92	78	100	0	101	80	4	22	14	5
4	6	0	81	88	100	0	122	80	15	6	22	11
5	7	0	63	70	100	0	128	76	18	10	22	16
6	7	0	98	72	100	0	128	68	31	20	22	7
7	7	0	33	78	38	0	132	54	82	21	20	9
8	2	0	67	100	0	0	135	82	85	24	20	16
9	0	0	94	95	0	0	128	88	77	26	27	16
10	0	0	117	82	0	0	123	96	86	27	21	12
11	0	0	132	74	0	0	116	88	118	27	20	2
12	0	42	28	72	0	0	112	82	101	27	20	2
13	0	86	40	74	0	0	115	89	88	30	21	3
14	0	100	28	90	0	0	114	88	108	20	20	6
15	0	104	106	102	0	0	118	80	121	28	20	15
16	0	104	115	112	0	0	117	100	108	35	23	8
17	0	102	122	110	0	0	120	157	108	32	20	4
18	0	80	120	112	0	0	122	163	136	26	19	11
19	0	96	109	113	0	0	116	162	144	27	19	15
20	0	126	102	113	0	0	110	157	156	22	16	10
21	0	112	116	107	0	0	108	133	163	21	4	3
22	0	116	21	104	0	0	99	51	96	12	3	3
23	0	108	0	58	0	0	96	39	51	11	3	2
24	0	108	0	49	0	0	90	85	45	26	3	2
25	0	109	23	50	0	0	88	84	46	22	4	2
26	0	107	53	106	0	7	92	33	38	20	4	1
27	0	96	75	102	0	13	99	4	36	12	4	1
28	0	110	86	101	0	14	92	12	32	29	3	1
29	0	106	68	102	-	50	88	26	31	12	4	3
30	0	96	67	101	-	47	92	26	34	14	4	1
31	0	--	60	100	-	51	--	29	--	22	5	-
Mean	2	64	75	88	23	6	108	80	73	23	14	7
Max.	7	126	132	113	100	51	135	163	136	35	23	16
Min.	0	0	0	45	0	0	68	4	4	6	3	1
A.F.	90	3780	4630	5420	1260	360	6450	4940	4360	1390	890	390

Water returned 33960 A.F.

DAILY DIVERSIONS OF CANALS--1969
 GRAF CANAL from Blue Creek--Measured
 through Parshall flume--Sec. 19-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	5	0	12	10	9	14
2	3	0	14	8	9	14
3	0	0	14	10	13	13
4	0	0	14	11	18	13
5	0	0	12	13	18	13
6	0	0	10	7	12	12
7	0	0	11	1	10	12
8	0	0	12	1	9	12
9	0	0	12	0	9	9
10	0	0	19	0	7	9
11	0	0	28	0	6	10
12	0	0	2	0	7	8
13	0	0	6	0	6	8
14	0	0	2	0	9	9
15	0	0	1	0	0	9
16	0	0	1	0	0	11
17	0	0	1	8	0	16
18	0	0	1	2	3	13
19	0	0	10	5	2	15
20	0	0	15	10	0	16
21	0	0	14	12	0	13
22	0	0	13	17	0	14
23	0	0	14	16	0	14
24	0	0	17	16	0	16
25	0	0	18	16	1	15
26	0	0	19	13	1	15
27	0	0	18	10	4	15
28	0	6	18	8	20	10
29	0	12	17	8	11	8
30	0	12	15	9	12	8
31	0	12	--	8	13	-
Mean	0	1	12	7	7	12
Max.	5	12	28	17	20	16
Min.	0	0	1	0	0	8
A.F.	20	80	710	430	410	720

Water diverted 2370 A.F.
 Acreage reported D-788-1989; D-781R-14; D-763R-85; Total-2088

DAILY DIVERSIONS OF CANALS--1969
 HAIGLER CANAL from Republican River
 Measured through 5-foot Parshall flume--Sec. 1-1 -43 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	25	15	0	28	30	34	26	31
2	33	31	0	31	31	31	29	27
3	38	30	0	44	31	28	29	22
4	41	29	0	43	31	26	34	25
5	42	24	0	44	32	33	31	18
6	42	22	0	50	35	40	33	12
7	43	11	0	34	40	37	32	12
8	43	0	0	16	25	37	30	26
9	45	0	0	26	38	36	30	38
10	40	0	0	21	32	35	30	36
11	30	0	0	19	23	32	30	38
12	26	0	0	23	32	30	30	34
13	26	0	0	23	34	31	30	27
14	29	0	0	19	31	30	30	24
15	34	0	0	13	25	32	30	24
16	37	0	0	0	27	31	30	30
17	38	0	0	6.1	34	37	30	27
18	36	0	0	8.4	37	28	39	21
19	29	0	0	5.8	35	45	31	21
20	31	0	0	13	33	51	31	21
21	33	0	0	12	31	45	35	22
22	34	0	0	17	29	40	42	24
23	34	0	14	16	50	32	34	25
24	34	0	28	14	31	44	39	26
25	24	0	28	12	7.4	48	37	25
26	15	0	27	18	25	33	28	26
27	0	0	27	24	35	30	26	28
28	0	0	26	24	26	27	25	31
29	0	0	26	24	26	26	28	29
30	0	0	27	24	33	25	34	20
31	0	-	--	22	--	25	33	--
Mean	28	5	7	22	31	34	32	26
Max.	45	31	28	50	50	51	42	38
Min.	0	0	0	0	7.4	25	25	12
A.F.	1750	321	403	1340	1840	2100	1940	1530

Water diverted 11220 A.F.

DAILY DIVERSIONS OF CANALS--1969
 HARRIS-NEECE CANAL from Niobrara River
 Measured through rating flume--Sec. 3-28-55 W.

Date	May	June	July	Aug.	Sept.
1	0	9	10	11	9
2	0	9	10	11	8
3	0	9	9	11	10
4	0	9	9	11	6
5	0	8	9	11	0
6	2	9	9	11	0
7	7	9	8	11	0
8	8	10	8	11	0
9	9	10	9	11	5
10	11	9	8	11	10
11	11	11	7	11	9
12	10	10	8	10	8
13	11	10	8	10	9
14	11	10	7	11	10
15	11	10	7	11	10
16	12	10	7	6	9
17	11	10	7	8	8
18	10	10	8	8	8
19	11	10	9	8	8
20	11	11	8	8	8
21	11	11	11	8	8
22	11	11	12	10	8
23	10	12	14	10	8
24	9	12	13	10	7
25	9	8	12	10	5
26	9	4	12	9	6
27	9	3	12	9	6
28	9	3	12	9	6
29	10	4	12	9	7
30	9	11	12	9	9
31	9	--	11	9	-
Mean	8	9	10	10	7
Max.	12	12	14	11	10
Min.	0	3	7	6	0
A.F.	500	540	590	600	410

Water diverted 2640 A.F.
 Acreage reported D-517-600; A-2275-509;
 Total-1109

DAILY DIVERSIONS OF CANALS--1969
 GEO HITSHEW CANAL from Niobrara River
 Measured through rating flume--Sec. 6-28-52 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4	1	2	1	2	2
2	3	4	2	1	2	2
3	3	5	2	2	2	2
4	4	5	2	2	2	2
5	4	5	2	2	2	2
6	4	4	2	2	3	2
7	4	4	3	2	3	2
8	4	4	3	2	1	2
9	4	4	2	2	0	2
10	4	3	2	1	0	2
11	4	3	3	1	0	2
12	4	3	2	1	0	2
13	4	3	2	1	0	2
14	4	2	1	2	0	2
15	4	2	1	2	0	2
16	2	3	1	2	0	2
17	0	3	1	2	0	2
18	0	3	1	2	0	2
19	0	2	1	2	0	2
20	0	2	1	2	0	2
21	0	3	1	2	0	2
22	0	3	1	2	2	3
23	0	2	1	2	2	3
24	0	2	1	2	2	3
25	0	2	1	2	2	3
26	0	3	1	2	2	3
27	0	2	1	2	2	3
28	0	2	1	2	2	3
29	0	2	1	2	2	3
30	0	2	1	2	2	2
31	0	2	-	2	2	-
Mean	2	3	2	2	1	2
Max.	4	5	3	2	3	3
Min.	0	1	1	1	0	2
A.F.	120	180	90	110	70	130

Water diverted 700 A.F.
 Acreage reported A-1260-181

DAILY DIVERSIONS OF CANALS--1969
 HOOPER CANAL from Blue Creek--Measured
 through 3-foot Parshall flume--Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	14	11	15	13
2	5	0	13	12	14	12
3	0	0	14	9	13	11
4	0	0	14	10	5	10
5	0	0	14	9	8	14
6	0	0	14	12	12	14
7	0	0	13	1	11	14
8	0	0	11	0	9	14
9	0	3	11	0	11	15
10	0	9	11	0	12	16
11	0	8	12	0	13	16
12	0	8	1	0	12	15
13	0	9	0	1	13	14
14	0	12	0	9	16	13
15	0	13	0	11	12	14
16	0	12	0	11	11	13
17	0	4	0	12	10	12
18	0	0	0	16	13	11
19	0	0	0	14	13	10
20	0	0	0	15	12	10
21	0	0	0	15	11	11
22	0	3	0	12	12	15
23	0	7	7	11	12	14
24	0	13	15	10	11	9
25	0	9	15	10	11	14
26	0	14	14	10	12	9
27	0	15	13	11	11	9
28	0	16	12	15	8	9
29	0	13	12	14	11	8
30	0	11	12	16	12	9
31	0	14	--	15	12	-
Mean	1	6	8	9	12	12
Max.	12	16	15	16	16	16
Min.	0	0	0	0	5	5
A.F.	30	380	480	580	710	730

Water diverted 2910 A.F.
 Acreage reported D-781-858; D-788R-19;
 Total-877

DAILY DIVERSIONS OF CANALS--1969
 HUGHES CANAL from Niobrara River
 Measured through rating flume--Sec. 1-28-52 W.

Date	May	June	July	Aug.	Sept.
1	0	0	5	0	1
2	0	1	5	0	3
3	0	1	4	0	2
4	0	0	3	0	1
5	0	0	3	0	1
6	0	1	3	0	1
7	0	2	3	0	1
8	0	2	2	0	1
9	0	2	1	0	1
10	0	0	0	0	1
11	0	0	0	0	1
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	1	0	0	0	0
24	1	0	0	0	0
25	1	0	0	0	0
26	1	0	0	0	0
27	1	0	0	0	0
28	1	0	0	0	0
29	1	0	0	0	0
30	1	2	0	0	1
31	0	-	0	0	-
Mean	0	0	1	0	1
Max.	1	2	5	0	3
Min.	0	0	0	0	0
A.F.	20	20	60	0	30

Water diverted 130 A.F.
 Acreage reported D-987a-40; D-987b-20;
 Total-60

DAILY DIVERSIONS OF CANALS--1969
 HURLEY-LILLY-POLLY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 26-15-56 W.

Date	May	June	July	Aug.	Sept.
1	4	4	2	3	2
2	4	4	2	2	3
3	4	4	3	2	3
4	4	4	3	2	1
5	5	3	2	2	0
6	5	3	3	2	0
7	5	3	2	2	0
8	0	3	2	2	3
9	0	4	2	2	3
10	6	4	2	2	3
11	6	3	2	3	3
12	6	4	3	3	3
13	6	4	3	2	3
14	6	3	2	2	3
15	6	3	3	2	3
16	5	3	3	2	3
17	5	3	2	3	3
18	5	3	3	3	3
19	5	3	3	3	3
20	4	2	3	3	3
21	4	2	3	4	3
22	4	2	3	4	3
23	4	3	3	4	3
24	4	3	3	3	3
25	3	3	3	4	3
26	3	3	3	3	3
27	4	3	3	2	3
28	4	3	3	2	3
29	4	2	3	2	0
30	4	3	3	2	0
31	3	-	3	3	-
Mean	4	3	3	3	3
Max.	6	4	3	4	3
Min.	0	2	2	2	0
A.F.	260	210	180	180	160

Water diverted 990 A.F.
 Acreage reported D-354-180; A-4818-125;
 Total-305

DAILY DIVERSIONS OF CANALS--1969
 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	916	0	977	1538	1107	2030	1884
2	924	0	983	1531	1350	2033	1881
3	930	0	986	1481	1366	2026	1868
4	930	0	1122	1488	1456	2030	1825
5	930	0	1182	1541	1511	2026	1812
6	930	0	1125	1587	1514	2023	1808
7	927	0	1241	1584	1660	2020	1805
8	750	0	1269	1577	1812	2020	1802
9	392	0	1350	1472	1861	2023	1759
10	0	0	1488	1450	1865	2030	1749
11	0	0	1548	1369	1868	2033	1749
12	0	0	1597	952	1931	2036	1755
13	0	0	1696	504	1973	2049	1742
14	0	200	1752	240	2030	2072	1699
15	0	500	1749	0	2033	2082	1699
16	0	790	1746	0	2043	2079	1703
17	0	896	1739	0	2049	2076	1706
18	0	893	1739	0	2056	2082	1699
19	0	893	1732	0	2066	2076	1699
20	0	893	1729	0	2076	2069	1689
21	0	893	1666	0	2079	2072	1614
22	0	907	1637	0	2089	2072	1614
23	0	941	1630	0	2086	2076	1614
24	0	941	1627	0	2063	2072	1554
25	0	938	1567	0	2056	2082	1544
26	0	941	1478	0	2049	2079	1534
27	0	938	1485	0	2043	2079	1518
28	0	935	1561	240	2039	2072	1146
29	0	946	1528	527	2043	2016	858
30	0	980	1531	809	2033	1973	863
31	0	---	1534	---	2030	1891	---
Mean	246	481	1484	663	1879	2045	1640
Max.	930	980	1752	1587	2089	2082	1884
Min.	0	0	977	0	1107	1891	858
A.F.	15130	28610	91230	39450	115510	125750	97570

Water diverted 513250 A.F.
 Acreage reported A-768 Nebr-111700; A-768 Wyo-13375;
 Total-125075

DAILY DIVERSIONS OF CANALS--1969
 JOHNSON CANAL from Niobrara River--Measured
 through 1½-foot Parshall flume--Sec. 35-31-57 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	2	0	0	3	0
2	0	2	0	0	3	0
3	0	2	0	0	2	0
4	0	2	0	0	2	0
5	0	3	0	0	2	0
6	0	3	0	0	1	0
7	0	0	0	0	2	0
8	0	0	0	0	2	0
9	0	0	0	0	1	0
10	0	0	0	0	1	0
11	0	0	0	0	1	0
12	0	0	0	0	2	0
13	0	0	0	0	2	0
14	0	0	0	0	2	0
15	0	0	0	1	2	0
16	1	0	0	0	2	0
17	2	0	0	0	2	0
18	3	0	0	4	1	0
19	3	0	0	4	2	0
20	3	0	0	2	2	0
21	2	0	0	2	2	0
22	2	0	0	1	2	0
23	2	0	0	1	2	0
24	2	0	0	1	2	0
25	3	0	0	1	2	0
26	3	0	0	1	1	0
27	3	0	0	1	0	1
28	3	0	0	0	0	2
29	3	0	0	0	0	1
30	2	0	0	1	0	2
31	-	0	-	1	0	-
Mean	1	1	0	1	2	0
Max.	3	3	0	4	3	2
Min.	0	0	0	0	0	0
A.F.	70	30	0	40	100	10

Water diverted 250 A.F.

Acreage reported D-511R-146

DAILY DIVERSIONS OF CANALS--1969
 KEARNEY CANAL from Platte River
 Measured through Parshall flume--Sec. 33-9-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	74	106	76	0	0	0	0	0	57	240	222	153
2	62	98	74	0	0	0	17	0	52	236	160	218
3	67	98	88	0	0	0	28	0	53	236	179	289
4	94	95	76	0	0	0	0	0	74	209	173	226
5	113	94	95	0	0	0	0	0	168	185	95	148
6	112	89	52	0	0	0	0	0	155	179	86	158
7	120	92	29	0	0	0	0	0	144	189	110	170
8	160	92	32	0	0	0	0	0	127	201	83	228
9	170	83	29	0	0	0	0	0	130	195	74	238
10	175	90	26	0	0	0	0	0	139	195	65	242
11	168	89	21	0	0	0	0	0	242	187	92	224
12	166	82	10	0	0	0	0	0	256	177	122	197
13	153	92	0	0	0	0	0	0	294	193	124	132
14	155	88	0	0	0	0	0	0	216	222	115	151
15	129	92	0	0	0	0	0	0	238	265	102	203
16	44	94	0	0	0	0	0	0	298	289	100	209
17	46	95	0	0	0	0	0	0	332	305	101	258
18	67	88	0	0	0	0	0	0	308	305	104	320
19	70	90	0	0	0	0	0	0	278	258	108	201
20	70	86	0	0	0	0	0	0	214	236	124	187
21	76	84	0	0	0	0	0	0	197	322	132	205
22	77	84	0	0	0	0	0	27	185	332	151	298
23	79	82	0	0	0	0	0	65	187	320	164	308
24	80	74	0	0	0	0	0	69	189	327	170	305
25	77	82	0	0	0	0	0	65	187	320	181	283
26	77	77	0	0	0	0	0	66	183	209	158	247
27	80	82	0	0	0	0	0	69	185	199	142	166
28	92	80	0	0	0	0	0	63	173	308	139	193
29	106	83	0	0	-	0	0	62	183	322	134	269
30	107	82	0	0	-	0	0	58	228	310	162	280
31	102	--	0	0	-	0	-	57	---	312	166	---
Mean	102	88	20	0	0	0	2	19	189	251	130	224
Max.	175	106	95	0	0	0	28	69	332	332	222	320
Min.	44	74	0	0	0	0	0	0	52	177	65	132
A.F.	6280	5240	1210	0	0	0	90	1190	11250	15440	8010	13300

Water diverted 62010 A.F.

Acreage reported D-1023-3992; A-8399-1688; A-9844-1027; A-10168-320; Total-7027

DAILY DIVERSIONS OF CANALS--1969
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	57	88	61	0	0	0	0	0	15	188	254	100
2	48	87	56	0	0	0	24	0	21	199	130	135
3	42	88	62	0	0	0	33	0	24	195	128	220
4	63	85	54	0	0	0	18	0	21	189	138	251
5	83	89	80	0	0	0	1	0	98	160	54	95
6	92	80	75	0	0	0	0	0	128	159	30	130
7	82	72	26	0	0	0	0	0	109	156	41	102
8	120	75	8	0	0	0	0	0	94	139	32	160
9	128	60	6	0	0	0	0	0	93	156	23	188
10	133	79	8	0	0	0	0	0	92	143	8	182
11	133	71	8	0	0	0	0	0	187	160	10	167
12	125	71	16	0	0	0	0	0	215	109	49	156
13	120	67	25	0	0	0	0	0	254	92	50	87
14	120	71	0	0	0	0	0	0	223	147	52	76
15	128	74	0	0	0	0	0	0	223	195	37	133
16	62	74	0	0	0	0	0	0	248	209	25	142
17	38	71	0	0	0	0	0	0	275	236	26	171
18	43	65	0	0	0	0	0	0	289	255	28	273
19	50	70	0	0	0	0	0	0	233	231	38	219
20	53	74	0	0	0	0	0	0	202	184	53	168
21	54	67	0	0	0	0	0	0	159	257	45	151
22	58	67	0	0	0	0	0	0	133	280	59	245
23	59	67	0	0	0	0	0	0	139	255	67	275
24	60	67	0	0	0	0	0	0	157	289	93	262
25	63	59	0	0	0	0	0	0	155	279	120	257
26	58	67	0	0	0	0	0	0	150	234	114	238
27	66	67	0	0	0	0	0	0	156	138	76	151
28	67	62	0	0	0	0	0	0	144	202	74	131
29	86	60	0	0	-	0	0	5	130	255	75	222
30	94	64	0	0	-	0	0	7	174	244	128	251
31	87	--	0	0	-	0	-	2	---	229	182	---
Mean	89	72	16	0	0	0	2	0	151	199	72	178
Max.	133	89	80	0	0	0	33	7	289	289	254	275
Min.	38	59	0	0	0	0	0	0	15	92	8	76
A.F.	5500	4280	960	0	0	0	150	30	9010	12230	4440	10590

Water returned 47190 A.F.

DAILY DIVERSIONS OF CANALS--1969
KEITH-LINCOLN COUNTY CANAL from North Platte River
Measured through Parshall flume--Sec. 18-14-36 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	69	16	0	30	58	62	90	80
2	68	16	0	41	58	61	84	67
3	67	16	0	45	58	61	84	36
4	63	16	0	45	58	61	89	30
5	50	14	0	46	64	60	97	12
6	48	13	0	48	75	67	101	0
7	49	20	0	53	79	71	106	0
8	49	18	0	53	76	74	100	0
9	48	15	0	53	76	72	103	0
10	46	14	0	53	75	74	101	30
11	46	10	0	53	74	72	104	71
12	51	6	0	53	71	74	111	92
13	51	0	0	53	64	89	111	91
14	51	0	0	53	64	89	110	89
15	51	0	0	57	64	85	104	85
16	53	0	0	58	62	94	102	85
17	38	0	0	55	61	107	104	78
18	21	0	0	48	64	102	101	71
19	20	0	0	56	63	100	104	64
20	21	0	0	62	63	95	100	61
21	20	0	0	42	64	79	103	61
22	21	0	0	36	65	62	104	59
23	22	0	0	56	67	61	103	48
24	20	0	0	58	71	70	100	48
25	21	0	0	58	73	79	92	51
26	20	0	0	58	67	80	89	51
27	17	0	0	58	65	79	84	50
28	17	0	0	58	64	83	79	48
29	19	0	21	58	64	96	88	48
30	18	0	26	58	64	101	89	54
31	17	-	--	58	--	98	84	--
Mean	38	6	2	52	66	79	98	52
Max.	69	20	26	62	79	107	111	92
Min.	17	0	0	30	58	60	79	0
A.F.	2320	350	90	3200	3950	4880	6010	3090

Water diverted 23890 A.F.
Acreage reported D-722-6092

DAILY DIVERSIONS OF CANALS--1969
 KIMBALL CANAL from Lodgepole Creek
 Measured through section of canal--Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	42	0
2	0	0	0	39	0
3	0	0	0	39	0
4	0	0	0	39	0
5	0	0	18	40	0
6	0	0	18	42	0
7	0	0	29	37	0
8	0	0	42	40	0
9	0	0	42	36	0
10	0	0	46	38	0
11	0	0	46	30	0
12	0	0	45	37	0
13	0	0	42	32	0
14	0	0	51	34	0
15	0	0	51	31	0
16	0	0	49	41	0
17	0	0	46	30	0
18	0	0	46	31	0
19	0	0	46	43	0
20	0	0	38	44	0
21	0	0	41	33	0
22	0	0	40	32	0
23	0	0	40	0	0
24	0	0	39	0	0
25	0	0	42	0	0
26	0	0	49	0	0
27	0	0	50	0	0
28	0	0	56	0	0
29	0	0	43	0	0
30	0	0	35	0	0
31	0	-	38	0	-
Mean	0	0	36	26	0
Max.	0	0	51	44	0
Min.	0	0	0	0	0
A.F.	0	0	2240	1610	0

Water diverted 3850 A.F.
 Oliver Reservoir Storage included
 Acreage reported A-897-3785

DAILY DIVERSIONS OF CANALS--1969
 LaBELLE CANAL from Niobrara River--Measured
 through rating flume--Sec. 6-28-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	8	6	9	8
2	6	0	8	4	6	2
3	7	0	5	4	6	0
4	6	0	3	4	7	2
5	7	0	3	4	2	6
6	7	0	1	4	0	6
7	7	0	0	4	0	6
8	6	0	0	3	0	6
9	6	0	1	4	0	6
10	6	0	3	3	0	4
11	6	0	5	3	0	4
12	6	2	6	1	0	2
13	6	4	6	0	3	0
14	6	1	6	0	5	0
15	5	1	6	0	5	0
16	5	2	6	0	6	0
17	5	3	6	0	7	0
18	5	4	5	0	7	0
19	5	5	5	0	6	0
20	4	5	5	0	6	0
21	2	5	6	2	6	0
22	1	4	6	3	7	0
23	0	4	6	1	7	0
24	0	4	6	6	7	0
25	0	4	6	6	5	0
26	0	3	6	6	0	3
27	0	3	6	6	0	5
28	0	3	6	6	0	5
29	0	3	3	6	0	6
30	0	3	5	6	5	5
31	0	4	-	8	7	-
Mean	4	2	5	3	4	3
Max.	7	5	8	8	9	8
Min.	0	0	0	0	0	0
A.F.	240	130	290	200	240	150

Water diverted 1250 A.F.
 Acreage reported D-518-140; A-60-220; Total-360

DAILY DIVERSIONS OF CANALS--1969
 LAKOTAH CANAL from Niobrara River--Measured
 through 2-foot Parshall flume--Sec. 1-30-57 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	5	5	4	0	0
2	2	0	5	5	4	0	0
3	3	0	6	5	4	0	0
4	3	0	6	5	3	0	0
5	3	0	5	4	3	0	0
6	2	0	5	3	3	0	0
7	3	0	6	3	3	0	0
8	3	0	6	5	4	0	0
9	0	0	6	5	4	0	0
10	0	0	5	4	4	0	0
11	4	0	5	5	3	0	0
12	4	0	5	5	3	0	0
13	4	0	5	5	3	0	0
14	4	0	5	6	3	0	0
15	4	0	6	6	4	0	0
16	4	3	6	5	4	0	0
17	4	5	6	5	3	0	0
18	4	5	6	5	3	0	0
19	4	4	5	4	0	0	0
20	3	4	5	4	0	0	0
21	3	4	6	5	0	0	0
22	4	4	5	4	0	0	0
23	4	4	5	4	0	0	0
24	4	4	5	5	0	0	0
25	3	4	5	6	0	0	0
26	0	4	4	5	0	0	0
27	0	3	4	5	0	0	3
28	0	6	4	5	0	0	3
29	0	6	4	4	0	0	3
30	0	6	5	4	0	0	3
31	0	-	6	-	0	0	-
Mean	3	2	5	5	2	0	0
Max.	4	6	6	6	4	0	3
Min.	0	0	4	3	0	0	0
A.F.	160	130	320	280	120	0	20

Water diverted 1030 A.F.
 Acreage reported D-554-410

DAILY DIVERSIONS OF CANALS--1969
 LAST CHANCE CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 27-19-50 W.

Date	May	June	July	Aug.	Sept.
1	12	2	2	3	4
2	12	0	5	3	4
3	12	5	6	3	4
4	12	5	7	3	4
5	13	5	7	3	4
6	11	6	7	3	4
7	10	6	7	3	4
8	10	7	7	3	4
9	9	7	6	1	4
10	9	7	6	0	3
11	9	7	6	0	3
12	9	7	6	0	3
13	8	7	6	2	3
14	8	7	6	4	3
15	8	7	6	4	3
16	2	7	6	5	3
17	0	7	6	4	3
18	0	7	7	3	3
19	0	7	7	3	3
20	0	7	7	2	4
21	0	7	7	1	4
22	0	7	7	1	4
23	0	8	7	1	4
24	0	8	8	2	4
25	0	6	8	2	4
26	0	5	8	2	4
27	0	3	8	4	4
28	2	3	8	4	4
29	3	2	8	4	4
30	1	2	7	4	2
31	4	-	4	4	-
Mean	6	6	7	3	4
Max.	13	8	8	5	4
Min.	0	0	2	0	2
A.F.	350	340	400	180	210

Water diverted 1480 A.F.
 Acreage reported D-883-442

DAILY DIVERSIONS OF CANALS--1969
 LICHTER CANAL from Niobrara River--Measured
 through Parshall flume--Sec. 27-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	2	0	3
2	0	0	2	0	3
3	0	0	2	0	2
4	0	1	2	1	2
5	0	3	2	2	2
6	0	4	1	4	1
7	0	5	0	4	1
8	0	3	0	5	1
9	0	4	0	5	1
10	0	4	0	5	1
11	0	3	0	6	1
12	0	2	0	4	1
13	0	2	0	0	0
14	0	1	0	0	0
15	1	1	0	0	0
16	3	0	0	0	0
17	3	0	0	0	0
18	2	2	0	0	0
19	2	2	0	0	0
20	2	3	0	0	0
21	2	3	0	4	0
22	2	3	0	6	0
23	3	3	0	6	0
24	3	3	0	6	0
25	3	3	0	5	1
26	2	3	0	3	2
27	0	2	0	5	2
28	0	2	0	4	1
29	0	2	0	4	1
30	0	2	0	4	1
31	0	-	0	4	-
Mean	1	2	0	3	1
Max.	3	5	2	6	3
Min.	0	0	0	0	0
A.F.	60	130	20	170	50

Water diverted 430 A.F.

Acres reported D-479-101; A-1086-207;
 A-1088-35; A-1152-17; A-2523-206; A-2837R-
 102; A-3592-46; Total-714

DAILY DIVERSIONS OF CANALS--1969
 LISCO CANAL from North Platte River
 Measured over weir--Sec. 14-18-47 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	27	0	8	0	26	28	7
2	24	0	10	0	26	26	33
3	22	0	11	0	26	22	41
4	24	0	16	11	26	30	43
5	24	0	32	21	17	31	41
6	21	0	14	30	10	26	39
7	19	0	0	30	23	24	42
8	17	0	0	21	38	25	42
9	16	0	0	27	41	28	42
10	6	0	0	28	48	33	37
11	10	0	0	31	54	35	33
12	12	0	0	0	61	40	30
13	14	0	0	0	65	39	28
14	12	0	0	0	62	38	29
15	6	0	0	0	55	35	31
16	0	0	0	0	54	31	31
17	0	0	0	0	54	20	31
18	0	0	0	0	49	23	27
19	0	0	0	0	40	19	21
20	0	0	0	10	35	19	17
21	0	0	0	21	36	20	16
22	0	0	0	15	35	20	19
23	0	0	0	12	40	21	21
24	0	0	0	21	37	21	19
25	0	0	4	25	38	21	19
26	0	0	9	14	35	22	25
27	0	0	4	14	28	33	27
28	0	0	0	19	30	35	30
29	0	7	0	27	33	35	34
30	0	11	0	26	33	43	40
31	0	--	0	--	28	1	--
Mean	8	1	3	13	38	27	30
Max.	27	11	32	31	65	43	43
Min.	0	0	0	0	10	1	7
A.F.	500	40	210	800	2350	1670	1780

Water diverted 7350 A.F.

Acres reported D-856-1401; D-787R-1158; A-243R-744;
 A-991-216; A-4658-112; A-5572-98; Total-3729

DAILY DIVERSIONS OF CANALS--1969
 MCGINLEY-STOVER CANAL (North) from Niobrara River
 Measured through rating flume--Sec. 25-29-56 W.

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

Water diverted 570 A.F.

Acres reported D-513a-575

DAILY DIVERSIONS OF CANALS--1969
 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	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	1	0	0
8	0	0	0	0	0
9	0	0	1	0	0
10	0	0	1	0	0
11	0	0	1	0	0
12	0	0	0	0	1
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	1	0	0
21	0	0	3	0	0
22	0	0	1	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	3	0	1
Min.	0	0	0	0	0
A.F.	0	0	20	0	0

Water diverted 20 A.F.

Acres reported D-513b-120

DAILY DIVERSIONS OF CANALS--1969
McINTOSH CANAL from Lodgepole Creek
Measured through rating flume--Sec. 23-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	2	1	2
2	0	0	2	1	2
3	0	3	2	1	0
4	0	3	3	1	0
5	0	3	3	1	0
6	0	3	2	1	0
7	0	3	5	1	0
8	0	4	2	1	0
9	0	4	2	1	0
10	0	4	2	1	0
11	0	2	2	1	0
12	0	2	2	1	0
13	0	3	1	1	0
14	0	3	1	1	0
15	0	3	1	1	0
16	0	2	1	1	0
17	0	2	1	1	0
18	0	2	1	1	0
19	0	2	1	1	0
20	0	2	1	2	0
21	0	2	1	1	0
22	0	2	2	1	0
23	0	2	2	1	0
24	0	2	2	2	0
25	0	2	2	2	0
26	0	2	2	1	0
27	0	2	2	1	0
28	0	2	2	1	0
29	0	2	1	1	0
30	0	2	1	2	0
31	0	-	1	2	-
Mean	0	3	2	1	0
Max.	0	4	5	2	2
Min.	0	0	1	1	0
A.F.	0	160	110	70	10

Water diverted 350 A.F.
Acreage reported D-351-185; A-734-122;
Total-307

DAILY DIVERSIONS OF CANALS--1969
McLAUGHLIN CANAL from Niobrara River
Measured through rating flume--Sec. 9-28-52 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	5	0	4	3	5	2	0
2	5	0	2	4	5	4	0
3	5	0	0	3	4	4	0
4	5	0	0	3	4	4	0
5	5	0	0	3	4	2	1
6	6	0	0	3	5	0	3
7	6	0	0	4	5	0	2
8	6	0	0	5	4	0	0
9	6	0	0	4	4	0	0
10	6	0	0	4	5	0	0
11	6	0	0	6	4	0	1
12	7	0	0	5	4	0	2
13	7	0	0	6	4	0	2
14	7	0	0	6	4	0	2
15	7	0	0	5	3	0	2
16	4	0	0	3	3	0	2
17	0	0	2	4	3	0	2
18	0	0	4	4	4	0	1
19	0	0	4	4	4	0	1
20	0	0	4	4	3	0	2
21	0	0	4	5	4	0	3
22	0	0	4	6	5	0	3
23	0	0	4	5	5	0	3
24	0	0	4	5	4	0	3
25	0	0	4	6	5	0	3
26	0	0	4	5	6	0	3
27	0	0	4	6	6	0	3
28	0	0	4	6	5	0	3
29	0	0	4	5	4	0	2
30	0	2	3	5	4	0	2
31	0	-	4	-	4	0	-
Mean	3	0	2	5	4	1	2
Max.	7	2	4	6	6	4	3
Min.	0	0	0	3	3	0	0
A.F.	180	0	120	270	260	40	100

Water diverted 970 A.F.
Acreage reported D-566-500

DAILY DIVERSIONS OF CANALS--1969
MEEKER-DRIFTWOOD CANAL from Republican River
Measured through 12-foot Parshall flume--Sec. 8-2-33 W

Date	Apr.	May	June	July	Aug.	Sept.
1	0	61	0	77	269	68
2	0	50	0	107	280	86
3	0	41	0	146	279	113
4	0	42	0	180	298	124
5	0	41	0	187	314	127
6	0	41	0	186	311	127
7	0	39	0	187	301	127
8	0	0	0	200	271	118
9	0	0	39	219	253	109
10	0	0	60	234	253	106
11	0	0	60	256	247	102
12	0	0	60	264	258	91
13	0	0	61	264	280	86
14	0	0	61	298	279	86
15	0	0	60	316	252	78
16	0	0	61	316	240	66
17	0	0	61	308	240	59
18	0	0	60	316	239	52
19	0	0	56	314	244	41
20	0	0	60	314	232	37
21	0	0	61	285	224	37
22	0	0	61	212	200	37
23	0	0	61	165	192	42
24	0	0	61	145	192	47
25	0	0	61	126	151	47
26	0	0	61	121	107	25
27	0	0	62	121	86	0
28	0	0	62	141	74	0
29	3	0	61	180	68	0
30	54	0	61	213	68	0
31	--	0	--	234	68	-
Mean	2	10	44	214	218	68
Max.	54	61	62	316	314	127
Min.	0	0	0	77	68	0
A.F.	110	620	2600	13150	13430	4040

Water diverted 33950 A.F.
Acreage reported D-4, 9, 8 & 7-2903; A-3869bR-
3873; A-3887cR-97; A-6213-9911; A-9690-251;
A-9911-556; Total-17591

DAILY DIVERSIONS OF CANALS--1969
MEREDITH-AMMER CANAL from Pumpkinseed Creek
Measured through rating flume--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	6	5	6	3
2	0	6	4	6	3
3	0	6	4	6	3
4	0	7	4	6	3
5	0	8	4	6	3
6	0	8	4	6	3
7	0	6	5	6	3
8	0	5	7	5	3
9	0	2	7	5	3
10	0	0	7	5	2
11	0	0	7	5	0
12	0	0	7	6	0
13	0	0	7	5	0
14	0	0	7	5	2
15	0	0	7	5	3
16	0	0	7	5	2
17	0	0	7	5	0
18	0	0	7	6	0
19	0	0	7	5	0
20	0	0	7	5	0
21	0	0	7	5	0
22	0	0	7	5	0
23	0	4	7	5	0
24	0	6	7	6	0
25	0	7	7	7	0
26	0	7	7	5	0
27	2	6	7	5	0
28	5	6	6	5	0
29	6	6	6	6	0
30	6	5	6	5	0
31	6	-	6	3	-
Mean	1	3	6	5	2
Max.	6	8	7	7	3
Min.	0	0	4	3	0
A.F.	50	200	380	330	90

Water diverted 1050 A.F.
Acreage reported D-876-450

DAILY DIVERSIONS OF CANALS--1969
 METTLEN CANAL from Niobrara River--Measured
 through rating flume--Sec. 4-28-54 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	2	1	0	3	2
2	3	0	2	1	0	3	2
3	3	0	3	1	0	3	3
4	3	0	3	1	0	3	2
5	3	0	3	1	0	3	2
6	3	0	3	1	0	3	2
7	3	0	2	1	0	3	2
8	3	0	2	1	1	3	2
9	3	0	2	1	2	3	1
10	3	0	2	0	1	3	1
11	3	0	2	1	1	2	1
12	3	0	2	1	1	2	1
13	3	0	1	1	3	2	1
14	3	0	1	0	2	1	0
15	3	0	1	0	2	1	0
16	3	0	1	0	2	1	0
17	3	0	1	0	2	2	0
18	3	0	1	0	2	1	0
19	4	0	1	0	2	1	0
20	2	0	1	0	2	1	0
21	1	0	1	0	3	1	0
22	1	0	1	0	2	1	0
23	1	0	1	0	3	1	0
24	1	0	1	0	4	1	0
25	1	0	1	1	3	1	0
26	1	0	1	1	3	2	0
27	1	0	1	1	3	2	0
28	1	1	1	1	3	2	0
29	1	2	1	1	3	2	0
30	0	2	1	1	3	2	0
31	0	-	1	-	3	2	-
Mean	2	0	2	1	2	2	1
Max.	4	2	3	1	4	3	3
Min.	0	0	1	0	0	1	0
A.F.	140	10	90	40	110	120	40

Water diverted 550 A.F.
 Acreage reported A-292-342; A-1248-53; A-2244-80;
 Total-475

DAILY DIVERSIONS OF CANALS--1969
 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	20	16	26	41
2	0	20	19	24	43
3	0	22	22	29	42
4	0	22	25	31	42
5	0	21	23	32	42
6	0	22	21	32	41
7	0	20	21	36	42
8	0	22	25	42	40
9	0	22	24	42	37
10	0	20	22	42	29
11	0	23	6	42	29
12	0	22	0	43	29
13	0	23	0	44	27
14	0	22	0	43	26
15	0	18	20	44	25
16	0	19	29	45	24
17	0	20	24	45	17
18	0	22	18	45	7
19	0	23	18	46	0
20	0	23	21	47	0
21	0	22	22	46	0
22	0	19	21	46	0
23	0	21	20	46	0
24	0	20	20	45	0
25	0	19	20	44	0
26	0	19	20	46	0
27	20	16	20	45	0
28	31	15	22	45	0
29	24	17	26	45	0
30	22	18	26	45	0
31	21	--	26	42	--
Mean	4	20	19	41	19
Max.	31	23	28	47	43
Min.	0	15	0	24	0
A.F.	230	1210	1180	2530	1160

Water diverted 6310 A.F.
 Acreage reported A-2293-2356; A-2678-0; A-3979a-748; A-3981a-220; A-8692-0; A-8930-63; Total-

DAILY DIVERSIONS OF CANALS--1969
 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	30	21	38	45
2	0	32	21	32	49
3	0	33	21	42	49
4	0	32	25	46	46
5	0	31	24	52	42
6	0	32	23	52	41
7	0	33	21	54	41
8	0	33	21	54	41
9	0	32	20	56	38
10	0	33	20	57	33
11	0	33	5	56	33
12	0	32	0	55	34
13	0	30	0	57	31
14	0	26	28	56	30
15	0	24	44	54	28
16	0	23	48	58	14
17	0	24	26	57	0
18	0	26	28	55	0
19	0	24	24	54	0
20	0	23	22	58	0
21	0	22	23	56	0
22	0	22	28	58	0
23	0	22	26	61	0
24	0	23	18	57	0
25	0	21	22	56	0
26	0	18	23	51	0
27	0	17	27	49	0
28	0	17	29	50	0
29	0	17	32	51	0
30	0	18	34	54	0
31	21	--	39	49	--
Mean	1	26	24	53	20
Max.	21	33	48	61	49
Min.	0	17	0	32	0
A.F.	40	1550	1470	3240	1180

Water diverted 7480 A.F.
 Acreage reported A-2293-2542; A-2678-194; A-3979b-1346; A-3981b-154; A-4131-16; A-6623-25;

DAILY DIVERSIONS OF CANALS--1969

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

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	51	0	88	37
2	0	55	13	90	34
3	0	56	30	102	24
4	0	54	32	103	27
5	0	54	42	92	28
6	0	55	45	92	29
7	0	55	42	96	28
8	0	55	40	94	25
9	0	55	36	86	23
10	0	50	35	82	23
11	0	45	40	82	21
12	0	41	46	88	23
13	0	39	62	95	26
14	0	35	85	97	26
15	0	29	96	102	23
16	0	26	102	106	22
17	0	25	98	99	17
18	0	25	71	96	5
19	0	24	59	96	0
20	0	26	52	94	0
21	0	28	52	81	0
22	0	28	48	74	0
23	34	28	39	66	0
24	52	25	37	64	0
25	55	16	38	56	0
26	61	5	43	50	0
27	53	0	50	57	0
28	48	0	52	61	0
29	49	0	59	71	0
30	52	0	76	71	0
31	52	-	96	51	-
Mean	15	33	52	83	15
Max.	61	56	102	106	37
Min.	0	0	0	50	0
A.F.	900	1950	3210	5120	870

Water diverted 12050 A.F.
Acreage reported A-2293-4277; A-2678-110;
A-3979c-5665; A-3981c-82; A-4360-117;
Total-10251

Date	May	June	July	Aug.	Sept.
1	0	46	0	102	48
2	0	46	17	96	53
3	0	44	33	104	47
4	0	42	39	103	38
5	0	42	56	98	37
6	0	42	62	96	37
7	0	42	50	99	37
8	0	43	35	100	32
9	0	43	36	104	29
10	0	45	43	104	29
11	0	42	46	105	30
12	0	38	51	106	30
13	0	38	64	105	30
14	0	38	90	108	30
15	0	39	121	104	30
16	0	39	128	101	30
17	0	38	121	102	23
18	0	38	99	100	7
19	0	37	90	101	0
20	0	36	91	100	0
21	0	34	71	97	0
22	0	32	47	85	0
23	0	32	46	75	0
24	0	34	42	76	0
25	0	28	45	68	0
26	29	8	44	60	0
27	68	0	49	67	0
28	67	0	52	72	0
29	52	0	58	72	0
30	43	0	79	72	0
31	44	-	108	62	-
Mean	10	33	62	92	20
Max.	68	46	128	108	53
Min.	0	0	0	60	0
A.F.	600	1960	3790	5640	1180

Water diverted 13170 A.F.
Acreage reported A-2293-5970; A-2678-84;
A-3979d-2550; A-3981d-126; A-5139-103; A-10161-
233; A-10175-56; Total-9122

DAILY DIVERSIONS OF CANALS--1969

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	0	8	5	0
2	0	0	7	1	2
3	0	2	10	2	2
4	0	4	12	2	1
5	0	2	12	2	0
6	0	1	13	4	0
7	0	1	12	2	0
8	0	1	10	1	2
9	0	1	14	1	6
10	0	0	12	3	8
11	0	2	11	3	8
12	0	3	1	2	8
13	0	4	0	2	8
14	0	5	0	1	8
15	0	3	0	0	8
16	0	3	10	0	10
17	0	4	15	0	11
18	0	5	12	0	8
19	0	6	10	2	1
20	0	6	13	2	0
21	0	6	13	2	0
22	0	5	13	2	0
23	0	4	9	1	0
24	0	7	8	2	0
25	0	8	6	2	0
26	0	9	8	1	0
27	0	10	7	1	0
28	0	8	9	1	0
29	0	7	14	1	0
30	0	9	14	0	0
31	0	-	9	0	-
Mean	0	4	9	2	3
Max.	0	10	15	5	11
Min.	0	0	0	0	0
A.F.	0	250	580	100	180

Water returned 1110 A.F.

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

DAILY DIVERSIONS OF CANALS--1969

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	0	10	12
2	0	5	0	8	10
3	0	8	0	5	9
4	0	6	0	8	3
5	0	6	0	5	6
6	0	6	0	4	7
7	0	7	13	5	6
8	0	10	10	7	4
9	0	12	12	8	5
10	0	12	10	8	6
11	0	14	6	6	5
12	0	13	4	4	2
13	0	13	4	5	4
14	0	13	6	4	4
15	0	12	4	4	4
16	0	9	0	5	3
17	0	5	12	7	5
18	0	6	16	8	7
19	0	5	18	6	3
20	0	3	18	8	0
21	0	3	19	12	0
22	0	5	16	12	0
23	0	5	12	14	0
24	0	7	9	16	0
25	0	9	8	16	0
26	12	7	8	10	0
27	9	5	9	6	0
28	4	1	7	6	0
29	1	0	2	5	0
30	1	0	4	7	0
31	1	-	5	23	-
Mean	1	7	7	8	4
Max.	12	14	19	23	12
Min.	0	0	0	4	0
A.F.	60	410	460	500	210

Water returned 1640 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	0	22	23
2	0	7	0	14	18
3	0	12	0	13	23
4	0	7	0	12	17
5	0	4	0	11	11
6	0	5	0	10	11
7	0	4	26	6	10
8	0	4	20	7	12
9	0	4	11	6	8
10	0	5	11	6	6
11	0	11	12	6	6
12	0	9	9	3	6
13	0	7	9	2	4
14	0	8	10	2	4
15	0	10	9	3	4
16	0	9	14	2	9
17	0	10	23	1	13
18	0	10	30	3	13
19	0	9	34	4	6
20	0	9	33	6	6
21	0	10	38	14	1
22	0	10	28	14	0
23	0	10	16	11	0
24	0	9	19	8	0
25	0	11	16	12	0
26	0	10	19	5	0
27	0	8	18	1	0
28	0	2	21	3	0
29	0	2	13	5	0
30	0	1	4	12	0
31	0	-	11	27	-
Mean	0	7	15	8	7
Max.	0	12	38	27	23
Min.	0	0	0	1	0
A.F.	0	430	900	500	420

Water returned 2250 A.F.

DAILY DIVERSIONS OF CANALS--1969

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 Summary in Acre-feet--1969

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	230	1210	1180	2530	1160	6310
Canal No. 2.....	40	1550	1470	3240	1180	7480
Canal No. 3.....	900	1950	3210	5120	870	12050
Canal No. 4.....	600	1960	3790	5640	1180	13170
Total diversion.....	1770	6670	9650	16530	4390	39010
Returned through spillways:						
Canal No. 1.....	0	250	580	100	180	1110
Canal No. 2.....	0	410	480	350	380	1620
Canal No. 3.....	60	410	460	500	210	1640
Canal No. 4.....	0	430	900	500	420	2250
Total returned.....	60	1500	2420	1450	1190	6620
Net diversion.....	1710	5170	7230	15080	3200	32390

DAILY DIVERSIONS OF CANALS--1969
MIDLAND-OVERLAND CANAL from North Platte River
Measured through Parshall flume--Sec. 2-16-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	5	21	15
2	11	0	0	12	19	16
3	9	0	0	10	18	16
4	9	0	7	7	26	14
5	9	0	14	6	14	15
6	9	0	12	6	4	15
7	9	0	12	5	3	14
8	10	0	16	2	2	12
9	11	0	17	2	1	12
10	6	0	18	0	1	8
11	0	0	7	0	4	0
12	0	0	0	0	8	0
13	0	0	0	0	9	5
14	0	0	0	0	7	10
15	0	0	0	3	0	10
16	0	0	0	6	0	10
17	0	0	0	6	0	10
18	0	0	1	4	0	10
19	0	0	2	8	0	9
20	0	0	2	9	0	8
21	0	0	2	11	0	8
22	0	0	2	7	0	9
23	0	0	2	4	0	11
24	0	0	1	5	0	11
25	0	0	3	2	0	11
26	0	0	5	5	0	12
27	0	0	1	6	1	12
28	0	0	0	11	5	11
29	0	0	0	20	7	11
30	0	0	0	22	9	10
31	0	0	-	21	13	--
Mean	3	0	4	7	6	10
Max.	12	0	18	22	26	16
Min.	0	0	0	0	0	0
A.F.	190	0	250	410	340	620

Water diverted 1810 A.F.

Acreage reported D-789-1000; D-791-1104;
D-800 (A-1742 O.D.)-154; Total-2258

DAILY DIVERSIONS OF CANALS--1969
MINATARE CANAL from North Platte River
Measured through rating flume--Sec. 32-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	41	0	52	62	113	44
2	41	0	48	82	108	48
3	40	0	48	82	94	41
4	40	0	63	78	102	40
5	39	0	74	75	99	40
6	39	0	76	78	94	40
7	38	0	75	88	97	39
8	39	0	60	92	106	39
9	38	29	56	94	97	38
10	38	36	49	97	99	39
11	38	40	47	114	101	45
12	38	50	44	105	100	46
13	38	54	37	102	100	48
14	37	47	33	105	101	54
15	37	42	32	106	100	51
16	40	47	29	102	100	50
17	10	44	29	108	101	48
18	8	40	24	101	100	53
19	8	39	19	96	102	57
20	8	38	17	96	102	57
21	8	21	16	104	101	56
22	8	16	13	101	105	45
23	8	17	24	99	100	50
24	8	15	40	102	99	51
25	8	14	51	106	94	49
26	6	25	41	101	91	41
27	8	28	37	105	95	39
28	6	38	55	106	96	35
29	6	38	58	104	80	43
30	4	40	53	105	32	48
31	0	46	--	112	25	--
Mean	23	26	43	97	95	46
Max.	41	54	76	114	113	57
Min.	0	0	13	62	25	35
A.F.	1440	1590	2580	5970	5820	2720

Water diverted 20120 A.F.

Acreage reported D-919-9372

DAILY DIVERSIONS OF CANALS--1969
MIRAGE FLATS CANAL from Niobrara River--Measured
through 10-foot Parshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	84	0	202	88
2	0	84	0	183	79
3	0	76	0	182	82
4	0	86	0	179	72
5	0	86	0	179	67
6	0	96	0	185	56
7	0	113	0	190	73
8	0	104	0	192	53
9	0	93	63	192	51
10	0	81	68	198	44
11	0	71	89	205	39
12	0	54	96	208	15
13	0	56	100	212	0
14	0	51	131	212	0
15	3	3	162	198	0
16	3	0	182	184	0
17	3	0	209	179	0
18	3	0	208	171	0
19	3	0	158	178	0
20	3	0	117	190	0
21	3	0	93	182	0
22	3	0	56	175	0
23	3	0	37	162	0
24	3	0	34	154	0
25	3	0	33	148	0
26	5	0	38	148	0
27	33	0	43	143	0
28	64	0	86	142	0
29	64	0	120	134	0
30	65	0	155	122	0
32	85	-	194	103	-
Mean	11	38	80	175	24
Max.	85	113	209	212	88
Min.	0	0	0	103	0
A.F.	690	2260	4900	10770	1430

Water diverted 20050 A.F.

Acreage reported A-2683-9513; A-3729-
2156; Total-11669

DAILY DIVERSIONS OF CANALS--1969
MITCHELL CANAL from North Platte River--Measured
through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	119	61	99	67
2	0	121	81	99	42
3	0	119	77	102	40
4	0	120	83	101	20
5	0	119	103	101	27
6	0	115	84	112	27
7	0	55	121	109	30
8	0	0	139	112	57
9	8	0	118	111	51
10	112	22	127	112	43
11	141	0	124	116	32
12	126	0	119	115	34
13	8	0	107	117	31
14	52	0	84	118	23
15	52	0	105	121	27
16	53	0	120	126	30
17	58	0	115	132	28
18	72	2	108	132	23
19	113	3	106	127	16
20	121	5	123	132	16
21	123	0	123	127	4
22	129	0	132	115	12
23	133	1	131	116	11
24	113	0	111	106	15
25	106	0	100	103	15
26	88	1	95	109	20
27	93	0	93	110	31
28	101	5	97	111	18
29	126	0	100	107	5
30	129	61	95	95	0
31	123	--	96	75	-
Mean	70	29	106	112	26
Max.	141	121	139	132	67
Min.	0	0	61	75	0
A.F.	4320	1720	6500	6880	1580

Water diverted 21000 A.F.

Acreage reported D-1052-13633

DAILY DIVERSIONS OF CANALS--1969
MONTAGUE CANAL from Niobrara River--Measured
through rating flume--Sec. 27-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0.1	0.1
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	0.1	0
7	0	0	0	0.2	0
8	0	0	0	0.2	0
9	0	0	0	0.2	0
10	0	0	0	0.2	0
11	0	0	0	0.2	0
12	0	0	0	0.3	0
13	0	0	0	0.2	0
14	0	0	0	0.1	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	0.2	0
20	0	0	0	0.3	0
21	0	0	0	0.4	0
22	0	0	0	0.4	0
23	0	0	0	0.4	0
24	0	0	0	0.4	0
25	0	0	0	0.5	0
26	0	0	0	0.3	0
27	0	0	0	0.3	0
28	0	0	0	0.4	0
29	0	0	0	0.3	0
30	0	0	0	0.2	0
31	0	-	0	0.2	-
Mean	0	0	0	0.2	0
Max.	0	0	0	0.5	0.1
Min.	0	0	0	0.0	0
A.F.	0	0	0	10	0

Water diverted 10 A.F.

Acreeage reported A-575-32; A-607R-21;
A-2754-20; A-3923-42; Total-115

DAILY DIVERSIONS OF CANALS--1969
MOORE-KAY CANAL from Niobrara River--Measured
through rating flume--Sec. 9-28-53 W.

Date	May	June	July	Aug.	Sept.
1	0	3	5	3	6
2	0	4	2	2	5
3	0	3	2	2	6
4	0	3	2	1	9
5	2	3	2	0	9
6	66	2	4	0	6
7	6	5	3	0	6
8	5	6	3	0	6
9	4	7	3	0	6
10	3	7	3	0	5
11	2	8	2	0	3
12	2	8	2	0	2
13	2	9	2	0	2
14	3	8	2	0	2
15	4	7	2	0	3
16	4	6	2	0	4
17	4	5	2	0	4
18	4	4	3	1	5
19	4	4	3	2	5
20	4	4	3	2	5
21	4	6	5	3	5
22	4	4	5	3	6
23	4	3	2	3	5
24	3	4	7	3	5
25	3	6	8	3	5
26	2	8	7	3	5
27	2	7	4	3	5
28	3	6	3	4	4
29	2	6	5	5	3
30	2	6	4	7	2
31	3	-	3	9	-
Mean	3	5	3	2	5
Max.	6	9	8	9	9
Min.	00	2	2	0	2
A.F.	180	320	210	120	290

Water diverted 1120 A.F.

Acreeage reported A-88-400

DAILY DIVERSIONS OF CANALS--1969
NAPONEE CANAL from Republican River--Measured
through Sparling Meter--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	8	31	0
2	0	0	17	31	0
3	0	0	26	31	0
4	0	0	30	31	0
5	0	0	30	31	0
6	0	0	10	34	0
7	0	0	0	35	0
8	0	0	0	33	0
9	0	0	0	22	0
10	0	0	0	16	0
11	0	0	0	25	0
12	0	0	0	26	0
13	0	0	0	26	0
14	0	0	0	26	0
15	0	0	11	26	0
16	0	0	21	24	0
17	0	0	24	21	0
18	0	0	27	20	0
19	0	0	11	21	0
20	0	0	0	23	0
21	0	0	0	23	0
22	0	0	0	21	0
23	0	0	0	19	0
24	0	0	0	18	0
25	0	0	0	15	0
26	0	0	0	11	0
27	0	0	0	11	0
28	0	0	10	10	0
29	0	0	19	10	0
30	0	0	24	7	0
31	0	-	29	0	-
Mean	0	0	10	22	0
Max.	0	0	30	35	0
Min.	0	0	0	0	0
A.F.	0	0	590	1340	0

Water diverted 1930 A.F.

Acreeage reported A-4217-1344; A-6220-79;
A-9463-86; A-9722-11; A-10965-234;
Total-4754

DAILY DIVERSIONS OF CANALS--1969
NINE MILE CANAL from North Platte River
Measured through rating flume--Sec. 16-21-53 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	48	0	53	69	67	76	66
2	49	0	50	69	66	74	64
3	48	0	46	69	69	77	68
4	47	0	45	70	72	71	70
5	48	0	53	70	69	71	70
6	47	0	49	69	71	74	67
7	46	0	36	67	74	73	65
8	45	0	29	59	74	73	65
9	45	0	31	54	70	71	66
10	43	0	34	55	69	71	64
11	42	0	41	55	74	72	63
12	42	0	49	55	72	74	66
13	41	0	45	50	70	71	66
14	39	0	54	48	72	71	68
15	39	0	56	39	74	72	65
16	20	0	48	32	69	71	62
17	0	0	33	30	76	72	62
18	0	0	39	34	71	76	59
19	0	0	47	44	75	77	58
20	0	0	46	42	74	76	57
21	0	0	45	44	74	76	60
22	0	0	44	48	72	76	54
23	0	0	45	49	74	76	53
24	0	0	47	48	73	76	51
25	0	0	52	46	74	72	50
26	0	0	55	54	71	69	51
27	0	0	61	57	69	68	54
28	0	0	71	57	68	70	57
29	0	32	70	56	69	69	57
30	0	57	71	68	71	67	56
31	0	--	70	--	72	66	--
Mean	22	3	49	54	71	73	61
Max.	49	57	71	70	76	77	70
Min.	0	0	29	30	66	66	50
A.F.	1370	180	3000	3190	4390	4460	3640

Water diverted 20230 A.F.

Acreeage reported D-925-5158; P-262 (from Red Willow
Creek)-71; Total-5229

DAILY DIVERSIONS OF CANALS--1969
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 TAYLOR-ORD CANAL from North Loup River
 Measured through rating flume--Sec. 20-21-18 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	42	0	94	60	211	186
2	46	0	96	61	211	185
3	43	0	98	64	213	169
4	43	0	96	66	212	145
5	45	0	98	64	206	86
6	43	0	108	65	205	84
7	42	0	110	64	200	88
8	33	0	105	54	205	80
9	32	0	104	49	207	83
10	37	0	103	53	204	84
11	35	0	96	58	203	77
12	35	0	93	58	204	83
13	33	0	86	80	208	81
14	33	0	68	90	211	83
15	34	0	57	112	215	85
16	40	0	61	140	212	83
17	1	0	63	120	214	74
18	0	0	66	101	215	59
19	0	31	71	104	214	48
20	0	89	69	99	216	41
21	0	25	69	101	213	41
22	0	21	72	118	213	46
23	0	37	68	137	213	49
24	0	46	71	156	214	46
25	0	45	71	183	212	43
26	0	58	61	180	208	46
27	0	75	67	174	205	44
28	0	77	65	184	207	45
29	0	76	63	193	199	46
30	0	86	58	205	192	46
31	0	90	--	208	175	--
Mean	20	24	80	110	208	79
Max.	46	90	110	208	216	186
Min.	0	0	57	49	175	41
A.F.	1220	1500	4770	6750	12770	4670

Water diverted 31680 A.F.
 Acreage reported A-2155-47; A-2312-12540; A-2417-183; A-3215a-836; A-3892-0; A-3980a-1234; A-4400-0; A-6430-54; A-7600-0; A-7986-0; A-8544-36; A-10199-0; A-10371-resort; A-13379-8; A-11648-15; Total-14953

DAILY DIVERSIONS OF CANALS--1969
 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	Oct.	May	June	July	Aug.	Sept.
1	25	0	49	32	106	95
2	27	0	50	32	110	76
3	26	0	49	32	104	48
4	23	0	48	29	109	53
5	13	0	47	27	108	41
6	0	0	46	32	106	47
7	0	0	50	27	107	51
8	0	0	54	8	110	45
9	0	0	54	0	112	42
10	0	0	38	0	112	42
11	0	0	61	0	110	41
12	0	1	50	34	108	41
13	0	3	50	37	110	40
14	0	59	48	62	114	40
15	0	38	37	89	116	38
16	0	22	37	92	115	34
17	0	20	41	64	114	33
18	0	22	46	51	112	28
19	0	26	56	49	111	21
20	0	29	56	54	114	18
21	0	30	56	56	113	17
22	0	32	56	60	113	17
23	0	31	52	72	113	17
24	0	30	50	80	114	18
25	0	29	43	102	117	18
26	0	35	34	98	110	17
27	0	42	31	95	110	18
28	0	40	32	99	108	20
29	0	43	31	107	101	20
30	0	47	32	110	93	20
31	0	47	--	110	79	--
Mean	4	20	46	56	109	35
Max.	27	59	61	110	117	95
Min.	0	0	31	0	79	17
A.F.	230	1240	2750	3450	6700	2090

Water diverted 16460 A.F.
 Acreage reported A-2312-5683; A-3215b-1102; A-3772-75; A-3828-39; A-3831-0; A-3980b-1266; A-5133-0; A-6578-38; A-6943-16; A-9809-20; A-10443-37; Total-8276

DAILY DIVERSIONS OF CANALS--1969
 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.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	49	25	97	0
2	14	0	49	25	97	10
3	15	0	48	24	89	21
4	16	0	49	24	92	20
5	15	0	49	24	89	18
6	15	0	49	25	87	17
7	15	0	48	21	85	18
8	12	0	48	20	82	19
9	13	0	48	24	81	18
10	13	0	48	26	82	18
11	12	0	31	33	86	19
12	0	0	40	46	94	19
13	0	0	38	59	100	19
14	0	0	36	84	101	19
15	0	0	34	103	101	19
16	0	0	35	109	102	20
17	0	0	35	61	101	19
18	0	0	34	58	104	11
19	0	0	36	59	102	0
20	0	0	35	59	92	0
21	0	0	35	60	77	0
22	0	39	30	75	68	3
23	0	36	29	82	62	17
24	0	24	27	97	63	16
25	0	24	23	105	60	15
26	0	26	22	104	50	15
27	0	36	20	104	42	15
28	0	42	23	104	43	15
29	0	43	22	100	41	15
30	0	46	25	96	34	17
31	0	48	--	95	0	--
Mean	5	12	36	62	78	14
Max.	16	48	49	109	104	21
Min.	0	0	20	20	0	0
A.F.	300	720	2170	3830	4770	860

Water diverted 12650 A.F.
 Acreage reported A-2312-5647; A-3215c-325; A-3672-0; A-3980c-561; A-4231-0; A-10209-0;

DAILY DIVERSIONS OF CANALS--1969
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 TAYLOR ORD SPILLWAY AT 33.90 returned to North Loup River via
 Dore Creek--Measured through 3-foot weir--Sec. 16-19-14 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	3	4	5	5
2	6	0	3	4	5	5
3	6	0	4	4	5	5
4	6	0	4	4	5	5
5	6	0	4	4	6	5
6	6	0	4	4	6	4
7	6	0	4	4	5	2
8	6	0	4	4	5	1
9	6	0	4	4	5	1
10	6	0	4	4	5	2
11	6	0	4	4	5	3
12	6	0	4	4	5	3
13	6	0	5	4	4	3
14	6	0	4	4	3	3
15	6	0	4	5	3	3
16	7	0	4	5	3	3
17	8	0	4	5	3	3
18	6	0	4	6	3	4
19	0	0	4	5	3	6
20	0	0	4	6	3	6
21	0	0	4	6	2	5
22	0	0	4	6	3	1
23	0	0	4	5	3	4
24	0	0	4	5	4	5
25	0	0	4	3	4	4
26	0	0	4	4	3	4
27	0	0	4	4	4	4
28	0	1	4	2	4	5
29	0	3	4	4	4	4
30	0	3	4	5	4	5
31	0	3	--	5	5	--
Mean	4	0	4	4	4	4
Max.	8	3	5	6	6	6
Min.	0	0	3	2	2	1
A.F.	220	20	240	270	250	220

Water returned 1220 A.F.

DAILY DIVERSIONS OF CANALS--1969

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	Oct.	May	June	July	Aug.	Sept.
1	10	0	13	20	7	3
2	12	0	17	22	8	6
3	13	0	19	23	9	11
4	13	0	17	24	9	13
5	13	0	12	24	6	10
6	16	0	12	23	6	1
7	16	0	11	30	5	4
8	15	0	15	28	3	10
9	10	0	16	26	3	10
10	8	0	19	23	4	10
11	11	0	22	25	4	9
12	10	0	25	27	2	5
13	8	0	25	30	0	12
14	7	0	22	31	1	13
15	8	0	16	20	2	14
16	12	0	9	12	0	16
17	17	0	8	12	0	17
18	2	0	10	29	1	12
19	0	0	11	31	2	4
20	0	0	13	30	1	0
21	0	4	13	29	0	0
22	0	11	14	22	1	0
23	0	6	16	15	2	2
24	0	10	14	6	3	6
25	0	14	19	5	2	4
26	0	10	19	9	4	3
27	0	6	19	9	4	4
28	0	11	23	10	4	3
29	0	7	24	4	5	4
30	0	3	22	3	4	4
31	0	9	--	5	2	-
Mean	6	3	16	20	3	7
Max.	17	14	25	31	9	17
Min.	0	0	8	3	0	0
A.F.	400	180	980	1210	210	420

Water returned 3400 A.F.

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

Date	Oct.	May	June	July	Aug.	Sept.
1	8	0	7	8	7	8
2	10	0	10	8	7	11
3	10	0	10	8	7	6
4	10	0	6	12	6	0
5	10	0	4	12	4	1
6	7	0	3	12	2	0
7	1	0	3	12	3	0
8	0	0	4	12	4	3
9	0	0	7	5	4	7
10	0	0	4	0	5	6
11	0	0	2	0	6	7
12	0	0	9	0	6	8
13	0	0	10	2	6	10
14	0	0	11	8	6	10
15	0	2	10	9	7	11
16	0	8	5	7	6	11
17	0	6	6	9	6	10
18	0	4	6	7	6	11
19	0	5	7	9	6	11
20	0	4	9	10	7	9
21	0	6	10	12	7	8
22	0	6	11	12	7	8
23	0	6	11	11	8	7
24	0	5	11	6	8	8
25	0	2	12	4	8	8
26	0	2	10	6	8	8
27	0	3	8	5	7	8
28	0	6	8	6	9	8
29	0	6	8	6	8	10
30	0	7	8	6	6	10
31	0	7	-	6	8	--
Mean	2	3	8	7	6	7
Max.	10	8	12	12	9	11
Min.	0	0	2	0	2	0
A.F.	110	170	460	460	390	440

Water returned 2030 A.F.

DAILY DIVERSIONS OF CANALS--1969

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	Oct.	May	June	July	Aug.	Sept.
1	5	0	6	10	11	2
2	7	0	7	10	12	2
3	7	0	7	11	13	9
4	6	0	7	10	14	14
5	7	0	8	10	16	13
6	6	0	9	11	15	11
7	8	0	9	11	15	11
8	8	0	11	8	14	11
9	8	0	12	4	11	10
10	7	0	11	6	8	8
11	8	0	13	5	7	10
12	7	0	9	4	4	12
13	1	0	14	2	4	9
14	0	0	13	3	6	9
15	0	0	12	1	5	9
16	0	0	10	3	5	10
17	0	0	10	12	6	11
18	0	0	10	12	8	12
19	0	0	11	12	11	5
20	0	0	13	12	13	1
21	0	0	13	12	14	1
22	0	0	12	7	13	0
23	0	4	11	6	12	1
24	0	5	11	4	14	8
25	0	3	11	3	14	8
26	0	3	8	5	14	6
27	0	3	10	5	13	5
28	0	6	10	6	13	5
29	0	3	10	2	12	5
30	0	5	10	9	11	6
31	0	5	--	9	9	-
Mean	3	1	10	7	11	7
Max.	8	6	14	12	16	14
Min.	0	0	6	1	4	0
A.F.	170	70	610	450	670	440

Water returned 2410 A.F.

DAILY DIVERSIONS OF CANALS--1969

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1969

	Oct.	May	June	July	Aug.	Sept.	Total
Diversions:							
Taylor-Ord Canal.....	1220	1500	4770	6750	12770	4670	31680
Burwell-Sumter Canal.	230	1240	2750	3450	6700	2090	16460
Ord-North Loup Canal.	300	720	2170	3830	4770	860	12650
Total diverted.....	1750	3460	9690	14030	24240	7620	60790
Returned through spillways:							
Taylor-Ord.....	620	200	1220	1480	460	640	4620
Burwell-Sumter.....	110	170	460	460	390	440	2030
Ord-North Loup.....	170	70	610	450	670	440	2410
Total returned.....	900	440	2290	2390	1520	1520	9060
Net diversion.....	850	3020	7400	11640	22720	6100	51730

DAILY DIVERSIONS OF CANALS--1969
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	118	0	98	139	142	258	153
2	118	0	111	138	144	253	147
3	118	0	112	135	160	258	114
4	117	0	111	133	175	262	107
5	117	0	112	145	173	253	139
6	117	0	117	145	138	253	131
7	117	0	135	160	167	258	136
8	57	0	133	163	197	239	139
9	0	13	130	152	200	238	128
10	0	51	126	149	213	233	134
11	0	54	125	155	225	241	96
12	0	47	125	152	223	252	92
13	0	36	124	147	228	252	139
14	0	40	122	139	250	246	144
15	0	53	126	133	258	238	145
16	0	56	156	143	255	225	144
17	0	55	142	143	255	216	156
18	0	53	123	153	258	214	120
19	0	51	119	145	255	225	107
20	0	51	122	162	249	210	106
21	0	51	120	159	207	206	105
22	0	64	117	157	192	208	105
23	0	73	114	156	189	204	101
24	0	75	85	156	186	207	96
25	0	77	79	133	189	222	75
26	0	77	90	113	174	223	64
27	0	75	97	139	175	221	61
28	0	75	104	128	203	204	62
29	0	76	104	129	246	195	61
30	0	87	99	131	253	183	27
31	0	--	126	--	257	160	--
Mean	28	43	116	144	208	228	111
Max.	118	87	156	163	258	262	156
Min.	0	0	79	113	138	160	27
A.F.	1740	2560	7150	8590	12770	14000	6610
Water diverted 53420 A.F.							
Acreage reported D-635-14065							

DAILY DIVERSIONS OF CANALS--1969
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	96	71	187	142
2	0	111	92	193	148
3	0	76	71	209	107
4	0	84	70	218	173
5	0	95	60	211	69
6	0	88	83	202	71
7	0	82	191	192	73
8	0	96	217	162	113
9	0	119	198	148	102
10	0	102	193	150	62
11	0	36	228	164	45
12	0	87	246	176	23
13	0	32	198	183	2
14	0	27	196	183	4
15	0	74	191	188	0
16	13	70	195	185	0
17	89	71	203	187	11
18	88	19	206	196	37
19	54	0	197	185	25
20	40	0	205	182	8
21	49	13	201	172	5
22	70	31	207	179	30
23	30	42	220	184	19
24	35	26	217	188	13
25	51	27	218	191	2
26	21	55	210	201	8
27	0	43	201	202	139
28	0	38	204	192	130
29	0	45	202	189	101
30	24	35	200	197	75
31	34	--	202	195	--
Mean	19	57	180	187	58
Max.	89	119	246	218	173
Min.	0	0	60	148	0
A.F.	1190	3410	11090	11490	3450
Water diverted 30630 A.F.					

DAILY DIVERSIONS OF CANALS--1969
NORTHPORT CANAL from Drains
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	138	153	184	229
2	0	144	149	186	205
3	0	146	148	185	207
4	0	143	147	183	208
5	0	144	147	183	214
6	0	146	148	184	210
7	0	152	145	184	211
8	0	157	143	182	213
9	0	156	145	180	212
10	0	158	141	186	215
11	0	176	136	189	217
12	34	159	137	194	220
13	37	154	145	192	224
14	34	153	147	193	220
15	37	152	149	193	203
16	103	154	149	195	212
17	102	152	151	196	215
18	103	151	158	194	216
19	106	144	173	196	216
20	106	130	171	194	228
21	106	150	182	196	243
22	106	148	177	197	230
23	107	146	170	200	229
24	105	172	173	203	230
25	102	172	175	203	236
26	125	162	180	200	230
27	106	160	185	204	102
28	87	158	182	214	66
29	86	157	181	217	50
30	133	156	183	218	51
31	134	---	179	211	--
Mean	60	153	160	195	199
Max.	134	176	185	218	243
Min.	0	130	136	180	50
A.F.	3690	9100	9820	11970	11830
Water diverted	46410	A.F.			

DAILY DIVERSIONS OF CANALS--1969

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet--1969

Section Township	Range						Total
	May	June	July	Aug.	Sept.		
Diverted from:							
North Platte River	10-23-58	1190	3410	11090	11490	3450	30630
*Sheep Creek	17-23-57	1790	5440	5130	6160	6140	24660
*Akers Draw	17-23-57	370	690	740	840	650	3290
*Tub Springs	27-33-55	620	1420	2280	2390	2120	8830
*Spotted Tail, Dry	9-23-56	440	410	860	1320	1150	4180
*Spotted Tail, Wet	10-23-56	460	1140	810	1270	1760	5440
*Moffal Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		4870	12510	20910	23470	15270	77030

Water diverted 77030 A.F.
Pathfinder storage included
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--1969
 ORCHARD-ALFALFA CANAL from Platte River
 Measured through Parshall flume--Sec. 9-19-24 W.

Date	May	June	July	Aug.	Sept.
1	0	22	19	21	45
2	0	21	18	21	35
3	12	21	18	23	28
4	16	21	18	24	21
5	0	26	17	30	10
6	14	21	15	42	0
7	22	19	15	58	0
8	21	16	12	71	0
9	22	15	22	75	0
10	20	18	25	75	0
11	19	21	30	71	0
12	18	13	33	69	0
13	18	23	50	76	0
14	18	24	59	78	0
15	18	24	76	71	0
16	19	25	82	58	0
17	20	25	89	41	0
18	9	24	71	33	0
19	18	22	58	37	0
20	16	23	60	38	0
21	5	26	64	45	0
22	20	21	39	53	0
23	28	20	18	56	0
24	26	19	31	50	0
25	24	17	0	47	0
26	23	20	0	49	0
27	21	20	0	50	0
28	23	19	0	49	0
29	25	19	13	47	0
30	24	19	20	49	0
31	23	--	21	47	-
Mean	18	21	32	50	5
Max.	28	26	89	78	45
Min.	0	13	0	21	0
A.F.	1080	1240	1970	3080	280

Water diverted 7650 A.F.
 Acreage reported D-627-5915

DAILY DIVERSIONS OF CANALS--1969
 OSHKOSH CANAL from North Platte River
 Measured through Parshall flume--Sec. 33-17-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	0	0	0	0
2	6	0	0	0	0	0
3	5	0	0	0	0	0
4	4	0	0	0	0	0
5	4	0	0	0	0	0
6	4	0	0	0	0	0
7	4	0	0	0	0	0
8	4	0	0	0	0	0
9	5	0	0	0	0	0
10	5	0	0	0	0	0
11	4	0	0	0	0	0
12	4	0	0	0	0	0
13	4	0	0	0	0	0
14	3	0	0	0	0	0
15	3	0	0	0	0	0
16	3	0	0	0	0	0
17	3	0	0	0	0	0
18	3	0	0	0	0	0
19	3	0	0	0	0	0
20	2	0	0	0	0	0
21	2	0	0	0	0	0
22	1	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	3	0	0	0	0	0
Max.	6	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	160	0	0	0	0	0

Water diverted 160 A.F.
 Acreage reported D-797-672

DAILY DIVERSIONS OF CANALS--1969
 OWASCO CANAL from Lodgepole Creek--Measured
 through rating flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	6	1	4	5
2	0	6	2	6	5
3	0	5	3	6	3
4	0	3	4	4	3
5	0	1	4	5	5
6	0	2	2	6	6
7	0	2	2	5	7
8	0	2	2	5	5
9	0	2	1	4	5
10	0	2	1	4	5
11	0	2	1	4	5
12	0	6	1	4	0
13	0	6	4	2	0
14	0	4	4	0	0
15	0	4	4	2	0
16	0	6	4	2	0
17	0	6	5	2	0
18	0	6	5	2	0
19	0	6	5	2	0
20	0	6	5	5	0
21	0	6	5	5	0
22	0	6	5	5	0
23	0	5	0	5	0
24	0	5	0	4	0
25	2	5	0	4	0
26	2	6	6	4	0
27	5	6	5	2	0
28	6	6	5	2	0
29	5	3	6	2	0
30	5	3	4	2	0
31	5	-	5	0	-
Mean	1	4	3	4	2
Max.	6	6	6	6	7
Min.	0	1	0	0	0
A.F.	60	260	200	220	110

Water diverted 850 A.F.
 Acreage reported D-347R-83; A-725-653;
 Total-736

DAILY DIVERSIONS OF CANALS--1969
 PAISLEY CANAL from Blue Creek--Measured
 through 4-foot Parshall flume--Sec. 6-16-42 W.

Date	May	June	July	Aug.	Sept.
1	0	15	14	5	11
2	0	15	13	4	11
3	0	16	14	4	10
4	0	16	12	5	9
5	0	16	10	4	10
6	0	16	14	3	9
7	0	15	1	3	9
8	0	15	5	6	10
9	0	15	9	5	13
10	0	15	8	6	13
11	0	0	8	6	14
12	0	0	7	6	15
13	0	0	8	5	15
14	0	1	9	1	14
15	0	8	15	1	14
16	3	5	25	0	14
17	1	6	21	0	8
18	0	5	13	0	8
19	0	0	13	0	7
20	0	0	5	0	7
21	0	5	6	0	7
22	0	12	5	0	9
23	0	10	4	0	8
24	10	12	3	0	8
25	17	15	4	0	9
26	16	14	5	0	16
27	16	12	4	0	16
28	16	12	4	3	15
29	16	13	4	11	15
30	16	16	5	14	15
31	15	--	4	14	--
Mean	4	10	9	3	11
Max.	17	16	25	14	16
Min.	0	0	1	0	7
A.F.	250	600	540	210	670

Water diverted 2270 A.F.
 Acreage reported D-800-815; A-515-95;
 A-1738-176; Total-1086

DAILY DIVERSIONS OF CANALS--1969
PAXTON-HERSHEY CANAL from North Platte River
Measured through Parshall flume--Sec. 18-14-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	67	4	54	58	113	48
2	60	0	53	55	108	47
3	51	31	55	55	104	42
4	47	46	61	67	106	40
5	38	48	64	66	105	41
6	36	43	75	69	103	35
7	36	44	74	67	106	21
8	29	44	71	67	105	47
9	18	27	72	71	103	79
10	15	35	73	77	104	40
11	16	44	64	91	102	14
12	28	44	54	104	112	26
13	29	42	50	104	112	55
14	38	36	46	104	96	60
15	43	43	36	110	83	69
16	48	64	43	117	75	69
17	41	60	19	117	74	74
18	30	33	42	118	59	67
19	26	40	60	86	44	59
20	32	43	58	43	18	58
21	34	53	56	20	22	57
22	38	62	58	28	20	57
23	36	59	58	69	26	46
24	36	58	56	69	39	66
25	36	44	32	72	67	45
26	34	43	16	68	95	50
27	39	48	47	69	104	48
28	17	44	25	83	104	47
29	0	46	36	102	101	46
30	0	46	55	105	85	56
31	0	48	--	108	48	--
Mean	32	43	52	79	82	50
Max.	67	64	75	118	113	79
Min.	0	0	16	20	18	14
A.F.	1980	2620	3100	4840	5040	2990

Water diverted 20570 A.F.
Acreage reported D-653-7323

DAILY DIVERSIONS OF CANALS--1969
PIONEER CANAL from Niobrara River--Measured
through rating flume--Sec. 36-29-51 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	5	11	0	5	4	3	3
2	4	11	0	6	4	3	3
3	4	11	0	5	5	3	3
4	4	11	0	4	5	3	3
5	4	7	0	5	4	3	3
6	4	2	0	5	5	4	3
7	4	2	0	9	3	3	3
8	4	2	0	17	2	2	3
9	4	2	0	16	2	3	3
10	4	2	0	14	2	3	3
11	6	2	0	15	2	3	3
12	6	2	0	14	3	4	3
13	5	1	0	12	3	4	3
14	6	0	0	10	2	4	3
15	6	0	0	9	2	4	3
16	7	0	0	7	2	3	3
17	7	0	0	7	3	3	3
18	10	0	4	5	4	3	3
19	10	0	11	5	4	3	3
20	10	0	7	5	5	3	3
21	10	0	6	5	5	3	4
22	10	0	7	5	5	3	4
23	10	0	8	5	5	3	4
24	10	0	7	5	5	3	4
25	10	0	7	5	4	3	4
26	11	0	6	5	4	3	4
27	12	0	5	5	4	3	4
28	12	0	4	5	4	2	4
29	12	0	4	4	4	2	4
30	12	0	5	4	3	2	7
31	12	--	5	--	3	3	--
Mean	8	2	3	7	4	3	3
Max.	12	11	11	17	5	4	7
Min.	4	0	0	4	2	2	3
A.F.	470	130	170	440	220	190	200

Water diverted 1820 A.F.
Acreage reported D-442a-605; A-3812-55; A-4599-15;
A-5010-192; Total-867

DAILY DIVERSIONS OF CANALS--1969
POTMESIL CANAL from Niobrara River--Measured
through Parshall flume--Sec. 26-29-48 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	6	8	7	6
2	0	0	6	8	7	5
3	0	0	5	7	6	5
4	0	0	6	7	5	5
5	0	0	5	7	4	7
6	0	0	6	3	5	6
7	0	0	7	0	7	6
8	0	0	6	1	7	5
9	0	0	7	6	7	5
10	0	0	8	5	7	6
11	0	0	8	5	7	7
12	0	0	7	5	7	3
13	0	0	6	5	7	3
14	0	0	7	5	7	9
15	0	0	8	4	7	8
16	0	0	8	4	7	8
17	0	0	8	5	7	9
18	0	0	8	6	6	9
19	0	0	8	6	6	7
20	0	0	8	6	8	3
21	0	0	8	6	7	8
22	0	0	8	6	5	3
23	0	0	8	6	6	0
24	0	0	8	6	6	0
25	0	0	8	6	7	0
26	0	0	8	7	8	0
27	0	0	8	7	7	0
28	0	3	8	5	7	0
29	0	6	8	6	6	0
30	0	6	8	7	6	0
31	0	6	--	8	5	--
Mean	0	1	7	6	6	4
Max.	3	6	8	8	8	9
Min.	0	0	5	0	4	0
A.F.	10	40	430	340	400	260

Water diverted 1480 A.F.
Acreage reported A-2566-473; A-10686-142;
Total-615

DAILY DIVERSIONS OF CANALS--1969
RAMSHORN CANAL from North Platte River
Measured over 15-foot weir--Sec. 19-23-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	22	10	17	20
2	18	0	19	8	17	20
3	17	0	10	9	17	20
4	16	0	8	8	18	19
5	14	0	10	12	17	17
6	13	0	10	22	15	13
7	12	0	10	30	14	13
8	10	0	17	15	13	13
9	10	0	4	7	12	14
10	10	0	5	18	10	13
11	10	0	11	28	17	13
12	10	0	12	15	18	12
13	10	0	12	25	22	9
14	10	0	12	27	19	6
15	10	0	7	34	20	8
16	0	0	8	10	20	13
17	0	0	10	20	21	14
18	0	0	10	19	21	14
19	0	0	10	22	25	15
20	0	0	10	17	26	15
21	0	0	12	21	21	15
22	0	5	13	20	18	17
23	0	14	13	16	21	17
24	0	15	12	24	24	16
25	0	18	9	19	26	17
26	0	22	5	15	26	16
27	0	21	7	21	20	18
28	0	20	10	18	19	18
29	0	21	10	18	14	17
30	0	21	11	13	18	17
31	0	22	--	18	21	--
Mean	6	6	11	18	19	15
Max.	18	22	22	34	26	20
Min.	0	0	4	7	10	6
A.F.	370	360	630	1110	1160	890

Water diverted 4520 A.F.
Acreage reported D-945-1650

DAILY DIVERSIONS OF CANALS--1969
 RED WILLOW CANAL From Red Willow Creek
 Measured through orifice check--Sec. 25-4-29 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	22	54	17
2	7	0	9	30	57	17
3	16	0	12	46	60	20
4	16	0	12	53	63	21
5	16	0	11	53	66	25
6	16	0	10	54	68	27
7	21	0	9	45	71	27
8	20	0	9	43	70	27
9	18	0	9	46	69	27
10	18	0	9	39	69	23
11	16	0	8	29	71	16
12	14	0	10	27	66	5
13	14	0	10	27	63	0
14	14	3	10	38	62	0
15	5	25	10	54	58	0
16	0	17	10	65	56	0
17	0	13	10	69	56	0
18	0	14	10	75	56	0
19	0	14	10	66	56	0
20	0	16	9	64	62	0
21	0	16	9	37	65	0
22	0	16	9	0	60	0
23	0	16	9	19	55	0
24	0	16	9	24	54	0
25	0	16	8	7	50	0
26	0	13	8	0	42	0
27	0	10	9	8	32	0
28	0	10	10	21	29	0
29	0	3	10	28	22	0
30	0	0	18	36	17	0
31	0	0	--	44	17	-
Mean	7	7	10	38	55	8
Max.	21	25	18	75	71	27
Min.	0	0	0	0	17	0
A.F.	420	430	570	2320	3360	500

Water diverted 7600 A.F.
 Acreage reported A-3869cR-3780; A-6216-545;
 A-10195-496; Total-4821

DAILY DIVERSIONS OF CANALS--1969
 RIVERSIDE CANAL from Frenchman River
 Measured in section of canal--Sec. 33-4-32 W.

Date	May	June	July	Aug.	Sept.
1	0	0	4	11	8
2	0	0	5	11	8
3	0	0	5	10	8
4	0	0	6	10	8
5	0	0	7	9	9
6	0	0	8	9	9
7	0	0	8	10	8
8	1	0	7	11	8
9	4	0	7	11	7
10	5	0	6	10	7
11	7	5	4	9	6
12	8	5	2	10	7
13	7	5	0	10	7
14	5	5	0	10	6
15	4	5	0	9	5
16	1	6	1	9	4
17	0	6	1	9	3
18	0	6	2	9	2
19	0	6	4	10	2
20	0	6	6	10	2
21	0	6	8	9	2
22	0	6	11	9	2
23	0	6	8	8	1
24	0	6	6	7	0
25	0	6	4	7	0
26	0	0	2	6	0
27	0	0	0	6	0
28	0	0	0	7	0
29	0	3	3	7	0
30	0	3	6	7	0
31	0	-	9	7	-
Mean	1	3	5	9	4
Max.	8	6	11	11	9
Min.	0	0	0	6	0
A.F.	80	180	280	550	260

Water diverted 1350 A.F.
 Acreage reported D-18-359; A-1674-217;
 Total-576

DAILY DIVERSIONS OF CANALS--1969
 RUTTNER CANAL (New) from Lodgepole Creek
 Measured through rating flume--Sec. 36-15-57 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	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 D-350R-22; A-727-39;
 A-857R-92; A-869-44; A-5303-25; Total-222

DAILY DIVERSIONS OF CANALS--1969
 RUTTNER-KINNEY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 31-15-56 W.

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

Water diverted 350 A.F.
 Acreage reported D-345R-126; D-350-51;
 A-718R-53; A-1828-14; Total-244

DAILY DIVERSIONS OF CANALS--1969
 SARGENT CANAL from Middle Loup River--Measured
 through 10-foot Parshall flume--Sec. 32-21-21 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	47	0	60	46	156	157
2	47	0	61	47	157	145
3	41	0	64	53	157	145
4	29	0	64	52	165	138
5	0	0	71	52	173	104
6	0	0	85	53	191	75
7	0	0	90	43	194	67
8	0	0	104	34	218	64
9	0	0	112	34	216	64
10	0	0	115	32	222	62
11	0	0	109	28	238	54
12	0	0	85	28	238	45
13	0	0	78	30	246	39
14	0	0	67	42	257	39
15	0	0	61	58	257	41
16	0	0	56	96	257	49
17	0	0	50	51	256	47
18	0	0	43	34	257	41
19	0	0	44	34	257	37
20	0	0	54	34	257	36
21	0	0	54	34	256	36
22	0	0	54	34	241	30
23	0	0	56	31	230	30
24	0	0	58	26	225	30
25	0	21	58	29	210	30
26	0	62	56	34	200	30
27	0	57	52	44	200	30
28	0	59	49	58	188	30
29	0	64	46	81	173	30
30	0	64	46	116	160	10
31	0	64	--	137	159	--
Mean	5	13	67	49	213	58
Max.	47	64	115	137	257	157
Min.	0	0	43	26	156	10
A.F.	330	780	3970	2990	13110	3440

Water diverted 24620 A.F.
 Acreage reported A-4841a-13352; A-10260c-Supp

DAILY DIVERSIONS OF CANALS--1969
 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 canal
 Sec. 20-14-35 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	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 D-710

Date	May	June	July	Aug.	Sept.
1	6	7	5	7	6
2	6	7	5	7	6
3	6	7	5	7	6
4	6	7	5	7	6
5	6	7	5	6	6
6	6	7	5	6	6
7	6	7	5	6	6
8	6	7	5	6	5
9	6	7	5	6	5
10	6	7	5	6	5
11	6	7	5	6	5
12	6	7	5	6	5
13	6	7	5	6	5
14	7	7	5	6	5
15	7	7	5	6	5
16	7	7	5	6	5
17	7	7	5	6	6
18	7	7	5	6	6
19	7	7	5	5	6
20	7	6	5	5	6
21	7	6	5	5	6
22	7	6	6	5	6
23	7	6	6	5	6
24	7	6	6	5	6
25	7	6	6	5	7
26	7	6	6	5	7
27	7	6	7	5	7
28	7	5	7	5	7
29	7	5	7	5	7
30	7	5	7	5	7
31	7	-	7	5	-
Mean	6	7	5	6	6
Max.	7	7	7	7	7
Min.	6	5	5	5	5
A.F.	400	390	340	350	350

Water diverted 1830 A.F.
 Acreage reported D-710-918

DAILY DIVERSIONS OF CANALS--1969
SHORT LINE CANAL from North Platte River
Measured through rating flume--Sec. 25-21-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	18	25	23	30
2	10	0	24	25	26	39
3	10	0	39	26	26	26
4	6	0	31	28	27	29
5	2	0	21	31	28	29
6	2	0	25	36	29	24
7	2	0	30	40	28	23
8	1	0	20	39	27	22
9	0	0	20	39	27	20
10	0	0	23	35	28	25
11	0	0	22	37	29	29
12	0	0	28	36	28	28
13	0	2	26	37	27	24
14	0	13	23	42	27	22
15	0	14	20	42	31	20
16	0	12	22	39	33	20
17	0	12	22	42	33	20
18	0	12	22	44	35	19
19	0	11	21	47	34	17
20	0	10	20	47	33	19
21	0	9	20	32	32	21
22	0	9	19	29	29	22
23	0	9	20	29	27	22
24	0	10	21	28	26	22
25	0	13	21	31	31	22
26	0	15	20	25	29	22
27	0	15	21	25	29	27
28	0	16	24	26	31	33
29	0	16	26	37	39	29
30	0	18	26	36	35	35
31	0	24	--	29	26	--
Mean	1	8	23	34	29	25
Max.	10	24	39	47	39	39
Min.	0	0	18	25	23	17
A.F.	90	480	1380	2110	1810	1470

Water diverted 7340 A.F.
Acreage reported D-946-3020

DAILY DIVERSIONS OF CANALS--1969
SIX MILE CANAL from Platte River--Measured
through Parshall flume--Sec. 18-11-25 W.

Date	May	June	July	Aug.	Sept.
1	0	1	6	10	3
2	0	1	6	10	1
3	0	1	5	9	0
4	0	0	5	8	0
5	0	0	6	9	0
6	0	0	8	18	0
7	0	0	0	19	0
8	0	0	0	16	0
9	0	0	0	18	0
10	0	0	0	21	0
11	0	1	0	19	0
12	0	1	1	16	0
13	0	1	8	20	0
14	0	1	22	20	0
15	0	0	26	21	0
16	0	0	31	21	0
17	0	0	31	22	0
18	0	0	23	22	0
19	0	1	23	22	0
20	0	2	21	25	0
21	0	4	24	23	0
22	0	10	22	23	0
23	1	13	20	22	0
24	4	14	15	20	0
25	3	17	13	18	0
26	3	35	7	17	0
27	2	28	9	14	0
28	2	7	12	10	0
29	2	8	10	7	0
30	2	7	10	7	0
31	1	-	9	4	-
Mean	1	5	12	16	0
Max.	4	35	31	25	3
Min.	0	0	0	4	0
A.F.	40	300	740	1010	10

Water diverted 2100 A.F.
Acreage reported D-680-1173

DAILY DIVERSIONS OF CANALS--1969
SNOW CANAL from Niobrara River--Measured
through rating flume--Sec. 35-29-51 W.

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

Water diverted 240 A.F.
Acreage reported D-485-200

DAILY DIVERSIONS OF CANALS--1969
SUBURBAN CANAL from North Platte River
Measured through rating flume--Sec. 8-14-32 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	69	6	0	42	66	51	89	89
2	69	6	0	42	37	52	89	82
3	69	6	0	36	7	51	89	74
4	69	6	0	27	14	73	97	44
5	69	7	0	29	53	67	94	22
6	69	7	0	33	56	83	103	38
7	65	7	0	36	67	75	103	42
8	64	7	0	42	72	76	105	53
9	69	7	0	32	72	80	104	68
10	68	7	0	26	72	77	106	58
11	65	2	0	22	77	78	107	50
12	65	0	0	29	74	81	107	44
13	63	0	0	58	71	86	108	47
14	64	0	0	64	66	86	106	49
15	65	0	0	73	61	87	103	49
16	65	0	0	76	58	87	105	48
17	63	0	0	78	53	88	105	65
18	52	0	0	73	28	89	103	79
19	35	0	0	69	31	88	104	69
20	35	0	0	69	59	85	106	62
21	35	0	0	69	66	84	105	60
22	35	0	0	73	67	84	99	60
23	34	0	6	37	67	75	97	59
24	31	0	23	26	68	68	92	58
25	27	0	35	60	72	71	84	57
26	26	0	43	59	37	71	80	58
27	26	0	42	65	10	67	80	58
28	25	0	43	73	9	61	67	58
29	30	0	42	74	8	71	43	58
30	15	0	43	74	20	82	72	59
31	7	-	--	70	--	85	94	--
Mean	50	2	9	53	51	76	95	57
Max.	69	7	43	78	77	89	108	89
Min.	7	0	0	22	7	51	43	22
A.F.	3060	130	550	3240	3010	4680	5840	3410

Water diverted 23920 A.F.
Acreage reported D-662-5621

DAILY DIVERSIONS OF CANALS--1969
 SUPERIOR CANAL from Republican River
 Measured through 12-foot Parshall flume
 Sec. 7-1-9 W.

Date	May	June	July	Aug.	Sept.
1	0	0	70	91	19
2	0	0	80	91	14
3	0	0	93	91	7
4	0	0	108	78	0
5	0	0	110	64	0
6	45	0	113	67	0
7	68	0	114	74	0
8	44	0	112	74	0
9	28	0	110	74	0
10	29	0	78	80	0
11	29	0	60	103	0
12	30	0	59	112	0
13	30	0	60	116	0
14	29	0	59	128	0
15	29	0	60	128	0
16	28	0	68	127	0
17	28	0	93	128	0
18	28	0	89	123	0
19	10	0	73	120	0
20	0	0	50	118	0
21	0	0	47	110	0
22	0	0	38	107	0
23	0	0	10	96	0
24	0	0	0	88	0
25	0	0	0	71	0
26	0	0	0	42	0
27	0	0	0	27	0
28	0	28	18	0	0
29	0	49	68	0	0
30	0	60	68	5	0
31	0	--	75	19	-
Mean	15	5	64	82	1
Max.	68	60	114	128	19
Min.	0	0	0	0	0
A.F.	900	270	3940	5060	80

Water diverted 10250 A.F.

Acreeage reported A-2691cR-5444; A-6223-261; A-9723-44; A-9875-49; A-10966-66;

DAILY DIVERSIONS OF CANALS--1969
 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	0	291	1300	688	703	664	894	413	0	14	1790	1750
2	0	359	1220	664	699	669	894	390	0	14	1780	1750
3	0	404	1100	662	694	643	892	391	12	14	1760	1760
4	0	509	1030	659	694	598	885	387	19	14	1750	1760
5	0	666	948	658	698	594	890	389	45	14	1740	1760
6	0	798	912	645	693	586	892	389	42	13	1760	1760
7	0	904	888	648	690	590	885	367	44	13	1780	1760
8	0	1010	897	650	693	600	870	279	44	14	1800	1770
9	0	1090	895	658	693	592	868	224	44	13	1800	1770
10	0	1100	886	664	690	590	886	224	20	13	1810	1740
11	0	1290	881	667	685	588	885	220	20	13	1820	1800
12	0	1510	885	672	688	590	883	228	18	46	1800	1810
13	0	1730	841	683	694	590	881	232	18	190	1790	1780
14	0	1860	885	716	694	592	890	230	18	282	1790	1770
15	0	1880	895	722	688	586	849	229	17	376	1790	1770
16	0	1870	886	716	686	588	737	264	18	495	1780	1780
17	0	1800	883	727	690	585	626	228	18	626	1780	1740
18	0	1870	885	720	688	585	519	218	18	789	1780	1540
19	0	1900	849	727	696	588	433	224	18	1040	1780	1410
20	0	1880	787	720	704	578	433	227	17	1220	1780	1280
21	0	1860	725	722	693	586	442	24	16	1370	1780	1120
22	0	1850	699	720	691	584	449	0	17	1650	1780	966
23	0	1730	695	700	698	586	457	0	16	1770	1770	910
24	0	1720	693	700	691	608	469	0	15	1780	1770	802
25	0	1740	653	750	693	769	456	0	15	1780	1770	688
26	0	1730	651	730	698	913	466	0	15	1760	1780	568
27	0	1730	718	704	701	913	487	0	15	1740	1780	464
28	0	1640	664	698	683	897	509	0	15	1720	1780	343
29	0	1520	656	701	---	908	491	0	15	1750	1770	232
30	94	1410	650	701	---	910	464	0	15	1770	1770	122
31	211	----	645	701	---	908	---	0	--	1800	1760	---
Mean	10	1340	845	693	693	664	689	193	20	778	1780	1350
Max.	211	1900	1300	750	704	913	894	413	45	1800	1820	1810
Min.	0	291	645	645	683	584	433	0	0	13	1740	122
A.F.	600	82610	51970	42630	38500	40820	41020	11460	1200	47810	109430	80280

Water diverted 578330 A.F.

DAILY DIVERSIONS OF CANALS--1969
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	89	132	298	179	296	376	256	137	1120	1060	110	0
2	82	136	301	172	280	354	242	124	966	1100	104	0
3	80	142	294	179	312	352	232	120	912	1160	104	0
4	82	134	303	207	294	346	226	120	828	1240	106	0
5	90	141	305	218	296	344	222	108	732	1270	106	0
6	94	139	305	247	298	365	216	209	634	1280	102	0
7	94	146	296	263	312	369	212	646	576	1230	94	0
8	104	149	305	294	332	349	203	520	529	958	94	0
9	125	151	301	322	317	359	199	421	609	798	54	0
10	102	153	324	356	327	346	203	392	582	693	0	0
11	115	157	332	322	339	310	197	344	690	597	0	0
12	132	157	336	310	352	356	195	421	716	450	0	0
13	139	158	276	322	376	352	195	999	643	364	0	0
14	139	160	263	336	346	349	191	1080	970	303	0	0
15	139	160	251	354	336	359	201	1120	1140	256	0	0
16	144	164	283	364	354	349	193	1170	1140	222	0	0
17	136	199	315	376	352	352	193	1160	1180	183	0	0
18	136	238	327	376	344	334	191	1160	1230	179	0	0
19	136	254	298	382	352	327	185	1160	1260	179	0	0
20	146	263	274	389	344	310	179	1160	1270	276	0	0
21	136	278	185	387	346	322	160	1210	1280	415	0	0
22	134	285	181	413	349	322	160	1210	1270	294	0	0
23	136	287	153	382	356	317	170	1200	1230	247	0	0
24	136	294	104	213	369	308	149	1200	1240	232	0	0
25	137	294	136	209	389	294	151	1210	1250	222	0	0
26	146	294	157	168	389	289	149	1210	1230	173	0	0
27	132	294	170	187	382	280	146	1200	1210	137	0	0
28	124	296	185	216	402	276	146	1210	1150	130	0	0
29	112	303	205	244	---	274	148	1220	1120	124	0	0
30	124	301	214	278	---	272	148	1210	1080	124	0	0
31	132	---	207	283	---	256	---	1200	---	127	0	-
Mean	121	209	254	289	341	328	189	834	993	517	28	0
Max.	146	303	336	413	402	376	256	1220	1280	1280	110	0
Min.	80	132	104	168	280	256	146	108	529	124	0	0
A.F.	7440	12410	15640	17750	18920	20170	11220	51270	59080	31780	1730	0

Water diverted 247410 A.F.

DAILY DIVERSIONS OF CANALS--1969
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	526	0	859	822	798	780	780	838	870	976	1500	1148
2	522	0	861	821	801	768	800	847	883	952	1500	1119
3	69	0	843	850	800	767	724	852	806	988	1500	1114
4	27	0	837	788	798	711	839	845	792	1004	1530	1116
5	27	0	819	802	802	719	763	860	576	998	1630	1103
6	28	0	816	794	799	732	695	855	527	961	1730	1081
7	28	26	821	787	798	734	822	807	526	1025	1790	1086
8	27	34	831	772	803	770	710	881	574	979	1790	1076
9	28	48	830	780	802	765	781	792	554	984	1790	1065
10	27	48	825	740	803	780	769	872	492	1026	1790	1079
11	20	48	819	773	800	835	708	846	366	1295	1790	1090
12	0	48	817	832	796	754	798	861	352	1495	1790	981
13	0	333	348	737	781	703	693	785	370	1660	1790	969
14	0	406	942	764	783	698	758	864	448	1715	1790	950
15	0	567	855	784	787	700	737	702	584	1735	1790	977
16	0	659	848	765	783	701	747	82	640	1860	1730	1025
17	0	679	784	833	779	749	734	55	540	1920	1570	1006
18	0	847	813	825	814	722	784	58	559	1910	1500	1011
19	0	793	769	826	805	631	800	59	519	1810	1500	1033
20	0	830	774	828	815	551	785	62	518	1680	1450	986
21	0	859	778	815	826	454	770	504	527	1560	1457	1005
22	0	877	839	846	830	574	739	529	517	1470	1464	878
23	0	874	920	914	846	614	754	544	517	1430	1495	883
24	0	888	900	909	835	716	740	486	857	1430	1534	877
25	0	883	896	905	839	741	747	521	969	1435	1599	882
26	0	892	901	828	854	756	750	547	1010	1495	1607	874
27	0	888	836	851	846	619	737	677	972	1570	1572	813
28	0	896	752	773	815	806	842	725	1013	1530	1496	809
29	0	893	729	812	---	724	827	864	1025	1490	1405	815
30	0	908	789	825	---	777	815	825	1060	1495	1241	815
31	0	---	824	791	---	789	---	870	---	1495	1217	---
Mean	43	474	815	813	808	714	765	642	665	1399	1592	989
Max.	526	908	942	914	854	835	842	881	1060	1920	1790	1148
Min.	0	0	348	737	779	454	693	55	352	952	1217	809
A.F.	2640	28210	50130	49970	44900	43910	45520	39500	39600	86030	97860	58840

Water returned 587110 A.F.

DAILY DIVERSIONS OF CANALS--1969
 THIRTY MILE CANAL from Platte River
 Measured through Parshall flume--Sec. 31-12-26 W.

Date	May	June	July	Aug.	Sept.
1	0	54	72	185	116
2	0	56	78	183	125
3	0	53	67	177	146
4	0	52	66	183	151
5	0	46	59	209	143
6	39	45	75	235	115
7	60	50	79	244	97
8	41	60	97	248	105
9	5	60	106	250	115
10	5	61	138	246	113
11	5	60	172	246	115
12	5	58	202	246	115
13	5	58	209	265	113
14	5	58	231	263	112
15	8	58	277	259	112
16	35	57	293	256	112
17	39	56	295	252	94
18	38	53	295	226	31
19	52	58	299	204	0
20	53	62	297	159	0
21	49	64	299	159	0
22	54	61	299	172	0
23	53	59	299	183	0
24	59	57	229	182	0
25	54	57	126	178	0
26	39	54	106	178	0
27	42	59	122	175	0
28	54	69	152	172	0
29	56	70	157	143	0
30	56	69	183	115	0
31	56	--	185	119	-
Mean	31	58	179	204	68
Max.	60	70	299	265	151
Min.	0	45	59	115	0
A.F.	1920	3440	11040	12520	4030

Water diverted 32950 A.F.

Siphon 450 A.F.

Total 33400 A.F.

Acreeage reported A-1853-19587; A-1976-3555; A-2077-320; Total-23462

DAILY DIVERSIONS OF CANALS--1969
 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	1760	1430	1530	1280	1360	1540	1470	1410	1630	1850	2090	2120
2	1780	1410	1560	1360	1400	1540	1480	1330	1590	1890	2090	2120
3	1610	1420	1460	1340	1260	1520	1460	1390	1510	1920	2100	2100
4	1510	1410	1490	1230	1310	1440	1370	1380	1450	1890	2100	1990
5	1540	1490	1460	1490	1280	1440	1460	1380	1460	1930	2120	1860
6	1560	1670	1450	1420	1320	1430	1400	1410	1430	1990	2110	1760
7	1560	1700	1390	1630	1370	1410	1370	1500	1510	1900	2100	1680
8	1570	1580	1380	1580	1350	1300	1370	1510	1580	1900	2100	1670
9	1590	1580	1470	1360	1370	1300	1350	1460	1690	1910	2120	1640
10	1640	1550	1550	1220	1440	1400	1330	1380	1730	2000	2120	1610
11	1570	1520	1510	1100	1440	1470	1280	1380	1950	2100	2120	1550
12	1510	1450	1510	1250	1410	1520	1330	1420	1940	2080	2130	1460
13	1470	1460	955	1280	1350	1460	1270	1290	1880	2080	2110	1430
14	1420	1500	1500	1360	1430	1420	1250	1330	1970	2100	2140	1420
15	1420	1520	1370	1360	1390	1400	1300	1680	1920	2060	2120	1480
16	1680	1420	1470	1400	1430	1500	1330	1990	1930	2100	2100	1540
17	1660	1460	1500	1330	1420	1760	1310	1980	2050	2090	2120	1610
18	1560	1580	1500	1430	1440	1860	1330	2020	2030	2090	2140	1710
19	1520	1500	1480	1370	1450	1680	1360	1910	2020	2110	2100	1680
20	1480	1590	1300	1360	1440	1570	1280	1960	2080	2090	2120	1700
21	1500	1560	1290	1400	1450	1390	1260	1920	2020	2100	2130	1660
22	1510	1540	882	1280	1500	1410	1240	1910	2000	2100	2130	1620
23	1530	1510	1200	817	1500	1450	1200	2060	2020	2100	2100	1540
24	1530	1600	1190	1130	1490	1430	1230	2020	2020	2080	2100	1490
25	1510	1570	1440	1380	1500	1480	1210	1980	2010	2020	2120	1420
26	1520	1600	1590	1530	1520	1420	1270	1940	2000	2060	2080	1440
27	1500	1550	1600	1650	1580	1380	1340	1860	1960	2070	2120	1340
28	1510	1530	1540	1430	1580	1420	1380	1860	1960	2090	2110	1330
29	1480	1550	1490	1520	----	1420	1380	1830	1930	2070	2090	1320
30	1510	1560	1330	1380	----	1420	1360	1730	1880	2090	2110	1280
31	1500	----	1260	1410	----	1480	----	1660	----	2060	2150	----
Mean	1550	1530	1410	1360	1420	1470	1330	1670	1840	2030	2110	1620
Max.	1780	1700	1600	1650	1580	1860	1480	2060	2080	2110	2150	2120
Min.	1420	1410	882	817	1260	1300	1200	1290	1430	1850	2080	1280
A.F.	95230	90860	86570	83460	78900	90570	79280	102900	109390	124800	129900	96340

Water diverted 1168200 a.f.

Acreeage reported A-2355-89346; (Storage only)-A-3620-952; A-3823-804; A-4656-1496; A-5278-5048; A-7716-800;

DAILY DIVERSIONS OF CANALS--1969
 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	81	0	84	327
2	0	0	0	0	0	0	0	0	81	0	36	256
3	0	0	0	0	0	0	0	0	82	0	19	280
4	0	0	0	0	0	0	0	0	81	0	147	308
5	0	0	0	0	0	0	0	0	98	0	280	268
6	0	0	0	0	0	0	0	0	134	0	423	184
7	0	0	0	0	0	0	0	0	184	0	443	138
8	0	0	0	0	0	0	0	0	172	0	443	127
9	0	0	0	0	0	0	0	0	210	59	433	128
10	0	0	0	0	0	0	0	0	262	179	306	128
11	0	0	0	0	0	0	0	0	194	323	186	128
12	0	0	0	0	0	0	0	0	155	435	167	130
13	0	0	0	0	0	0	0	0	153	435	205	130
14	0	0	0	0	0	0	0	0	153	346	182	130
15	0	0	0	0	0	0	0	0	153	252	71	130
16	0	0	0	0	0	0	0	0	156	252	0	130
17	0	0	0	0	0	0	0	0	140	203	0	130
18	0	0	0	0	0	0	0	0	70	158	0	76
19	0	0	0	0	0	0	0	0	74	134	0	0
20	0	0	0	0	0	0	0	0	45	54	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	62	0	0	0	0
28	0	0	0	0	0	0	0	97	0	0	9	0
29	0	0	0	0	0	0	0	102	0	0	109	0
30	0	0	0	0	0	0	0	104	0	0	231	0
31	0	0	0	0	0	0	0	97	0	44	379	0
Mean	0	0	0	0	0	0	0	15	89	93	134	104
Max.	0	0	0	0	0	0	0	104	262	435	443	327
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	0	0	0	920	5310	5700	8240	6200

Water returned 26370 A.F.

DAILY DIVERSIONS OF CANALS--1969
 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	656	1209	913	880	1052	1352	1033	763	491	873	264	904
2	643	1276	1148	1039	798	959	1137	754	691	902	223	1056
3	846	1003	1125	924	1028	1309	1202	752	446	791	240	1224
4	1072	1194	1115	915	1049	1328	1309	601	400	764	114	1125
5	1073	1102	1090	826	1075	1339	1188	814	279	978	94	995
6	845	1061	1086	951	1070	1264	780	772	216	580	94	1156
7	965	1173	1125	1106	1126	1157	1105	725	147	871	90	746
8	1050	1117	830	1157	1080	1225	1114	774	130	692	114	1052
9	1199	1464	1063	1149	846	869	1032	913	130	535	110	1220
10	1385	1217	1003	1140	1126	1163	1055	928	125	401	110	938
11	1349	1240	1069	1133	1130	1103	1049	597	283	174	110	971
12	1339	1107	980	980	1119	1067	1027	863	431	162	90	1094
13	1017	1097	887	1169	1137	1166	663	765	780	110	78	941
14	1341	945	1001	1163	1140	1123	960	710	781	178	66	769
15	1163	959	1006	903	1193	1119	900	700	443	82	66	842
16	1098	950	1002	942	979	867	868	689	830	66	66	738
17	1262	868	948	1092	1181	1206	873	1023	929	60	70	617
18	1408	1088	1069	1268	1167	1259	845	1080	958	114	70	866
19	1476	1061	1070	930	1155	1502	794	1173	1017	134	66	1193
20	1078	1136	1108	1268	1163	1567	641	992	1093	130	66	1451
21	1150	1148	1109	1193	1149	1554	939	367	1111	126	66	1199
22	1108	1212	843	1168	1140	1434	1009	579	812	118	62	1294
23	1082	1308	1118	993	860	1157	897	951	1123	122	86	1257
24	1096	1013	832	1190	1171	1320	917	1050	1123	122	75	1187
25	1119	1234	837	1058	1145	1376	593	693	1323	211	86	1127
26	1339	1339	909	872	1184	1298	703	1190	1216	248	86	1124
27	1212	1309	886	1071	1217	1180	573	1043	1208	309	86	1039
28	1434	1263	849	1068	1347	1159	707	846	1188	330	94	844
29	1446	1268	781	1072	----	1249	685	763	717	322	166	1028
30	1227	1144	1040	1046	----	814	685	477	1194	313	493	950
31	1397	----	1128	1067	----	1169	----	675	----	289	775	----
Mean	1157	1150	999	1056	1101	1215	909	807	720	358	138	1032
Max.	1476	1464	1148	1268	1347	1567	1309	1190	1323	978	775	1294
Min.	643	868	781	872	798	814	573	367	125	60	62	617
A.F.	71160	68440	61430	64930	61150	74690	54120	49630	42870	22030	8480	61380

Water returned 640310 A.F.

DAILY DIVERSIONS OF CANALS--1969

TRI-STATE DIVERSIONS
FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS
Summary in Acre-feet--1969

Diverted from:	May	June	July	Aug.	Sept.	Total
North Platte River.....	23800	22260	52670	57880	34180	190790
*Optional Diversions.....	200	230	1160	1770	960	4320
**Drains.....	2010	50	0	0	40	2100
Total.....	26010	22540	53830	59650	35180	197210

Water diverted 197210 A.F.
Pathfinder Storage included
Acreage reported D-918-58327; A-660-2913; D.D.'s-1685; Total-62925

*Estimate based on Alliance Drain diversion onto Farmers Irrigation District lands.
**Diverted by Tri-State in excess of delivery to Northport Irrigation District

*This record is actually the total
Tri-State Canal Diversion from the River*

DAILY DIVERSIONS OF CANALS--1969
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	104	770	484	1120	948
2	151	766	543	1140	883
3	143	707	543	1130	793
4	176	633	567	1120	754
5	310	603	649	1140	697
6	346	573	923	1120	658
7	321	597	962	1080	633
8	298	606	975	1100	615
9	276	564	1030	1120	612
10	158	558	1100	1180	609
11	114	517	1080	1220	603
12	115	449	1090	1220	585
13	122	360	1120	1200	585
14	152	355	1150	1190	588
15	437	344	1150	1180	606
16	582	329	1160	1180	618
17	665	300	1170	1180	627
18	682	300	1170	1180	621
19	679	298	1200	1160	630
20	686	296	1200	1120	639
21	576	291	1220	1110	652
22	552	285	1210	1110	668
23	555	278	1180	1120	675
24	552	281	1190	1140	668
25	511	272	1170	1140	662
26	482	262	1150	1100	655
27	482	283	1160	1100	585
28	511	291	1160	1070	514
29	549	335	1140	1040	449
30	609	439	1170	998	136
31	700	---	1130	966	---
Mean	406	431	1040	1130	632
Max	700	770	1220	1220	948
Min.	104	262	484	966	136
A.F.	24980	25670	63760	69370	37620
Water diverted	221400 A.F.				

DAILY DIVERSIONS OF CANALS--1969
UNION CANAL from Blue Creek--Measured
through rating flume--Sec. 18-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	0	16	18	14
2	5	0	0	16	18	14
3	6	0	0	16	18	14
4	7	0	2	16	13	14
5	9	0	9	15	13	14
6	9	0	16	12	14	14
7	8	0	18	0	13	13
8	6	0	18	0	13	14
9	3	0	17	0	13	14
10	0	0	17	0	14	14
11	0	0	7	0	14	14
12	0	0	0	0	14	15
13	0	0	0	0	15	18
14	0	0	0	0	16	14
15	0	0	0	2	19	13
16	0	0	0	13	18	13
17	0	0	0	15	19	14
18	0	0	0	16	19	14
19	0	0	0	16	17	13
20	0	0	0	16	11	10
21	0	0	0	18	11	10
22	0	0	0	21	9	10
23	0	0	0	18	6	10
24	0	0	0	18	6	5
25	0	0	0	18	6	3
26	0	0	1	18	10	2
27	0	0	5	18	14	2
28	0	0	11	17	13	2
29	0	0	10	17	12	2
30	0	0	11	18	14	2
31	0	0	--	17	14	-
Mean	2	0	5	12	14	11
Max.	9	0	18	21	19	18
Min.	0	0	0	0	6	2
A.F.	110	0	280	730	840	640

Water diverted 2600 A.F.
Acreage reported D-763-1306

DAILY DIVERSIONS OF CANALS--1969
WESTERN CANAL from South Platte River
Measured in section of canal--Sec. 14-12-43 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	92	0	6	222	76	33
2	94	0	4	156	74	28
3	86	0	0	159	84	28
4	82	0	0	159	115	28
5	82	0	24	156	94	30
6	94	0	76	121	86	27
7	124	0	72	82	76	26
8	97	0	82	34	65	24
9	86	0	89	19	56	26
10	82	0	65	48	46	28
11	76	0	43	184	45	30
12	79	0	17	213	40	31
13	82	0	0	200	40	28
14	79	0	0	175	36	30
15	61	0	0	163	38	30
16	50	0	0	145	34	28
17	50	0	0	124	38	30
18	50	0	0	213	38	38
19	50	0	0	249	33	40
20	54	0	0	218	33	41
21	56	0	0	209	33	45
22	61	26	0	167	33	45
23	63	34	0	196	34	48
24	84	34	0	167	36	46
25	86	36	0	138	36	48
26	74	48	0	115	36	48
27	89	48	242	109	38	46
28	115	33	467	106	36	52
29	74	23	487	92	33	61
30	0	17	367	89	33	74
31	0	11	---	79	34	--
Mean	73	10	68	145	49	37
Max.	124	48	487	249	115	74
Min.	0	0	0	19	33	24
A.F.	4470	610	4050	8940	3030	2220

Water diverted 23320 A.F.
Acreage reported A-393-11304; A-1804-764;
A-4739-498; Total-12566

DAILY DIVERSIONS OF CANALS--1969
WINTERS CREEK CANAL from North Platte River--Measured
through 8-foot Parshall flume--Sec. 17-22-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	5	0	27	25	26	28
2	0	0	26	25	26	28
3	0	0	26	28	26	28
4	0	0	26	31	26	28
5	0	0	26	30	26	29
6	0	0	26	30	26	27
7	0	0	23	34	25	24
8	0	0	14	34	25	24
9	0	0	18	32	26	24
10	0	0	16	32	26	24
11	0	0	16	32	26	24
12	0	0	19	30	27	25
13	0	0	18	28	28	25
14	0	0	17	28	28	25
15	0	0	16	28	28	25
16	0	0	14	26	28	25
17	0	3	13	24	28	25
18	0	7	11	28	28	25
19	0	9	10	30	28	25
20	0	9	8	30	28	26
21	0	7	7	29	28	28
22	0	6	10	30	29	26
23	0	7	10	30	30	26
24	0	10	10	30	30	25
25	0	10	12	29	30	25
26	0	9	12	28	30	26
27	0	6	14	27	30	25
28	0	21	19	26	29	23
29	0	30	19	26	28	24
30	0	31	23	26	27	8
31	0	27	--	26	28	-
Mean	0	6	17	29	28	25
Max.	5	31	27	34	30	29
Min.	0	0	7	24	25	8
A.F.	10	380	1000	1770	1690	1490

Water diverted 6340 A.F.

DAILY DIVERSIONS OF CANALS--1969
WINTERS CREEK CANAL from Winter Creek--Measured
through 8-foot Parshall flume--Sec. 19-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	32	0	35	23	46	23
2	10	0	38	25	46	24
3	0	0	39	27	46	24
4	0	0	38	30	50	24
5	0	0	36	38	49	25
6	0	0	34	48	46	20
7	0	0	34	49	48	19
8	0	0	40	46	49	27
9	0	0	41	46	49	27
10	0	0	42	48	52	38
11	0	0	14	51	52	44
12	0	0	8	48	52	44
13	0	26	22	49	52	48
14	0	32	20	52	52	44
15	0	32	19	51	51	43
16	0	30	17	46	50	44
17	0	33	14	44	51	41
18	0	32	12	45	50	41
19	0	31	9	40	46	45
20	0	32	6	42	45	49
21	0	30	17	48	48	46
22	0	24	27	43	48	37
23	0	26	31	49	46	39
24	0	28	20	48	45	42
25	0	25	28	46	42	41
26	0	26	22	49	41	43
27	0	27	19	51	41	37
28	0	28	18	50	42	23
29	0	28	25	44	27	20
30	0	29	28	48	36	25
31	0	30	--	44	30	--
Mean	1	18	25	44	46	35
Max.	32	33	42	52	52	49
Min.	0	0	6	23	27	19
A.F.	80	1090	1490	2710	2830	2080

Water diverted 10280 A.F.

DAILY DIVERSIONS OF CANALS--1969

WINTERS CREEK DIVERSIONS
Summary in Acre-feet--1969

	<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.....	10	380	1000	1770	1690	1490	6340
Winters Creek.....	80	1280	1590	2920	3160	2210	11240
Total diversion.....	90	1660	2590	4690	4850	3700	17580

Water diverted 17580 A.F.
Acreage reported D-952-5748

134
135

DAILY DIVERSIONS OF CANALS--1969
WINTERS CREEK FACTORY LATERAL from Winter Creek
Measured through 2-foot Parshall flume--Sec. 19-22-54 W.

<u>Date</u>	<u>Oct.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>
1	2	0	2	3	6	0
2	0	0	2	3	6	0
3	0	0	2	4	6	0
4	0	0	2	4	6	0
5	0	0	2	3	7	0
6	0	0	2	3	8	0
7	0	0	2	2	5	0
8	0	0	2	2	4	0
9	0	0	2	2	6	0
10	0	0	2	2	6	0
11	0	0	1	2	6	0
12	0	0	0	2	8	0
13	0	0	1	2	8	0
14	0	0	1	4	8	0
15	0	1	1	5	8	0
16	0	3	1	5	8	0
17	0	3	1	5	3	1
18	0	2	1	5	0	2
19	0	2	1	5	5	7
20	0	2	1	5	7	10
21	0	6	1	5	7	10
22	0	10	1	3	7	9
23	0	12	1	2	7	3
24	0	12	1	3	6	3
25	0	12	1	4	5	2
26	0	11	1	3	5	2
27	0	8	3	3	5	3
28	0	4	4	2	2	3
29	0	2	3	4	0	4
30	0	2	3	5	0	5
31	0	2	-	6	0	-
Mean	0	3	2	3	5	2
Max.	2	12	4	6	8	10
Min.	0	0	0	2	0	0
A.F.	0	190	100	210	330	130

Water diverted 960 A.F.

STORAGE IN RESERVOIRS

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

1970

BENNETT RESERVOIR STORAGE IN ACRE-FEET
 A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.
 Water Year Ending September 30, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	759	----	----
2	----	----	----	----	----	----	----	----	----	----	----	----
3	----	----	----	----	----	----	----	----	----	----	----	----
4	----	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	----	----	----	----	----	----	----	----	----
6	----	----	----	----	----	----	----	----	----	----	----	----
7	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	832	----	----	----	----	925	----	----	----
9	----	----	745	----	937	----	----	----	----	----	----	----
10	----	----	----	----	----	----	1110	----	----	----	----	----
11	----	----	----	----	----	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	----	----	----
13	----	----	----	----	----	----	----	1170	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	653	----	0
17	----	----	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	----	----	----
19	----	----	826	----	----	----	----	----	----	----	----	----
20	----	----	----	----	----	980	----	----	----	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----
22	----	----	----	----	----	----	----	----	----	----	----	----
23	----	----	----	897	----	----	----	----	----	----	----	----
24	550	----	----	----	----	----	----	----	----	----	----	----
25	----	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	----	956	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	1110	----	----	0	----
28	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	----	226	----	0
30	----	----	----	----	----	----	----	----	----	----	----	20
31	----	----	----	----	----	----	----	----	----	----	----	----

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
 From Niobrara River--Sec. 28-29-49 W.
 Live Storage for Irrigation
 Water Year Ending September 30, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	----	8620	----
2	----	----	6550	----	----	----	----	19480	----	----	----	1260
3	----	----	----	----	----	----	----	----	----	----	----	----
4	----	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	8920	----	----	----	----	----	----	----	----
6	----	----	----	----	----	----	----	----	----	----	----	1110
7	----	----	----	----	10910	----	----	----	----	----	----	----
8	----	----	----	----	----	----	----	----	----	----	----	----
9	----	----	----	----	----	----	----	----	----	----	----	208
10	----	5150	----	9170	----	13260	----	----	----	----	----	----
11	----	----	----	----	----	----	16320	----	----	----	5560	----
12	----	----	----	----	----	----	----	----	----	----	----	----
13	----	----	----	----	----	----	----	19920	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----
15	----	5440	7500	----	----	----	16510	----	20180	----	----	----
16	----	----	----	----	----	----	----	20020	----	----	3990	----
17	----	----	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	----	----	----
19	----	----	----	----	----	----	----	----	----	----	----	----
20	----	----	7830	10040	----	14180	----	----	----	----	3150	----
21	----	----	----	----	----	----	17910	----	----	----	----	1680
22	----	5920	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	----	----	----	----	----
25	----	----	----	----	----	----	----	20050	----	----	2190	----
26	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	12430	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----
29	4810	----	----	----	----	----	----	----	----	----	----	1950
30	----	6300	----	10450	----	15130	19350	----	20050	----	----	----
31	----	----	8530	----	----	----	----	20020	----	----	1400	----

CRESCENT LAKE STORAGE IN ACRE-FEET
 Head of Blue Creek--Sec. 21-20-44 W.
 Water Year Ending September 30, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	----	----	----
2	----	----	----	----	----	----	----	----	----	----	----	----
3	----	----	----	----	----	----	----	----	----	----	----	----
4	----	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	----	----	----	----	----	1550	----	----	----
6	----	1490	----	----	----	----	----	----	----	----	----	----
7	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	----	1640	----	----	----	----	----
9	----	----	----	----	----	----	----	----	----	1660	----	----
10	----	----	----	----	1490	----	----	----	----	----	----	----
11	----	----	----	----	----	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	----	----	----
13	----	----	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	1620	----
15	----	----	----	----	----	----	----	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----	----	----
17	----	----	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	----	----	----
19	----	----	----	----	----	----	----	----	----	----	----	----
20	----	----	----	----	----	----	----	----	----	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----
22	----	----	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----	1609800
24	----	----	----	----	----	----	----	----	----	----	----	1607000
25	----	----	----	----	----	----	----	----	----	----	----	1604100
26	----	----	----	----	----	----	----	----	----	----	----	1601200
27	----	----	----	----	----	----	----	----	----	----	----	1598400
28	----	----	----	----	----	----	----	----	----	----	----	1595600
29	----	----	----	----	----	----	----	----	----	----	----	1592700
30	----	----	----	----	----	----	----	----	----	----	----	1589800
31	----	----	----	----	----	----	----	----	----	----	----	1587000

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
 Water Year Ending September 30, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1575800	1641200	1675900	1711000	1750000	1810800	1835400	1863300	1897600	1903900	1756000	1626900
2	1575800	1641200	1675900	1711000	1753000	1813800	1835400	1863300	1897600	1903900	1750000	1621200
3	1578600	1641200	1678800	1711000	1756000	1813800	1835400	1863300	1897600	1903900	1744000	1618400
4	1581400	1641200	1678800	1711000	1756000	1813800	1835400	1866400	1897600	1903900	1738000	1615500
5	1581400	1641200	1678800	1711000	1759000	1816900	1835400	1866400	1897600	1900800	1735000	1612600
6	1587000	1641200	1681700	1711000	1762000	1816900	1835400	1866400	1897600	1897600	1732000	1609800
7	1589800	1641200	1684600	1711000	1765000	1820000	1832300	1869500	1897600	1894400	1729000	1607000
8	1592700	1644000	1684600	1711000	1765000	1820000	1832300	1869500	1897600	1891300	1723000	1604100
9	1595600	1644000	1684600	1711000	1768100	1823000	1832300	1872600	1894400	1885000	1720000	1601200
10	1598400	1644000	1684600	1714000	1771200	1823000	1832300	1872600	1894400	1878800	1714000	1598400
11	1601200	1646900	1687500	1714000	1774200	1826100	1832300	1872600	1894400	1869500	1711000	1595600
12	1604100	1646900	1687500	1714000	1774200	1826100	1832300	1875700	1897600	1863300	1705000	1592700
13	1607000	1649800	1687500	1714000	1777200	1829200	1832300	1875700	1900800	1857100	1702000	1589800
14	1609800	1649800	1690400	1711000	1777200	1829200	1835400	1878800	1903900	1854000	1696200	1587000
15	1612600	1649800	1690400	1711000	1780300	1829200	1835400	1878800	1907000	1847800	1693300	1587000
16	1615500	1649800	1693300	1711000	1780300	1832300	1835400	1881900	1910200	1841600	1687500	1584200
17	1621200	1652700	1696200	1714000	1783400	1832300	1835400	1881900	1910200	1835400	1684600	1581400
18	1624000	1655600	1696200	1714000	1783400	1832300	1838500	1885000	1910200	1829200	1681700	1581400
19	1626900	1658500	1699100	1717000	1786400	1832300	1838500	1888200	1907000	1823000	1675900	1578600
20	1629800	1658500	1699100	1720000	1786400	1835400	1841600	1888200	1907000	1813800	1670100	1578600
21	1632600	1661400	1702000	1723000	1789400	1835400	1844700	1891300	1903900	1807800	1664300	1575800
22	1635400	1661400	1702000	1726000	1789400	1835400	1847800	1891300	1903900	1801600	1661400	1575800
23	1635400	1664500	1705000	1729000	1792500	1835400	1847800	1891300	1903900	1795600	1655600	1573000
24	1635400	1664500	1708000	1732000	1795600	1835400	1850900	1894400	1903900	1789400	1652700	1573000
25	1638300	1667200	1708000	1735000	1798600	1835400	1854000	1894400	1900800	1786400	1649800	1570200
26	1638300	1667200	1708000	1738000	1801600	1835400	1854000	1894400	1900800	1780300	1646900	1570200
27	1638300	1670100	1711000	1741000	1804700	1832300	1857100	1894400	1900800	1777200	1644000	1570200
28	1638300	1670100	1711000	1744000	1807800	1832300	1860200	1894400	1900800	1774200	1641200	1570200
29	1638300	1673000	1711000	1744000	-----	1832300	1860200	1897600	1900800	1771200	1638300	1570200
30	1638300	1673000	1711000	1747000	-----	1832300	1863300	1897600	1900800	1768100	1635400	1570200
31	1638300	-----	1711000	1750000	-----	1832300	-----	1897600	-----	1762000	1629800	-----

MERRITT RESERVOIR STORAGE IN ACRE-FEET
From Snake River--Sec. 29-31-30 W.
Water Year Ending September 30, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	61422	59165	59414	59912	60411	60161	64532	73626	74199	73626	53911	39175
2	61422	58915	59414	59912	60411	60161	65061	73340	74199	73340	53230	38834
3	61422	58666	59414	59912	60161	60161	65589	73340	74199	72766	52558	38664
4	61679	59165	59414	59912	60161	60411	65853	73340	74199	72193	51885	38493
5	61679	59663	59414	59912	60161	60411	66117	73340	74486	71062	51437	38493
6	61166	60161	59414	59912	60161	60411	66931	73340	74486	70783	50790	38493
7	61936	60411	59414	59912	60161	60411	67474	73340	74486	69947	50359	38493
8	61936	60411	59414	59912	59912	60411	67745	73340	74486	69389	49928	38493
9	61936	60411	59414	59663	59912	60411	68017	73340	74486	68560	49281	38323
10	61679	60411	59414	59414	59912	60411	68560	73340	74199	67745	49074	38323
11	61679	60411	59663	59414	59663	60411	68831	73340	74199	66931	48659	38323
12	61679	60411	59663	59414	59663	60411	69668	73340	74199	66388	48038	38493
13	61679	60411	59663	59414	59912	60411	70783	73340	74486	65853	47831	38493
14	61679	60161	59663	59414	59663	60411	71062	73340	74486	65325	47209	38664
15	61679	60161	59663	59663	59414	60411	71620	73340	74486	64268	46611	39004
16	61679	60161	59663	59663	59663	60660	72193	73340	74486	64004	46213	39345
17	61422	60161	59663	59663	59663	60411	72480	73340	74781	63476	45815	39686
18	61422	60161	59663	59663	59663	60411	72766	73626	74781	62449	45217	40218
19	61422	59912	59912	59663	59663	60411	73340	73626	74781	61679	44642	40572
20	61166	59912	59912	59663	59663	60411	73340	73626	74781	60909	43876	40926
21	60909	59912	59912	59663	59912	60411	73626	73626	74781	60161	43493	41281
22	60660	59912	59912	59663	59912	60411	73913	73626	74781	59663	43117	41642
23	60411	59912	59912	59663	59912	60411	74199	73626	74486	58915	42564	42011
24	60161	59912	59912	60161	59912	60660	74199	73626	74486	58417	42011	42195
25	59912	59912	59912	60161	59912	60660	74199	73626	74199	58176	41642	42564
26	59663	59912	59912	60161	60161	61166	74199	73626	74199	57452	41281	42932
27	59663	59912	59912	60411	60161	61936	74199	73626	74199	56970	40926	43301
28	59414	59663	59912	60411	60161	62449	74913	73626	74199	56246	40572	43684
29	59165	59663	59912	60411	-----	63219	74913	73913	74199	56005	40218	44067
30	59165	59663	59912	60411	-----	63476	73626	74199	73913	55307	39686	44451
31	59165	-----	59912	60411	-----	64004	-----	74199	-----	54609	39345	-----

OLIVER RESERVOIR STORAGE IN ACRE-FEET
From Lodgepole Creek--Sec. 36-15-57 W.
Water Year Ending September 30, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	-----	-----	-----	-----	-----	-----	3720	3780	3680	1920	894
2	-----	-----	-----	-----	-----	-----	-----	3730	3780	3680	1920	888
3	-----	-----	-----	-----	-----	-----	-----	3730	3770	3690	1900	890
4	-----	-----	-----	-----	-----	-----	-----	3730	3770	3650	1880	912
5	-----	-----	-----	-----	-----	-----	-----	3740	3760	3640	1870	924
6	-----	-----	-----	-----	-----	-----	-----	3740	3760	3630	1730	924
7	-----	1720	-----	-----	-----	-----	-----	3750	3760	3620	1690	930
8	-----	-----	-----	2440	-----	-----	-----	3750	3760	3590	1700	946
9	1280	-----	2130	-----	2790	-----	-----	3760	3770	3540	1530	960
10	-----	-----	-----	-----	-----	-----	3430	3760	3730	3440	1480	960
11	-----	-----	-----	-----	-----	-----	-----	3760	3730	3400	1380	948
12	-----	-----	-----	-----	-----	-----	-----	3760	3770	3360	1290	952
13	-----	-----	-----	-----	-----	-----	-----	3760	3800	3110	1080	960
14	-----	-----	-----	-----	-----	-----	-----	3760	3800	3040	1080	962
15	-----	-----	-----	-----	-----	-----	-----	3770	3800	2610	1070	984
16	-----	-----	-----	-----	-----	-----	-----	3770	3800	2770	986	987
17	-----	-----	-----	-----	-----	-----	-----	3770	3800	2670	948	990
18	-----	-----	-----	-----	-----	-----	-----	3770	3800	2690	948	1010
19	-----	-----	2250	-----	-----	-----	-----	3780	3800	2710	864	1050
20	-----	-----	-----	-----	-----	3190	-----	3760	3810	2710	774	1060
21	-----	1920	-----	-----	-----	-----	-----	3770	3800	2710	752	1080
22	-----	-----	-----	-----	-----	-----	-----	3760	3810	2490	730	1080
23	1510	-----	-----	2600	-----	-----	-----	3760	3790	2350	752	1080
24	-----	-----	-----	-----	-----	-----	-----	3770	3770	2390	741	1080
25	-----	-----	-----	-----	-----	-----	-----	3760	3770	2330	785	1120
26	-----	-----	-----	-----	2980	-----	-----	3760	3770	2310	796	1120
27	-----	-----	-----	-----	-----	-----	-----	3760	3760	2200	796	1140
28	-----	-----	-----	-----	-----	-----	-----	3760	3760	2130	796	1140
29	-----	-----	-----	-----	-----	-----	-----	3760	3750	2110	802	1140
30	-----	-----	-----	-----	-----	-----	-----	3760	3750	1950	804	1150
31	-----	-----	-----	-----	-----	-----	-----	3780	-----	1920	888	-----

SHERMAN RESERVOIR STORAGE IN ACRE-FEET
From Middle Loup River--Sec. 36-16-14 W.
Water Year Ending September 30, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	50347	48731	46920	45583	44071	43005	41331	50110	64311	60278	25607	23432
2	50347	48501	46920	45583	44071	42795	41331	50820	64584	58462	24871	23572
3	50110	48501	46920	45367	44071	42795	41331	51531	64584	56926	24578	23713
4	50110	48501	46920	45867	44071	42795	41331	52004	64857	54917	24871	23994
5	50110	48501	46698	45367	43855	42795	41331	52722	64857	52722	25455	24432
6	50110	48501	46698	45367	43855	42795	41129	53454	65131	51057	26214	25017
7	49880	48501	46698	45367	43855	42586	41129	54185	65404	49191	26972	25607
8	49880	48272	46698	45151	43855	42586	41129	54673	65685	47366	27602	26214
9	49880	48272	46698	45151	43639	42586	41129	55419	65685	45367	28231	26972
10	49650	48272	46475	45151	43639	42377	40926	55921	65965	43639	29036	27759
11	49650	48042	46475	44935	43639	42377	40926	56675	65965	41749	29526	28546
12	49650	48042	46475	44935	43639	42377	40926	57177	66246	39711	30016	29363
13	49650	48042	46252	44935	43639	42377	40926	57686	66246	38131	30518	30179
14	49650	48042	46252	44935	43639	42377	40926	58203	65965	37159	30518	30179
15	49421	47812	46252	44719	43423	42168	40724	58978	65965	36781	30349	31874
16	49421	47812	46252	44719	43423	42168	40724	59495	65965	36970	30016	32754
17	49421	47812	46252	44719	43423	42168	40926	60012	65685	36970	29689	33815
18	49421	47812	46252	44719	43423	42168	41540	60810	65404	36781	28873	34910
19	49421	47589	46252	44719	43423	42168	42377	61342	65404	36403	28074	35835
20	49421	47589	46029	44719	43214	41959	42795	61607	65131	36024	26972	36781
21	49421	47589	46029	44719	43214	41959	43423	61873	65131	35457	25910	37740
22	49191	47366	46029	44503	43214	41959	44071	62139	65131	34727	24871	38523
23	49191	47366	46029	44503	43214	41959	44719	62405	65131	33457	23994	39306
24	49191	47366	46029	44503	43214	41959	45583	62405	65131	32578	23432	40116
25	48961	47366	45806	44503	43214	41959	46252	62671	65131	31705	23291	40926
26	48961	47143	45806	44503	43005	41749	46920	62944	64857	30857	23150	41749
27	48961	47143	45806	44503	43005	41749	47589	63218	64311	30179	23010	41959
28	48961	47143	45806	44287	43005	41540	48272	63218	63764	29526	22869	41749
29	48731	47143	45806	44287	-----	41540	48961	63491	62944	28709	23010	43214
30	48731	46920	45806	44287	-----	41540	49650	64038	61607	27759	23150	43639
31	48731	-----	45583	44287	-----	41540	-----	64311	-----	26820	23150	-----

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, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	53270	49700	70300	68510	63620	58200	42460	65890	53670	66220	55070	36310
2	51030	51430	70610	68200	63890	57480	43010	66240	52520	66360	53730	35970
3	49170	53550	70340	67950	64450	56710	43690	66740	51970	67510	53440	35580
4	47870	55190	70380	67630	64840	55390	44390	66830	51750	67880	52910	35390
5	49940	56940	70650	67720	65200	53980	45100	66820	52220	67390	53420	35240
6	44120	58630	70710	68080	65620	52380	45940	66260	52380	68250	53180	35290
7	42300	61070	70410	67370	65860	51040	46710	66160	52740	68200	52630	35210
8	40690	62800	69400	66400	66300	49450	47360	66300	53090	67470	52000	35190
9	38930	64460	68870	65530	66450	47990	48220	66230	53250	66960	51260	35200
10	37440	66030	69080	64670	66120	46370	49210	66140	53200	67880	50720	35620
11	36380	67220	68830	63990	66180	45190	50420	66220	54300	68400	49950	35800
12	35170	68500	68960	63460	66240	43130	51260	66220	55050	68660	48830	36160
13	34150	69260	69080	63100	66090	43470	51980	66160	55390	68570	48150	36970
14	33040	69230	69020	63810	66120	43010	53420	65940	56390	68760	48050	38300
15	32520	69480	69260	62510	66260	42720	54310	65790	56940	68230	46450	39590
16	32400	69470	69150	62600	66350	42580	55440	65560	57560	67000	45590	41380
17	32350	69580	69020	62510	66650	42510	56560	65350	57970	66400	44830	42740
18	32270	69730	69350	62360	66330	42510	57890	65080	58740	65350	43920	44820
19	32380	69640	69460	62210	66310	42820	58720	64720	59890	65210	43290	45480
20	32320	69410	69700	62240	65780	42990	60230	65010	59920	64910	42030	45790
21	32690	69500	69550	62090	65370	43110	61550	64460	60200	64180	41210	47190
22	33450	69530	69490	61950	64530	43160	63100	64100	60830	63330	40530	49000
23	34620	69600	69520	61870	63550	42920	64150	63180	60250	62880	40030	49900
24	35700	69510	69020	61850	62950	42820	64180	62500	61560	62880	39540	50720
25	37320	69520	69010	61850	62180	42560	63910	61230	62510	62610	39420	51090
26	38900	69620	69420	61910	61240	42380	64280	59760	63660	62050	38700	51230
27	40410	69560	69320	62080	60120	41620	64740	58490	64930	61350	38540	51360
28	42030	69980	68890	62400	59260	42170	65150	57520	65730	60370	38160	51160
29	44210	70080	68020	62640	-----	42390	65160	56400	65240	58940	37750	50870
30	46080	70020	68270	62880	-----	42290	65340	55370	65280	56970	37110	50480
31	47720	-----	68690	63360	-----	42480	-----	54180	-----	55860	36800	-----

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK
NEAR ELM CREEK--Sec. 33-9-18 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	0	19	5	20	29
2	0	17	5	12	32
3	0	22	4	17	50
4	0	28	4	40	52
5	0	23	6	72	47
6	0	28	7	43	14
7	0	27	2	32	12
8	0	16	0	26	11
9	0	14	1	28	20
10	0	17	0	19	30
11	0	19	0	18	29
12	0	95	0	18	30
13	0	22	7	15	30
14	15	175	9	15	26
15	14	150	10	15	26
16	8	28	14	16	27
17	6	25	22	13	26
18	2	20	24	13	29
19	1	32	44	40	23
20	0	36	41	47	19
21	16	32	44	49	30
22	6	33	46	50	28
23	18	1	49	45	52
24	6	15	49	45	23
25	4	21	49	55	17
26	6	21	48	60	17
27	17	12	48	60	15
28	32	11	46	55	13
29	17	16	44	53	13
30	13	17	41	49	8
31	12	--	20	34	--
Mean	6	33	22	35	26
Max.	32	175	49	60	52
Min.	0	1	0	12	8
A.F.	380	1970	1370	2130	1540

DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR
BROADWATER--Sec. 11-18-48 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	12	8	5	2	2
2	12	8	2	2	2
3	12	9	2	2	2
4	12	6	2	2	2
5	12	6	2	2	2
6	12	6	2	2	2
7	12	5	2	2	2
8	12	5	2	2	2
9	7	10	2	2	2
10	7	14	2	1	2
11	7	17	2	2	3
12	7	34	2	10	3
13	7	15	2	10	5
14	9	15	2	10	13
15	8	12	2	2	13
16	8	12	2	2	14
17	8	12	2	2	15
18	8	11	2	2	8
19	32	12	2	2	9
20	23	16	2	2	11
21	20	17	2	2	10
22	33	11	2	2	8
23	23	9	2	2	10
24	10	9	2	2	10
25	9	9	3	2	11
26	9	9	2	2	11
27	13	14	2	2	11
28	9	6	2	2	11
29	9	6	2	2	10
30	9	5	2	2	12
31	9	--	2	2	--
Mean	12	11	2	3	7
Max.	33	34	5	10	15
Min.	7	5	2	1	2
A.F.	750	650	130	170	430

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
Sec. 6-20-52 W.--Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	3	21	20	17	11
2	3	16	18	18	13
3	2	16	15	19	12
4	1	16	12	18	12
5	2	14	11	15	21
6	2	16	9	14	21
7	2	19	12	12	23
8	1	17	14	15	18
9	1	17	9	13	16
10	3	21	9	17	12
11	12	25	8	14	9
12	13	60	7	9	6
13	20	35	6	9	9
14	19	24	6	11	11
15	11	22	6	11	12
16	11	19	6	15	9
17	9	22	7	16	11
18	9	22	8	11	10
19	7	19	7	12	15
20	14	16	13	10	14
21	13	12	23	9	15
22	9	21	20	11	14
23	8	21	30	15	14
24	6	20	24	17	13
25	6	17	22	11	13
26	9	20	20	7	15
27	11	18	18	5	17
28	11	16	17	7	17
29	10	18	19	9	15
30	10	24	17	11	18
31	42	--	17	13	--
Mean	9	21	14	13	14
Max.	42	60	30	19	23
Min.	1	12	6	5	6
A.F.	560	1240	850	780	830

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK
NEAR LISCO--Sec. 34-18-46 W.
Water Year Ending September 30, 1970

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

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY
DRAIN NO. 2--Sec. 25-10-23 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	4	5	7	8	4
2	4	5	7	7	4
3	4	4	7	8	4
4	4	4	7	8	4
5	4	4	8	6	4
6	4	4	8	6	4
7	4	4	6	5	4
8	4	4	6	5	4
9	4	4	7	5	4
10	4	4	7	6	3
11	4	5	7	5	3
12	4	9	7	5	3
13	4	6	8	6	3
14	4	4	8	6	3
15	4	4	8	8	3
16	4	15	10	8	3
17	4	5	9	8	4
18	4	5	10	7	4
19	4	5	9	7	3
20	4	5	9	7	3
21	4	5	8	7	3
22	4	6	8	7	3
23	4	6	8	7	3
24	4	6	8	6	4
25	4	6	8	6	3
26	4	7	8	6	4
27	4	7	8	6	4
28	4	7	8	5	4
29	4	6	8	5	4
30	4	7	8	6	3
31	4	-	8	5	-
Mean	4	6	8	6	4
Max.	4	15	10	8	4
Min.	4	4	6	5	3
A.F.	250	330	480	390	210

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER
NEAR NORTHPORT--Sec. 20-20-50 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	4	43	23	18	16
2	2	29	45	16	20
3	2	30	32	6	20
4	2	16	14	10	33
5	2	4	13	8	15
6	2	4	13	27	17
7	2	3	16	14	22
8	2	6	16	29	19
9	2	9	21	17	24
10	2	4	13	17	32
11	2	26	16	16	52
12	58	40	17	9	36
13	34	63	18	9	53
14	55	45	16	10	48
15	48	56	24	17	77
16	44	63	12	18	64
17	35	53	7	22	50
18	27	21	7	29	18
19	12	21	23	17	20
20	7	15	18	16	27
21	30	24	24	10	33
22	10	24	28	10	21
23	26	17	28	10	18
24	24	11	26	17	25
25	24	58	10	16	22
26	17	74	11	18	24
27	16	53	9	18	22
28	7	18	15	14	24
29	8	24	22	18	24
30	6	13	18	16	24
31	43	--	24	16	--
Mean	18	29	19	16	30
Max.	58	74	45	29	77
Min.	2	3	7	6	15
A.F.	1100	1720	1150	970	1790

DISCHARGE IN SECOND-FEET OF ELM CREEK
NEAR ELM CREEK--Sec. 33-9-18 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	0	1	1	6	13
2	0	1	1	5	11
3	0	1	1	6	10
4	0	1	1	11	10
5	0	1	0	18	9
6	0	1	0	8	8
7	0	1	0	7	6
8	0	1	0	5	7
9	0	1	0	6	6
10	0	2	0	7	6
11	0	3	0	6	6
12	0	50	0	1	3
13	0	5	0	1	1
14	0	18	2	1	3
15	0	7	6	0	3
16	0	7	7	0	3
17	0	3	8	3	4
18	0	3	8	4	4
19	0	7	9	7	1
20	0	7	8	8	1
21	0	7	8	8	1
22	0	7	8	5	1
23	0	18	5	7	1
24	0	4	5	8	0
25	0	4	10	7	0
26	0	4	6	12	0
27	0	4	6	12	1
28	0	3	10	12	1
29	0	3	9	11	1
30	1	3	8	9	0
31	1	-	7	2	-
Mean	0	6	4	7	4
Max.	1	50	10	18	13
Min.	0	1	0	0	0
A.F.	0	350	270	400	240

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, 1970

Date	May	June	July	Aug.	Sept.
1	32	27	23	17	15
2	32	27	21	17	15
3	32	26	22	17	14
4	26	26	20	17	14
5	26	26	20	17	14
6	30	26	19	17	14
7	29	25	20	17	14
8	29	25	19	17	14
9	30	24	19	18	12
10	27	24	18	14	14
11	27	29	40	16	14
12	29	35	23	15	14
13	28	45	22	15	13
14	29	35	21	14	13
15	28	31	21	13	14
16	29	29	21	14	14
17	27	27	21	15	19
18	27	25	21	16	19
19	26	32	20	15	19
20	25	29	20	15	20
21	24	28	19	15	20
22	25	28	20	17	20
23	64	27	21	17	18
24	34	25	22	17	18
25	31	25	20	17	19
26	28	24	20	17	21
27	26	24	18	16	21
28	26	23	18	16	21
29	26	23	19	15	21
30	26	23	18	15	21
31	26	--	17	15	--
Mean	29	27	21	16	17
Max.	64	45	40	18	21
Min.	24	23	17	13	12
A.F.	1790	1630	1280	980	990

DISCHARGE IN SECOND-FEET OF INDIAN CREEK
NEAR NORTHPORT--Sec. 19-20-50 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	4	21	12	31	36
2	4	17	18	34	29
3	4	23	12	39	29
4	4	17	9	35	26
5	4	18	9	36	23
6	4	19	30	34	24
7	4	16	21	35	26
8	5	15	19	23	24
9	5	11	19	26	28
10	5	18	17	32	33
11	5	26	15	23	30
12	5	18	7	33	28
13	5	15	10	32	35
14	5	12	8	30	38
15	5	12	8	32	42
16	4	10	27	33	34
17	3	10	17	29	33
18	4	10	19	18	32
19	28	7	23	17	30
20	20	10	36	20	30
21	30	10	31	36	27
22	26	10	27	36	30
23	22	16	30	36	30
24	20	14	26	41	30
25	28	9	37	36	33
26	25	5	34	31	33
27	22	10	31	27	37
28	21	6	34	27	31
29	26	12	38	28	33
30	23	8	31	34	28
31	33	-	31	35	--
Mean	13	14	22	31	31
Max.	33	26	38	41	42
Min.	3	5	7	17	23
A.F.	800	800	1360	1900	1830

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, 1970

Date	May	June	July	Aug.	Sept.
1	3	3	5	5	2
2	3	3	5	5	6
3	3	3	4	6	6
4	3	3	4	6	6
5	3	3	5	6	4
6	3	3	4	6	6
7	3	3	5	6	3
8	3	3	4	6	5
9	3	3	6	6	6
10	3	3	6	5	5
11	3	3	6	6	4
12	3	3	6	6	3
13	3	3	6	6	3
14	3	3	6	5	2
15	3	3	6	6	2
16	3	3	6	6	2
17	3	3	6	6	2
18	3	3	6	5	2
19	3	3	6	5	2
20	3	3	6	6	2
21	3	3	6	6	2
22	3	3	6	4	2
23	3	5	6	4	2
24	3	5	5	2	2
25	3	4	6	2	2
26	3	4	6	3	2
27	3	5	6	2	2
28	3	4	6	2	2
29	3	4	6	2	2
30	3	5	6	2	2
31	3	-	6	2	-
Mean	3	3	6	5	3
Max.	3	5	6	6	6
Min.	3	3	4	2	2
A.F.	180	200	340	290	180

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
ABOVE BENNETT RESERVOIR--Sec. 29-15-55 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	8	2	7	0	6
2	8	1	0	0	6
3	8	2	0	0	6
4	8	1	0	0	5
5	8	0	0	0	5
6	7	0	0	0	5
7	7	0	0	0	8
8	8	0	0	0	1
9	8	0	0	0	1
10	7	0	0	0	1
11	7	10	0	0	1
12	7	14	0	0	6
13	7	6	0	0	4
14	7	8	0	0	1
15	7	3	0	0	2
16	7	3	2	0	1
17	7	3	0	0	1
18	7	3	1	0	1
19	5	2	0	0	1
20	5	3	0	0	1
21	5	2	0	0	2
22	3	1	0	0	2
23	2	1	11	0	4
24	5	0	10	0	3
25	4	0	11	0	3
26	5	0	3	0	6
27	4	0	3	6	7
28	4	0	3	7	7
29	2	0	4	7	7
30	1	7	3	7	7
31	2	-	0	4	-
Mean	6	2	2	1	4
Max.	8	14	11	7	8
Min.	0	0	0	0	0
A.F.	360	140	120	60	220

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
BELOW BENNETT RESERVOIR--Sec. 22-15-55 W.
Water Year Ending September 30, 1970

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

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR
MELBETA--Sec. 13-21-54 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	2	8	1	20	7
2	2	4	6	18	22
3	2	16	0	13	10
4	2	9	0	42	15
5	2	11	10	14	17
6	2	6	6	14	17
7	2	16	10	14	19
8	1	4	10	7	7
9	1	11	11	8	32
10	2	24	7	8	34
11	1	25	7	11	29
12	11	46	6	4	29
13	1	10	6	1	32
14	1	9	7	0	31
15	1	9	6	6	31
16	1	2	8	4	33
17	1	2	7	32	20
18	1	2	8	3	52
19	1	0	9	1	16
20	4	0	21	1	16
21	5	0	18	6	17
22	7	0	18	4	13
23	18	0	15	9	16
24	8	2	25	8	14
25	8	2	20	10	25
26	8	1	14	8	11
27	7	10	11	9	7
28	8	1	9	8	3
29	11	1	14	9	2
30	14	1	11	9	3
31	66	-	17	10	-
Mean	6	8	10	10	19
Max.	66	46	25	42	52
Min.	1	0	0	0	2
A.F.	400	460	630	620	1150

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER PASSING
TRI-STATE DAM--Water Year Ending September 30, 1970

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	422	212	341	9	1700	48	15
2	444	208	326	8	1590	51	14
3	433	208	310	8	1270	55	14
4	487	208	301	7	985	50	13
5	474	210	262	7	697	35	13
6	452	212	167	7	504	26	12
7	437	210	151	6	404	24	11
8	422	210	206	6	231	23	11
9	411	204	607	6	149	21	11
10	389	210	786	6	123	18	10
11	389	225	837	367	118	19	10
12	393	223	881	2180	109	19	10
13	385	231	900	1170	135	20	9
14	437	254	893	1600	99	24	9
15	491	257	900	3230	94	27	8
16	426	249	906	3720	92	27	8
17	411	249	818	3310	91	28	8
18	407	255	474	3190	90	23	8
19	400	270	357	3450	107	15	8
20	378	267	351	3650	260	13	7
21	360	244	249	3750	192	14	7
22	351	254	221	3550	138	14	7
23	348	257	206	3290	77	16	7
24	341	262	172	3090	46	18	7
25	335	249	157	2620	35	17	7
26	323	242	82	2330	28	16	7
27	326	236	35	2300	30	16	7
28	323	257	25	2240	60	16	170
29	329	316	20	2020	42	16	385
30	332	344	15	1780	42	16	467
31	329	---	11	---	45	16	---
Mean	393	241	388	1764	309	24	43
Max.	491	344	906	3750	1700	55	467
Min.	323	208	11	6	28	13	7
A.F.	24170	14370	23840	104940	19020	1470	2540
Total 7 months period 190350 A.F.							

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND
SOUTH PLATTE RIVERS NEAR NORTH PLATTE
Water Year Ending September 30, 1970

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1410	1390	1860	1930	2230	2150	2120	2340	2030	6530	3340	2010
2	1560	1340	1860	1870	2200	2160	2100	2180	2040	5240	3450	2010
3	1520	1320	1860	1920	2130	2150	2090	2240	2030	3950	3320	2060
4	1490	1310	1910	1910	2090	2140	2080	2420	2010	3170	3210	2050
5	1690	1320	1930	1890	2010	2120	2110	2770	1990	2880	2980	2040
6	1640	1330	1900	1720	2080	2180	2090	3140	2000	3100	2650	1990
7	1570	1290	1850	1590	2060	2210	2090	3480	1970	3040	2570	2010
8	1460	1380	1910	1540	1990	2230	2130	3570	1970	3420	2560	2020
9	1380	1360	1910	1660	1980	2300	2160	3370	1960	3630	2600	1910
10	1420	1350	2030	1850	2120	2230	2190	3170	1910	3710	2740	1780
11	1490	1410	2000	2020	2200	2160	2200	2930	2040	3730	2650	1790
12	1480	1450	1990	2000	2210	2220	2500	2930	2680	3700	2570	1750
13	1460	1500	2000	1930	2220	2170	2540	2900	2600	3700	2650	1820
14	1490	1460	1980	1890	2120	2110	2610	3060	2440	3600	2700	1930
15	1530	1580	1950	1840	2310	2110	2560	3180	2210	3520	2640	1800
16	1530	1660	1940	1870	2260	2020	2630	3000	2330	3410	2670	1680
17	1500	1830	1990	1810	2250	2100	2720	2660	3150	3380	2690	1600
18	1440	1860	1990	1850	2250	2090	2630	2420	4420	3450	2600	1670
19	1400	1870	1970	1950	2220	2090	2550	2240	6020	3500	2540	1560
20	1400	1910	1970	2010	2200	2070	2230	2080	9290	3410	2480	1560
21	1340	1920	1980	1990	2190	2060	2160	2020	9770	3440	2490	1510
22	1320	1940	2080	2080	2270	2160	2340	2010	9660	3440	2430	1540
23	1300	1830	2070	2150	2240	2180	2350	2350	9690	3390	2390	1570
24	1300	1940	2070	2120	2200	2180	2470	2270	9490	3440	2390	1580
25	1290	1930	2080	2090	2170	2210	2710	2240	9250	3340	2220	1620
26	1320	1950	2060	2220	2170	2200	2600	2220	9050	3280	2200	1570
27	1260	1890	2070	2350	2170	2190	2680	2130	8710	3160	2140	1560
28	1270	1910	2060	2360	2160	2170	2600	2080	8440	3160	2150	1550
29	1320	1930	2020	2230	---	2180	2530	2050	8080	3230	2060	1600
30	1410	1880	1970	2260	---	2160	2420	2020	7860	3290	2020	1630
31	1420	---	1970	2270	---	2170	---	2040	---	3280	2010	---
Mean	1433	1634	1975	1973	2168	2157	2373	2565	4903	3565	2584	1759
Max.	1690	1950	2080	2360	2310	2300	2720	3570	9770	6530	3450	2060
Min.	1270	1290	1860	1540	1980	2020	2080	2010	1910	2880	2010	1510
A.F.	88090	97210	121450	121330	120400	132630	141200	157710	291750	219210	158900	104670
Total acre-feet 1754550 A.F.												

DISCHARGE IN SECOND FEET OF PLATTE RIVER PASSING
TRI-COUNTY DIVERSION DAM--Sec. 10-13-29 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	433	107	4490	1200	86
2	327	91	3140	1470	81
3	286	81	1840	1510	84
4	370	79	1440	1420	84
5	606	74	1030	1260	76
6	895	70	1070	830	76
7	1380	66	731	646	72
8	1700	68	1370	606	74
9	1470	66	1640	568	68
10	1180	64	1700	626	66
11	974	125	1820	615	70
12	960	636	1720	496	70
13	1060	636	1780	448	81
14	1250	472	1600	480	107
15	1360	345	1360	419	98
16	1320	280	1470	456	81
17	947	678	1300	512	76
18	657	2300	1310	456	70
19	464	3940	1400	345	70
20	320	7240	1240	291	64
21	209	7730	1260	263	64
22	168	7560	1310	291	68
23	286	7600	1310	209	68
24	339	7410	1300	233	68
25	286	7190	1200	122	68
26	286	7000	1070	93	64
27	188	6680	988	88	64
28	132	6400	960	101	63
29	116	6040	1000	93	63
30	107	5790	1030	88	66
31	107	-----	1130	88	--
Mean	651	2894	1484	527	74
Max.	1700	7730	4490	1510	107
Min.	107	64	731	88	63
A.F.	40030	172200	91260	32380	4380
Total May-September			340250	A.F.	

DISCHARGE IN SECOND-FEET OF SILVERNAIL DRAIN
NEAR BRIDGEPORT--Sec. 6-19-49 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	11	18	16	20	38
2	11	22	21	18	35
3	11	17	15	24	37
4	11	20	11	24	40
5	11	13	9	26	38
6	6	21	15	12	29
7	5	25	20	9	35
8	6	19	16	9	29
9	6	20	17	28	28
10	6	25	10	19	24
11	8	24	10	15	34
12	8	21	7	14	28
13	34	24	21	11	28
14	40	21	15	12	28
15	38	22	16	9	28
16	31	25	12	9	23
17	20	24	14	10	16
18	20	19	17	20	14
19	14	21	10	18	20
20	9	20	12	19	14
21	22	21	11	16	14
22	13	17	18	19	13
23	6	19	20	22	11
24	9	16	24	19	12
25	17	20	19	17	12
26	8	15	28	14	12
27	10	19	28	20	13
28	5	25	17	30	12
29	10	21	21	31	16
30	11	11	18	33	15
31	30	--	28	36	--
Mean	14	20	17	19	23
Max.	40	25	28	36	40
Min.	5	11	7	9	11
A.F.	890	1200	1020	1160	1380

DISCHARGE IN SECOND-FEET OF STREVER CREEK
Sec. 1-8-20 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	11	16	17	27	21
2	9	15	17	28	30
3	8	20	16	41	22
4	7	12	23	107	32
5	7	11	25	86	30
6	7	11	24	61	29
7	7	11	6	59	29
8	6	19	5	63	29
9	6	20	4	64	32
10	6	21	6	65	32
11	6	21	7	63	33
12	6	30	10	48	33
13	8	40	29	34	32
14	5	50	37	27	33
15	4	60	34	19	35
16	6	33	26	16	36
17	7	53	28	27	36
18	16	40	32	26	37
19	19	40	30	22	29
20	10	38	27	19	26
21	8	36	30	21	21
22	4	34	29	28	20
23	3	33	35	27	19
24	5	32	42	43	20
25	19	32	42	35	20
26	26	31	47	38	20
27	21	31	61	26	9
28	11	30	38	28	6
29	19	30	41	27	5
30	12	29	38	21	5
31	11	--	32	18	--
Mean	10	29	27	39	25
Max.	26	60	61	107	37
Min.	3	11	4	16	5
A.F.	600	1740	1660	2410	1510

DISCHARGE IN SECOND-FEET OF WHITE HORSE CREEK
Sec. 5-13-29 W.
Water Year Ending September 30, 1970

Date	May	June	July	Aug.	Sept.
1	18	11	8	7	0
2	17	13	8	7	0
3	17	11	7	6	3
4	17	11	5	6	5
5	17	11	5	6	7
6	17	11	5	6	6
7	15	11	7	5	5
8	15	8	7	4	3
9	15	8	8	5	3
10	15	8	7	4	4
11	15	8	7	4	4
12	15	42	8	4	4
13	13	37	8	4	3
14	15	23	7	2	6
15	16	17	7	2	10
16	15	15	7	2	10
17	14	14	7	8	10
18	13	13	8	5	8
19	13	15	8	3	8
20	11	15	7	3	8
21	10	14	7	3	8
22	10	13	5	3	8
23	11	13	5	7	8
24	13	13	8	6	8
25	13	13	8	4	8
26	13	10	8	4	8
27	13	10	8	3	8
28	11	10	7	4	8
29	11	9	8	3	8
30	11	9	8	2	8
31	11	--	8	2	--
Mean	14	14	7	4	6
Max.	18	42	8	7	10
Min.	10	8	5	2	0
A.F.	850	830	440	270	370

DAILY DIVERSION OF CANALS 1970

DAILY DIVERSIONS OF CANALS--1970
 AINSWORTH CANAL from Snake River and Merritt Reservoir
 Measured through 15-foot Parshall flume--Sec. 29-31-30 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	51	332	524	371
2	0	0	39	389	524	353
3	0	0	38	460	524	334
4	0	0	38	472	524	283
5	0	0	38	492	512	243
6	0	0	39	554	489	243
7	0	0	43	576	467	246
8	0	0	45	587	434	251
9	0	0	55	611	436	230
10	0	0	75	622	434	206
11	0	0	81	618	434	190
12	0	0	51	611	436	172
13	0	0	43	603	447	159
14	0	0	42	568	454	129
15	0	0	42	564	454	108
16	0	0	45	561	456	92
17	0	0	47	547	489	74
18	0	0	47	547	494	62
19	0	54	47	547	500	57
20	0	124	46	547	489	57
21	0	104	46	547	458	57
22	0	80	53	537	441	52
23	0	80	67	530	441	52
24	0	80	76	486	441	53
25	0	65	97	463	439	53
26	0	57	124	465	426	53
27	0	57	145	486	418	53
28	0	58	159	500	407	50
29	0	58	206	524	386	43
30	0	58	265	527	386	43
31	0	58	---	540	380	---
Mean	0	30	73	529	457	146
Max.	13	124	265	622	524	371
Min.	0	0	38	332	380	43
A.F.	30	1850	4340	32550	28050	8670

Water diverted 75490 A.F.
 Acreage reported A-5218-34945; A-9660; A-10620-Storage

DAILY DIVERSIONS OF CANALS--1970
 ALLIANCE CANAL from Bayard Sugar Factory Drain
 Measured through Parshall flume--Sec. 4-20-52 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	27	0	26	35	29	14	15
2	24	0	22	29	29	16	14
3	22	0	14	34	26	17	16
4	31	0	13	39	27	20	17
5	17	0	15	35	26	18	17
6	0	0	18	31	24	18	25
7	0	0	16	29	24	16	33
8	0	0	14	26	29	15	32
9	0	0	15	24	35	14	29
10	0	0	15	21	35	16	31
11	0	0	17	41	30	16	31
12	0	0	18	57	28	15	35
13	0	0	23	40	29	15	39
14	0	0	22	9	30	15	40
15	0	0	29	2	31	14	31
16	0	0	27	4	34	16	24
17	0	0	26	3	31	18	24
18	0	0	24	4	32	16	24
19	0	0	21	15	31	16	19
20	0	0	22	24	39	18	18
21	0	0	25	25	26	18	17
22	0	0	28	26	24	18	18
23	0	0	26	28	24	16	20
24	0	0	26	32	23	14	19
25	0	0	31	37	22	11	20
26	0	0	41	36	21	12	10
27	0	0	42	32	20	12	0
28	0	6	37	31	17	13	0
29	0	16	35	35	14	15	0
30	0	17	37	39	20	19	0
31	0	---	40	---	17	18	-
Mean	4	1	25	27	27	16	21
Max.	31	17	42	57	39	20	40
Min.	0	0	13	2	14	11	0
A.F.	240	80	1520	1630	1640	970	1230

Water diverted 7310 A.F.
 Acreage reported D-874; 1035 (A-1776 O.D.)-2106

DAILY DIVERSIONS OF CANALS--1970
 ALLIANCE CANAL from Red Willow Creek--Measured
 through rating flume--Sec. 6-20-51 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	13	0	18	29	32	66	63
2	22	0	18	29	46	66	63
3	23	0	16	23	42	71	62
4	18	0	17	22	31	63	64
5	13	0	16	22	27	56	58
6	6	0	16	22	37	62	55
7	0	0	16	21	45	60	44
8	0	0	15	21	44	72	48
9	0	0	9	21	44	70	44
10	0	0	0	23	47	67	41
11	0	0	0	16	43	64	39
12	0	0	0	0	44	79	40
13	0	6	0	0	44	68	40
14	0	12	0	0	37	89	40
15	0	12	0	0	62	75	43
16	0	10	0	0	53	79	31
17	0	13	0	0	48	72	23
18	0	15	33	0	57	67	31
19	0	11	35	0	54	71	27
20	0	14	37	0	64	71	30
21	0	16	46	0	63	64	32
22	0	17	42	21	48	54	32
23	0	15	51	30	45	57	34
24	0	17	57	30	53	75	42
25	0	16	64	33	49	58	40
26	0	16	48	48	46	57	42
27	0	15	48	62	48	60	43
28	0	15	45	49	49	72	35
29	0	14	44	33	48	68	33
30	0	16	41	23	63	66	23
31	0	---	34	---	71	60	---
Mean	3	8	25	19	48	67	41
Max.	23	17	64	62	71	89	64
Min.	0	0	0	0	27	54	23
A.F.	190	500	1520	1150	2940	4120	2460

Water diverted 12880 A.F.
 Acreage reported D-874; 1035 (A-1429 O.D.)-4022;
 A-1181 (A-1432 O.D.)-80; A-1432-79; A-1436-18; A-1436-19

DAILY DIVERSIONS OF CANALS--1970
 ARMSTRONG PUMP from Niobrara River
 Sec. 9-28-53 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	1	0	0	0
29	0	1	0	0	0
30	0	1	0	0	0
31	0	---	0	0	0
Mean	0	0	0	0	0
Max.	0	1	0	0	0
Min.	0	0	0	0	0
A.F.	0	10	0	0	0

Water pumped 10 A.F.
 Acreage reported A-10870-41

DAILY DIVERSIONS OF CANALS--1970
 ATKINS POLLY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 30-15-55 W.

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

Water diverted 200 A.F.
 Acreage reported D-342-55; D-344-30;
 A-897R-8; A-4531-50; Total-143

DAILY DIVERSIONS OF CANALS--1970
 BARTLEY CANAL from Republican River--Measured
 through 8-foot Parshall flume--Sec. 17-3-27 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	26	119	69	36
2	0	0	29	131	69	38
3	0	0	11	130	78	38
4	0	0	0	132	84	34
5	0	0	0	131	88	30
6	7	0	0	131	88	29
7	18	0	0	131	90	24
8	18	0	0	131	95	19
9	17	0	0	131	96	18
10	18	0	0	129	96	18
11	20	0	0	132	97	16
12	8	0	0	130	86	12
13	0	0	0	116	77	11
14	0	0	0	99	73	4
15	0	0	0	94	73	0
16	0	0	0	95	73	0
17	0	0	0	97	70	0
18	0	15	0	98	65	0
19	0	27	0	97	64	0
20	0	20	0	88	57	0
21	0	20	0	73	50	0
22	0	26	0	68	48	0
23	0	30	13	69	47	0
24	0	30	26	68	45	0
25	0	30	30	65	45	0
26	0	30	31	69	40	0
27	0	28	35	62	35	0
28	0	28	38	67	31	0
29	0	28	53	71	29	0
30	0	28	83	71	29	0
31	0	27	--	70	33	-
Mean	3	12	12	101	66	11
Max.	20	30	83	132	97	38
Min.	0	0	0	62	29	0
A.F.	210	730	740	*6180	*4030	*660

Water diverted 12550 A.F.
 Acreage reported A-3869dR-6996; A-6217-273;
 A-10196-157; A-11042-14; Total-7440
 *Pump turnout above diversion dam included

DAILY DIVERSIONS OF CANALS--1970
 BEERLINE CANAL from North Platte River
 Measured through rating flume--Sec. 24-19-49 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	14	11	16	18
2	8	0	13	9	16	20
3	7	0	18	8	16	21
4	10	0	37	7	17	22
5	12	0	37	5	16	23
6	12	0	23	3	16	26
7	12	0	17	2	12	28
8	12	0	13	1	7	19
9	6	0	8	11	7	18
10	0	0	14	23	11	20
11	0	0	15	18	14	21
12	0	0	18	13	13	28
13	0	0	13	11	11	25
14	0	0	14	12	10	18
15	0	0	3	10	9	12
16	0	0	0	10	9	14
17	0	0	0	8	14	8
18	0	0	0	8	16	3
19	0	9	0	8	14	0
20	0	7	2	19	13	0
21	0	12	3	32	12	0
22	0	13	3	20	10	0
23	0	12	3	21	9	0
24	0	11	3	22	8	0
25	0	11	2	22	7	0
26	0	11	3	20	8	0
27	0	7	9	18	11	0
28	0	2	9	19	13	0
29	0	2	11	18	14	0
30	0	3	13	17	14	0
31	0	9	--	17	15	-
Mean	3	4	11	14	12	11
Max.	12	13	37	32	17	28
Min.	0	0	0	1	7	0
A.F.	170	220	630	840	750	680

Water diverted 3290 A.F.
 Acreage reported D-887-2000

DAILY DIVERSIONS OF CANALS--1970
 BEISER CANAL From Niobrara River--Measured
 through rating flume--Sec. 4-29-56 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.

DAILY DIVERSIONS OF CANALS--1970
 BELMONT CANAL from North Platte River--Measured
 through 15-foot Parshall flume--Sec. 18-20-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	83	0	99	119	120	109
2	66	0	113	122	120	109
3	22	0	112	120	120	107
4	0	50	101	122	120	103
5	0	63	99	119	122	103
6	0	54	107	118	123	103
7	0	44	108	77	123	104
8	0	44	107	74	118	94
9	0	34	108	128	113	93
10	0	47	109	122	114	99
11	0	76	90	114	111	98
12	0	79	64	119	111	93
13	0	64	68	122	111	80
14	0	60	58	117	112	75
15	0	50	59	114	113	75
16	0	60	53	113	113	86
17	0	59	48	112	113	92
18	0	63	69	113	112	92
19	0	65	83	113	115	91
20	0	64	78	119	118	88
21	0	76	69	114	118	88
22	0	86	71	113	117	87
23	0	87	70	113	112	86
24	0	87	65	111	108	85
25	0	85	80	107	112	85
26	0	94	85	115	113	79
27	0	104	101	115	113	78
28	0	106	122	117	112	80
29	0	108	122	117	111	75
30	0	108	122	117	109	72
31	0	108	---	118	109	--
Mean	6	65	88	114	115	90
Max.	83	108	122	128	123	109
Min.	0	0	48	74	108	72
A.F.	340	4020	5240	7010	7050	5370
Water diverted	29030 A.F.					

DAILY DIVERSIONS OF CANALS--1970
 BELMONT CANAL from Cedar Creek--Measured
 through rating flume--Sec. 23-18-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	6	9
2	0	0	7	6	11
3	0	0	7	6	11
4	0	0	7	6	11
5	0	0	7	6	10
6	0	0	7	6	10
7	0	0	7	7	10
8	0	0	7	6	11
9	0	0	7	7	10
10	0	0	5	7	10
11	0	0	3	7	11
12	0	0	3	7	11
13	0	0	2	7	10
14	0	0	2	7	9
15	0	0	2	7	9
16	0	0	4	7	10
17	0	0	5	8	13
18	0	0	5	7	14
19	0	0	5	8	14
20	0	0	6	7	14
21	0	0	6	8	14
22	0	0	6	8	9
23	0	0	6	7	7
24	0	0	6	7	8
25	0	0	6	7	8
26	0	0	6	7	8
27	0	0	6	7	8
28	0	0	6	7	8
29	0	0	6	7	4
30	0	0	7	8	0
31	0	-	6	8	-
Mean	0	0	5	7	10
Max.	0	0	7	8	14
Min.	0	0	0	6	0
A.F.	0	0	330	430	580
Water diverted	1340 A.F.				

DAILY DIVERSIONS OF CANALS--1970

BELMONT CANAL
 Summary in Acre-feet--1970

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	340	4020	5240	7010	7050	5370	29030
Cedar Creek.....	0	0	0	330	430	580	1340
Total diversion.....	340	4020	5240	7340	7480	5950	30370

Water diverted 30370 A.F.
 Acreage reported D-828-14356

DAILY DIVERSIONS OF CANALS--1970
 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	7
2	0	0	0	0	18
3	0	0	0	0	18
4	0	0	0	0	17
5	0	0	0	0	18
6	0	0	0	0	18
7	0	0	0	0	19
8	0	0	0	0	17
9	0	0	0	0	13
10	0	0	0	0	19
11	0	0	0	0	17
12	13	0	0	0	10
13	12	0	0	0	10
14	5	0	0	0	10
15	5	0	0	0	10
16	5	0	0	0	10
17	5	0	0	0	17
18	4	0	0	0	16
19	1	0	0	0	16
20	0	0	0	0	16
21	0	0	0	0	16
22	0	0	0	0	16
23	0	0	0	0	16
24	0	0	0	0	9
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	2	0	0	0	12
Max.	13	0	0	0	19
Min.	0	0	0	0	0
A.F.	100	0	0	0	700

Water returned 800 A.F.

DAILY DIVERSIONS OF CANALS--1970
 BENNETT CANAL from Lodgepole Creek--Measured
 through rating flume--Sec. 22-15-55 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	2	17	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	2	0	0	0
15	0	2	0	0	0
16	0	2	0	0	0
17	0	2	0	0	0
18	0	2	0	0	0
19	0	0	0	0	0
20	0	2	0	0	0
21	0	1	0	0	0
22	0	2	0	0	0
23	0	2	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	1	0	0	0
Max.	0	2	0	0	0
Min.	0	0	0	0	0
A.F.	0	60	0	0	0

Water diverted 60 A.F.

Acreeage reported A-691-86; A-1975 (storage only)-414; Total-500

DAILY DIVERSIONS OF CANALS--1970
 BENNETT-KAY CANAL from Niobrara River
 Measured through rating flume--Sec. 1-28-54 W.

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

Water diverted 230 A.F.

Acreeage reported A-1279-271

DAILY DIVERSIONS OF CANALS--1970
 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	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.

Acreeage reported B-215-1-1-5500

DAILY DIVERSIONS OF CANALS--1970
 BIGELOW-SEYMOUR CANAL from Niobrara River
 Measured through rating flume--Sec. 19-31-57 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 D-510-29

DAILY DIVERSIONS OF CANALS--1970
 BIRDWOOD CANAL from Birdwood Creek--Measured
 through 8-foot Parshall flume--Sec. 35-15-33 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	21	0	0	12	38	41	41
2	21	0	0	0	43	42	44
3	15	0	0	8	40	44	45
4	0	0	0	21	41	45	35
5	6	0	0	21	43	45	31
6	9	0	0	22	44	43	31
7	6	0	0	24	48	43	31
8	6	0	0	30	46	44	31
9	5	0	0	31	46	45	32
10	0	0	0	32	48	45	31
11	6	0	0	27	49	47	32
12	18	0	0	22	47	46	32
13	18	0	0	1	42	49	22
14	16	2	0	10	42	40	16
15	6	4	0	20	45	42	20
16	0	6	0	25	44	43	19
17	0	13	0	23	43	42	19
18	0	22	0	23	42	42	18
19	0	19	0	26	41	41	16
20	0	20	0	25	42	41	13
21	0	18	0	22	42	41	12
22	0	10	0	23	42	42	12
23	0	10	0	32	38	41	12
24	0	11	0	37	22	41	12
25	0	8	0	39	27	41	14
26	0	0	0	33	25	41	13
27	0	0	0	33	24	41	13
28	0	0	0	33	27	41	12
29	0	0	10	33	35	41	13
30	0	0	15	35	36	41	13
31	0	-	16	--	40	41	--
Mean	5	5	1	24	40	43	23
Max.	21	22	16	39	49	49	45
Min.	0	0	0	0	22	40	12
A.F.	300	280	80	1430	2440	2620	1360

Water diverted 8510 a.f.
 Acreage reported D-646-5287

DAILY DIVERSIONS OF CANALS--1970
 BLUE CREEK CANAL from Blue Creek and Crescent Lake
 Measured through 8-foot Parshall flume--Sec. 33-17-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	39	0	0	36	36	40
2	39	0	0	36	28	40
3	39	0	0	35	36	39
4	34	0	0	35	35	36
5	18	0	0	36	35	36
6	16	0	0	36	34	36
7	4	0	0	37	34	37
8	0	0	0	36	35	37
9	0	0	0	35	19	37
10	0	0	0	35	0	37
11	0	0	0	35	0	38
12	0	0	0	36	7	37
13	0	0	0	36	33	39
14	0	0	0	36	33	42
15	0	0	0	35	35	38
16	0	0	0	32	36	34
17	0	0	3	33	36	12
18	0	0	6	33	36	0
19	0	0	6	32	35	0
20	0	0	7	33	36	0
21	0	0	6	35	39	0
22	0	0	6	34	39	6
23	0	0	6	35	40	35
24	0	0	14	35	39	36
25	0	0	18	33	39	37
26	0	0	23	33	37	38
27	0	0	30	35	36	38
28	0	0	30	37	36	39
29	0	0	33	36	38	41
30	0	0	38	36	41	44
31	0	0	--	37	41	--
Mean	6	0	8	35	32	31
Max.	39	0	38	37	41	44
Min.	0	0	0	32	0	0
A.F.	370	0	450	2150	1990	1840

Water diverted 6800 A.F.
 Acreage reported D-785-2532; D-795-339; A-1154-30; Total-2901

DAILY DIVERSIONS OF CANALS--1970
 BOURETT CANAL from Niobrara River--Measured
 through rating flume--Sec. 33-30-56 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-4-100; A-1057-52; Total-152

DAILY DIVERSIONS OF CANALS--1970
BROWNS CREEK CANAL from North Platte River
Measured through Parshall flume--Sec. 28-20-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	46	0	26	74	53	84
2	30	0	22	84	77	68
3	26	0	24	76	77	70
4	13	0	23	64	79	74
5	3	0	33	52	77	71
6	2	0	43	39	79	70
7	1	0	47	24	87	64
8	0	0	46	80	79	61
9	0	0	44	75	77	53
10	0	0	51	82	77	54
11	0	0	38	89	70	56
12	0	0	32	90	80	56
13	0	0	28	86	81	52
14	0	0	30	87	74	43
15	0	0	20	85	69	49
16	0	0	19	82	68	43
17	0	0	26	85	79	35
18	0	0	39	85	75	20
19	0	8	40	90	70	10
20	0	24	36	90	84	6
21	0	22	36	78	84	13
22	0	16	40	86	87	26
23	0	27	44	76	96	25
24	0	33	40	68	98	25
25	0	25	34	60	85	27
26	0	16	33	49	73	28
27	0	9	53	57	66	34
28	0	13	54	52	60	34
29	0	32	54	61	68	39
30	0	36	64	54	86	52
31	0	45	--	52	96	--
Mean	4	10	37	71	78	45
Max.	46	45	64	90	98	84
Min.	0	0	19	24	53	6
A.F.	240	610	2220	4390	4780	2660

Water diverted 14900 A.F.

Acreage reported D-857; 1033-6176

DAILY DIVERSIONS OF CANALS--1970
CAMBRIDGE CANAL from Republican River--Measured
through 15-foot Parshall flume--Sec. 27-4-25 W.

Date	May	June	July	Aug.	Sept.
1	0	75	338	182	96
2	0	33	359	180	85
3	0	0	361	209	73
4	0	0	365	228	58
5	0	0	363	252	46
6	0	0	367	286	45
7	0	0	363	303	34
8	48	0	357	301	26
9	28	0	364	311	27
10	18	49	376	298	27
11	73	55	380	281	27
12	78	0	368	254	26
13	69	0	294	240	27
14	74	0	232	220	10
15	59	0	222	215	0
16	51	0	222	224	0
17	51	0	239	227	0
18	54	0	250	209	0
19	49	0	252	200	0
20	60	0	305	185	0
21	65	0	336	155	0
22	70	0	344	136	0
23	65	40	345	132	0
24	59	104	306	123	0
25	76	106	281	116	0
26	84	112	276	104	0
27	83	114	237	85	0
28	84	116	199	75	0
29	83	162	190	75	0
30	85	256	206	69	0
31	81	--	186	87	--
Mean	50	41	299	192	20
Max.	85	256	380	311	96
Min.	0	0	186	69	0
A.F.	3070	2420	18410	11830	1200

Water diverted 36930 A.F.

Acreage reported A-3869e-16936; A-6218-556; A-9479-220; A-9763-128; A-10591-456; A-11041-270; Total-18566

DAILY DIVERSIONS OF CANALS--1970
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	57	0	58	68	89	92
2	57	0	62	69	88	88
3	53	0	68	72	91	88
4	50	0	68	83	89	86
5	49	0	65	86	89	78
6	47	0	62	94	89	72
7	44	22	62	96	89	68
8	43	43	64	87	89	68
9	39	41	65	87	88	64
10	33	40	49	88	88	61
11	27	42	54	86	89	61
12	19	48	36	86	89	62
13	11	46	32	87	89	58
14	0	37	32	89	90	57
15	0	31	32	89	91	60
16	0	31	40	91	91	60
17	0	31	48	90	87	60
18	0	35	42	90	89	62
19	0	48	37	89	91	63
20	0	56	37	83	89	62
21	0	58	50	88	92	62
22	0	64	54	90	92	64
23	0	65	54	82	91	64
24	0	69	54	80	92	61
25	0	76	64	80	92	63
26	0	85	68	82	92	64
27	0	82	68	82	95	61
28	0	82	68	90	97	64
29	0	76	68	91	95	72
30	0	70	68	91	94	72
31	0	64	--	91	96	--
Mean	17	43	54	86	91	67
Max.	57	85	68	96	97	92
Min.	0	0	32	68	87	57
A.F.	1050	2660	3230	5270	5580	4000

Water diverted 21790 A.F.

DAILY DIVERSIONS OF CANALS--1970
CENTRAL CANAL from North Platte River
Measured through rating flume--Sec. 36-22-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	16	32	34	22
2	11	0	17	34	33	17
3	0	0	20	34	33	15
4	0	0	21	32	32	16
5	0	0	21	31	34	16
6	0	0	22	30	34	15
7	0	0	22	29	32	16
8	0	0	21	28	30	16
9	0	5	20	28	30	17
10	0	0	20	29	30	17
11	0	9	14	28	30	18
12	0	15	14	27	30	11
13	0	13	10	30	26	8
14	0	12	0	30	24	10
15	0	10	0	32	28	18
16	0	11	0	32	28	17
17	0	12	0	31	28	18
18	0	13	0	28	26	19
19	0	10	0	30	25	19
20	0	14	9	30	26	19
21	0	22	15	27	25	20
22	0	23	16	28	25	20
23	0	23	17	27	24	20
24	0	22	18	28	24	20
25	0	23	23	29	24	20
26	0	26	23	28	24	14
27	0	24	24	27	24	14
28	0	19	18	21	25	14
29	0	17	23	29	27	16
30	0	17	30	27	27	16
31	0	14	--	30	26	--
Mean	1	11	15	29	28	16
Max.	15	26	30	34	34	22
Min.	0	0	0	21	24	8
A.F.	50	700	900	1800	1720	990

Water diverted 6160 A.F.

DAILY DIVERSIONS OF CANALS--1970
 CHAMPION CANAL from Frenchman River
 Measured through rating flume--Sec. 23-6-40 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	11	9	11	3	3
2	0	11	10	11	3	3
3	0	11	10	11	3	4
4	0	11	9	11	3	4
5	0	15	8	8	3	4
6	0	15	8	5	3	4
7	0	15	7	3	3	5
8	0	15	9	3	3	8
9	0	10	13	3	3	8
10	0	10	2	3	3	8
11	0	10	13	4	3	8
12	0	8	15	4	3	8
13	0	9	14	3	3	9
14	0	10	14	3	3	10
15	0	9	13	3	3	12
16	0	8	12	3	3	10
17	0	8	6	3	3	10
18	0	10	9	3	3	10
19	0	13	5	4	3	10
20	0	11	3	4	3	9
21	0	10	3	4	3	8
22	0	6	5	3	3	8
23	0	9	5	4	3	8
24	0	10	5	4	3	8
25	0	4	9	4	3	8
26	0	4	13	4	3	8
27	0	4	13	4	3	8
28	5	6	13	4	4	9
29	11	8	12	4	4	9
30	11	8	12	4	3	9
31	--	9	--	3	3	-
Mean	1	10	9	5	3	8
Max.	11	15	15	11	4	12
Min.	0	4	2	3	3	3
A.F.	50	590	550	290	190	460

Water diverted 2130 A.F.
 Acreage reported-D-47-1138

DAILY DIVERSIONS OF CANALS--1970
 CHIMNEY ROCK CANAL from North Platte River
 Measured through rating flume--Sec. 1-20-53 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	45	0	57	51	73	62
2	39	0	56	49	72	62
3	48	0	56	52	71	60
4	46	0	57	51	70	60
5	43	13	58	47	70	60
6	43	13	57	56	72	61
7	29	28	56	64	72	58
8	0	26	55	70	68	56
9	0	32	54	62	65	52
10	0	40	58	61	65	49
11	0	40	57	63	64	57
12	0	39	50	57	65	60
13	0	39	41	62	64	59
14	0	39	34	68	62	56
15	0	37	24	68	61	45
16	0	36	29	78	63	40
17	0	38	35	77	65	44
18	0	36	34	69	62	48
19	0	32	32	64	63	51
20	0	45	34	78	65	49
21	0	44	37	70	64	49
22	0	49	35	67	63	48
23	0	48	42	66	63	46
24	0	46	44	66	63	44
25	0	47	43	63	61	45
26	0	55	50	62	62	50
27	0	56	48	65	63	49
28	0	56	61	58	64	49
29	0	58	64	63	65	48
30	0	58	55	72	63	51
31	0	60	--	72	63	--
Mean	9	36	47	64	65	52
Max.	48	60	64	78	73	62
Min.	0	0	29	47	61	40
A.F.	580	2200	2800	3910	4020	3110

Water diverted 16620 A.F.; Natural-16200; Storage-420
 Acreage reported D-844; 1031-5222; A-2190-47;
 Total-5269

DAILY DIVERSIONS OF CANALS--1970
 CIRCLE ARROW CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 30-15-54 W.

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

Water diverted 240 A.F.
 Acreage reported D-346-220

DAILY DIVERSIONS OF CANALS--1970
 CIRCLE PUMP from Niobrara River
 Sec. 5-28-51 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-4758-570

DAILY DIVERSIONS OF CANALS--1970
 CODY-DILLON CANAL from North Platte River
 Measured over weir--Sec. 10-14-31 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	21	0	21	31	18	23
2	27	0	20	24	25	22
3	25	0	16	9	26	28
4	18	0	17	5	26	24
5	12	0	16	21	28	28
6	12	2	16	41	16	26
7	10	4	17	57	14	34
8	8	2	16	53	16	17
9	8	5	14	45	16	14
10	6	5	7	36	20	24
11	5	5	20	16	24	28
12	5	5	11	14	29	33
13	4	6	6	12	31	26
14	3	8	3	10	30	28
15	0	9	3	23	43	36
16	0	8	3	29	28	24
17	0	9	18	31	30	7
18	0	12	14	41	25	3
19	0	10	12	37	25	3
20	0	12	12	39	28	3
21	0	8	11	35	24	4
22	0	18	11	30	17	4
23	0	41	12	20	19	4
24	0	40	18	11	17	4
25	0	31	18	11	25	5
26	0	16	18	8	29	5
27	0	16	25	12	25	5
28	0	16	31	20	27	4
29	0	20	26	18	18	5
30	0	20	28	14	15	13
31	0	20	--	12	22	--
Mean	5	11	15	25	24	16
Max.	27	40	31	57	43	36
Min.	0	0	3	5	14	3
A.F.	330	690	910	1520	1460	960

Water diverted 5870 A.F.
 Acreage reported D-649-4743

DAILY DIVERSIONS OF CANALS--1970
 COLUMBUS POWER CANAL from Loup River
 Measured through section of canal--Sec. 32-17-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1630	2480	2070	24	2050	2260	2380	2610	1950	687	318	523
2	1600	2430	2110	47	1800	2440	2440	2440	1850	543	597	532
3	1680	2360	2190	61	1880	2490	2110	1970	1730	439	1080	706
4	1740	2390	2120	63	2120	2720	2220	1740	1590	387	1270	821
5	1890	2390	1480	64	2020	2620	2230	1690	1440	341	1090	836
6	2460	2200	1150	139	1980	2480	2060	1610	1370	328	944	882
7	2250	2220	326	228	1980	2230	1990	1610	1300	287	857	889
8	2230	2280	45	138	1930	2350	1760	1570	1220	284	808	799
9	2140	2370	53	238	1980	2280	2070	1510	1070	268	724	749
10	1920	2230	62	315	1950	1580	2000	1500	1020	292	712	746
11	1960	2390	61	460	1910	1480	1870	1480	968	237	649	768
12	2500	2340	58	634	1980	1360	2180	1460	1090	288	604	767
13	2700	2400	83	961	1920	2380	2820	1480	1440	430	544	829
14	2650	593	113	1190	1940	2250	2780	1480	2600	511	466	854
15	2570	885	264	1340	1990	2370	2740	1530	2490	1170	407	1110
16	2710	2010	365	1390	2000	2300	2600	1420	2080	1200	351	1350
17	2640	2010	51	1500	1980	2220	2690	1460	1870	1070	401	1670
18	2670	562	322	1640	1960	2190	2720	1430	1840	780	455	1680
19	2700	200	242	1610	1980	2620	2870	1280	2040	697	430	1570
20	2700	889	33	1550	2120	2730	2950	1210	1980	692	448	1510
21	2630	2210	52	1430	1970	2640	2960	1120	1740	635	447	1350
22	2380	2230	29	1380	1930	2520	2870	1160	1590	557	555	1360
23	2540	2220	20	1440	1690	2660	2950	1470	1490	508	602	1340
24	2290	2190	22	1540	1470	2460	2760	1380	1390	460	673	1390
25	2240	2180	43	1870	1220	2480	2510	1870	1160	459	703	1530
26	2420	2210	55	2100	1520	2630	2420	2240	1030	421	694	1400
27	2480	2240	55	2010	2040	2430	2230	1890	946	435	652	1370
28	2300	1530	47	2090	2290	2550	2190	1830	816	450	631	1330
29	2260	1810	51	2130	----	2440	2060	1700	707	451	588	1390
30	2430	2120	35	2080	----	2370	2100	1630	660	370	568	1320
31	2460	----	18	2070	----	2380	----	1680	----	342	544	----
Mean	2315	1952	440	1088	1914	2352	2418	1627	1482	517	639	1112
Max.	2710	2480	2190	2130	2290	2730	2960	2610	2600	1200	1270	1680
Min.	1600	200	18	24	1220	1360	1760	1120	660	237	318	523
A.F.	142400	116200	27030	66910	106300	144600	143900	100100	88200	31770	39300	66190
Total acre-feet	1073000 A.F.											

DAILY DIVERSIONS OF CANALS--1970
 COOK CANAL NO. 1 from Niobrara River
 Measured through rating flume--Sec. 2-28-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	1	0.2	0.4	0
2	2	0	0.7	0.1	0.4	0
3	2	0	0.6	0	0.4	0
4	2	1	0.4	0	0.5	0
5	2	2	0.6	0	0.4	0
6	2	2	1	0	0.4	0
7	2	2	1	0.8	0.4	0
8	2	2	1	0.5	0.3	0
9	2	2	1	0.1	0.2	0
10	2	2	1	0.1	0.3	0
11	2	2	1	0.9	0.1	0
12	2	2	2	1	0	0
13	2	2	1	1	0	0
14	3	2	1	1	0.5	0
15	3	2	1	0.9	0.4	0
16	3	2	1	0.9	0.4	0
17	3	2	0.9	0.9	0.3	0
18	3	2	0.9	0.9	0.3	0
19	3	2	0.8	0.9	0.1	0
20	1	1	0.8	1	0	0
21	0	1	0.7	0.9	0	0
22	0	2	0.6	0.9	0	0
23	0	1	0.5	0.9	0	0
24	0	1	0.6	0.8	0	0
25	0	1	0.8	0.7	0	0
26	0	1	0.7	0.7	0	0
27	0	1	0.6	0.6	0	0
28	0	1	0.4	0.7	0	0
29	0	1	0.4	0.6	0	0
30	0	1	0.4	0.5	0	0
31	0	1	---	0.5	0	-
Mean	1	1	1	1	0	0
Max.	3	2	2	1	0.5	0
Min.	0	0	0.4	0	0	0
A.F.	90	90	50	40	10	0

Water diverted 280 A.F.
 Acreage reported D-980-162

DAILY DIVERSIONS OF CANALS--1970
 COURT HOUSE ROCK CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 30-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	12	8	10	7
2	0	12	8	10	7
3	0	12	7	10	7
4	0	13	9	10	7
5	0	13	10	9	7
6	0	12	10	9	7
7	0	11	10	8	8
8	0	10	8	8	8
9	0	10	8	8	8
10	0	9	11	9	7
11	0	20	9	9	7
12	0	22	9	8	7
13	0	22	8	8	8
14	6	21	9	8	9
15	12	20	9	7	10
16	11	18	8	7	10
17	10	14	8	7	10
18	9	17	8	7	10
19	8	20	8	6	10
20	10	18	10	7	9
21	10	14	9	6	7
22	9	12	10	6	7
23	9	11	12	6	8
24	9	12	10	6	8
25	8	13	10	6	9
26	6	13	9	6	9
27	5	13	10	6	8
28	8	13	10	6	8
29	10	14	9	6	8
30	11	7	9	6	8
31	12	-	10	7	-
Mean	5	14	9	7	8
Max.	12	22	12	10	10
Min.	0	7	7	6	7
A.F.	320	850	560	460	480

Water diverted 2670 A.F.
 Acreage reported D- 840; 1028-1462;
 A-851-25; A-2315-6; Total 1493

DAILY DIVERSIONS OF CANALS--1970
 COURTLAND CANAL from Republican River
 Measured through orifice--Sec. 7-1-9 W.

Date	May	June	July	Aug.	Sept.
1	0	240	446	696	160
2	0	191	539	718	158
3	0	174	633	738	158
4	0	140	643	718	160
5	0	132	650	728	164
6	0	134	672	728	160
7	0	132	682	748	132
8	111	132	702	758	118
9	152	132	690	748	116
10	150	124	682	748	102
11	148	122	702	748	98
12	196	122	712	748	96
13	265	122	721	738	96
14	284	126	740	718	110
15	336	124	740	696	114
16	392	103	721	707	117
17	406	86	712	728	120
18	412	86	712	728	179
19	456	85	702	718	218
20	485	86	702	728	202
21	478	84	712	718	149
22	485	84	712	692	126
23	498	85	698	666	132
24	485	87	696	657	156
25	492	92	696	591	153
26	492	111	696	471	132
27	447	137	696	325	120
28	362	144	707	264	43
29	278	225	718	200	0
30	240	327	748	172	0
31	240	---	738	172	-
Mean	267	132	688	629	126
Max.	498	327	740	758	218
Min.	0	84	446	172	0
A.F.	16440	7870	42290	38700	7520

Water diverted 112820 A.F.
 Acreage reported A-4222-1724; A-6224-114;
 A-10963-146; Total-1984

DAILY DIVERSIONS OF CANALS--1970
 COURTLAND CANAL from Republican River
 Measured at Nebraska-Kansas State Line
 Sec. 32-1-7 W.

Date	May	June	July	Aug.	Sept.
1	0	196	360	647	124
2	0	150	438	649	122
3	0	138	530	647	124
4	0	121	579	653	122
5	0	110	605	653	122
6	0	109	605	653	121
7	0	108	616	653	108
8	0	107	623	653	75
9	3	107	623	656	74
10	90	102	618	664	68
11	110	97	634	669	61
12	148	98	649	675	58
13	226	96	656	671	57
14	256	97	660	669	65
15	298	95	660	669	75
16	356	81	656	669	76
17	382	68	653	667	77
18	380	67	645	671	142
19	422	66	638	671	179
20	452	68	640	673	176
21	454	66	645	673	113
22	458	66	645	653	98
23	472	66	651	590	97
24	468	66	658	572	116
25	466	75	660	522	120
26	464	83	662	389	108
27	422	100	662	251	92
28	327	112	660	204	62
29	242	182	656	150	37
30	198	273	653	115	36
31	198	---	649	121	---
Mean	235	106	622	564	97
Max.	472	273	662	675	179
Min.	0	66	360	115	36
A.F.	14460	6290	38260	34660	5760

Water at State Line 99430 A.F.
 Used on Kansas lands

DAILY DIVERSIONS OF CANALS--1970
COZAD CANAL from Platte River--Measured
through Parshall flume--Sec. 13-11-25 W.

Date	May	June	July	Aug.	Sept.
1	0	47	190	187	54
2	0	49	224	201	54
3	0	48	263	162	53
4	0	50	263	147	53
5	0	54	238	137	52
6	0	66	146	132	52
7	0	67	120	132	49
8	0	67	235	135	49
9	0	66	277	146	39
10	0	67	269	154	0
11	0	59	277	159	0
12	0	18	254	170	0
13	0	22	254	172	0
14	0	27	242	185	0
15	0	44	248	199	0
16	0	59	246	195	0
17	8	79	233	188	0
18	45	71	227	165	0
19	48	38	226	162	0
20	46	36	222	163	0
21	32	42	222	147	0
22	0	76	218	120	0
23	0	69	217	113	0
24	18	78	206	98	0
25	17	94	185	87	0
26	20	90	175	86	0
27	41	86	177	81	0
28	48	89	175	75	0
29	42	106	180	70	0
30	43	138	185	60	0
31	49	---	188	57	-
Mean	15	63	219	138	15
Max.	49	138	277	201	54
Min.	0	18	120	57	0
A.F.	910	3770	13450	8500	900

Water diverted 27530 A.F.

Acreage reported D-626-25195

DAILY DIVERSION OF CANALS--1970
CRESCENT LAKE OUTLET to Blue Creek
Sec. 21-20-44 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.

DAILY DIVERSIONS OF CANALS--1970
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	65	77	284	284	112
2	0	64	75	320	282	104
3	0	62	65	368	294	100
4	0	62	57	391	292	96
5	0	60	54	389	290	91
6	0	57	53	387	294	81
7	0	57	52	387	294	76
8	0	56	52	382	296	72
9	0	57	56	385	296	50
10	0	60	60	382	306	31
11	0	60	70	376	310	8
12	0	58	72	374	312	0
13	15	58	77	368	312	0
14	47	57	73	356	316	0
15	57	61	72	354	314	0
16	61	63	72	343	314	0
17	62	60	66	332	314	0
18	62	56	65	330	322	0
19	62	56	69	332	310	0
20	64	54	67	330	286	0
21	63	62	66	326	271	0
22	65	66	69	336	173	0
23	69	81	67	334	152	0
24	69	86	57	336	143	0
25	67	86	51	328	130	0
26	66	86	67	320	128	0
27	66	85	90	308	124	0
28	66	78	121	308	122	0
29	72	78	179	300	121	0
30	65	75	238	296	120	0
31	---	76	---	290	115	-
Mean	37	66	77	344	246	27
Max.	69	86	238	391	316	112
Min.	0	54	52	284	115	0
A.F.	2180	4050	4580	21130	15150	1630

Water diverted 48720 A.F.

Acreage reported D-24, 25-29 & 30-9367; A-3869AR-1491; A-6214-9849; A-9697-157; A-9802-132; Total-20996

DAILY DIVERSIONS OF CANALS--1970
DAVISON PUMP from Niobrara River
Sec. 12-28-54 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 pumped 0 A.F.

Acreage reported A-1662-15

DAILY DIVERSIONS OF CANALS--1970
 DAWSON COUNTY CANAL from Platte River
 Measured through Parshall flume--Sec. 7-10-23 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	56	3	136	280	352	134
2	46	16	125	334	356	113
3	31	30	120	389	322	108
4	18	53	118	410	236	106
5	0	79	132	242	212	104
6	0	89	141	127	212	102
7	0	88	142	118	212	101
8	0	84	141	137	203	98
9	0	82	139	410	199	94
10	0	79	137	442	214	96
11	0	74	144	440	222	96
12	0	83	130	442	226	96
13	0	90	106	424	240	98
14	0	113	102	405	258	100
15	0	146	122	397	287	100
16	0	158	130	372	285	95
17	0	158	130	362	276	92
18	0	151	137	356	298	92
19	0	144	107	362	285	88
20	0	110	108	362	283	83
21	0	92	107	359	283	80
22	0	110	108	359	265	80
23	0	148	108	359	242	79
24	0	170	108	362	224	84
25	0	153	112	356	207	36
26	0	129	112	346	187	14
27	0	125	122	346	172	13
28	0	125	120	356	142	6
29	0	113	162	362	136	0
30	0	101	232	359	160	0
31	0	142	---	354	158	-
Mean	5	104	128	346	237	80
Max.	56	170	232	442	356	134
Min.	0	3	102	118	136	0
A.F.	300	6420	7610	21280	14590	4740

Water diverted 54940 A.F.
 Acreage reported D-621-456; D-622-64333; D-624-5640; A-2039-4810; A-2093-213; A-2110-13699; A-2145-985; A-2262-890; Total-91026

DAILY DIVERSIONS OF CANALS--1970
 EARNEST CANAL (Combined flow-North & South) from
 Niobrara River--Measured through rating flumes
 Sec. 9-29-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	6	2	2	1
2	4	0	7	2	2	0.7
3	4	0	6	2	2	0.9
4	4	2	6	2	2	0.9
5	4	4	5	2	3	0.9
6	4	4	5	2	3	0.4
7	4	5	5	3	3	0.3
8	4	9	3	2	3	0.6
9	4	8	3	2	2	0.8
10	4	6	3	2	2	0.9
11	3	5	2	2	1	1
12	3	5	3	2	1	2
13	2	6	2	2	0	3
14	0	6	3	2	0	6
15	0	5	3	2	0	7
16	0	5	3	2	0	8
17	0	6	3	2	0	8
18	0	8	3	2	0	8
19	0	7	3	2	0	8
20	0	7	3	2	0.3	8
21	0	7	3	2	0.4	6
22	0	6	3	2	0.4	4
23	0	6	3	2	0.4	4
24	0	7	3	2	0.5	3
25	0	7	3	2	0.5	4
26	0	6	3	2	0.6	4
27	0	5	3	2	0.5	4
28	0	5	2	2	0.5	3
29	0	5	2	2	0.4	3
30	0	6	2	2	0.4	3
31	0	6	-	2	0.5	-
Mean	2	5	3	2	1	3
Max.	4	9	7	3	3	8
Min.	0	0	2	2	0	0.3
A.F.	100	330	210	120	60	210

Water diverted 1030 A.F.
 Acreage reported D-514a-189; D-514b-120;

DAILY DIVERSIONS OF CANALS--1970
 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	24	0	21	28	24	19
2	20	0	22	30	24	19
3	16	0	1	28	24	17
4	6	0	12	29	24	17
5	0	0	24	28	23	18
6	0	0	25	28	24	19
7	0	0	25	18	24	20
8	0	0	25	15	22	17
9	0	0	25	25	21	17
10	0	0	26	22	20	16
11	0	0	24	23	19	14
12	0	0	11	28	20	13
13	0	0	14	28	22	14
14	0	0	10	28	21	8
15	0	0	7	29	22	8
16	0	0	26	28	22	11
17	0	0	23	28	21	14
18	0	0	20	28	19	14
19	0	0	29	28	21	13
20	0	9	28	28	21	11
21	0	10	27	28	21	11
22	0	10	27	28	22	11
23	0	10	27	28	20	10
24	0	10	27	28	19	10
25	0	8	25	27	21	10
26	0	10	27	28	22	8
27	0	13	26	28	21	8
28	0	18	30	28	21	9
29	0	21	29	28	20	7
30	0	22	29	28	20	7
31	0	21	---	26	19	-
Mean	2	5	22	27	21	13
Max.	24	22	30	30	24	20
Min.	0	0	1	15	19	7
A.F.	130	320	1330	1650	1320	770

Water diverted 5520 A.F.
 Acreage reported D-858-2116; A-866-75.

DAILY DIVERSIONS OF CANALS--1970
 ENTERPRISE CANAL from North Platte River
 Measured through rating flume--Sec. 27-23-57 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	30	72	99	105	104
2	0	25	66	100	104	103
3	0	38	69	103	104	96
4	0	38	51	105	105	92
5	0	42	43	104	103	96
6	0	37	45	103	103	98
7	0	36	41	101	101	93
8	0	39	33	100	101	80
9	0	53	37	105	99	82
10	0	34	46	105	99	82
11	0	44	41	102	99	83
12	0	49	32	104	99	81
13	0	53	25	107	102	76
14	0	55	27	105	106	70
15	0	56	28	106	105	72
16	0	54	29	105	105	75
17	0	54	28	100	103	73
18	0	57	26	98	102	71
19	0	72	27	100	103	73
20	0	74	29	103	100	72
21	0	78	31	93	101	71
22	0	74	30	96	104	71
23	0	72	31	100	105	66
24	0	67	35	100	105	56
25	0	69	55	101	104	49
26	0	76	78	103	103	45
27	0	76	84	103	102	45
28	0	82	87	105	104	44
29	0	84	95	105	106	43
30	19	77	99	107	107	43
31	--	75	--	106	109	--
Mean	1	57	47	102	103	74
Max.	19	84	99	107	109	104
Min.	0	25	25	93	99	43
A.F.	40	3510	2820	6300	6340	4370
Water diverted	23380 A.F.					

DAILY DIVERSIONS OF CANALS--1970

ENTERPRISE CANAL from Dry Spotted Tail Creek
 Measured in channel of stream--Sec. 20-23-56 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.				

ENTERPRISE CANAL from Morrill Drain
 Measured in channel of drain--Sec. 14-23-57 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	5
5	0	1	1	3	5
6	0	1	1	3	5
7	0	1	1	3	5
8	0	1	1	3	5
9	0	1	1	3	5
10	0	1	2	3	5
11	0	1	2	3	5
12	0	1	2	3	5
13	0	1	2	3	5
14	0	1	2	3	5
15	0	1	2	3	5
16	0	1	2	3	5
17	0	1	2	4	5
18	0	1	2	4	4
19	1	0	2	4	4
20	1	0	2	4	4
21	1	0	2	4	4
22	1	0	3	4	4
23	1	0	3	4	4
24	1	0	3	4	4
25	1	0	3	4	3
26	1	0	3	4	3
27	1	0	3	4	3
28	1	0	3	4	3
29	1	0	3	4	3
30	1	0	3	4	3
31	1	-	3	4	-
Mean	0	1	2	3	4
Max.	1	1	3	4	5
Min.	0	0	0	3	3
A.F.	30	40	120	210	250
Water diverted	650 A.F.				

DAILY DIVERSIONS OF CANALS--1970

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

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

Date	May	June	July	Aug.	Sept.
1	0	3	2	2	2
2	0	3	2	2	2
3	0	3	2	2	2
4	0	3	2	2	2
5	0	3	2	2	1
6	0	2	2	2	1
7	0	2	2	2	1
8	0	2	2	1	1
9	0	2	2	1	1
10	0	2	2	1	1
11	0	2	1	1	1
12	0	2	1	1	1
13	0	2	1	1	1
14	0	2	1	1	1
15	0	2	1	1	1
16	1	2	1	1	1
17	1	2	1	1	1
18	1	2	2	1	1
19	1	2	2	1	1
20	1	2	2	1	1
21	1	2	2	1	1
22	1	2	2	2	1
23	2	2	2	2	1
24	2	2	2	2	1
25	2	2	2	2	1
26	2	2	2	2	1
27	2	2	2	2	1
28	2	2	2	2	1
29	2	2	2	2	1
30	3	2	2	2	1
31	3	-	2	2	-
Mean	1	2	2	2	1
Max.	3	3	2	2	2
Min.	0	2	1	1	1
A.F.	50	130	110	100	70

Water diverate 460 A.F.

DAILY DIVERSIONS OF CANALS--1970

ENTERPRISE CANAL
Summary in Acre-feet--1970

Diverted from:	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
North Platte River.....	0	40	3510	2820	6300	6340	4370	23380
Morrill Drain.....	0	0	30	40	120	210	250	650
Dry Spotted Tail Creek..	0	0	0	0	0	0	0	0
Tub Springs Creek.....	0	0	0	0	0	0	0	0
Winter Creek.....	0	0	50	130	110	100	70	460
Total.....	0	40	3590	2990	6530	6650	4690	24490

Water diverted 24320 A.F. - Natural
170 A.F. - Storage
24490 A.F. - Total

Includes Glendo Storage
Acreage reported D-920-7506

DAILY DIVERSIONS OF CANALS--1970
 ENTERPRISE CANAL (Combined flow-North & South) from
 Niobrara River--Measured through rating flumes
 Sec. 27-29-50 W.

Date	May	June	July	Aug.	Sept.
1	0	0	4	0	2
2	0	0	4	0	2
3	0	0	4	0	4
4	0	0	4	0	4
5	0	0	4	0	4
6	0	0	5	0	5
7	0	0	4	0	5
8	0	0	3	0	6
9	0	0	2	0	5
10	0	0	3	0	6
11	0	3	2	0	6
12	0	5	2	0	3
13	0	5	3	0	2
14	0	6	3	0	1
15	0	6	3	0	1
16	0	6	3	0	1
17	0	6	3	0	1
18	0	5	3	0	1
19	0	5	3	0	1
20	0	6	4	0	1
21	0	5	4	0	1
22	0	5	4	0	2
23	0	5	4	0	2
24	0	5	4	0	2
25	0	5	4	0	2
26	0	5	4	1	2
27	0	4	4	1	2
28	0	4	4	2	2
29	0	4	4	2	2
30	0	4	2	2	2
31	0	-	0	2	-
Mean	0	3	3	0	3
Max.	0	6	5	2	6
Min.	0	0	0	0	1
A.F.	0	200	210	20	160

Water diverted 590 A.F.
 Acreage reported D-461-340; A-5181-76;
 Total-416

DAILY DIVERSIONS OF CANALS--1970
 EXCELSIOR CANAL from Niobrara River
 Measured through rating flume--Sec. 10-28-52 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	1	1	0	3	1	0	2
2	1	0	0	3	2	0	2
3	1	0	0	2	3	0	2
4	2	0	0	3	3	0	2
5	4	0	4	3	3	0	3
6	2	0	8	2	3	0	2
7	2	0	6	2	3	0	3
8	2	0	4	1	3	0	3
9	2	0	4	2	3	0	3
10	3	0	5	2	3	0	3
11	5	0	4	5	2	0	4
12	5	0	4	16	2	0	5
13	4	0	4	13	3	0	8
14	8	0	5	10	4	0	10
15	9	0	5	8	2	0	11
16	10	0	5	7	1	0	12
17	10	0	5	8	1	0	13
18	11	0	2	8	1	0	13
19	12	0	0	7	1	0	8
20	10	0	0	6	2	0	5
21	7	0	0	5	1	0	4
22	5	0	0	4	0	0	3
23	4	0	0	3	0	0	4
24	4	0	0	3	0	0	8
25	4	0	0	3	0	0	8
26	4	0	0	2	0	0	8
27	4	0	3	2	0	0	8
28	4	0	5	2	0	1	8
29	4	0	4	1	0	2	8
30	4	0	2	1	0	1	6
31	4	-	3	-	0	1	-
Mean	5	0	3	5	2	0	6
Max.	12	1	8	16	4	2	13
Min.	1	0	0	1	0	0	2
A.F.	300	2	160	270	90	10	350

Water diverted 1182 A.F.
 Acreage reported D-568-200; A-2264-134; Total-334

DAILY DIVERSIONS OF CANALS--1970
 FARWELL CANAL from Middle Loup River--Measured
 through 25-foot Parshall flume--Sec. 35-18-17 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	402	219	245	141	342
2	0	382	215	199	332	366
3	0	402	215	118	429	402
4	0	408	209	114	489	421
5	0	405	276	90	509	475
6	0	410	366	104	492	470
7	0	400	359	93	497	450
8	0	402	362	62	503	440
9	0	400	347	29	497	440
10	0	402	306	6	486	445
11	0	397	273	45	453	445
12	0	402	230	179	382	470
13	0	405	203	285	342	481
14	16	408	199	470	271	486
15	90	397	230	517	232	500
16	168	392	251	470	232	497
17	260	395	251	410	228	497
18	344	359	303	372	142	497
19	359	251	339	402	271	475
20	410	203	339	387	149	500
21	395	197	382	294	160	503
22	382	199	413	238	262	503
23	421	207	408	215	320	506
24	397	209	400	228	325	506
25	372	209	429	262	315	405
26	337	211	413	282	337	320
27	389	211	395	260	339	296
28	402	213	384	234	347	292
29	405	207	362	181	339	247
30	405	207	256	123	334	98
31	---	215	---	89	339	---
Mean	185	320	314	226	338	425
Max.	421	410	429	517	509	506
Min.	0	197	199	6	141	98
A.F.	11010	19650	18510	13890	20810	25340

Water diverted 109210 A.F.
 For storage and irrigation
 Acreage reported A-4423-47121; A-4923 a & b-

DAILY DIVERSIONS OF CANALS--1970
 FARWELL "MAIN" CANAL from Middle Loup River
 Measured through six constant head orifice gates
 Sec. 1-15-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	659	322	140
2	0	0	659	296	146
3	0	0	677	187	130
4	0	0	694	95	99
5	0	0	689	86	77
6	0	64	665	78	72
7	0	103	635	67	69
8	0	103	616	67	40
9	0	103	610	67	0
10	0	103	596	73	0
11	0	118	596	81	0
12	0	130	596	102	0
13	0	130	504	136	0
14	0	131	370	186	0
15	0	135	314	198	0
16	0	152	307	209	0
17	0	165	322	315	0
18	0	184	330	359	0
19	0	199	337	402	0
20	0	196	382	416	0
21	0	193	406	369	0
22	0	189	412	338	0
23	0	199	389	324	0
24	0	209	357	262	0
25	0	264	357	220	0
26	0	377	357	199	0
27	0	399	350	171	0
28	0	442	357	155	0
29	0	596	370	137	0
30	0	635	350	124	0
31	0	---	337	120	-
Mean	0	184	471	199	26
Max.	0	635	694	416	146
Min.	0	0	307	67	0
A.F.	0	10950	28960	12220	1530

Water released 53660 A.F.

DAILY DIVERSIONS OF CANALS--1970
 FARWELL "SOUTH" CANAL from Middle Loup River
 Measured through four constant head orifice gates
 Sec. 1-15-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	365	227	88
2	0	0	376	210	88
3	0	0	379	139	77
4	0	0	379	74	57
5	0	0	379	51	49
6	0	36	379	48	49
7	0	56	376	47	47
8	0	55	365	46	16
9	0	55	368	46	0
10	0	55	368	47	0
11	0	55	362	54	0
12	0	55	362	69	0
13	0	55	316	80	0
14	0	55	219	109	0
15	0	59	176	117	0
16	0	62	162	117	0
17	0	72	160	179	0
18	0	78	162	221	0
19	0	83	162	262	0
20	0	88	191	268	0
21	0	88	244	252	0
22	0	88	282	242	0
23	0	95	281	242	0
24	0	110	262	210	0
25	0	136	258	188	0
26	0	198	258	163	0
27	0	215	265	141	0
28	0	215	268	121	0
29	0	296	262	115	0
30	0	343	242	117	0
31	0	---	227	98	-
Mean	0	90	286	139	16
Max.	0	343	379	268	88
Min.	0	0	160	46	0
A.F.	0	5360	17560	8530	930
Water released 32380 A.F.					

DAILY DIVERSIONS OF CANALS--1970
 FARWELL MAIN and SOUTH CANALS (Combined Flow)
 Total released from Sherman Reservoir--Sec. 1-15-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	1024	549	228
2	0	0	1035	506	234
3	0	0	1056	326	207
4	0	0	1073	169	156
5	0	0	1068	137	126
6	0	100	1044	126	121
7	0	159	1011	114	116
8	0	158	981	113	56
9	0	158	978	113	0
10	0	158	964	120	0
11	0	173	958	135	0
12	0	185	958	171	0
13	0	185	820	216	0
14	0	186	589	295	0
15	0	154	490	315	0
16	0	214	469	326	0
17	0	237	482	494	0
18	0	262	492	580	0
19	0	282	499	664	0
20	0	284	573	684	0
21	0	281	650	621	0
22	0	277	694	580	0
23	0	294	670	566	0
24	0	319	619	472	0
25	0	400	615	408	0
26	0	575	615	362	0
27	0	614	615	312	0
28	0	657	625	276	0
29	0	892	632	252	0
30	0	978	592	241	0
31	0	---	564	218	-
Mean	0	274	757	337	41
Max.	0	978	1073	684	234
Min.	0	0	469	113	0
A.F.	0	16310	46520	20750	2460
Water released 86040 A.F.					

Acreage reported A-4423-47121; A-5710-1409; A-10260 a & b-Supp I; A-10470-259; Total-48789

DAILY DIVERSIONS OF CANALS--1970
 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	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	3
23	0	0	0	0	2
24	0	0	0	0	2
25	0	0	0	0	2
26	0	0	0	0	3
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	-
Mean	0	0	0	0	0
Max.	0	0	0	0	3
Min.	0	0	0	0	0
A.F.	0	0	0	0	20
Water diverted 20 A.F.					

Acreage reported D-348-118; A-718-54;

DAILY DIVERSIONS OF CANALS--1970
 FORT LARAMIE CANAL from North Platte River
 Measured through Parshall flume--Sec. 11-26-65 W.

Date	May	June	July	Aug.	Sept.
1	0	1079	1269	1508	1508
2	0	1053	1307	1508	1508
3	0	1053	1343	1508	1508
4	0	1056	1382	1505	1495
5	0	1056	1427	1505	1452
6	0	1062	1483	1502	1440
7	0	1107	1505	1499	1409
8	0	1107	1505	1455	1382
9	0	1115	1505	1458	1343
10	0	1154	1505	1458	1284
11	0	1079	1505	1464	1278
12	0	771	1505	1502	1229
13	0	481	1505	1505	1202
14	0	49	1508	1508	1182
15	0	0	1508	1505	1154
16	160	0	1508	1505	1129
17	678	0	1505	1508	1126
18	733	0	1505	1511	1126
19	764	0	1505	1508	1126
20	853	0	1505	1511	1129
21	881	0	1505	1511	1126
22	905	406	1505	1508	1126
23	933	548	1505	1508	1126
24	1004	648	1505	1508	1129
25	1025	680	1505	1508	1126
26	1056	851	1502	1508	963
27	1129	900	1505	1508	685
28	1154	950	1505	1508	335
29	1132	1084	1505	1508	0
30	1109	1188	1505	1511	0
31	1109	---	1505	1508	-
Mean	472	683	1479	1501	1121
Max.	1154	1188	1508	1511	1508
Min.	0	0	1269	1455	0
A.F.	29010	40620	90930	92280	66700
Water diverted 319540 A.F.					

Acreage reported A-768 Nebr-54846;

DAILY DIVERSIONS OF CANALS--1970
FRANKLIN CANAL from Republican River
Measured through orifice--Sec. 11-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	258	221	77
2	0	0	265	221	77
3	0	0	265	221	69
4	0	0	262	225	24
5	0	0	262	225	0
6	0	0	268	221	0
7	0	0	274	221	0
8	0	0	268	225	0
9	0	49	268	236	0
10	0	90	268	236	0
11	57	90	265	232	0
12	89	82	265	225	0
13	77	76	265	218	0
14	77	76	265	209	0
15	77	76	262	202	0
16	77	27	265	202	0
17	77	0	258	189	0
18	66	32	255	164	0
19	59	76	255	152	0
20	63	76	246	138	0
21	70	76	246	114	0
22	70	86	249	95	0
23	70	99	246	88	0
24	70	121	246	82	0
25	26	152	246	78	0
26	0	174	246	78	0
27	0	216	229	78	0
28	0	226	218	78	0
29	0	236	218	78	0
30	0	248	210	78	0
31	0	---	214	78	-
Mean	33	78	252	165	8
Max.	89	248	274	236	77
Min.	0	0	210	78	0
A.F.	2030	4730	15520	10130	490

Water diverted 32800 A.F.
Acreage reported A-2691a-4429; A-2691bR-4010; A-4216-1946; A-6221-151; A-8259-145; A-9623-53; A-9724-18; A-10964-342; Total-11094

DAILY DIVERSIONS OF CANALS--1970
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	44	34	0
2	0	0	41	29	0
3	0	0	44	25	0
4	0	0	44	25	0
5	0	0	45	25	0
6	0	0	42	24	0
7	0	0	42	24	0
8	0	0	42	24	0
9	0	0	46	24	0
10	0	0	46	24	0
11	0	0	46	24	0
12	0	0	46	24	0
13	0	0	45	26	0
14	0	0	45	28	0
15	0	0	45	28	0
16	0	0	45	28	0
17	0	0	45	16	0
18	0	0	46	14	0
19	0	0	45	14	0
20	0	0	45	14	0
21	0	0	46	12	0
22	0	0	46	12	0
23	0	0	43	12	0
24	0	12	47	12	0
25	0	14	47	12	0
26	0	22	43	11	0
27	0	28	45	11	0
28	0	28	46	10	0
29	0	36	44	9	0
30	0	43	43	10	0
31	0	---	41	3	-
Mean	0	6	45	19	0
Max.	0	43	47	34	0
Min.	0	0	41	3	0
A.F.	0	360	2740	1170	0

Water diverted 4270 A.F.
Acreage reported A-4227-1947; A-6222-187; A-10962-8; Total-2142

DAILY DIVERSIONS OF CANALS--1970
FURMAN CANAL (Combined flow, North & South)
from Niobrara River--Measured through rating flumes
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	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.

DAILY DIVERSIONS OF CANALS--1970
GERING CANAL from North Platte River--Measured
through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	104	120	203	207
2	0	103	115	196	209
3	0	104	147	198	207
4	0	104	168	196	200
5	0	101	188	192	201
6	0	103	193	195	200
7	0	105	187	201	203
8	0	109	188	196	185
9	0	123	190	198	152
10	0	135	196	201	161
11	0	72	198	209	158
12	0	54	201	193	148
13	0	67	209	204	148
14	0	70	205	203	147
15	0	72	209	200	150
16	0	64	196	203	123
17	0	10	214	204	95
18	0	23	211	201	96
19	0	21	212	198	95
20	0	30	252	196	95
21	30	31	209	201	103
22	86	31	196	200	98
23	82	30	192	205	97
24	72	30	184	207	95
25	79	41	185	205	96
26	79	96	200	205	103
27	91	123	198	204	99
28	104	113	201	205	115
29	103	114	204	209	86
30	101	115	204	207	15
31	103	---	204	209	---
Mean	30	77	193	201	136
Max.	104	135	252	209	209
Min.	0	10	115	192	15
A.F.	1840	4560	11850	12380	8110

Water diverted 38740 A.F.

DAILY DIVERSIONS OF CANALS--1970
 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	0	0	0	15	165	177	170	162	91	137	369	293
2	0	0	0	4	166	175	159	167	102	254	371	248
3	0	0	0	14	161	165	167	168	112	289	363	220
4	0	0	0	98	171	172	162	167	120	337	371	218
5	0	0	0	126	172	168	159	178	125	345	369	213
6	0	0	0	157	168	167	154	190	116	360	365	188
7	0	0	0	165	173	167	152	206	115	339	334	160
8	0	0	0	172	176	175	151	206	117	365	356	146
9	0	0	0	172	148	167	144	201	126	365	373	123
10	0	0	0	172	168	132	144	208	137	365	371	112
11	0	0	0	168	174	129	159	204	108	369	369	105
12	0	0	0	172	177	159	165	215	84	365	345	97
13	0	0	0	162	164	167	162	215	93	371	309	90
14	0	0	0	165	166	165	167	217	115	367	373	105
15	0	0	0	167	170	163	165	218	112	367	371	126
16	0	0	0	166	169	165	167	204	115	367	371	97
17	0	0	0	165	175	162	167	211	117	367	369	95
18	0	0	0	160	170	165	167	224	126	365	365	84
19	0	0	0	144	162	154	165	218	131	367	371	76
20	0	0	0	155	116	159	165	220	146	367	369	71
21	0	0	0	136	129	165	167	112	146	369	356	66
22	0	0	0	141	167	167	163	70	138	367	326	63
23	0	0	0	141	168	159	165	28	146	367	307	64
24	0	0	0	138	168	157	165	26	125	369	301	45
25	0	0	0	153	163	159	175	78	110	371	311	29
26	0	0	24	165	168	167	170	81	110	371	283	68
27	0	0	27	172	157	167	165	90	122	367	222	66
28	0	0	17	167	170	165	165	82	116	371	226	63
29	0	0	17	141	---	165	165	72	168	369	275	61
30	0	0	24	167	---	155	159	102	155	369	301	61
31	0	-	35	167	---	157	---	87	---	369	305	--
Mean	0	0	5	142	164	162	162	156	121	351	338	115
Max.	0	0	35	172	177	177	175	224	168	371	371	293
Min.	0	0	0	13	116	129	144	26	91	137	222	29
A.F.	0	0	290	8740	9130	9990	9660	9570	7230	21590	20760	6850

Water diverted 103810 A.F.

DAILY DIVERSIONS OF CANALS--1970
 GOTHENBURG IRRIGATION CANAL from Platte River
 Measured through Parshall flume--Sec. 28-12-26 W.

Date	May	June	July	Aug.	Sept.
1	0	74	107	241	117
2	0	73	174	247	112
3	0	87	177	229	124
4	0	84	108	235	117
5	0	78	209	211	114
6	5	65	256	197	89
7	21	68	247	178	75
8	13	73	273	196	78
9	13	83	267	186	101
10	23	93	266	187	105
11	17	47	270	185	95
12	33	30	266	162	83
13	25	49	264	207	76
14	22	70	249	186	68
15	23	65	250	188	66
16	13	66	250	190	60
17	21	64	247	191	89
18	28	65	247	186	72
19	24	60	251	190	65
20	29	75	263	186	67
21	0	56	265	167	24
22	54	61	245	130	50
23	14	67	241	114	19
24	12	66	235	113	6
25	66	59	230	121	22
26	47	63	224	99	50
27	48	71	221	107	0
28	50	68	233	119	2
29	38	70	237	151	2
30	65	58	240	133	4
31	48	--	241	137	--
Mean	24	67	234	173	65
Max.	66	93	273	247	124
Min.	0	30	107	99	0
A.F.	1490	3980	14390	10650	3870

Water diverted 34380 A.F.
 Acreage reported D-645a-860; D-645b-17000;
 A-3716-4585; Total-22445

DAILY DIVERSIONS OF CANALS--1970
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	1	0	0	11	146	160	162	160	14	25	105	144
2	1	0	0	3	138	163	151	159	24	66	102	112
3	1	0	0	12	141	163	152	161	21	92	110	79
4	1	0	0	83	144	158	151	158	29	106	112	83
5	1	0	0	109	147	162	146	153	38	112	130	82
6	1	0	0	147	145	159	135	152	42	86	138	82
7	1	0	0	151	145	160	137	152	38	76	128	70
8	0	0	0	153	153	160	136	158	36	76	132	56
9	0	0	0	156	147	160	133	154	35	81	153	18
10	0	0	0	159	138	110	130	152	36	82	151	6
11	0	0	0	156	150	138	142	153	50	82	151	8
12	0	0	0	153	157	153	162	149	44	82	150	12
13	0	0	0	153	148	153	152	156	36	88	84	12
14	0	0	0	155	150	150	161	160	37	97	153	30
15	0	0	0	156	136	151	166	160	38	96	150	49
16	0	0	0	154	147	150	158	157	40	96	148	30
17	0	0	0	157	153	152	159	156	43	98	146	7
18	0	0	0	154	152	149	162	161	50	97	147	10
19	0	0	0	152	76	154	165	159	58	95	148	9
20	0	0	0	150	108	149	161	157	58	86	150	3
21	0	0	0	150	140	157	162	93	74	86	155	34
22	0	0	0	160	154	157	164	13	63	100	161	11
23	0	0	0	153	160	156	164	12	65	103	158	35
24	0	0	0	153	165	154	162	12	48	110	154	32
25	0	0	0	158	159	158	160	10	42	116	156	6
26	0	0	0	153	158	153	165	28	38	121	151	15
27	0	0	0	145	152	151	160	34	42	120	94	56
28	0	0	1	148	156	154	159	26	39	113	88	50
29	0	0	1	136	---	154	156	28	81	108	102	48
30	0	0	6	144	---	153	156	30	80	106	138	47
31	0	-	20	145	---	143	---	32	--	105	138	--
Mean	0	0	1	134	145	153	154	111	45	94	135	41
Max.	1	0	20	160	165	163	166	161	81	121	161	144
Min.	0	0	0	3	76	110	130	10	14	25	84	3
A.F.	10	0	60	8270	8060	9410	9180	6830	2660	5770	8300	2450

Water returned 61000 A.F.

DAILY DIVERSIONS OF CANALS--1970
GRAF CANAL from Blue Creek--Measured
through Parshall flume--Sec. 19-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	8	0	1	14	11	6
2	8	0	1	14	14	8
3	8	0	9	14	12	9
4	11	0	9	13	12	13
5	12	0	9	14	13	14
6	11	0	8	12	13	16
7	11	0	8	13	12	17
8	6	0	8	15	12	17
9	0	0	8	14	13	18
10	0	0	9	15	15	18
11	0	0	10	16	16	18
12	0	0	5	16	17	18
13	0	0	2	17	11	19
14	0	0	2	18	10	20
15	0	0	1	18	11	21
16	0	0	1	17	12	18
17	0	0	1	18	11	18
18	0	0	1	17	10	14
19	0	0	1	17	10	15
20	0	2	0	18	10	15
21	0	12	0	18	11	15
22	0	15	0	16	13	11
23	0	12	0	12	13	13
24	0	10	0	14	13	14
25	0	10	4	13	14	12
26	0	16	14	13	14	12
27	0	20	6	12	15	11
28	0	15	1	13	14	8
29	0	4	0	13	13	7
30	0	2	15	13	7	6
31	0	2	--	13	7	--
Mean	2	4	4	15	12	14
Max.	12	20	15	18	17	21
Min.	0	0	0	12	7	6
A.F.	150	240	270	910	750	840

Water diverted 3160 A.F.
Acreage reported D-788-1568; D-781R-14; D-763R-85; Total-1667

DAILY DIVERSIONS OF CANALS--1970
HAIGLER CANAL from Republican River
Measured through 5-foot Parshall flume--Sec. 1-1-43 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	21	0	18	28	29	27	26
2	21	0	18	27	28	27	27
3	26	0	18	23	28	27	29
4	30	0	18	20	26	29	29
5	31	0	23	17	25	28	30
6	30	0	4.0	24	25	26	33
7	28	0	6.0	24	27	26	35
8	36	0	6.7	26	26	27	35
9	34	0	18	29	30	32	33
10	34	0	24	27	30	30	33
11	15	0	27	33	25	26	33
12	0	0	35	40	23	25	32
13	0	0	40	30	30	27	26
14	0	0	31	36	24	23	29
15	0	0	22	38	24	25	34
16	0	0	27	42	24	27	36
17	0	0	32	40	24	27	33
18	0	0	38	40	24	25	32
19	0	0	43	21	25	24	25
20	0	0	37	28	47	29	25
21	0	0	33	28	38	35	28
22	0	0	36	35	36	36	31
23	0	0	35	37	36	33	29
24	0	17	40	40	39	30	28
25	0	17	39	40	38	29	30
26	0	18	38	39	36	30	30
27	0	18	37	36	35	28	29
28	0	16	37	31	36	27	30
29	0	15	40	30	34	34	30
30	0	16	34	30	28	31	30
31	0	--	28	--	27	30	--
Mean	10	4	28	31	30	28	30
Max.	36	18	43	42	47	36	36
Min.	0	0	4.0	17	23	23	25
A.F.	607	232	1750	1860	1840	1750	1800

Water diverted 9840 A.F.

DAILY DIVERSIONS OF CANALS--1970
HARRIS-NEECE CANAL from Niobrara River
Measured through rating flume--Sec. 3-28-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	9	0	10	8	10	7
2	9	0	10	7	10	8
3	9	0	9	7	10	8
4	11	4	9	7	9	8
5	11	10	9	7	9	8
6	10	9	8	7	9	8
7	10	10	8	9	10	8
8	10	12	8	9	10	8
9	10	11	8	8	10	8
10	10	12	8	8	10	8
11	10	12	10	8	9	8
12	7	12	13	10	0	8
13	0	12	11	10	0	3
14	0	12	0	10	0	0
15	0	12	0	9	0	2
16	0	12	0	9	0	10
17	0	12	0	9	0	10
18	0	11	0	9	7	10
19	0	11	0	9	8	10
20	0	11	0	11	8	10
21	0	11	0	11	8	9
22	0	11	0	10	8	8
23	0	10	0	10	8	8
24	0	8	0	10	8	8
25	0	9	0	10	8	9
26	0	10	0	9	8	10
27	0	10	0	9	8	10
28	0	10	1	10	8	10
29	0	10	8	10	8	10
30	0	10	8	10	7	9
31	0	10	-	10	7	-
Mean	4	9	5	9	7	8
Max.	11	12	13	11	10	10
Min.	0	0	0	7	0	0
A.F.	230	580	270	560	430	480

Water diverted 2550 A.F.
Acreage reported D-517-600; A-2275-509;
Total-1109

DAILY DIVERSIONS OF CANALS--1970
GEO HITSHEW CANAL from Niobrara River
Measured through rating flume--Sec. 6-28-52 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	2	2	0	2
2	3	0	2	2	0	2
3	3	0	2	2	0	2
4	3	0	2	2	0	2
5	3	0	2	2	0	2
6	3	0	2	2	0	2
7	3	0	2	2	0	2
8	3	0	2	2	0	2
9	4	0	2	1	0	2
10	4	0	2	2	0	2
11	4	0	3	2	0	2
12	4	0	4	2	0	2
13	2	0	5	2	0	3
14	0	0	5	1	0	3
15	0	0	4	1	0	3
16	0	0	4	1	0	3
17	0	0	3	1	0	3
18	0	2	2	2	0	3
19	0	4	2	2	0	3
20	0	4	2	1	2	3
21	0	4	2	2	1	3
22	0	4	2	2	0	3
23	0	4	3	2	1	1
24	0	4	3	2	0	0
25	0	4	3	0	1	0
26	0	4	3	0	1	0
27	0	4	3	0	2	0
28	0	3	3	0	2	0
29	0	3	2	0	2	0
30	0	3	2	0	2	0
31	0	2	-	0	2	-
Mean	1	2	3	1	1	2
Max.	4	4	5	2	2	3
Min.	0	0	2	0	0	0
A.F.	80	100	160	80	30	110

Water diverted 560 A.F.
Acreage reported A-1260-181

DAILY DIVERSIONS OF CANALS--1970
HITSHEW PUMP NO. 2 from Niobrara River
Sec. 6-28-52 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	1	0	0	0	0
11	1	0	0	0	0
12	0	0	0	0	0
13	1	0	0	0	0
14	1	0	0	0	0
15	1	0	0	0	0
16	1	0	0	0	0
17	1	0	0	0	0
18	1	0	0	0	0
19	1	0	0	0	0
20	1	0	0	0	0
21	1	0	0	0	0
22	1	0	0	0	0
23	1	0	0	0	0
24	1	0	0	0	0
25	1	0	0	0	1
26	1	0	0	0	1
27	1	0	0	0	1
28	1	0	0	0	1
29	1	0	0	0	1
30	1	0	0	0	1
31	1	-	0	0	-
Mean	1	0	0	0	0
Max.	1	0	0	0	1
Min.	0	0	0	0	0
A.F.	40	0	0	0	10

Water pumped 50 A.F.
Acreage reported A-4862-42

DAILY DIVERSIONS OF CANALS--1970
HOFFMAN PUMP from Niobrara River
Sec. 3-28-55 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-5772-no report

DAILY DIVERSIONS OF CANALS--1970
HOMRIGHAUSEN PUMP from Niobrara River
Sec. 9-28-52 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.

Acres reported A-4869-175

DAILY DIVERSIONS OF CANALS--1970
HOOPER CANAL from Blue Creek--Measured
through 3-foot Parshall flume--Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	7	12	12	14
2	14	0	5	11	11	15
3	17	0	4	10	13	15
4	12	0	4	10	13	13
5	1	0	3	11	12	10
6	5	0	1	13	11	11
7	14	0	3	14	11	11
8	13	0	3	13	11	11
9	3	0	3	12	7	11
10	0	0	3	13	10	11
11	0	0	6	12	10	12
12	0	0	7	13	9	12
13	0	7	3	13	11	14
14	0	15	1	11	10	12
15	0	10	1	11	11	13
16	0	4	1	11	11	12
17	0	5	0	11	11	9
18	0	7	0	11	11	10
19	0	8	0	13	11	8
20	0	10	5	13	12	7
21	0	10	9	12	12	9
22	0	11	8	8	12	12
23	0	13	6	10	12	11
24	0	11	11	10	11	11
25	0	12	13	8	11	10
26	0	11	12	8	11	11
27	0	11	13	8	11	12
28	0	12	12	9	11	12
29	0	12	12	7	11	11
30	0	6	12	8	12	10
31	0	6	--	8	12	--
Mean	3	6	6	11	11	11
Max.	17	15	13	14	13	15
Min.	0	0	0	7	7	7
A.F.	180	360	330	660	680	670

Water diverted 2880 A.F.

Acres reported D-781-858; D-788R-19; Total-877

DAILY DIVERSIONS OF CANALS--1970
HOOVER PUMP from Niobrara River
Sec. 21-31-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	1	0
2	0	0	0	1	0
3	0	0	0	1	0
4	0	0	0	1	0
5	0	0	0	1	0
6	0	0	0	1	0
7	0	0	0	1	0
8	0	0	0	1	0
9	0	1	0	0	0
10	0	1	0	1	0
11	0	1	0	1	0
12	0	1	0	1	0
13	0	1	0	1	0
14	0	1	0	1	0
15	0	1	0	1	0
16	0	1	0	1	0
17	0	1	0	1	0
18	0	1	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	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	1	0
Max.	0	1	0	1	0
Min.	0	0	0	0	0
A.F.	0	20	0	40	0

Water pumped 60 A.F.

Acres reported D-510R-84

DAILY DIVERSIONS OF CANALS--1970
HUGHES CANAL from Niobrara River
Measured through rating flume--Sec. 1-28-52 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0.2	0	0	4	0	0.4
2	0.2	0	0	2	0	0.2
3	0.1	0	0	1	0	0
4	0	0	0	1	0	0.2
5	0.5	0	0	0.8	0	0.3
6	0.5	0	0	0.6	0	0.1
7	0.4	0	0	0.8	0	0.2
8	0.4	0	0	1	0	0.1
9	0.3	0	0.2	1	0	0
10	0.4	0	0.3	0.7	0	0
11	0.3	0	0.6	0.8	0	0
12	0.6	0	3	0.6	0	0
13	0.6	0	2	1	0	0.2
14	0.4	0	0.6	2	0	0.5
15	1	0	0.5	1	0	1
16	2	0	0.1	0.2	0	1
17	2	0	0	0	0	2
18	2	0	0	0	1	2
19	1	0	0	0	2	2
20	2	0	0	0	2	1
21	0.4	0	0	0	1	1
22	0	0	0	0	1	1
23	0	0	0	0	1	0.8
24	0	0	0	0	1	0.9
25	0	0	0	0	1	1
26	0	0	0	0	1	1
27	0	0	0	0	1	1
28	0	0	0	0	1	2
29	0	0	0	0	0.6	0.8
30	0	0	0.5	0	0.1	0.8
31	0	0	---	0	0.4	---
Mean	0	0	0	1	0	1
Max.	2	0	3	4	2	2
Min.	0	0	0	0	0	0
A.F.	30	0	20	40	30	40

Water diverted 160 A.F.

Acres reported D-987a-40; D-987b-20;
Total-60

DAILY DIVERSIONS OF CANALS--1970
 HURLEY-LILLY-POLLY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 26-15-56 W.

Date	May	June	July	Aug.	Sept.
1	0	1	2	4	0
2	0	1	1	4	0
3	0	1	2	4	0
4	0	1	2	4	5
5	0	1	2	0	4
6	0	4	2	0	4
7	0	4	2	2	4
8	0	4	2	3	5
9	0	4	2	3	4
10	0	4	3	3	4
11	0	4	2	3	4
12	0	4	2	4	5
13	0	0	0	4	4
14	0	0	0	4	5
15	0	1	0	2	4
16	0	1	0	0	0
17	0	1	5	5	0
18	0	1	0	4	0
19	4	0	5	4	0
20	4	0	5	5	0
21	4	0	5	4	0
22	5	0	5	5	0
23	5	0	5	5	0
24	5	0	5	5	0
25	5	1	5	4	0
26	5	0	5	5	0
27	4	0	5	0	0
28	4	0	4	0	0
29	5	0	5	0	0
30	5	2	5	0	0
31	1	-	5	0	-
Mean	2	1	3	3	2
Max.	5	4	5	5	5
Min.	0	0	0	0	0
A.F.	110	80	180	170	100

Water diverted 640 A.F.
 Acreage reported D-354-180

DAILY DIVERSIONS OF CANALS--1970
 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	866	0	932	1350	1600	1977	1973
2	874	0	932	1350	1798	1977	1967
3	882	0	932	1350	1894	1983	1964
4	885	0	935	1353	1907	1987	1957
5	890	0	935	1357	1990	1987	1878
6	896	0	935	1357	1888	1987	1865
7	902	0	932	1363	1960	1983	1861
8	907	0	932	1363	1967	1987	1855
9	907	0	935	1363	1973	1987	1825
10	907	0	938	1363	1977	1987	1772
11	882	0	952	1269	2043	1983	1775
12	589	0	1047	682	2043	1977	1733
13	187	0	1170	485	2046	1977	1656
14	0	60	1204	141	2039	1973	1581
15	0	519	1204	0	2036	1973	1581
16	0	781	1251	0	2036	1970	1587
17	0	938	1344	0	2030	1970	1571
18	0	946	1485	0	2030	1977	1518
19	0	941	1571	0	2030	1983	1514
20	0	935	1581	0	2026	1997	1511
21	0	932	1584	0	2023	2000	1505
22	0	932	1581	0	2036	2000	1505
23	0	932	1498	0	2036	1993	1505
24	0	932	1501	0	1954	1987	1505
25	0	930	1505	0	1950	1990	1505
26	0	927	1508	341	1940	1987	1498
27	0	927	1508	612	1973	1983	1488
28	0	927	1498	983	1970	1980	1140
29	0	930	1447	1028	1964	1977	907
30	0	930	1399	1488	1967	1980	932
31	0	---	1347	---	1970	1977	---
Mean	341	481	1243	687	1971	1983	1614
Max.	907	946	1584	1488	2046	2000	1973
Min.	0	0	932	0	1600	1970	907
A.F.	20970	28600	76410	40860	121180	121940	96070

Water diverted 506030 A.F.
 Acreage reported A-768 Nebr-111700; A-768 Wyo-13375;
 Total-125075

DAILY DIVERSIONS OF CANALS--1970
 JOHNSON CANAL from Niobrara River--Measured
 through 1½-foot Parshall flume--Sec. 35-31-57 W.

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

Water diverted 160 A.F.
 Acreage reported D-511R-146

DAILY DIVERSIONS OF CANALS--1970
KEARNEY CANAL from Platte River
Measured through Parshall flume--Sec. 33-9-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	258	14	265	0	0	0	272	205	195	332	197	289
2	222	13	236	0	0	0	267	108	191	334	191	276
3	130	12	247	0	0	0	218	157	214	322	292	276
4	30	10	260	0	0	0	179	234	251	308	339	256
5	27	34	224	0	0	0	212	251	179	312	317	251
6	21	30	168	0	0	0	278	278	106	315	303	232
7	20	15	102	0	0	0	278	287	130	322	244	224
8	22	41	100	0	0	0	280	242	226	324	177	301
9	27	38	98	0	0	0	283	136	228	308	212	283
10	27	36	95	0	0	0	207	203	214	247	234	287
11	27	43	94	0	0	0	104	285	244	228	201	263
12	26	106	94	0	0	0	148	280	244	226	265	212
13	24	144	92	0	0	0	218	278	82	298	301	214
14	24	142	89	0	0	0	224	278	117	320	238	263
15	25	144	90	0	0	0	265	230	294	317	155	265
16	26	185	27	0	0	82	269	118	278	312	144	301
17	29	256	0	0	0	155	212	170	267	287	203	310
18	31	122	0	0	0	153	151	283	263	234	201	258
19	33	144	0	0	0	130	191	269	214	260	195	118
20	32	242	0	0	0	125	263	272	124	305	199	77
21	30	205	0	0	0	118	256	285	144	305	201	66
22	30	157	0	0	0	141	251	234	276	289	201	66
23	28	191	0	0	0	216	265	113	310	276	207	65
24	26	238	0	0	0	256	170	139	344	256	240	61
25	26	240	0	0	0	251	79	191	276	201	256	61
26	25	236	0	0	0	263	164	214	238	207	324	60
27	25	234	0	0	0	228	285	251	232	224	339	67
28	21	214	0	0	0	185	230	144	232	212	267	65
29	17	162	0	0	-	201	228	80	310	199	242	67
30	16	189	0	0	-	274	226	86	339	238	247	63
31	16	---	0	0	-	272	---	100	---	209	274	--
Mean	43	128	74	0	0	98	222	206	225	275	239	187
Max.	258	256	265	0	0	274	285	287	344	334	339	310
Min.	16	10	0	0	0	0	79	80	82	199	144	60
A.F.	2620	7610	4520	0	0	6050	13240	12700	13410	16910	14690	11100

Water diverted 102850 A.F.

Acreage reported D-1023-3992; A-8399-1688; A-9844-1027; A-10168-320; Total-7027

DAILY DIVERSIONS OF CANALS--1970
KEARNEY IRRIGATION CANAL from Platte River
Measured through Parshall flume--Sec. 33-9-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	69	87	78
2	0	0	87	92	65
3	0	0	122	123	44
4	0	0	131	59	14
5	0	0	125	35	56
6	0	0	74	44	2
7	0	0	92	29	56
8	0	0	109	29	53
9	0	0	87	97	8
10	0	0	68	23	40
11	0	0	79	51	21
12	0	0	80	119	32
13	0	0	107	46	55
14	0	0	78	8	21
15	0	0	77	42	17
16	0	0	90	73	36
17	0	22	76	80	31
18	0	37	84	56	0
19	0	0	111	64	0
20	0	25	94	68	18
21	0	48	83	80	28
22	0	80	72	51	26
23	0	42	62	66	21
24	0	58	26	85	16
25	0	0	50	72	12
26	0	32	59	105	16
27	0	72	61	75	18
28	0	93	59	27	20
29	0	100	69	48	24
30	0	76	93	89	20
31	0	--	78	59	--
Mean	0	23	82	64	28
Max.	0	100	131	123	78
Min.	0	0	26	8	0
A.F.	0	1360	5060	3930	1680

Water diverted 12030 A.F.

DAILY DIVERSIONS OF CANALS--1970
 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	244	1	159	0	0	0	265	156	134	243	102	195
2	226	1	134	0	0	0	237	100	156	229	92	195
3	175	0	160	0	0	0	248	87	159	185	157	215
4	32	1	175	0	0	0	177	196	217	164	259	224
5	20	1	189	0	0	0	174	219	195	173	261	181
6	7	26	117	0	0	0	275	240	77	223	240	213
7	3	14	78	0	0	0	273	245	65	213	199	156
8	2	14	74	0	0	0	269	234	154	199	137	230
9	5	32	78	0	0	0	261	117	188	205	107	255
10	7	31	74	0	0	0	262	104	167	166	195	229
11	8	34	9	0	0	0	104	240	215	138	139	224
12	11	43	0	0	0	0	102	247	244	135	135	167
13	11	97	0	0	0	0	201	238	102	177	236	147
14	7	86	0	0	0	0	170	238	60	224	213	224
15	13	85	0	0	0	0	240	247	194	222	105	230
16	14	88	0	0	0	0	237	100	244	206	66	245
17	14	181	0	0	0	95	236	78	227	195	114	258
18	15	160	0	0	0	157	159	209	209	139	134	262
19	27	22	0	0	0	124	130	236	216	138	121	133
20	22	198	0	0	0	120	226	210	92	195	121	55
21	18	205	0	0	0	111	227	243	89	206	112	35
22	15	116	0	0	0	112	220	254	182	201	139	37
23	14	100	0	0	0	178	224	96	248	198	131	41
24	10	167	0	0	0	231	231	73	265	213	143	42
25	10	180	0	0	0	226	56	152	258	140	170	45
26	10	134	0	0	0	237	64	160	191	137	203	41
27	11	140	0	0	0	233	222	202	148	151	244	45
28	10	138	0	0	0	191	187	191	129	142	222	42
29	8	85	0	0	0	177	167	56	194	120	180	40
30	6	78	0	0	-	237	156	51	243	134	146	40
31	3	--	0	0	-	272	---	51	---	121	199	--
Mean	32	82	40	0	0	87	200	170	175	178	162	148
Max.	244	205	189	0	0	272	275	254	265	243	261	262
Min.	2	0	0	0	0	0	56	51	60	120	92	35
A.F.	1940	4880	2470	0	0	5360	11900	10450	10440	10970	9960	8820

Water returned 77190 A.F.

DAILY DIVERSIONS OF CANALS--1970
 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	39	0	62	0	109	89
2	50	0	62	0	106	84
3	53	0	62	24	97	82
4	39	0	62	106	102	83
5	42	0	63	111	105	83
6	32	0	63	116	104	82
7	19	0	62	115	104	83
8	26	0	63	113	107	82
9	27	0	64	118	105	83
10	28	0	77	114	97	81
11	29	0	75	110	98	83
12	9	0	58	99	71	81
13	2	0	40	98	64	79
14	2	0	36	99	88	76
15	2	0	52	104	84	74
16	2	0	59	111	83	73
17	1	0	58	115	80	72
18	0	7	65	111	82	70
19	0	53	58	109	80	70
20	0	52	59	107	82	71
21	0	51	47	106	97	71
22	0	51	59	105	95	69
23	0	49	69	106	93	68
24	0	49	64	104	92	71
25	0	45	58	104	92	69
26	0	39	71	108	93	67
27	0	53	82	107	89	67
28	0	62	75	112	89	60
29	0	63	84	114	101	53
30	0	61	33	116	95	54
31	0	63	--	109	95	--
Mean	13	23	61	99	93	74
Max.	53	63	84	118	109	89
Min.	0	0	33	0	64	53
A.F.	800	1380	3650	6090	5710	4420

Water diverted 22050 A.F.
 Acreage reported D-722-6092

DAILY DIVERSIONS OF CANALS--1970
 KIMBALL CANAL from Lodgepole Creek
 Measured through section of canal--Sec. 36-15-57 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	31	0
6	0	0	0	37	0
7	0	0	0	34	0
8	0	0	0	31	0
9	0	0	16	37	0
10	0	0	16	38	0
11	0	0	32	37	0
12	0	0	31	36	0
13	0	0	34	35	0
14	0	0	32	37	0
15	0	0	37	36	0
16	0	0	42	30	0
17	0	0	43	10	0
18	0	0	42	10	0
19	0	0	0	37	0
20	0	0	0	38	0
21	0	0	0	0	0
22	0	0	26	0	0
23	0	0	28	0	0
24	0	0	29	0	0
25	0	0	10	0	0
26	0	0	12	0	0
27	0	0	26	0	0
28	0	0	25	0	0
29	0	0	24	0	0
30	0	0	25	0	0
31	0	-	0	0	-
Mean	0	0	17	17	0
Max.	0	0	43	38	0
Min.	0	0	0	0	0
A.F.	0	0	1050	1020	0

Water diverted 2070 A.F.
 Acreage reported A-897-3785

DAILY DIVERSIONS OF CANALS--1970
 LABELLE CANAL from Niobrara River--Measured
 through rating flume--Sec. 6-28-54 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	4	6	0	6	2	2	0
2	4	6	0	5	2	2	0
3	6	6	0	5	2	3	0
4	8	6	2	5	2	3	0
5	5	6	4	4	2	6	0
6	5	6	6	4	2	6	0
7	4	6	6	4	2	4	0
8	4	6	5	4	2	2	0
9	4	6	4	6	2	2	0
10	4	6	4	8	2	2	0
11	4	6	4	7	2	2	0
12	4	3	4	6	2	0	0
13	6	0	4	6	2	0	0
14	6	0	2	6	2	2	0
15	6	0	3	0	3	4	0
16	6	0	4	0	5	4	0
17	6	0	5	0	6	4	0
18	6	0	5	0	6	5	0
19	6	0	4	0	4	2	0
20	6	0	4	0	3	1	0
21	6	0	4	0	2	1	0
22	6	0	5	0	2	1	3
23	6	0	6	0	2	3	3
24	6	0	6	0	2	4	4
25	6	0	6	0	2	4	4
26	5	0	6	3	4	0	4
27	5	0	5	6	4	0	4
28	5	0	5	7	2	0	4
29	5	0	5	4	2	0	3
30	5	0	5	2	2	0	3
31	6	-	5	-	2	0	-
Mean	5	2	4	3	3	2	1
Max.	6	6	6	8	6	6	4
Min.	4	0	0	0	2	0	0
A.F.	330	140	250	190	160	140	60

Water diverted 1270 A.F.
 Acreage reported D-518-140; A-60-220; Total-360

DAILY DIVERSIONS OF CANALS--1970
 LAKOTAH CANAL from Niobrara River--Measured
 through 2-foot Parshall flume--Sec. 1-30-57 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	3	5	0	3	4	2	2
2	3	5	0	3	3	2	2
3	3	3	0	3	3	2	2
4	3	0	1	3	3	2	2
5	3	0	4	3	3	2	2
6	3	0	3	3	3	2	2
7	4	0	3	3	3	2	2
8	4	0	3	3	3	2	2
9	4	0	3	3	3	2	2
10	4	0	3	2	3	2	2
11	4	0	3	2	3	2	2
12	4	0	3	4	3	2	2
13	5	0	3	5	2	2	3
14	5	0	3	5	2	2	3
15	4	0	3	4	2	2	4
16	4	0	3	5	2	2	4
17	4	0	3	4	2	2	3
18	5	0	3	4	2	2	3
19	5	0	3	4	2	2	3
20	5	0	3	4	2	2	2
21	5	0	3	4	2	2	2
22	5	0	3	4	3	2	3
23	4	0	3	4	3	2	3
24	6	0	3	4	3	2	3
25	5	0	4	4	3	2	4
26	5	0	3	4	3	2	4
27	5	0	3	4	3	2	4
28	5	0	3	4	3	2	4
29	5	0	3	4	3	2	3
30	5	0	3	4	3	2	3
31	5	-	3	-	3	2	-
Mean	4	0	3	4	3	2	3
Max.	6	5	4	4	4	2	4
Min.	3	0	0	2	2	2	2
A.F.	270	30	170	220	170	120	160

Water diverted 1140 A.F.
 Acreage reported D-554-410

DAILY DIVERSIONS OF CANALS--1970
 LAST CHANCE CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 27-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	7	11	5	7
2	0	7	10	4	7
3	0	7	10	4	6
4	0	7	10	4	6
5	0	7	10	4	4
6	0	7	10	4	4
7	0	7	10	4	4
8	0	7	9	4	4
9	0	7	10	4	4
10	0	7	4	5	4
11	0	3	2	5	4
12	0	0	3	5	3
13	0	2	3	5	3
14	0	3	2	5	3
15	0	2	2	5	2
16	0	3	2	5	2
17	0	3	2	5	3
18	0	0	2	5	3
19	3	0	3	4	3
20	6	0	4	6	3
21	7	0	4	6	4
22	8	0	4	6	4
23	7	0	4	6	4
24	7	0	5	6	4
25	8	0	5	6	4
26	8	0	4	6	4
27	9	0	5	6	3
28	9	0	5	6	3
29	8	0	5	6	3
30	8	1	5	6	3
31	7	-	5	6	-
Mean	3	3	5	5	4
Max.	9	7	11	6	7
Min.	0	0	2	4	2
A.F.	190	170	340	310	230

Water diverted 1240 A.F.
 Acreage reported D-883-330

DAILY DIVERSIONS OF CANALS--1970
 LICHTE CANAL from Niobrara River--Measured
 through Parshall flume--Sec. 27-29-48 W.

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

Water diverted 540 A.F.
 Acreage reported D-479-101; A-1086-207;
 A-1088-31; A-1152-17; A-2523-65; A-2837R-
 102; A-3592-46; Total-569

DAILY DIVERSIONS OF CANALS--1970
LISCO CANAL from North Platte River
Measured over weir--Sec. 14-18-47 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	55	0	35	43	54	41
2	55	0	29	50	53	46
3	50	0	24	43	50	49
4	39	0	23	39	50	49
5	33	5	18	57	44	32
6	32	25	11	52	42	34
7	29	29	9	48	38	46
8	27	18	8	42	33	44
9	12	0	11	32	35	30
10	0	0	15	24	39	29
11	0	0	23	8	41	27
12	0	0	18	0	45	48
13	0	0	13	0	48	35
14	0	0	21	37	49	38
15	0	0	14	67	39	33
16	0	0	0	56	43	8
17	0	0	0	51	43	0
18	0	0	0	48	51	0
19	0	0	0	46	48	0
20	0	0	0	50	48	0
21	0	0	0	67	52	0
22	0	13	0	53	50	0
23	0	28	0	46	47	0
24	0	27	0	36	48	0
25	0	21	21	33	51	0
26	0	21	21	35	44	0
27	0	17	22	32	41	0
28	0	25	29	30	43	0
29	0	21	30	41	44	0
30	0	20	44	56	48	13
31	0	30	--	50	46	--
Mean	11	10	15	41	45	20
Max.	55	30	44	67	54	49
Min.	0	0	0	0	33	0
A.F.	660	600	870	2520	2790	1190

Water diverted 8630 A.F.
Acreage reported D-787R-1158; D-856-1391; A-243R-783; A-991-216; A-4658-112; A-5572-98;
Total-3758

DAILY DIVERSIONS OF CANALS--1970
McGINLEY-STOVER CANAL (North) from Niobrara River
Measured through rating flume--Sec. 25-29-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0.8	0	5	2	0	0
2	1	0	5	2	0	0
3	1	0	5	1	0	0
4	0.9	0	5	1	0	0
5	0.6	0	5	1	0	0
6	0.6	0	5	1	0	0
7	0.6	0	5	2	0	0
8	0.8	0	5	2	0	0
9	0.9	0	5	2	0	0
10	0.4	0	4	1	0	0
11	0	0	5	0	0	0
12	0	0	6	0	0	0
13	0	0	5	0	0	0
14	0	0	4	0	0	0
15	0	0	4	0	0	0
16	0	0	3	0	0	0
17	0	0	3	0	0	0
18	0	0	3	0	0	0
19	0	0	3	0	0	0
20	0	0	3	0	0	0
21	0	0	3	0	0	0
22	0	2	2	0	0	0
23	0	5	2	0	0	0
24	0	6	2	0	0	0
25	0	8	2	0	0	0
26	0	8	2	0	0	0
27	0	6	2	0	0	0
28	0	4	2	0	0	0
29	0	4	2	0	0	0
30	0	5	2	0	0	0
31	0	5	-	0	0	-
Mean	0	2	4	0	0	0
Max.	1	8	6	2	0	0
Min.	0	0	2	0	0	0
A.F.	20	110	220	30	0	0

Water diverted 380 A.F.
Acreage reported D-513a-575

DAILY DIVERSIONS OF CANALS--1970
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	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	3
17	0	0	0	0	3
18	0	0	0	0	3
19	0	0	0	0	3
20	0	0	0	0	3
21	0	0	0	0	3
22	0	0	0	0	3
23	0	0	0	0	3
24	0	0	0	0	3
25	0	0	0	0	3
26	0	0	0	0	3
27	0	0	0	0	3
28	0	0	0	0	3
29	0	0	0	0	3
30	0	0	0	0	3
31	0	-	0	0	-
Mean	0	0	0	0	2
Max.	0	0	0	0	3
Min.	0	0	0	0	0
A.F.	0	0	0	0	90

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

DAILY DIVERSIONS OF CANALS--1970
McINTOSH CANAL from Lodgepole Creek
Measured through rating flume--Sec. 23-15-55 W.

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

Water diverted 130 A.F.
Acreage reported D-351-176; A-734-122;

DAILY DIVERSIONS OF CANALS--1970
McLAUGHLIN CANAL from Niobrara River
Measured through rating flume--Sec. 9-28-52 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	3	5	3	3
2	2	0	3	4	3	3
3	2	0	3	5	3	3
4	3	0	3	5	3	3
5	3	0	3	5	3	3
6	3	0	2	5	3	3
7	3	0	2	5	3	3
8	3	0	2	5	3	3
9	4	0	3	5	3	3
10	4	0	3	5	3	3
11	4	0.4	3	5	3	3
12	5	0.4	3	5	3	3
13	5	0.3	0	5	3	3
14	5	0.6	0	4	2	3
15	2	0.6	0	4	0	3
16	0	0.4	0	4	0	3
17	0	0.4	0	4	0	4
18	0	0.2	0	3	0	4
19	0	0	0	3	0	3
20	0	0	0	4	0	3
21	0	0	2	4	0	3
22	0	0	5	3	0	2
23	0	0	4	3	1	3
24	0	0	5	3	2	3
25	0	0	5	3	2	3
26	0	0	5	3	2	3
27	0	0	5	3	2	3
28	0	1	5	3	2	3
29	0	3	5	3	2	3
30	0	3	5	3	2	3
31	0	3	-	3	3	-
Mean	2	0	3	4	2	3
Max.	5	3	5	5	3	4
Min.	0	0	0	3	0	2
A.F.	100	30	160	250	120	180

Water diverted 840 A.F.
Acreage reported D-566-500

DAILY DIVERSIONS OF CANALS--1970
MEEKER-DRIFTWOOD CANAL from Republican River
Measured through 12-foot Parshall flume--Sec. 8-2-33 W.

Date	May	June	July	Aug.	Sept.
1	0	32	274	249	147
2	0	30	304	249	146
3	0	29	326	270	138
4	0	30	334	286	116
5	63	30	333	296	108
6	59	35	335	298	108
7	59	40	335	298	108
8	59	47	335	298	97
9	47	54	335	297	88
10	40	54	335	291	86
11	40	33	334	286	86
12	40	0	334	276	82
13	40	0	334	260	80
14	40	0	334	242	71
15	49	0	333	238	67
16	56	0	333	240	60
17	56	0	330	242	55
18	56	0	330	240	50
19	61	0	330	236	49
20	65	0	322	228	49
21	66	11	308	199	49
22	66	49	293	180	49
23	66	55	293	178	46
24	66	60	274	171	40
25	59	81	266	172	32
26	55	96	266	175	29
27	49	100	260	175	26
28	42	100	252	164	24
29	40	134	255	159	24
30	40	213	255	159	24
31	40	---	249	154	---
Mean	46	44	307	232	71
Max.	66	213	335	298	147
Min.	0	0	249	154	24
A.F.	2810	2600	18900	14290	4230

Water diverted 42830 A.F.
Acreage reported D-4, 9, 8 & 7-2903;
A-3869bR-3873; A-3887cR-97; A-6213-9911;
A-9690-251; A-9911-624; Total-17659

DAILY DIVERSIONS OF CANALS--1970
MEREDITH-AMMER CANAL from Pumpkinseed Creek
Measured through rating flume--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	7	9	5	2
2	0	6	8	5	2
3	0	7	7	6	2
4	0	6	7	7	2
5	0	6	7	7	2
6	0	6	7	7	2
7	0	6	7	6	2
8	0	7	7	6	2
9	0	3	7	6	2
10	0	1	7	7	2
11	0	0	6	7	2
12	0	0	6	7	2
13	0	0	6	7	0
14	0	0	6	7	0
15	0	0	6	6	0
16	0	0	6	6	0
17	0	0	6	7	0
18	0	0	6	7	0
19	0	0	6	7	0
20	0	0	5	7	0
21	0	0	5	7	0
22	0	0	5	3	0
23	0	0	5	1	0
24	0	0	5	2	0
25	0	0	6	1	0
26	3	12	6	2	0
27	6	12	6	2	0
28	6	8	6	2	0
29	6	9	6	2	0
30	6	9	5	2	0
31	6	-	5	2	-
Mean	1	4	6	5	1
Max.	6	12	9	7	2
Min.	0	0	5	1	0
A.F.	60	210	380	310	50

Water diverted 1010 A.F.
Acreage reported D-876-470

DAILY DIVERSIONS OF CANALS--1970
METTLEN CANAL from Niobrara River--Measured
through rating flume--Sec. 4-28-54 W.

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

Water diverted 410 A.F.
Acreage reported A-292-342; A-1248-32;

DAILY DIVERSIONS OF CANALS--1970

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	18	32	48	28
2	0	17	30	48	28
3	0	19	34	33	26
4	0	21	35	26	26
5	0	20	37	24	27
6	0	20	41	24	26
7	0	20	42	23	26
8	0	20	45	21	26
9	0	19	44	24	26
10	0	20	45	32	26
11	22	22	49	33	15
12	29	21	49	36	0
13	22	19	44	37	0
14	23	19	40	37	0
15	22	20	35	38	0
16	18	19	35	37	0
17	20	17	34	37	0
18	20	15	39	36	0
19	20	12	36	40	0
20	25	14	35	39	0
21	26	13	46	39	0
22	21	14	47	37	0
23	20	9	47	36	0
24	20	0	48	34	0
25	19	0	48	31	0
26	20	0	48	28	0
27	20	0	48	31	0
28	20	0	48	29	0
29	18	14	48	27	0
30	18	27	48	28	0
31	20	--	49	28	-
Mean	14	15	42	33	9
Max.	29	27	49	48	28
Min.	0	0	30	21	0
A.F.	880	890	2590	2030	560

Water diverted 6950 A.F.
Acreage reported A-2293-2356; A-2678-0; A-3979a-748; A-3981a-220; A-8692-0; A-8930-63; Total-3387

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	24	34	49	37
2	0	24	37	45	39
3	0	24	58	36	36
4	0	25	59	34	34
5	0	25	58	32	31
6	0	25	58	27	31
7	0	25	58	27	27
8	0	26	60	27	25
9	0	27	62	26	24
10	0	27	64	28	23
11	0	27	68	30	22
12	0	21	66	32	22
13	0	23	53	36	20
14	0	22	46	40	18
15	0	22	43	41	18
16	0	23	43	42	6
17	0	23	44	41	0
18	24	22	48	38	0
19	30	21	49	42	0
20	32	21	48	44	0
21	32	20	49	50	0
22	30	19	50	46	0
23	29	10	48	43	0
24	27	0	50	39	0
25	26	0	50	30	0
26	24	0	49	30	0
27	24	0	44	31	0
28	26	0	47	31	0
29	24	20	48	30	0
30	23	31	48	31	0
31	23	--	50	35	-
Mean	12	19	51	36	14
Max.	32	31	68	50	39
Min.	0	0	34	26	0
A.F.	740	1140	3150	2210	820

Water diverted 8060 A.F.
Acreage reported A-2293-2542; A-2678-189; A-3979b-1342; A-3981b-144; A-4131-0; A-6623-25; Total-4242

DAILY DIVERSIONS OF CANALS--1970

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	37	100	117	66
2	0	31	97	70	59
3	0	28	99	43	57
4	0	28	104	38	52
5	0	23	106	34	48
6	0	19	106	35	47
7	0	19	105	35	47
8	0	20	114	35	42
9	0	25	122	36	39
10	0	26	127	36	35
11	30	27	126	41	31
12	73	25	117	57	31
13	52	22	70	75	32
14	37	21	45	83	32
15	30	20	57	88	32
16	28	22	66	89	14
17	31	22	66	95	0
18	39	22	72	96	0
19	41	21	77	99	0
20	42	20	76	97	0
21	47	20	82	99	0
22	48	19	90	89	0
23	46	18	86	80	0
24	46	24	79	77	0
25	46	35	68	67	0
26	43	35	61	60	0
27	41	39	65	63	0
28	40	48	75	65	0
29	37	61	86	66	0
30	36	90	101	66	0
31	37	--	117	67	-
Mean	28	29	89	68	22
Max.	73	90	127	117	66
Min.	0	18	45	34	0
A.F.	1730	1720	5480	4160	1320

Water diverted 14410 A.F.
Acreage reported A-2293-4227; A-2678-110; A-3979c-5663; A-3981c-82; A-4360-70; Total-10202

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	36	116	126	66
2	0	34	117	95	58
3	0	31	124	61	54
4	0	31	134	44	51
5	0	30	132	39	42
6	0	9	134	37	44
7	0	0	132	36	43
8	0	0	126	35	44
9	0	0	122	35	43
10	0	29	120	35	37
11	0	49	122	38	31
12	0	41	108	61	31
13	0	32	80	70	31
14	8	32	64	86	31
15	45	31	55	100	31
16	63	30	48	103	13
17	62	28	56	103	0
18	55	28	70	98	0
19	45	27	74	103	0
20	40	26	89	90	0
21	41	25	112	89	0
22	41	24	127	82	0
23	41	26	123	74	0
24	41	40	122	63	0
25	42	50	121	60	0
26	42	62	110	61	0
27	40	72	108	65	0
28	39	85	109	68	0
29	38	96	119	68	0
30	37	112	121	68	0
31	36	---	129	68	-
Mean	24	37	107	70	22
Max.	63	112	134	126	66
Min.	0	0	48	35	0
A.F.	1500	2210	6590	4280	1290

Water diverted 15870 A.F.
Acreage reported A-2293-5970; A-2678-84; A-3979d-1436; A-3981d-127; A-5139-103; A-10161-307; A-10175-56; Total-8083

DAILY DIVERSIONS OF CANALS--1970

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	9	10	7	4
2	0	6	4	9	9
3	0	7	5	13	8
4	0	10	3	12	6
5	0	10	3	8	4
6	0	9	3	13	4
7	0	9	2	12	4
8	0	9	2	11	4
9	0	9	1	11	5
10	0	9	2	11	4
11	0	11	2	9	6
12	0	12	0	5	1
13	5	8	5	4	0
14	9	7	12	3	0
15	11	7	14	3	0
16	6	10	14	5	0
17	8	10	10	5	0
18	7	9	6	2	0
19	5	7	8	4	0
20	6	7	6	2	0
21	11	7	7	4	0
22	9	7	5	5	0
23	5	5	3	6	0
24	7	4	4	5	0
25	7	0	5	5	0
26	7	0	6	2	0
27	8	0	7	3	0
28	8	0	7	4	0
29	8	0	7	3	0
30	7	9	7	2	0
31	9	-	5	3	-
Mean	5	7	6	6	2
Max.	11	12	14	13	9
Min.	0	0	1	2	0
A.F.	280	410	350	380	120

Water returned 1540 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	11	4	8	6
2	0	11	1	16	3
3	0	11	5	16	6
4	0	11	2	17	11
5	0	11	1	16	10
6	0	12	3	11	10
7	0	11	4	9	10
8	0	13	2	10	9
9	0	12	1	6	10
10	0	13	1	4	10
11	0	15	2	5	9
12	0	13	2	7	9
13	0	14	12	8	8
14	0	14	15	8	8
15	0	12	16	9	11
16	0	13	13	10	10
17	0	13	8	11	3
18	0	11	8	5	1
19	0	11	12	5	0
20	7	12	12	2	0
21	13	12	13	6	0
22	12	12	13	7	0
23	10	14	9	9	0
24	12	4	8	12	0
25	13	2	12	8	0
26	12	0	13	8	0
27	12	0	11	5	0
28	12	0	9	5	0
29	12	0	9	6	0
30	10	4	7	5	0
31	10	-	6	7	-
Mean	4	10	8	8	5
Max.	13	15	16	17	11
Min.	0	0	1	2	0
A.F.	270	580	460	520	290

Water returned 2120 A.F.

DAILY DIVERSIONS OF CANALS--1970

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

Date	May	June	July	Aug.	Sept.
1	0	15	3	6	13
2	0	16	1	12	11
3	0	12	1	14	13
4	0	11	1	20	13
5	0	11	0	17	12
6	0	7	2	16	13
7	0	5	1	18	16
8	0	5	1	18	21
9	0	5	2	16	16
10	0	8	2	13	16
11	0	8	12	4	13
12	0	8	12	3	11
13	0	5	17	9	14
14	0	3	14	8	15
15	2	3	13	2	15
16	4	7	23	5	15
17	1	5	22	9	3
18	2	9	16	12	0
19	3	10	16	11	0
20	2	12	14	12	0
21	3	10	10	10	0
22	5	10	7	13	0
23	6	7	10	14	0
24	9	4	12	15	0
25	10	6	9	15	0
26	11	6	5	5	0
27	10	1	5	5	0
28	11	7	2	5	0
29	14	3	1	5	0
30	13	0	5	7	0
31	14	-	1	9	-
Mean	4	7	8	11	8
Max.	14	16	23	20	21
Min.	0	0	0	3	0
A.F.	240	430	480	650	460

Water returned 2260 A.F.

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	16	3	9	12
2	0	16	2	15	12
3	0	12	2	16	12
4	0	11	1	17	12
5	0	11	3	15	11
6	0	8	4	12	8
7	0	7	3	13	14
8	0	0	1	13	15
9	0	0	2	11	18
10	0	0	2	13	19
11	0	0	8	7	11
12	0	22	15	7	8
13	0	14	27	16	6
14	0	10	23	3	9
15	0	11	24	6	11
16	0	10	18	7	11
17	0	8	10	10	7
18	19	9	16	8	1
19	19	8	11	3	0
20	11	8	5	7	0
21	11	8	2	4	0
22	11	7	8	13	0
23	11	5	9	12	0
24	13	6	8	9	0
25	12	8	6	5	0
26	12	9	10	3	0
27	11	4	9	2	0
28	11	4	3	2	0
29	11	9	2	6	0
30	12	6	2	8	0
31	15	-	4	10	-
Mean	6	8	8	9	7
Max.	19	22	24	17	19
Min.	0	0	1	2	0
A.F.	360	490	480	560	390

Water returned 2280 A.F.

DAILY DIVERSIONS OF CANALS--1970

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1970

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	880	890	2590	2030	560	6950
Canal No. 2.....	740	1140	3150	2210	820	8060
Canal No. 3.....	1730	1720	5480	4160	1320	14410
Canal No. 4.....	1500	2210	6590	4280	1290	15870
Total diversion.....	4850	5960	17810	12680	3990	45290
Returned through spillways:						
Canal No. 1.....	280	410	350	380	120	1540
Canal No. 2.....	270	580	460	520	290	2120
Canal No. 3.....	240	430	480	650	460	2260
Canal No. 4.....	360	490	480	560	390	2280
Total returned.....	1150	1910	1770	2110	1260	8200
Net diversion.....	3700	4050	16040	10570	2730	37090

DAILY DIVERSIONS OF CANALS--1970
MIDLAND-OVERLAND CANAL from North Platte River
Measured through Parshall flume--Sec. 2-16-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	20	11	9
2	12	0	5	19	11	10
3	15	0	10	17	11	9
4	16	0	10	15	11	7
5	18	0	10	18	11	7
6	17	0	10	21	12	8
7	16	0	9	19	11	8
8	7	0	8	18	11	8
9	2	0	9	17	11	7
10	0	0	10	20	11	7
11	0	0	7	17	10	6
12	0	0	8	14	10	4
13	0	0	11	7	9	2
14	0	0	12	5	8	4
15	0	0	10	3	9	4
16	0	0	10	1	8	4
17	0	0	10	1	8	4
18	0	0	10	0	6	5
19	0	0	11	0	7	7
20	0	0	11	0	7	7
21	0	0	11	9	8	8
22	0	0	11	15	9	7
23	0	0	11	14	8	7
24	0	0	11	14	8	6
25	0	0	12	13	8	5
26	0	0	13	13	6	6
27	0	0	13	13	7	6
28	0	6	13	13	8	7
29	0	4	16	12	8	8
30	0	0	21	11	7	9
31	0	0	--	11	8	--
Mean	4	0	10	12	9	7
Max.	18	6	21	21	12	10
Min.	0	0	0	0	6	2
A.F.	220	20	620	730	550	390

Water diverted 2530 A.F.
Acreage reported D-789-1000; D-791-1104;
D-800 (A-1742 O.D.)-184; Total-2288

DAILY DIVERSIONS OF CANALS--1970
MINATARE CANAL from North Platte River
Measured through rating flume--Sec. 32-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	47	0	68	99	92	94
2	34	0	70	105	97	81
3	14	0	71	108	101	69
4	28	0	71	102	110	69
5	29	0	72	97	113	70
6	27	0	68	94	112	73
7	23	0	74	95	113	73
8	22	0	70	122	109	71
9	22	0	71	114	109	63
10	22	0	73	113	95	62
11	22	0	48	112	88	61
12	22	0	26	110	91	58
13	22	0	12	106	88	53
14	10	0	0	96	96	47
15	0	0	0	84	105	45
16	0	0	10	100	99	50
17	0	0	32	108	97	53
18	0	0	20	106	97	53
19	0	0	13	109	96	52
20	0	0	18	92	100	53
21	0	28	19	91	102	52
22	0	39	19	97	101	48
23	0	46	11	88	97	44
24	0	43	23	89	95	44
25	0	48	47	95	97	46
26	0	59	66	92	95	44
27	0	73	72	95	92	43
28	0	85	63	86	80	39
29	0	80	71	97	77	42
30	0	66	92	96	80	39
31	0	66	--	90	69	--
Mean	11	20	44	100	97	56
Max.	47	85	92	122	113	94
Min.	0	0	0	84	69	39
A.F.	680	1260	2720	6120	5940	3350

Water diverted 20070 A.F.
Acreage reported D-919-9372

DAILY DIVERSIONS OF CANALS--1970
MIRAGE FLATS CANAL from Niobrara River--Measured
through 10-foot Parshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	2	0	133	61
2	0	2	61	136	61
3	0	2	98	137	62
4	0	1	97	147	57
5	0	0	104	147	50
6	0	0	158	146	39
7	0	0	177	146	0
8	0	0	215	163	0
9	0	0	213	167	0
10	0	0	212	182	0
11	0	0	210	183	0
12	0	0	205	183	0
13	0	0	168	179	0
14	0	0	164	176	0
15	0	0	156	174	0
16	1	0	141	167	0
17	2	0	140	166	0
18	2	0	158	166	0
19	2	0	162	154	0
20	1	0	173	147	0
21	1	0	173	126	0
22	1	0	180	108	0
23	1	0	180	114	0
24	1	0	180	128	0
25	1	0	179	125	0
26	2	0	177	119	0
27	2	0	177	99	0
28	2	0	171	92	0
29	2	0	152	84	0
30	1	0	153	75	0
31	2	-	151	65	-
Mean	1	0	158	140	11
Max.	2	2	215	183	61
Min.	0	0	0	65	0
A.F.	50	10	9690	8600	650

Water diverted 19000 A.F.

Acreage reported A-2683-9513; A-3729-2156; Total-11669

DAILY DIVERSIONS OF CANALS--1970
MITCHELL CANAL from North Platte River--Measured
through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	142	153	131	61
2	0	141	167	138	53
3	0	142	167	134	48
4	0	138	154	138	49
5	0	139	136	148	43
6	0	130	131	155	44
7	0	128	137	146	39
8	0	131	134	146	31
9	0	121	137	146	44
10	0	109	131	149	39
11	0	139	146	143	38
12	0	64	139	161	43
13	0	39	125	148	46
14	0	44	139	139	47
15	0	46	135	137	39
16	0	15	146	134	64
17	3	57	128	133	92
18	126	43	139	133	95
19	158	45	135	122	101
20	158	36	92	121	92
21	128	35	135	111	84
22	99	35	151	102	74
23	107	36	158	88	70
24	119	36	170	83	70
25	115	102	169	77	69
26	110	76	160	74	60
27	136	104	164	73	66
28	136	131	151	72	13
29	146	152	133	66	0
30	148	156	133	64	0
31	143	---	130	64	-
Mean	59	90	143	119	54
Max.	158	156	170	161	101
Min.	0	15	92	64	0
A.F.	3630	5380	8780	7290	3200

Water diverted 28280 A.F.

Acreage reported D-1052-13633

DAILY DIVERSIONS OF CANALS--1970
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	0	0.1	0
5	0	0	0	0.1	0
6	0	0	0.2	0.1	0
7	0	0	0.4	0.1	0
8	0	0	0.7	0.2	0
9	0	0	0.8	0.2	0
10	0	0	0.9	0.3	0
11	0	0	0.9	0.3	0
12	0	0	0.9	0.4	0
13	0	0	0.6	0.5	0
14	0	0	0.5	0.4	0
15	0	0	0.3	0.4	0
16	0	0	0.1	0.4	0
17	0	0	0.1	0.3	0
18	0	0	0.3	0.3	0
19	0	0	0.3	0.2	0
20	0	0	0.5	0.1	0
21	0	0	0.5	0	0
22	0	0	0.5	0	0
23	0	0	0.5	0	0
24	0	0	0.5	0	0
25	0	0	0.5	0	0
26	0	0	0.5	0	0
27	0	0	0.4	0	0
28	0	0	0.4	0	0
29	0	0	0.2	0	0
30	0	0	0.1	0	0
31	0	-	0.1	0	-
Mean	0	0	0.4	0.1	0
Max.	0	0	0.9	0.5	0
Min.	0	0	0	0	0
A.F.	0	0	20	10	0

Water diverted 30 A.F.

Acreage reported A-575-32; A-607R-21; A-2754-20; A-3923-42; Total-115

DAILY DIVERSIONS OF CANALS--1970
MONTAGUE PUMP from Niobrara River
Sec. 28-29-48 W.

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

Water pumped 60 A.F.

Acreage reported A-2266-82

DAILY DIVERSIONS OF CANALS--1970
MOORE-KAY CANAL from Niobrara River--Measured
through rating flume--Sec. 9-28-53 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	4	5	0	5	3	2	4
2	4	5	0	5	3	2	5
3	4	5	0	4	3	2	6
4	5	5	0	4	3	2	5
5	5	5	0	4	3	3	4
6	5	5	0	4	3	3	4
7	5	5	0	4	3	3	4
8	5	5	0	4	3	3	4
9	5	5	0	4	3	3	4
10	5	5	0	4	3	3	4
11	6	5	0	5	2	3	4
12	6	3	0	8	3	3	4
13	6	0	0	8	3	6	5
14	6	0	0	7	3	7	4
15	6	0	0	6	3	6	5
16	6	0	0	6	3	6	5
17	6	0	0	6	3	5	5
18	5	0	1	6	3	4	5
19	5	0	4	6	3	4	4
20	5	0	5	6	4	4	4
21	4	0	5	5	3	4	3
22	4	0	5	5	3	4	3
23	4	0	5	5	3	4	3
24	4	0	5	5	3	4	3
25	4	0	6	5	2	4	3
26	4	0	6	5	2	4	3
27	4	0	5	4	2	4	3
28	4	0	5	4	3	5	3
29	4	0	5	4	3	5	3
30	4	0	5	4	2	4	3
31	4	-	5	-	2	4	-
Mean	5	2	2	5	3	4	4
Max.	6	5	6	8	4	7	6
Min.	4	0	0	4	2	2	3
A.F.	290	120	130	300	170	240	240
Water diverted 1490 A.F.							
Acreage reported A-88-400							

DAILY DIVERSIONS OF CANALS--1970
NAPONEE CANAL from Republican River--Measured
through Sparling Meter--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	37.8	25.8	0
2	0	0	37.6	24.7	0
3	0	0	37.6	29.6	0
4	0	0	37.4	32.5	0
5	0	0	37.3	32.5	0
6	0	0	37.4	32.6	0
7	0	0	37.4	32.7	0
8	0	0	37.3	32.8	0
9	0	0	37.3	32.5	0
10	0	0	37.2	32.5	0
11	0	0	37.1	29.8	0
12	0	0	37.1	25.4	0
13	0	0	37.1	20.8	0
14	0	0	37.0	18.9	0
15	0	0	37.0	18.8	0
16	0	0	35.2	20.8	0
17	0	0	31.9	24.5	0
18	0	0	27.7	24.5	0
19	0	0	25.2	24.3	0
20	0	0	25.2	18.6	0
21	0	0	25.2	14.9	0
22	0	0	25.2	6.8	0
23	0	11.8	27.7	0	0
24	0	19.5	29.8	0	0
25	0	19.5	29.5	0	0
26	0	25.4	29.3	0	0
27	0	30.8	29.4	0	0
28	0	30.7	29.3	0	0
29	0	30.6	28.2	0	0
30	0	34.0	26.9	0	0
31	0	----	26.9	0	-
Mean	0	8.7	41.5	20.2	0
Max.	0	34.0	37.8	32.8	0
Min.	0	0	25.2	0	0
A.F.	0	*520	*2550	*1240	0

Water diverted 4310 A.F.
*Pump discharges included
Acreage reported A-4217-1344; A-6220-79;
A-9463-86; A-9722-11; A-10965-234;
Total-1754

DAILY DIVERSIONS OF CANALS--1970
NINE MILE CANAL from North Platte River
Measured through rating flume--Sec. 17-21-53 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	61	16	52	56	72	71
2	59	34	50	56	72	69
3	61	31	47	58	75	69
4	59	31	48	56	75	68
5	53	34	46	71	74	64
6	51	37	46	71	72	62
7	46	30	45	71	75	60
8	46	18	44	74	71	57
9	44	18	50	73	71	58
10	44	22	54	76	74	57
11	43	47	68	79	71	57
12	46	50	54	76	73	61
13	20	51	48	76	71	62
14	0	53	40	78	74	58
15	0	53	35	79	72	56
16	0	52	17	78	76	53
17	0	51	10	80	76	55
18	0	50	23	82	72	52
19	0	41	31	80	71	46
20	0	40	33	76	71	45
21	0	50	34	63	70	45
22	0	53	34	62	68	44
23	0	54	38	69	68	43
24	0	49	47	65	70	43
25	0	47	54	63	68	48
26	0	49	50	68	65	49
27	0	54	59	68	66	52
28	0	57	56	62	70	50
29	0	56	54	68	75	55
30	0	56	54	71	73	59
31	0	57	--	71	72	--
Mean	20	43	44	70	72	56
Max.	61	57	68	82	76	71
Min.	0	16	10	56	65	43
A.F.	1260	2660	2620	4320	4410	3310

Water diverted 18580 A.F.
Acreage reported D-925-5594; P-262 (from Red
Willow Creek)-71; Total-5665

DAILY DIVERSIONS OF CANALS--1970

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

Date	Oct.	May	June	July	Aug.	Sept.
1	48	0	57	135	193	160
2	43	0	57	151	192	166
3	45	0	58	173	184	147
4	48	0	57	189	177	108
5	43	0	57	192	167	89
6	47	25	58	199	158	79
7	43	67	60	200	160	76
8	43	33	74	201	163	77
9	41	33	79	203	171	78
10	36	32	90	205	171	74
11	0	30	92	213	173	73
12	0	30	40	209	184	70
13	0	30	39	151	194	71
14	0	33	43	156	195	63
15	0	35	41	158	195	59
16	0	36	52	157	188	57
17	0	36	45	160	190	52
18	0	37	45	160	185	48
19	0	41	44	167	178	52
20	0	46	44	170	182	53
21	0	48	47	172	194	50
22	0	52	42	177	186	56
23	0	62	45	190	172	58
24	0	55	46	192	170	55
25	0	57	52	193	155	49
26	0	57	61	185	152	44
27	0	57	66	185	148	42
28	0	58	75	193	152	43
29	0	59	88	192	150	42
30	0	58	123	195	150	41
31	0	58	---	196	154	--
Mean	14	38	59	181	174	71
Max.	48	67	123	213	195	166
Min.	0	0	39	135	148	41
A.F.	870	2310	3520	11150	10680	4230

Water diverted 32760 A.F.
Acreage reported A-2155-49; A-2312-12540; A-2417-183; A-3215a-836; A-3892-37; A-3980a-1222; A-4400-29; A-6430-54; A-7600-0; A-7986-0; A-8544R-36; A-10199-34; A-10371-0; A-11379-8; A-11648-0; Total-15028

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	Oct.	May	June	July	Aug.	Sept.
1	20	0	36	95	111	46
2	20	0	36	90	112	41
3	21	0	37	100	102	42
4	20	0	38	120	100	29
5	8	0	38	120	100	29
6	0	0	37	126	87	28
7	0	0	37	120	82	27
8	0	0	40	119	92	28
9	0	0	45	117	104	30
10	0	0	50	115	103	30
11	0	39	53	120	99	29
12	0	34	22	119	96	29
13	0	28	22	71	108	30
14	0	27	26	94	102	28
15	0	27	27	96	104	26
16	0	27	35	90	98	23
17	0	27	35	99	92	19
18	0	30	33	108	83	18
19	0	33	34	112	86	17
20	0	36	34	118	86	17
21	0	42	37	108	88	16
22	0	42	39	106	86	16
23	0	43	39	106	71	15
24	0	39	43	112	66	15
25	0	34	44	110	66	15
26	0	36	45	111	63	15
27	0	20	47	113	56	14
28	0	38	52	111	56	14
29	0	40	66	112	53	14
30	0	35	80	110	47	14
31	0	36	---	111	48	--
Mean	3	23	40	108	85	24
Max.	21	43	80	126	112	46
Min.	0	0	22	71	47	14
A.F.	180	1410	2390	6660	5250	1420

Water diverted 17310 A.F.
Acreage reported A-2312-5683; A-3215b-1102; A-3772-0; A-3828-39; A-3831-0; A-3980b-1266; A-5133-0; A-6578-38; A-6943-0; A-9809-20; A-10443-37; Total-8185

DAILY DIVERSIONS OF CANALS--1970

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.

Date	Oct.	May	June	July	Aug.	Sept.
1	17	0	30	109	99	29
2	17	0	30	110	96	27
3	17	0	31	111	83	26
4	18	0	31	112	68	25
5	3	0	30	114	59	22
6	0	0	30	114	59	22
7	0	0	30	112	60	22
8	0	0	31	113	64	21
9	0	0	31	110	64	21
10	0	0	31	107	69	20
11	0	0	28	100	72	20
12	0	0	10	104	77	17
13	0	0	10	90	75	19
14	0	26	13	83	80	17
15	0	27	24	83	79	17
16	0	24	26	85	77	14
17	0	24	25	86	73	16
18	0	24	23	89	67	14
19	0	29	23	94	68	14
20	0	30	23	90	69	13
21	0	30	23	72	66	14
22	0	30	23	64	56	13
23	0	30	24	63	62	14
24	0	31	29	62	53	10
25	0	30	34	63	48	0
26	0	30	49	69	46	0
27	0	30	65	75	44	0
28	0	30	79	91	37	0
29	0	30	91	90	35	0
30	0	30	101	95	30	0
31	0	30	---	100	31	-
Mean	2	16	34	92	63	15
Max.	18	31	101	114	99	29
Min.	0	0	10	62	30	0
A.F.	140	1010	2040	5670	3900	890

Water diverted 13650 A.F.
Acreage reported A-2312-5647; A-3215c-325; A-3672-0; A-3980c-561; A-4231-27; A-10209-87;

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	Oct.	May	June	July	Aug.	Sept.
1	6	0	1	3	4	2
2	6	0	2	4	4	3
3	6	0	3	4	4	5
4	7	0	3	2	4	5
5	7	0	3	2	4	5
6	6	0	3	2	5	5
7	5	0	3	2	5	5
8	5	2	3	2	5	4
9	5	3	3	2	5	3
10	4	3	3	1	5	3
11	4	3	3	2	4	3
12	3	3	3	1	4	3
13	1	3	4	2	4	3
14	0	3	3	1	3	3
15	0	3	3	1	3	2
16	0	3	3	1	3	2
17	0	3	3	1	4	2
18	0	3	3	1	4	3
19	0	2	3	1	5	2
20	0	2	3	1	5	0
21	0	2	3	0	5	0
22	0	2	3	0	6	0
23	0	2	3	3	6	1
24	0	1	3	2	6	2
25	0	2	3	3	7	2
26	0	3	3	4	7	2
27	0	3	3	4	7	2
28	0	0	3	4	6	3
29	0	0	5	4	4	2
30	0	0	4	4	4	2
31	0	0	-	4	3	-
Mean	2	2	3	2	5	3
Max.	7	3	5	4	7	5
Min.	0	0	1	0	3	0
A.F.	130	100	180	130	290	160

Water returned 990 A.F.

DAILY DIVERSIONS OF CANALS--1970

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

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

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	19	22	8	7
2	1	0	19	17	11	9
3	0	0	18	13	13	15
4	1	0	17	3	13	19
5	6	0	16	3	13	12
6	6	0	14	6	11	10
7	10	0	14	2	8	4
8	13	9	12	1	8	1
9	15	8	14	0	9	7
10	16	6	16	0	9	6
11	16	6	22	2	6	8
12	5	5	22	2	6	7
13	0	5	11	7	6	9
14	0	4	9	7	6	10
15	0	4	14	14	6	11
16	0	4	15	16	9	8
17	0	6	18	16	10	6
18	0	4	14	16	11	3
19	0	0	17	18	8	2
20	0	0	16	18	5	0
21	0	3	15	14	6	0
22	0	1	14	11	6	1
23	0	5	10	9	4	5
24	0	12	11	9	4	7
25	0	9	13	9	10	10
26	0	10	16	10	10	8
27	0	11	16	8	9	9
28	0	13	14	8	7	6
29	0	15	15	8	7	2
30	0	17	13	7	6	1
31	0	18	--	8	8	-
Mean	3	6	15	9	8	7
Max.	16	18	22	22	13	19
Min.	0	0	9	0	4	0
A.F.	180	350	900	560	500	400

Water returned 2890 A.F.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	7	11	8	11
2	10	0	7	6	8	9
3	10	0	7	2	9	12
4	11	0	7	1	10	12
5	12	0	7	3	9	5
6	3	0	7	4	9	4
7	0	0	6	4	5	4
8	0	0	6	2	2	4
9	0	0	6	2	5	6
10	0	0	11	4	9	9
11	0	0	11	4	9	14
12	0	4	12	4	8	12
13	0	7	6	5	8	14
14	0	7	5	2	8	13
15	0	7	6	5	10	14
16	0	6	5	7	10	12
17	0	4	9	6	10	10
18	0	3	8	6	11	8
19	0	1	6	6	10	8
20	0	2	7	8	9	5
21	0	2	8	9	9	6
22	0	4	8	8	11	6
23	0	5	9	6	10	6
24	0	6	9	7	8	6
25	0	4	9	7	8	7
26	0	3	10	6	12	7
27	0	3	9	6	8	7
28	0	0	10	6	8	8
29	0	7	10	6	11	8
30	0	7	11	6	8	8
31	0	6	--	7	8	-
Mean	2	3	8	5	9	8
Max.	12	7	12	11	12	14
Min.	0	0	5	1	2	4
A.F.	110	170	470	330	530	510

Water returned 2120 A.F.

DAILY DIVERSIONS OF CANALS--1970

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 ORD-NORTH LOUP SPILLWAY AT 16.69 returned to North Loup River

Date	Oct.	May	June	July	Aug.	Sept.
1	7	0	7	5	5	11
2	6	0	6	5	8	9
3	6	0	7	5	13	8
4	7	0	7	5	15	10
5	6	0	7	5	12	11
6	1	0	8	5	13	11
7	1	0	8	6	8	11
8	0	0	9	7	7	12
9	0	0	10	5	6	9
10	0	0	11	7	5	8
11	0	0	11	9	3	10
12	0	0	8	10	3	9
13	0	0	2	12	3	8
14	0	0	1	12	2	10
15	0	2	5	11	2	11
16	0	6	14	10	4	9
17	0	6	9	9	7	8
18	0	5	8	4	10	11
19	0	4	8	6	9	10
20	0	4	8	10	9	9
21	0	3	7	10	9	10
22	0	4	7	7	12	12
23	0	4	5	7	14	13
24	0	5	4	8	13	7
25	0	4	3	4	12	4
26	0	5	2	4	12	0
27	0	4	6	4	12	0
28	0	5	6	3	12	0
29	0	6	8	4	12	0
30	0	5	5	4	10	0
31	0	5	-	6	8	-
Mean	1	2	7	7	9	8
Max.	7	6	14	12	15	13
Min.	0	0	1	3	2	0
A.F.	70	150	410	410	540	480

Water returned 2060 A.F.

DAILY DIVERSIONS OF CANALS--1970

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1970

	Oct.	May	June	July	Aug.	Sept.	Total
Diversions:							
Taylor-Ord Canal.....	870	2310	3520	11150	10680	4230	32760
Burwell-Sumter Canal.	180	1410	2390	6660	5250	1420	17310
Ord-North Loup Canal.	140	1010	2040	5670	3900	890	13650
Total diverted.....	1190	4730	7950	23480	19830	6540	63720
Returned through spillways:							
Taylor-Ord.....	310	450	1080	690	790	560	3880
Burwell-Sumter.....	110	170	470	330	530	510	2120
Ord-North Loup.....	70	150	410	410	540	480	2060
Total returned.....	490	770	1960	1430	1860	1550	8060
Net diversion.....	700	3960	5990	22050	17970	4990	55660

DAILY DIVERSIONS OF CANALS--1970
NORTH PLATTE CANAL from North Platte River
Measured through 15-foot Parshall flume--Sec. 18-14-33 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	86	106	255	221	188
2	0	85	105	252	200	191
3	0	85	106	257	194	189
4	0	83	105	258	194	175
5	0	79	105	257	197	151
6	0	78	104	253	216	147
7	0	78	101	252	227	153
8	0	96	103	258	218	151
9	0	109	100	255	201	145
10	2	123	108	247	204	155
11	7	128	130	230	227	148
12	3	129	71	228	247	151
13	2	126	83	227	250	155
14	1	138	107	216	239	135
15	11	156	108	213	228	107
16	68	155	112	233	222	88
17	65	151	106	239	223	78
18	65	156	103	239	227	60
19	63	157	122	239	227	49
20	58	160	140	249	223	50
21	56	157	122	249	227	51
22	59	159	119	247	214	51
23	59	115	134	249	204	45
24	57	112	135	247	211	17
25	55	106	163	225	206	0
26	53	105	198	214	201	0
27	54	105	197	207	198	0
28	69	106	191	216	203	0
29	82	107	227	208	206	0
30	88	105	250	239	198	0
31	--	106	---	241	192	-
Mean	33	117	129	239	214	94
Max.	88	160	250	258	250	191
Min.	0	78	71	207	192	0
A.F.	1940	7220	7660	14680	13138	5610
Water diverted 50290 A.F.						
Acreage reported D-635-14067						

DAILY DIVERSIONS OF CANALS--1970
 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	163	209	197	157
2	0	156	237	191	147
3	0	147	208	187	145
4	0	121	194	187	127
5	0	113	183	170	82
6	0	115	205	144	74
7	0	96	216	129	76
8	0	111	209	162	66
9	0	88	196	156	60
10	0	73	193	147	57
11	85	57	186	140	59
12	125	146	171	124	67
13	135	190	175	125	47
14	133	169	223	131	72
15	132	167	225	146	62
16	133	169	225	171	78
17	124	97	226	176	14
18	112	71	228	181	1
19	63	97	212	174	0
20	85	101	189	162	0
21	87	71	208	175	0
22	81	91	192	186	0
23	137	62	190	199	0
24	162	22	186	203	23
25	145	138	182	202	37
26	132	136	181	189	65
27	112	122	185	191	83
28	113	131	193	170	71
29	106	141	215	189	95
30	150	159	209	180	0
31	161	---	200	154	-
Mean	81	117	202	169	59
Max.	162	190	237	203	157
Min.	0	22	171	124	0
A.F.	4980	6980	12400	10390	3500
Water diverted	38250 A.F.				

DAILY DIVERSIONS OF CANALS--1970
 NORTHPORT CANAL from Drains
 entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	138	141	197	222
2	0	135	144	199	232
3	0	132	148	204	234
4	0	129	150	197	229
5	0	128	160	194	232
6	0	128	166	194	232
7	0	128	168	199	232
8	0	130	166	196	230
9	0	135	167	198	231
10	0	137	161	197	234
11	22	174	157	196	231
12	21	81	162	192	239
13	21	56	159	189	253
14	21	55	156	185	251
15	21	60	165	192	244
16	20	57	168	193	210
17	19	56	173	195	198
18	17	57	174	194	209
19	38	57	190	194	203
20	88	56	219	196	199
21	89	56	200	200	173
22	98	52	199	198	147
23	104	66	203	199	141
24	106	148	198	199	124
25	110	143	197	196	107
26	112	143	198	201	63
27	115	140	201	180	51
28	121	139	213	206	53
29	127	138	204	210	53
30	131	141	199	214	17
31	135	---	194	217	--
Mean	50	106	177	197	182
Max.	135	174	219	217	253
Min.	0	52	141	180	17
A.F.	3050	6340	10910	12140	10860
Water diverted	43300 A.F.				

DAILY DIVERSIONS OF CANALS--1970

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
 Summary in Acre-feet--1970

Section	Township	Range	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River		10-23-58	4980	6980	12400	10390	3500	38250
*Sheep Creek		17-23-57	1380	2660	5150	5690	4720	19600
*Akers Draw		17-23-57	450	640	830	920	670	3510
*Tub Springs		27-33-55	510	1610	2430	2740	1980	9270
*Spotted Tail, Dry		9-23-56	300	500	1250	1620	1600	5270
*Spotted Tail, Wet		10-23-56	370	930	1250	1170	1890	5610
*Moffat Drain		25-22-53	0	0	0	0	0	0
*Alliance Drain		18-22-53	0	0	0	0	0	0
Total diversion			7990	13320	23310	22530	14360	81510

Water diverted 81510 A.F.
 Acreage reported A-768-16109
 Pathfinder storage included

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

DAILY DIVERSIONS OF CANALS--1970
 ORCHARD-ALFALFA CANAL from Platte River
 Measured through Parshall flume--Sec. 9-19-24 W.

Date	May	June	July	Aug.	Sept.
1	0	18	84	75	41
2	0	16	81	77	38
3	0	16	89	49	35
4	0	16	84	23	38
5	0	17	84	16	10
6	0	7	76	11	0
7	0	0	71	12	0
8	0	0	67	45	0
9	0	0	88	63	0
10	0	14	81	50	0
11	0	25	71	47	0
12	0	7	71	45	0
13	0	30	74	48	0
14	0	43	81	54	0
15	0	38	83	22	0
16	0	39	89	16	0
17	0	36	87	48	0
18	5	36	83	51	0
19	7	28	80	54	0
20	6	47	75	61	0
21	7	46	71	65	0
22	11	20	66	70	0
23	12	39	63	67	0
24	11	42	52	59	0
25	11	42	39	56	0
26	12	42	35	47	0
27	14	44	47	44	0
28	13	55	58	45	0
29	13	60	61	41	0
30	19	66	64	39	0
31	25	--	68	43	-
Mean	5	30	72	47	5
Max.	25	66	89	77	41
Min.	0	0	35	11	0
A.F.	330	1760	4410	2860	320

Water diverted 9680 A.F.
 Acreage reported D-627-5915

DAILY DIVERSIONS OF CANALS--1970
 OSHKOSH CANAL from North Platte River
 Measured through Parshall flume--Sec. 33-17-44 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
27	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 D-797-673

DAILY DIVERSIONS OF CANALS--1970
 OWASCO CANAL from Lodgepole Creek--Measured
 through rating flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	6	2	3	0
2	0	6	6	3	0
3	0	6	5	1	0
4	0	6	5	2	0
5	0	4	5	4	0
6	0	6	4	3	0
7	0	6	0	3	0
8	0	6	4	2	5
9	0	6	4	2	5
10	0	6	4	2	5
11	0	7	4	4	7
12	0	4	5	4	4
13	0	5	6	3	3
14	0	5	6	4	3
15	0	5	6	4	5
16	0	5	6	0	6
17	0	5	6	4	4
18	0	5	6	2	4
19	0	5	6	3	4
20	0	5	6	2	0
21	0	5	6	3	6
22	0	4	6	4	6
23	0	5	0	2	5
24	0	5	0	1	4
25	0	4	0	1	3
26	0	5	3	4	3
27	0	4	4	0	4
28	0	3	3	0	4
29	0	4	5	0	0
30	0	4	4	0	0
31	0	-	4	0	-
Mean	0	5	4	2	3
Max.	0	7	6	4	7
Min.	0	3	0	0	0
A.F.	0	300	260	140	180

Water diverted 880 A.F.
 Acreage reported A-725-689

DAILY DIVERSIONS OF CANALS--1970
 PAISLEY CANAL from Blue Creek--Measured
 through 4-foot Parshall flume--Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	17	0	24	0	4	2
2	17	0	23	0	4	3
3	13	0	21	0	4	4
4	16	0	21	0	4	1
5	18	0	21	0	3	0
6	16	0	21	0	3	0
7	16	0	21	0	3	0
8	19	0	20	0	3	0
9	9	0	21	0	4	0
10	0	0	23	0	9	0
11	0	0	21	0	13	0
12	0	0	17	0	13	0
13	0	0	13	0	5	0
14	0	0	8	0	3	0
15	0	0	7	0	3	0
16	0	0	7	0	3	0
17	0	0	7	0	3	0
18	0	0	10	0	3	7
19	0	0	12	0	3	12
20	0	0	11	0	4	15
21	0	0	12	1	4	18
22	0	0	12	3	4	18
23	0	0	16	4	3	19
24	0	0	17	3	3	21
25	0	0	20	3	0	22
26	0	0	21	4	0	22
27	0	0	21	4	0	22
28	0	0	21	4	0	22
29	0	0	19	3	1	23
30	0	12	11	4	3	24
31	0	18	--	4	5	--
Mean	4	1	17	1	4	8
Max.	19	18	24	4	13	24
Min.	0	0	7	0	0	0
A.F.	280	60	990	70	230	510

Water diverted 2140 A.F.
 Acreage reported D-800-815; A-515-95; A-1738-176;
 Total-1086

DAILY DIVERSIONS OF CANALS--1970
PAXTON-HERSHEY CANAL from North Platte River
Measured through Parshall flume--Sec. 18-14-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	64	0	57	104	105	89
2	56	0	54	98	99	90
3	45	0	51	96	92	95
4	36	0	51	104	94	94
5	61	0	49	118	94	93
6	51	0	48	127	104	93
7	16	0	46	134	104	86
8	0	8	48	137	104	84
9	0	25	60	136	104	79
10	0	35	64	128	98	84
11	0	35	74	108	89	60
12	0	38	55	107	96	58
13	0	40	31	115	106	63
14	0	55	0	111	101	65
15	0	62	14	110	99	61
16	0	58	53	110	95	56
17	0	55	48	110	87	59
18	0	53	44	110	96	58
19	0	67	44	106	94	58
20	0	72	49	104	88	59
21	0	74	48	105	93	59
22	0	71	47	105	100	60
23	0	49	45	108	96	59
24	0	47	41	106	92	61
25	0	48	39	104	89	62
26	0	39	43	104	91	56
27	0	29	60	106	107	51
28	0	57	78	108	102	30
29	0	59	93	106	94	0
30	0	57	102	104	92	0
31	0	58	---	104	89	-
Mean	11	38	51	111	97	64
Max.	64	74	102	137	107	95
Min.	0	0	0	96	87	0
A.F.	650	2360	3050	6810	5940	3810

Water diverted 22620 A.F.
Acreage reported D-653-7223

DAILY DIVERSIONS OF CANALS--1970
PHELPS COUNTY CANAL from Platte River via
Tri-County Canal--Measured through Parshall
flume--Sec. 2-8-21 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	104	544	1120	1080	412
2	0	104	580	1180	1070	398
3	0	104	588	1270	528	350
4	0	104	584	1330	344	317
5	0	106	584	1360	412	290
6	0	106	588	1310	422	242
7	0	116	568	1310	446	218
8	0	126	600	1320	454	225
9	0	126	610	1350	460	200
10	0	126	610	1360	556	174
11	0	146	600	1360	712	162
12	0	182	568	1390	802	150
13	0	215	568	1360	808	144
14	35	238	548	1340	814	136
15	64	245	552	1350	827	96
16	62	245	536	1300	862	27
17	62	245	524	1290	848	0
18	62	262	528	1310	834	0
19	61	308	516	1300	841	0
20	68	374	513	1260	790	0
21	76	432	485	1260	690	0
22	92	446	510	1270	596	0
23	108	440	513	1230	568	0
24	110	404	516	1160	564	0
25	108	408	544	1140	510	0
26	102	454	680	1140	450	0
27	102	510	808	1120	426	0
28	102	528	960	1100	446	0
29	102	524	1070	1060	446	0
30	102	528	1120	1030	432	0
31	---	532	---	1060	415	-
Mean	47	283	617	1248	628	118
Max.	110	532	1120	1390	1080	412
Min.	0	104	485	1030	344	0
A.F.	2810	17430	36720	76840	38580	7020

Water diverted 179400 A.F.

DAILY DIVERSIONS OF CANALS--1970
PIONEER CANAL from Niobrara River--Measured
through rating flume--Sec. 36-29-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	4	4	9	4
2	3	0	4	4	8	4
3	3	0	4	4	6	3
4	3	0	4	4	6	3
5	3	0	4	3	7	3
6	3	0	4	0	7	3
7	0.8	0	4	0	7	3
8	0.5	0	4	0	8	3
9	0.5	0	3	0	8	3
10	0.5	0	3	0	7	3
11	0.4	0	4	0	7	3
12	0.5	0	5	0.1	7	3
13	0.5	0	5	0.2	7	4
14	0.5	0	6	0.2	7	4
15	0.5	1	6	0.1	7	4
16	0.5	5	5	0	9	4
17	0.9	5	5	0	8	4
18	0.9	5	6	0	7	4
19	0.8	5	6	0	6	4
20	0.3	5	6	0	6	4
21	0	4	6	0	6	4
22	0	4	6	0	6	4
23	0	4	5	0	5	3
24	0	4	5	0	5	3
25	0	4	5	0	5	3
26	0	4	5	0	4	3
27	0	4	5	0	4	3
28	0	4	4	0	4	3
29	0	4	4	0	4	3
30	0	3	4	0	4	3
31	0	3	-	0.8	4	-
Mean	1	2	5	1	6	3
Max.	3	5	6	4	9	4
Min.	0	0	3	0	4	3
A.F.	50	130	280	40	390	200

Water diverted 1090 A.F.
Acreage reported D-442a-605; A-3812-55;
A-4599-15; A-5010-192. Total 867

DAILY DIVERSIONS OF CANALS--1970
POTMESIL CANAL from Niobrara River--Measured
through Parshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	7	6	4
2	0	0	6	5	4
3	0	0	7	5	5
4	0	2	7	5	4
5	0	8	7	5	3
6	0	8	7	5	0
7	0	8	6	5	0
8	0	8	7	5	0
9	0	9	6	3	7
10	0	9	6	0	5
11	0	9	6	1	0
12	0	9	6	7	0
13	0	9	4	7	0
14	0	8	4	7	0
15	0	8	5	7	0
16	0	7	4	7	0
17	0	7	3	6	0
18	0	7	3	1	0
19	0	7	4	1	0
20	0	7	6	1	0
21	0	7	6	0	0
22	0	7	5	0	0
23	0	7	5	0	0
24	0	7	5	0	2
25	0	8	5	0	4
26	0	8	5	0	5
27	0	8	5	4	6
28	0	8	6	6	3
29	0	7	6	6	0
30	0	7	6	5	0
31	0	-	6	4	-
Mean	0	7	6	4	2
Max.	0	9	7	7	7
Min.	0	0	3	0	0
A.F.	0	400	340	230	100

Water diverted 1070 A.F.
Acreage reported A-2566-473; A-10686-145;

DAILY DIVERSIONS OF CANALS--1970
 RAMSHORN CANAL from North Platte River
 Measured over 15-foot weir--Sec. 19-23-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	16	0	5	28	17	16
2	15	0	13	28	16	16
3	15	0	14	25	15	16
4	15	0	13	21	15	16
5	15	0	13	16	14	15
6	6	0	13	17	15	15
7	0	0	12	11	16	13
8	0	0	12	5	17	11
9	0	0	12	4	17	11
10	0	0	11	3	20	11
11	0	3	8	8	21	11
12	0	2	6	18	24	11
13	0	5	5	18	26	10
14	0	5	5	9	27	10
15	0	5	4	15	27	10
16	0	6	6	15	26	9
17	0	6	7	24	26	8
18	0	5	7	24	28	8
19	0	6	8	26	26	8
20	0	7	10	20	23	7
21	0	8	10	18	21	7
22	0	10	10	16	16	8
23	0	10	9	13	16	10
24	0	8	9	9	16	12
25	0	8	10	8	15	14
26	0	7	12	8	16	18
27	0	3	12	16	18	18
28	0	0	15	28	17	18
29	0	0	21	25	17	21
30	0	0	23	24	17	22
31	0	0	--	21	17	--
Mean	3	3	11	17	19	13
Max.	16	10	23	28	28	22
Min.	0	0	4	3	14	7
A.F.	160	210	620	1030	1190	750

Water diverted 3960 A.F.
 Acreage reported D-945-1652

DAILY DIVERSIONS OF CANALS--1970
 RED WILLOW CANAL from Red Willow Creek
 Measured through orifice check--Sec. 25-4-29 W.

Date	May	June	July	Aug.	Sept.
1	0	7	82	25	33
2	0	0	96	25	31
3	0	0	101	26	27
4	0	0	101	30	16
5	0	0	108	37	13
6	0	0	108	50	13
7	0	0	108	66	13
8	0	6	108	75	13
9	0	33	110	80	11
10	0	36	95	83	9
11	25	32	88	79	3
12	27	10	88	69	0
13	27	0	73	61	0
14	27	0	55	47	0
15	21	0	42	42	0
16	19	0	39	42	0
17	18	0	46	42	0
18	18	0	50	39	0
19	23	0	50	33	0
20	26	0	61	31	0
21	26	0	69	27	0
22	27	16	73	26	0
23	26	22	71	26	0
24	25	28	60	26	0
25	25	29	53	26	0
26	21	28	47	24	0
27	20	28	5	23	0
28	20	28	25	23	0
29	20	37	32	23	17
30	21	58	31	23	21
31	21	--	28	29	--
Mean	16	13	68	41	7
Max.	27	58	110	83	33
Min.	0	0	5	23	0
A.F.	960	790	4170	2500	440

Water diverted 8860 A.F.
 Acreage reported A-3869cR-3780; A-6216-545; A-10195-496; Total-4821

DAILY DIVERSIONS OF CANALS--1970
 RIVERSIDE CANAL from Frenchman River
 Measured in section of canal--Sec. 33-4-32 W.

Date	May	June	July	Aug.	Sept.
1	0	0	9	9	9
2	0	0	10	9	9
3	0	0	11	10	9
4	0	0	10	7	12
5	0	0	10	8	10
6	0	0	10	7	9
7	0	0	11	5	8
8	0	0	11	5	8
9	0	0	9	8	8
10	0	0	8	13	7
11	0	0	9	10	7
12	0	0	9	9	7
13	0	0	9	11	8
14	0	0	9	8	8
15	0	0	8	8	8
16	0	0	9	8	8
17	0	0	10	8	8
18	0	0	8	10	8
19	0	0	7	9	8
20	0	0	11	9	8
21	0	0	8	8	0
22	0	0	8	8	0
23	0	0	9	9	0
24	0	0	13	9	0
25	7	0	11	9	0
26	10	0	11	9	0
27	8	0	9	10	0
28	0	0	9	10	0
29	0	0	10	9	0
30	0	0	10	9	0
31	0	--	9	9	--
Mean	1	0	10	9	6
Max.	10	0	13	13	12
Min.	0	0	7	5	0
A.F.	50	0	590	540	330

Water diverted 1510 A.F.
 Acreage reported D-18-359; A-1674-217;
 Total-576

DAILY DIVERSIONS OF CANALS--1970
 RUTINER CANAL (New) from Lodgepole Creek
 Measured through rating flume--Sec. 36-15-57 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	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 D-350R-22; A-727-39;
 A-857R-92; A-869-44; A-5303-25; Total-222

DAILY DIVERSIONS OF CANALS--1970
 RUTINER-KINNEY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 31-15-56 W.

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

Water diverted 230 A.F.
 Acreage reported D-345R-126; D-350-51;
 A-718R-53; Total-230

DAILY DIVERSIONS OF CANALS--1970
 SARGENT CANAL from Middle Loup River--Measured
 through 10-foot Parshall flume--Sec. 32-21-21 W.

Date	May	June	July	Aug.	Sept.
1	0	4	122	236	101
2	0	53	161	222	96
3	0	50	185	166	92
4	0	37	185	116	84
5	0	37	192	108	75
6	0	41	234	95	67
7	0	53	251	90	83
8	0	62	251	89	85
9	0	69	258	93	71
10	0	77	262	96	71
11	0	94	243	104	63
12	0	56	234	128	61
13	0	56	120	147	60
14	0	69	57	159	46
15	0	69	58	160	39
16	0	70	51	166	37
17	0	65	42	198	34
18	0	61	42	199	30
19	0	58	51	224	30
20	0	51	73	237	30
21	0	52	97	218	30
22	0	50	107	195	29
23	0	44	139	184	34
24	0	45	159	157	38
25	0	59	151	137	38
26	0	56	156	137	37
27	0	54	176	123	30
28	0	60	204	111	28
29	0	89	226	98	28
30	0	107	236	96	19
31	0	---	236	104	---
Mean	0	58	160	148	52
Max.	0	107	262	237	101
Min.	0	4	42	89	19
A.F.	0	3470	9840	9110	3110

Water diverted 25530 A.F.
 Acreage reported A-4841a-13607; A-10260c-Supp

DAILY DIVERSIONS OF CANALS--1970

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 canal
Sec. 20-14-35 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 OA.F.
Acreage reported D-710

Date	May	June	July	Aug.	Sept.
1	8	5	6	7	5
2	7	5	6	6	5
3	7	5	6	6	5
4	7	5	6	6	5
5	6	5	5	6	5
6	6	5	5	6	5
7	6	5	5	6	6
8	6	5	5	6	6
9	6	6	5	6	6
10	6	6	5	6	6
11	6	6	5	6	6
12	6	6	5	6	6
13	6	6	5	6	7
14	5	6	5	6	7
15	5	6	6	6	7
16	5	6	6	6	7
17	5	6	6	6	7
18	5	6	6	6	7
19	5	6	6	6	7
20	5	6	7	6	7
21	5	6	7	6	7
22	5	6	7	6	7
23	5	6	7	6	7
24	5	6	7	6	7
25	5	6	7	6	7
26	5	6	7	6	7
27	5	6	7	6	7
28	5	6	7	6	7
29	5	6	7	5	7
30	5	6	7	5	7
31	5	-	7	5	-
Mean	6	6	6	6	6
Maxx	8	6	7	7	7
Min.	5	5	5	5	5
A.F.	340	340	370	360	380

Water diverted 1790 A.F.
Acreage reported D-710-918

DAILY DIVERSIONS OF CANALS--1970

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet---1970

Diversion:	May	June	July	Aug.	Sept.	Total
North Platte River.....	0	0	0	0	0	0
Sarben Slough.....	340	340	370	360	380	1790
Total diversion.....	340	340	370	360	380	1790

Water diverted 1790 A.F.
Acreage reported D-710-918

DAILY DIVERSIONS OF CANALS--1970
SHORT LINE CANAL from North Platte River
Measured through rating flume--Sec. 25-21-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	32	0	34	31	19	20
2	16	0	36	41	21	20
3	23	0	37	34	25	22
4	20	0	33	29	24	22
5	9	0	35	28	23	22
6	9	0	30	34	23	24
7	10	0	35	30	25	27
8	10	0	34	26	25	25
9	10	0	32	25	24	22
10	14	0	33	25	24	23
11	15	2	30	25	21	24
12	0	2	21	27	21	24
13	0	7	12	29	22	30
14	0	8	3	33	21	32
15	0	9	3	35	23	25
16	0	11	5	36	25	24
17	0	14	7	39	26	24
18	0	20	11	37	24	24
19	0	28	12	37	25	22
20	0	32	14	35	26	20
21	0	42	16	28	27	21
22	0	45	16	20	26	21
23	0	40	19	18	22	20
24	0	42	26	18	20	19
25	0	44	33	20	20	19
26	0	36	34	18	20	15
27	0	30	38	18	23	24
28	0	31	35	18	27	27
29	0	33	28	18	28	29
30	0	50	24	26	25	29
31	0	49	--	24	21	--
Mean	5	19	24	28	23	23
Max.	32	50	38	41	28	32
Min.	0	0	3	18	19	15
A.F.	330	1140	1440	1710	1440	1390

Water diverted 7450 A.F.
Acreage reported D-946-3020

DAILY DIVERSIONS OF CANALS--1970
SIX MILE CANAL from Platte River--Measured
through Parshall flume--Sec. 18-11-25 W.

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

Water diverted 1010 A.F.
Acreage reported D-680-1173

DAILY DIVERSIONS OF CANALS--1970
SNOW CANAL from Niobrara River--Measured
through rating flume--Sec. 35-29-51 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0.4	2	0
2	0	0	0.3	2	0
3	0	0	0.3	2	0
4	0	0	0.2	2	0
5	0	0	0.1	2	0
6	0	0	0.2	2	0
7	0	0	0.2	2	0
8	0	0	0.2	2	0
9	0	0	0.2	2	0
10	0	0.1	0.2	2	0
11	0	0.6	0.2	2	0
12	0	2	0.2	2	0
13	0	2	0.2	2	0
14	0	2	0.2	2	0
15	0	2	0.2	2	0
16	0	2	0.4	3	0
17	0	2	0.7	2	0
18	0	2	0.6	2	0
19	0	2	0.6	2	0
20	0	2	0.8	2	0
21	0	1	1	2	0
22	0	1	1	2	0
23	0	0.8	1	2	0
24	0	0.6	1	2	0
25	0	0.6	1	1	0
26	0	0.6	1	0.8	0
27	0	0.6	1	0.1	0
28	0	0.7	1	0	0
29	0	0.9	2	0	0
30	0	0.7	2	0	0
31	0	---	2	0	--
Mean	0	1	1	2	0
Max.	0	2	2	3	0
Min.	0	0	0.1	0	0
A.F.	0	50	40	100	0

Water diverted 190 A.F.
Acreage reported D-485-200

DAILY DIVERSIONS OF CANALS--1970
SUBURBAN CANAL from North Platte River
Measured through rating flume--Sec. 8-14-32 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	60	0	61	114	87	81
2	57	0	62	94	89	93
3	45	0	42	87	87	96
4	40	10	42	128	86	97
5	58	12	44	134	85	101
6	48	11	43	144	95	89
7	31	21	41	143	97	83
8	22	42	45	100	100	82
9	18	47	61	91	102	82
10	15	47	76	83	99	74
11	14	47	84	84	92	66
12	14	48	85	86	93	66
13	14	46	64	79	97	68
14	14	48	48	78	88	70
15	14	48	46	75	81	65
16	13	48	47	73	80	59
17	12	63	53	97	90	58
18	12	82	51	118	95	58
19	11	82	54	106	87	58
20	10	77	52	91	83	58
21	5	76	51	99	83	57
22	3	80	56	105	79	56
23	0	79	60	107	75	56
24	0	64	67	111	76	56
25	0	68	74	102	76	57
26	0	62	77	93	76	57
27	0	61	78	83	70	56
28	0	62	76	78	88	56
29	0	62	89	80	85	51
30	0	60	112	80	80	45
31	0	60	---	81	77	--
Mean	17	49	61	98	86	68
Max.	60	82	112	144	102	101
Min.	0	0	41	73	70	45
A.F.	1050	3000	3650	6000	5310	4070

Water diverted 23080 A.F.
Acreage reported D-662-5610

DAILY DIVERSIONS OF CANALS--1970
SUPERIOR CANAL from Republican River
Measured through 12-foot Parshall flume
Sec. 7-1-9 W.

Date	May	June	July	Aug.	Sept.
1	0	0	141	130	0
2	0	0	140	132	0
3	0	0	145	130	0
4	48	0	143	125	0
5	64	0	143	125	0
6	54	0	147	126	0
7	32	0	147	126	0
8	33	0	148	124	0
9	33	0	145	125	0
10	33	0	144	125	0
11	34	0	145	119	0
12	33	0	144	105	0
13	32	0	145	104	0
14	32	0	143	104	0
15	32	28	147	105	0
16	32	41	146	102	0
17	34	31	146	96	0
18	10	32	146	72	0
19	0	32	147	61	0
20	0	25	148	50	0
21	0	0	148	41	0
22	0	0	146	34	0
23	0	37	144	28	0
24	0	56	145	29	0
25	0	68	146	29	0
26	0	82	144	29	0
27	0	92	144	30	0
28	0	97	144	29	0
29	0	118	139	29	0
30	0	128	131	29	0
31	0	---	130	21	-
Mean	17	29	144	81	0
Max.	64	128	148	130	0
Min.	0	0	130	21	0
A.F.	1060	1720	8850	4990	0

Water diverted 16620 A.F.

Acreeage reported A-2691cR-5444; A-6223-261; A-9723-44; A-9875-49; A-10966-66; Total-5864

DAILY DIVERSIONS OF CANALS--1970
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	20	1700	737	756	419	424	1160	699	733	1060	1490	1610
2	0	1710	740	762	419	434	1160	694	727	1110	1480	1630
3	0	1710	744	773	425	415	1170	696	723	1180	1490	1620
4	0	1710	745	754	424	349	1180	683	723	1200	1490	1650
5	0	1700	757	759	417	196	1150	682	725	1190	1490	1660
6	0	1690	750	710	420	104	1080	680	720	1200	1500	1660
7	0	1530	756	680	416	0	1070	618	720	1270	1500	1620
8	0	1400	756	645	420	0	1070	582	722	1420	1490	1680
9	0	1300	747	613	412	0	1070	558	711	1580	1490	1660
10	60	1170	754	504	410	154	1070	556	782	1650	1500	1710
11	225	1040	752	473	406	254	1060	558	924	1670	1500	1740
12	305	935	744	469	407	384	1080	558	949	1680	1510	1750
13	305	886	740	455	415	501	1040	542	890	1670	1500	1750
14	349	773	735	412	420	642	1060	513	883	1690	1520	1760
15	464	730	737	410	421	752	1040	494	874	1660	1510	1760
16	536	730	745	412	421	886	958	494	852	1650	1500	1740
17	543	733	744	420	416	973	847	492	863	1630	1510	1750
18	600	749	742	430	411	1090	791	483	913	1610	1540	1750
19	716	735	732	441	419	1170	718	477	988	1600	1540	1760
20	777	732	754	436	421	1170	698	596	1010	1600	1540	1760
21	903	732	738	439	420	1170	690	622	1050	1590	1540	1770
22	1080	733	750	429	416	1160	720	634	1060	1560	1540	1730
23	1260	737	723	417	422	1160	703	648	1060	1550	1540	1500
24	1400	737	747	419	424	1160	693	643	1060	1530	1540	1370
25	1500	738	747	408	425	1150	686	674	1090	1490	1560	1230
26	1480	744	754	406	429	1160	677	745	1130	1460	1560	1040
27	1540	747	762	410	421	1170	677	723	1130	1460	1550	870
28	1690	747	752	412	428	1160	685	722	1130	1480	1560	710
29	1700	747	756	412	---	1150	686	728	1120	1460	1590	552
30	1720	745	759	416	---	1150	686	727	1080	1470	1590	474
31	1690	---	754	419	---	1160	---	730	---	1480	1600	---
Mean	673	1036	747	513	419	731	912	621	911	1479	1525	1509
Max.	1720	1710	762	773	429	1170	1180	745	1130	1690	1600	1770
Min.	0	730	723	406	406	0	677	477	852	1060	1480	474
A.F.	41380	61630	45920	31540	23250	44920	54300	38180	54230	90940	93740	89780

DAILY DIVERSIONS OF CANALS--1970
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	212	874	874	951	752	634	1240	486	1010	157	38
2	0	218	845	700	988	719	693	1220	600	1020	127	39
3	0	226	860	745	1040	713	758	1220	944	1020	110	39
4	0	226	832	818	1020	661	884	1210	951	1040	100	21
5	0	249	815	752	958	664	973	1240	1170	1010	101	0
6	0	327	794	680	988	643	1070	1220	1210	1030	88	0
7	0	445	765	303	1010	652	1150	1220	1220	838	83	0
8	0	544	606	315	996	713	1170	1220	1220	670	77	0
9	0	600	606	376	1030	765	1170	1240	1170	547	76	0
10	0	649	742	413	1090	758	1180	1230	958	405	70	0
11	13	713	788	509	1040	725	1160	1220	880	372	69	0
12	44	742	902	600	1050	732	1140	1240	1080	294	67	0
13	51	758	955	686	1060	719	1140	1250	1140	263	69	0
14	132	752	966	725	1070	735	1150	1230	1180	244	67	0
15	179	784	888	781	1070	709	1120	1210	1220	212	63	0
16	203	811	874	832	1080	618	1140	1230	1210	201	56	0
17	209	791	905	835	1180	588	1190	1240	1170	193	56	0
18	199	815	922	832	1190	600	1220	1230	1180	177	56	0
19	197	818	933	888	1170	585	1200	1190	1050	177	54	0
20	195	788	958	1010	1110	514	1220	1100	1000	162	51	0
21	197	821	966	1070	1000	472	1220	891	1040	153	51	0
22	207	818	940	1060	962	450	1230	742	988	144	52	0
23	212	825	947	1070	898	426	1210	624	1020	141	51	0
24	209	818	936	1080	888	432	1220	567	1020	139	54	0
25	205	811	936	1080	832	429	1230	506	1030	127	51	0
26	197	842	947	1100	801	413	1220	475	1030	113	49	0
27	193	866	973	1100	778	429	1210	456	1020	115	45	0
28	191	845	912	1080	755	442	1210	437	1020	118	43	0
29	191	880	658	1080	---	469	1220	448	1030	115	42	0
30	207	877	735	1050	---	509	1220	434	1020	139	41	0
31	212	---	852	1030	---	588	---	418	---	173	40	-
Mean	118	662	859	822	1000	601	1120	981	1040	399	68	5
Max.	212	880	973	1100	1190	765	1230	1250	1220	1040	157	39
Min.	0	212	606	303	755	413	634	418	486	113	40	0
A.F.	7230	39410	52820	50530	55550	36940	66550	60290	62000	24520	4200	270

Water diverted 460400 A.F.

DAILY DIVERSIONS OF CANALS--1970
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	816	681	1275	1501	1053	1520	1495	1497	1488	1329	1868	1538
2	817	694	1281	1439	1074	1532	1489	1473	1493	1375	1817	1541
3	809	687	1283	1504	1037	1516	1487	1498	1484	1250	1608	1545
4	825	688	1341	1498	1044	1505	1477	1553	1488	1260	1474	1528
5	847	687	1339	1488	1040	1504	1494	1621	1489	1480	1420	1482
6	839	686	1324	1352	1073	1488	1491	1643	1485	1694	1400	1445
7	846	681	1332	1225	1101	1478	1484	1691	1490	1498	1425	1411
8	806	768	1424	1201	1111	1489	1520	1629	1483	1867	1470	1381
9	775	749	1415	1175	1108	1489	1548	1556	1485	1868	1479	1303
10	773	726	1502	1172	1200	1481	1562	1564	1491	1718	1475	1197
11	781	798	1436	1185	1237	1482	1550	1552	1483	1561	1479	1171
12	783	838	1389	1178	1247	1480	1566	1556	1484	1493	1503	1170
13	781	914	1400	1179	1249	1485	1495	1557	1480	1456	1547	1139
14	778	941	1411	1172	1230	1480	1486	1556	1481	1389	1594	1151
15	787	993	1399	1177	1247	1488	1496	1562	1480	1389	1619	896
16	784	1018	1398	1165	1248	1397	1490	1544	1488	1522	1680	828
17	783	1183	1421	1102	1331	1484	1493	1564	1487	1691	1723	716
18	719	1247	1428	1109	1438	1490	1358	1553	1480	1821	1716	845
19	688	1269	1428	1104	1507	1483	1235	1560	1487	1765	1738	773
20	706	1316	1438	1104	1521	1475	978	1545	1504	1554	1731	777
21	697	1311	1432	1100	1538	1477	966	1486	1496	1588	1744	732
22	693	1333	1511	1116	1609	1497	964	1484	1501	1626	1664	745
23	688	1240	1511	1079	1550	1485	962	1482	1497	1623	1628	732
24	687	1353	1509	1041	1512	1484	1114	1495	1498	1603	1640	727
25	686	1340	1512	1048	1509	1481	1492	1485	1495	1504	1542	694
26	722	1342	1499	1040	1518	1489	1434	1485	1442	1490	1552	604
27	670	1311	1498	1039	1516	1483	1488	1490	1263	1537	1535	635
28	676	1313	1501	1039	1517	1480	1474	1487	1259	1673	1556	618
29	687	1317	1505	1034	---	1496	1501	1483	1485	1738	1539	613
30	689	1294	1500	1044	---	1484	1489	1475	1825	1825	1543	603
31	688	---	1500	1035	---	1494	---	1497	---	1871	1543	---
Mean	752	1024	1424	1182	1299	1487	1403	1536	1483	1583	1589	1018
Max.	847	1353	1512	1504	1609	1532	1566	1691	1825	1871	1868	1545
Min.	670	681	1275	1034	1037	1397	962	1473	1259	1250	1400	603
A.F.	46270	60930	87550	72680	72130	91430	83460	94460	88250	97310	97690	60580

Water returned 952740 A.F.

DAILY DIVERSIONS OF CANALS--1970
 THIRTY MILE CANAL from Platte River
 Measured through Parshall flume--Sec. 31-12-26 W.

Date	May	June	July	Aug.	Sept.
1	0	76	204	217	137
2	0	76	250	218	135
3	0	78	229	213	138
4	0	97	252	199	131
5	0	94	267	195	112
6	0	95	267	190	109
7	0	95	257	204	109
8	0	95	279	233	106
9	0	95	287	224	103
10	0	97	295	208	105
11	0	93	297	206	100
12	0	94	295	204	89
13	0	90	293	208	91
14	40	84	273	206	95
15	56	80	275	217	89
16	57	76	275	224	78
17	59	72	259	218	28
18	69	40	256	202	0
19	67	0	244	199	0
20	68	0	241	195	0
21	76	55	241	187	0
22	78	84	241	185	0
23	78	84	222	180	0
24	80	81	213	180	0
25	79	85	202	180	0
26	76	93	199	180	0
27	78	102	192	162	0
28	76	120	182	155	0
29	79	123	190	154	0
30	84	190	202	154	0
31	82	---	213	149	-
Mean	41	85	245	195	58
Max.	84	190	297	233	138
Min.	0	0	182	149	0
A.F.	2540	5050	15060	11990	3480

Water diverted 38120 A.F.
 Siphon 550 A.F.
 Total 38670 A.F.
 Acreage reported A-1853-19585; A-1976-3515; A-2077-320; Total-23420

DAILY DIVERSIONS OF CANALS--1970
 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	1300	1400	1900	2000	1770	2120	2130	2070	2070	2040	2170	1880
2	1410	1360	1880	1630	1760	2120	2120	2100	2070	2100	2170	1890
3	1410	1310	1860	1320	1810	2110	2110	2120	2030	2110	2150	1920
4	1370	1280	1910	1430	1790	2110	2090	2130	2000	2110	2160	1980
5	1580	1270	1920	1460	1860	2100	2080	2150	1960	2110	2160	1900
6	1570	1280	1870	1220	1870	2120	2070	2100	1980	2150	2140	1930
7	1460	1260	1880	791	1900	2130	2090	2120	1920	2140	2150	1840
8	1390	1260	1900	964	2000	2120	2080	2110	1940	2140	2150	1920
9	1300	1360	1890	1450	2080	2130	2130	2060	1950	2120	2160	1850
10	1270	1390	1840	1430	2100	2100	2120	2070	1920	2160	2160	1700
11	1290	1450	1890	1440	2090	2110	2130	2090	1970	2170	2140	1680
12	1330	1460	1940	1590	2100	2140	2100	2120	2080	2180	2140	1690
13	1340	1470	1980	1500	2040	2140	2140	2100	2080	2170	2150	1760
14	1390	1440	1990	1730	2050	2110	2150	2100	2090	2160	2160	1830
15	1480	1520	1970	1790	2090	2110	2130	2110	2020	2180	2130	1850
16	1500	1590	1960	1790	2110	2040	2130	2090	2090	2180	2140	1710
17	1460	1740	1980	1630	2080	2100	2100	2060	2110	2180	2140	1670
18	1400	1760	1890	1530	2070	2130	2080	2100	2120	2180	2140	1650
19	1400	1800	1970	1490	2100	2080	2080	2100	2080	2180	2140	1630
20	1350	1870	2000	1440	2100	2110	2090	2100	2050	2180	2150	1600
21	1290	1890	1970	1410	2110	2120	2100	2100	2040	2160	2180	1600
22	1270	1920	2070	1490	2120	2130	2120	2020	2100	2190	2150	1620
23	1260	1840	2080	1630	2090	2120	2120	2100	2090	2170	2170	1630
24	1270	1940	2070	1660	2100	2130	2100	2090	2080	2210	2170	1620
25	1260	1930	2080	1730	2100	2120	2130	2060	2060	2200	2140	1660
26	1250	1890	2070	1700	2100	2130	2100	2060	2050	2180	2120	1600
27	1230	1870	2030	1690	2130	2120	2120	2070	2030	2160	2080	1610
28	1210	1860	2030	1700	2120	2120	2140	2080	2040	2150	2060	1540
29	1270	1900	1940	1720	----	2130	2120	2100	2040	2180	2020	1590
30	1370	1870	1840	1730	----	2120	2080	2080	2070	2180	1930	1620
31	1410	----	1840	1760	----	2120	----	2070	----	2150	1910	----
Mean	1358	1606	1950	1543	2023	2116	2109	2091	2038	2157	2127	1732
Max.	1580	1940	2080	2000	2130	2140	2150	2150	2120	2210	2180	1980
Min.	1210	1260	1840	791	1760	2040	2070	2020	1920	2040	1910	1540
A.F.	83480	95560	119880	94900	112340	130100	125510	128590	121250	132630	130770	103080

Water diverted 1378090 A.F.
 Acreage reported A-2355-89346; (Storage only)-A-3620-952; A-3823-804; A-4656-1496; A-5278-5048; A-7716-800;

DAILY DIVERSIONS OF CANALS--1970
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	91	0	86	445
2	0	0	0	0	0	0	0	0	87	0	66	397
3	0	0	0	0	0	0	0	0	108	0	10	361
4	0	0	0	0	0	0	0	0	156	0	10	348
5	0	0	0	0	0	0	0	0	199	0	10	327
6	0	0	0	0	0	0	0	0	216	0	10	294
7	0	0	0	0	0	0	0	0	218	0	97	266
8	0	0	0	0	0	0	0	0	220	33	216	244
9	0	0	0	0	0	0	0	0	231	50	274	218
10	0	0	0	0	0	0	0	0	260	10	298	205
11	0	0	0	0	0	0	0	0	180	10	298	194
12	0	0	0	0	0	0	0	0	52	10	350	169
13	0	0	0	0	0	0	0	0	0	11	411	150
14	0	0	0	0	0	0	0	0	0	10	435	150
15	0	0	0	0	0	0	0	0	0	10	440	124
16	0	0	0	0	0	0	0	0	0	10	438	84
17	0	0	0	0	0	0	0	0	0	10	455	39
18	0	0	0	0	0	0	0	0	0	10	455	0
19	0	0	0	0	0	0	0	0	0	10	465	0
20	0	0	0	0	0	0	0	0	0	10	510	0
21	0	0	0	0	0	0	0	0	0	10	512	0
22	0	0	0	0	0	0	0	28	0	10	512	0
23	0	0	0	0	0	0	0	114	0	10	482	0
24	0	0	0	0	0	0	0	51	0	10	426	0
25	0	0	0	0	0	0	0	0	0	10	423	0
26	0	0	0	0	0	0	0	0	0	10	426	0
27	0	0	0	0	0	0	0	0	0	10	356	0
28	0	0	0	0	0	0	0	0	0	10	386	0
29	0	0	0	0	0	0	0	42	0	10	443	0
30	0	0	0	0	0	0	0	111	0	10	472	0
31	0	-	-	-	-	0	-	122	-	38	472	-
Mean	0	0	0	0	0	0	0	15	67	11	330	134
Max.	0	0	0	0	0	0	0	122	260	50	512	445
Min.	0	0	0	0	0	0	0	0	0	0	10	0
A.F.	0	0	0	0	0	0	0	930	4000	660	20320	7960

Water returned 33870 A.F.

DAILY DIVERSIONS OF CANALS--1970
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	908	1051	1724	1520	1344	1751	1710	1610	626	298	82	336
2	934	1038	1761	1517	1381	1780	1719	1593	687	260	78	296
3	913	1199	1754	1584	1291	1758	1691	1420	628	134	359	315
4	940	1210	1729	1573	1313	1768	1749	1441	600	134	432	434
5	781	1124	1738	1415	1344	1645	1705	1452	597	134	420	584
6	1074	1159	1760	1122	1568	1680	1685	1443	613	70	416	615
7	1343	933	1736	1028	1598	1702	1683	1403	445	66	458	592
8	1371	1070	1787	938	1593	1717	1717	1399	520	82	481	696
9	1262	836	1692	855	1649	1697	1779	1408	354	35	483	773
10	1180	1174	1543	865	1717	1694	1770	1377	364	30	380	821
11	1341	1174	1526	923	1762	1649	1766	1383	292	29	278	810
12	1015	1324	1402	925	1740	1671	1613	1201	425	44	186	750
13	843	1336	1540	822	1721	1723	1646	1199	986	58	189	668
14	856	1389	1471	897	1776	1749	1741	1342	740	62	236	777
15	1068	1511	1616	910	1728	1761	1727	1283	841	62	21	813
16	1245	1350	1288	950	1627	1783	1713	1318	865	62	8	1237
17	1355	1489	1516	1034	1702	1769	1710	1135	865	62	37	1581
18	1411	1504	1520	1051	1769	1723	1759	1260	970	70	11	1569
19	1148	1479	1402	1039	1746	1732	1618	1042	951	82	36	1292
20	1045	1461	1467	1056	1731	1775	1718	950	943	82	32	952
21	974	1562	1492	1051	1736	1723	1698	793	625	90	75	999
22	956	1540	1502	1028	1726	1698	1627	851	929	90	64	1027
23	918	1374	1621	1069	1733	1701	1636	870	890	86	66	1042
24	913	1561	1573	1165	1734	1703	934	609	726	70	70	1006
25	832	1618	1553	1079	1741	1751	1621	637	517	90	236	1013
26	777	1676	1497	1210	1734	1766	1529	665	617	82	458	1327
27	986	1726	1539	1230	1675	1734	1643	686	327	82	468	1251
28	1001	1723	1554	1213	1781	1710	1591	654	196	71	492	1429
29	986	1743	1551	1220	----	1683	1667	654	354	57	443	1268
30	980	1731	1510	1341	----	1683	1654	712	111	61	368	1225
31	986	----	1461	1344	----	1717	----	691	----	82	488	----
Mean	1043	1369	1575	1128	1641	1722	1661	1112	623	88	253	917
Max.	1371	1743	1787	1584	1781	1783	1779	1610	986	298	492	1581
Min.	777	836	1288	822	1291	1645	934	609	111	29	8	296
A.F.	64150	81450	96840	69370	91160	105910	98810	68390	37100	5390	15570	54540

Water returned 788680 A.F.

DAILY DIVERSIONS OF CANALS--1970
 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	489	821	893	831
2	0	420	813	879	815
3	0	420	842	873	757
4	0	428	906	863	732
5	0	385	987	870	746
6	312	348	965	886	715
7	382	329	984	961	690
8	442	295	1001	898	676
9	437	306	1014	894	592
10	427	366	997	883	588
11	345	422	1004	858	586
12	317	368	989	874	515
13	311	242	1075	895	529
14	306	275	987	919	489
15	312	333	955	934	481
16	309	304	955	909	428
17	284	335	954	904	473
18	361	363	982	879	467
19	437	352	1008	896	461
20	443	336	1014	938	456
21	483	349	972	945	458
22	504	315	978	934	458
23	463	363	970	911	449
24	447	439	934	907	414
25	467	420	888	858	390
26	495	482	909	821	355
27	509	553	955	839	327
28	508	689	947	880	66
29	549	782	905	861	0
30	502	816	891	830	0
31	491	---	910	844	-
Mean	350	411	952	888	498
Max.	549	816	1075	945	831
Min.	0	275	813	821	0
A.F.	21510	24440	58540	54620	29640
Water diverted	188750 A.F.				

DAILY DIVERSIONS OF CANALS--1970

TRI-STATE DIVERSIONS
 FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS
 Summary in Acre-feet--1970

Diverted from:	May	June	July	Aug.	Sept.	Total
North Platte River.....	21510	24440	58540	54620	29640	188750
*Optional Diversions.....	220	110	1110	1350	730	3520
**Drains.....	470	0	0	0	680	1150
Total.....	22200	24550	59650	55970	31050	193420

Water diverted 193420 A.F.

Acreage reported D-918-58440; A-660-2913; O.D.'s-1716; Total-63069
 Pathfinder Storage included

*Estimate based on Alliance Drain diversions onto Farmers Irrigation District lands.
 **Diverted by Tri-State in excess of delivery to Northport Irrigation District

DAILY DIVERSIONS OF CANALS--1970
 UNION CANAL from Blue Creek--Measured
 through rating flume--Sec. 18-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	15	18	17
2	2	0	0	17	20	17
3	1	0	0	17	19	17
4	1	0	0	18	19	18
5	0	0	0	17	19	19
6	0	0	0	17	19	17
7	0	0	0	19	19	17
8	0	0	0	18	19	17
9	0	0	0	18	19	15
10	0	0	0	18	18	14
11	0	0	0	18	19	15
12	0	0	0	19	18	14
13	0	0	0	19	13	15
14	0	0	0	18	21	15
15	0	0	0	18	19	15
16	0	0	0	17	18	15
17	0	0	0	18	18	16
18	0	0	0	18	18	16
19	0	0	0	17	18	14
20	0	0	0	17	17	10
21	0	0	0	18	17	7
22	0	0	0	18	15	5
23	0	0	0	18	15	2
24	0	0	0	18	15	2
25	0	0	0	17	15	2
26	0	0	0	17	15	1
27	0	0	6	17	16	2
28	0	0	10	17	16	5
29	0	0	10	17	18	4
30	0	0	11	17	17	4
31	0	0	--	17	17	--
Mean	0	0	1	18	18	12
Max.	2	0	11	19	21	19
Min.	0	0	0	15	13	1
A.F.	10	0	70	1080	1080	690

Water diverted 2930 A.F.
 Acreage reported D-763-1306

DAILY DIVERSIONS OF CANALS--1970
 WESTERN CANAL from South Platte River
 Measured in section of canal--Sec. 14-12-43 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	103	0	122	208	227	106	38
2	103	0	152	181	215	90	36
3	99	0	166	159	251	82	41
4	109	0	155	208	290	82	43
5	126	0	181	129	223	74	47
6	122	0	155	122	159	68	52
7	122	0	82	149	136	66	43
8	126	0	74	200	149	66	40
9	132	0	90	166	152	66	40
10	155	0	106	126	112	66	36
11	177	0	119	177	90	63	40
12	94	0	122	223	85	63	63
13	0	0	119	189	90	54	74
14	0	0	122	251	90	50	74
15	0	0	63	294	88	47	90
16	0	0	93	315	109	45	139
17	0	0	106	268	142	41	177
18	0	0	96	285	132	40	177
19	0	0	116	389	126	36	152
20	0	0	76	324	129	36	155
21	0	0	36	315	119	34	152
22	0	0	15	298	109	32	152
23	0	94	4	264	112	34	152
24	0	142	0	242	112	36	136
25	0	136	0	255	146	32	129
26	0	126	45	260	185	34	149
27	0	129	173	247	177	34	189
28	0	136	142	223	219	41	177
29	0	119	152	208	302	41	181
30	0	112	61	219	200	40	155
31	0	---	192	---	146	41	---
Mean	47	33	101	230	156	53	104
Max.	177	142	192	389	302	106	189
Min.	0	0	0	122	85	32	36
A.F.	2910	1970	6220	13670	9560	3250	6210

Water diverted 43790 A.F.
 Acreage reported A-393-11844; A-1804-800; A-4739-498;
 Total-13142

DAILY DIVERSIONS OF CANALS--1970

WINTERS CREEK CANAL from North Platte River--Measured
 through 8-foot Parshall flume--Sec. 17-22-55 W.

Date	May	June	July	Aug.	Sept.
1	0	17	29	29	28
2	0	15	30	30	25
3	0	13	30	30	24
4	0	13	30	30	24
5	0	13	28	30	25
6	0	12	23	30	23
7	0	12	24	30	21
8	0	11	22	30	21
9	0	11	17	29	23
10	0	11	13	29	24
11	0	9	13	28	25
12	5	7	10	27	22
13	11	7	17	26	20
14	12	6	36	27	19
15	16	7	30	28	18
16	19	9	30	28	20
17	20	10	30	29	18
18	16	8	29	30	14
19	18	3	28	30	13
20	25	0	20	30	14
21	25	0	28	28	14
22	22	0	28	28	15
23	22	0	28	28	15
24	21	0	28	28	15
25	20	7	27	28	16
26	18	17	28	27	16
27	10	20	28	27	14
28	16	22	29	27	13
29	16	25	26	27	16
30	17	25	25	28	7
31	18	--	28	28	--
Mean	11	10	26	29	19
Max.	25	25	30	30	28
Min.	0	0	10	26	7
A.F.	690	610	1570	1750	1110

Water diverted 5730 A.F.

WINTERS CREEK CANAL from Winter Creek--Measured
 through 8-foot Parshall flume--Sec. 19-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	16	0	24	36	51	32
2	3	0	23	33	47	32
3	0	0	21	35	52	34
4	0	0	20	37	56	34
5	0	0	19	46	58	36
6	0	0	23	54	58	35
7	0	1	22	48	57	36
8	0	8	35	44	52	32
9	0	5	25	43	53	31
10	0	4	29	45	51	31
11	0	7	19	43	43	28
12	0	18	0	46	24	27
13	0	17	0	43	28	28
14	0	13	0	51	36	22
15	0	12	0	49	42	18
16	0	16	0	49	49	21
17	0	23	0	48	51	22
18	0	22	3	48	49	23
19	0	24	2	45	52	23
20	0	28	3	24	52	23
21	0	28	7	38	54	18
22	0	33	6	45	52	20
23	0	30	7	46	52	23
24	0	37	6	50	50	21
25	0	36	16	49	49	17
26	0	30	26	50	48	16
27	0	24	21	36	41	16
28	0	28	15	31	40	18
29	0	28	19	54	34	18
30	0	20	30	52	32	13
31	0	16	--	52	32	--
Mean	1	16	14	44	47	25
Max.	16	37	35	54	58	36
Min.	0	0	0	24	24	13
A.F.	40	1010	840	2720	2870	1480

Water diverted 8960 A.F.

DAILY DIVERSIONS OF CANALS--1970

WINTERS CREEK DIVERSIONS
Summary in Acre-feet--1970

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	0	690	610	1570	1750	1110	5730
Winters Creek.....	60	1100	860	2920	2890	1550	9380
Total diversion.....	60	1790	1470	4490	4640	2660	15110

Water diverted 15110 A.F.
Acreage reported D-952-5748

DAILY DIVERSIONS OF CANALS--1970
WINTERS CREEK FACTORY LATERAL from Winter Creek
Measured through 2-foot Parshall flume--Sec. 19-22-54 W.

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

Water diverted 420 A.F.

MISCELLANEOUS DATA

PRECIPITATION AT VARIOUS POINTS

Data Compiled by Water Year from Records
of the United States Weather Bureau
Values in Inches

	<u>Normal</u>		<u>1969</u>		<u>1970</u>	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION 4080						
October	0.67	0.67	0.80	0.80	1.88	1.88
November	0.38	1.05	0.10	0.90	0.30	2.18
December	0.31	1.36	0.34	1.24	0.15	2.33
January	0.24	1.60	0.38	1.62	0.47	2.80
February	0.24	1.84	0.44	2.06	0.11	2.91
March	0.61	2.45	0.17	2.23	0.50	3.41
April	1.46	3.91	1.01	3.24	1.34	4.75
May	2.35	6.26	1.71	4.95	1.27	6.02
June	2.97	9.23	1.44	6.39	2.66	8.68
July	1.34	10.57	1.10	7.49	1.75	10.43
August	1.11	11.68	1.48	8.97	0.05	10.48
September	1.10	12.78	0.00	8.97	0.36	10.84
*57-year record						
BRIDGEPORT STATION, MORRILL COUNTY--ELEVATION 3666						
October	0.66	0.66	1.06	1.06	2.22	2.22
November	0.40	1.06	0.18	1.24	0.47	2.69
December	0.36	1.42	0.35	1.59	0.24	2.93
January	0.35	1.77	0.59	2.18	0.57	3.50
February	0.32	2.09	0.30	2.48	0.17	3.67
March	0.76	2.85	0.50	2.98	0.49	4.16
April	1.47	4.32	0.68	3.66	2.82	6.98
May	2.68	7.00	3.87	7.53	1.35	8.33
June	3.10	10.10	2.87	10.40	3.21	11.54
July	2.06	12.16	1.15	11.55	1.80	13.34
August	1.36	13.52	0.59	12.14	0.00	13.34
September	1.35	14.87	0.33	12.47	0.58	13.92
*72-year record						
*OSHKOSH STATION, GARDEN COUNTY--ELEVATION 3393						
October	0.82	0.82	0.59	0.59	3.10	3.10
November	0.54	1.36	0.50	1.09	0.20	3.30
December	0.41	1.77	0.47	1.56	0.08	3.38
January	0.37	2.14	0.62	2.18	0.50	3.88
February	0.40	2.54	0.43	2.61	0.08	3.96
March	0.92	3.46	0.36	2.97	1.06	5.02
April	1.92	5.38	0.52	3.49	2.01	7.03
May	2.68	8.06	5.26	8.75	2.26	9.29
June	2.81	10.87	3.31	12.06	3.10	12.39
July	2.15	13.02	1.48	13.54	3.05	15.44
August	1.91	14.93	3.27	16.81	0.00	15.44
September	1.39	16.32	0.14	16.95	0.46	15.90
*57-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1969</u>		<u>1970</u>	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION 2775						
October	0.91	0.91	1.50	1.50	2.91	2.91
November	0.50	1.41	0.46	1.96	0.18	3.09
December	0.40	1.81	0.87	2.83	0.10	3.19
January	0.43	2.24	0.94	3.77	0.23	3.42
February	0.52	2.76	0.26	4.03	0.28	3.70
March	0.98	3.74	0.17	4.20	0.97	4.67
April	2.01	5.75	0.15	4.35	2.46	7.13
May	2.95	8.70	1.35	5.70	1.31	8.44
June	3.25	11.95	4.20	9.90	4.33	12.77
July	2.52	14.47	2.52	12.42	1.68	14.45
August	2.13	16.60	1.61	14.03	0.28	14.73
September	1.67	18.27	0.80	14.83	2.27	17.00
*30-year record						

*LEXINGTON STATION, DAWSON COUNTY--ELEVATION 2340

October	1.49	1.49	2.90	2.90	4.14	4.14
November	0.70	2.19	0.24	3.14	0.22	4.36
December	0.66	2.85	1.33	4.47	0.39	4.75
January	0.50	3.35	0.75	5.22	0.16	4.91
February	0.72	4.07	2.00	7.22	0.13	5.04
March	1.10	5.17	0.32	7.54	0.99	6.03
April	2.38	7.55	1.19	8.73	1.49	7.52
May	3.23	10.78	2.35	11.08	2.88	10.40
June	3.74	14.52	4.81	15.89	4.67	15.07
July	2.99	17.51	3.14	19.03	3.80	18.87
August	2.70	20.21	1.60	20.63	3.17	22.04
September	1.98	22.19	3.17	23.80	2.23	24.27
*19-year record						

*GRAND ISLAND STATION, HALL COUNTY--ELEVATION 1841

October	0.96	0.96	3.61	3.61	3.43	3.43
November	0.76	1.72	0.61	4.22	0.19	3.62
December	0.56	2.28	2.17	6.39	0.82	4.44
January	0.63	2.91	0.91	7.30	0.04	4.48
February	0.74	3.65	2.48	9.78	0.24	4.72
March	1.27	4.92	0.19	9.97	0.42	5.14
April	2.28	7.20	2.55	12.52	2.72	7.86
May	3.85	11.05	4.13	16.65	2.49	10.35
June	3.79	14.84	3.46	20.11	0.81	11.16
July	2.51	17.35	3.10	23.21	0.63	11.79
August	2.35	19.70	3.75	26.96	3.36	15.15
September	2.15	21.85	2.01	28.97	5.76	20.91
*78-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1969</u>		<u>1970</u>	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION 4090						
October	0.76	0.76	0.84	0.84	4.08	4.08
November	0.47	1.23	0.16	1.00	0.30	4.38
December	0.46	1.69	0.73	1.73	0.22	4.60
January	0.32	2.01	0.34	2.07	0.38	4.98
February	0.33	2.34	0.37	2.44	0.11	5.09
March	0.88	3.22	0.38	2.82	1.52	6.61
April	1.87	5.09	1.07	3.89	2.74	9.35
May	2.78	7.87	3.82	7.71	3.05	12.40
June	2.85	10.72	4.17	11.88	5.26	17.66
July	1.99	12.71	1.41	13.29	4.64	22.30
August	1.79	14.50	0.82	14.11	0.17	22.47
September	1.27	15.77	0.36	14.47	0.81	23.28
*42-year record						
*ORD STATION, VALLEY COUNTY--ELEVATION 2070						
October	1.14	1.14	3.20	3.20	4.35	4.35
November	0.73	1.87	0.79	3.99	0.26	4.61
December	0.68	2.55	1.06	5.05	0.87	5.48
January	0.66	3.21	0.87	5.92	0.04	5.52
February	0.78	3.99	2.08	8.00	0.18	5.70
March	1.49	5.48	0.52	8.52	1.67	7.37
April	2.29	7.77	0.10	8.62	4.29	11.66
May	3.46	11.23	1.31	9.93	0.80	12.46
June	3.79	15.02	3.64	13.57	3.45	15.91
July	2.37	17.39	5.18	18.75	2.01	17.92
August	2.18	19.57	1.95	20.70	1.44	19.36
September	1.98	21.55	1.52	22.22	2.30	21.66
*79-year record						
*FORT ROBINSON STATION, DAWES COUNTY--ELEVATION 3807						
October	0.86	0.86	0.61	0.61	2.31	2.31
November	0.61	1.47	0.27	0.88	1.09	3.40
December	0.44	1.91	0.39	1.27	0.10	3.50
January	0.45	2.36	0.66	1.93	0.46	3.96
February	0.55	2.91	0.36	2.29	0.18	4.14
March	1.11	4.02	0.79	3.08	0.82	4.96
April	2.23	6.25	0.99	4.07	2.86	7.82
May	3.39	9.64	1.22	5.29	1.20	9.02
June	3.16	12.80	3.13	8.42	4.16	13.18
July	1.72	14.52	4.40	12.82	2.05	15.23
August	1.50	16.02	1.02	13.84	0.50	15.73
September	1.47	17.49	0.45	14.29	0.76	16.49
*86-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1969</u>		<u>1970</u>	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION 2720						
October	0.99	0.99	0.60	0.60	4.98	4.98
November	0.65	1.64	0.45	1.05	0.14	5.12
December	0.48	2.12	0.80	1.85	0.35	5.47
January	0.46	2.58	0.40	2.25	0.62	6.09
February	0.61	3.19	0.15	2.40	0.00	6.09
March	1.23	4.42	0.35	2.75	1.16	7.25
April	1.91	6.33	1.12	3.87	0.94	8.19
May	3.24	9.57	8.41	12.28	1.17	9.36
June	3.08	12.65	No report		4.07	13.43
July	2.66	15.31	4.38		1.75	15.18
August	2.49	17.80	0.73		1.05	16.23
September	1.58	19.38	1.94		1.81	18.04
*82-year record						
*GENOA STATION, NANCE COUNTY--ELEVATION 1590						
October	1.08	1.08	5.41	5.41	3.94	3.94
November	0.81	1.89	0.76	6.17	0.06	4.00
December	0.71	2.60	2.44	8.61	1.17	5.17
January	0.62	3.22	0.82	9.43	0.10	5.27
February	0.81	4.03	2.37	11.80	0.18	5.45
March	1.24	5.27	0.14	11.94	0.47	5.92
April	2.20	7.47	0.33	12.27	2.61	8.53
May	3.63	11.10	3.00	15.27	3.79	12.32
June	4.48	15.58	3.62	18.89	1.31	13.63
July	2.87	18.45	3.21	22.10	2.75	16.38
August	2.73	21.18	5.18	27.28	3.25	19.63
September	2.19	23.37	1.66	28.94	5.74	25.37
*94-year record						
*HOLDREGE STATION, PHELPS COUNTY--ELEVATION 2330						
October	1.18	1.18	4.08	4.08	5.25	5.25
November	0.77	1.95	0.51	4.59	0.25	5.50
December	0.57	2.52	1.25	5.84	0.69	6.19
January	0.60	3.12	0.97	6.81	0.15	6.34
February	0.78	3.90	1.26	8.07	0.20	6.54
March	1.28	5.18	0.41	8.48	1.13	7.67
April	2.36	7.54	0.47	8.95	2.53	10.20
May	3.86	11.40	4.44	13.39	2.76	12.96
June	4.20	15.60	4.42	17.81	4.32	17.28
July	2.42	18.02	5.04	22.85	1.88	19.16
August	2.45	20.47	5.81	28.66	1.64	20.80
September	2.23	22.70	3.70	32.36	5.26	26.06
*80-year record						

MONTHLY EVAPORATION IN FEET--1969

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
Pathfinder Dam	0.522	0.738	0.624	1.001	0.967	0.777	/
Whalen Dam	/	0.733	0.650	0.868	0.954	0.690	/
Bridgeport	0.481	0.596	0.554	0.776	0.770	0.528	0.216
Kingsley Dam	/	0.516	0.529	0.697	0.673	0.480	/
North Platte	0.632	0.711	0.808	0.851	0.961	0.663	/

MONTHLY EVAPORATION IN FEET--1970

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
Pathfinder	0.321	0.636	0.744	0.897	0.872	0.628	/
Whalen Dam	0.389	0.786	0.864	/	0.894	0.588	/
Bridgeport	0.414	0.628	0.755	0.782	0.693	0.498	0.228
Kingsley Dam	/	0.572	0.688	0.757	0.698	0.425	/
North Platte	0.568	0.855	0.962	1.132	0.990	0.775	/

All are United States Weather Bureau Class "A" pans

/ No record reported

SUMMARY
ANNUAL DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Water Year Ending September 30, 1969			Water Year Ending September 30, 1970		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
Ainsworth	34904	50890	1.46	34945	75490	2.16
Alliance	6304	22130	3.51	6304	20190	3.20
Bartley	7544	9970	1.32	7440	12550	1.69
Beerline	2080	2240	1.08	2080	3290	1.58
Belmont	14222	28710	2.02	14356	30370	2.12
Birdwood	5287	10630	2.01	5287	8510	1.61
Blue Creek	2901	7190	2.48	2901	6800	2.34
Browns Creek	6119	13940	2.28	6176	14900	2.41
Cambridge	18566	26350	1.42	18566	36930	1.99
Castle Rock--Steamboat	6537	24530	3.75	6537	21790	3.33
Central	2127	6080	2.86	2127	6160	2.90
Champion	1248	3060	2.45	1138	2130	1.87
Chimney Rock	5269	16520	3.14	5269	16720	3.17
Cody-Dillon	4743	7650	1.61	4743	5870	1.24
Court House Rock	1492	2590	1.74	1492	2670	1.79
Courtland for Nebr lands	1984	4780	2.41	1984	13390	6.75
Cozad	25195	26440	1.05	25195	27530	1.09
Culbertson	20996	53230	2.54	20996	48720	2.32
Dawson County	90946	54370	0.60	91026	54940	0.60
Earnest	424	1670	3.94	411	1030	2.51
Empire	2191	5940	2.71	2191	5520	2.52
Enterprise	7572	24050	3.18	7506	24490	3.26
Farwell	48597	110050	2.26	48789	109210	2.24
**Fort Laramie	105056	333070	3.17	105056	319540	3.04
Franklin	11095	21490	1.94	11094	32800	2.96
Franklin Pump	2142	1820	0.85	2142	4270	1.99
Gering	14244	41700	2.93	14244	38740	2.72
**Gothenburg	22445	37140	1.65	22445	34380	1.53
Graf	2088	2370	1.14	1667	3160	1.90
Harris-Neece	1109	2640	2.38	1109	2550	2.30
Hooper	877	2910	3.32	877	2880	3.28
Interstate	125075	513250	4.10	125075	506030	4.05
**Kearney	7027	10500	1.49	7027	12030	1.71
Keith-Lincoln Co.	6092	23890	3.92	6092	22050	3.62
Kimball	3785	3850	1.02	3785	2070	0.55
Last Chance	442	1480	3.35	330	1240	3.76

SUMMARY
ANNUAL DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Water Year Ending September 30, 1969			Water Year Ending September 30, 1970		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
Lichte	714	430	0.60	569	540	0.95
Lisco	3729	7350	1.97	3758	8630	2.30
McGinley-Stover	695	590	0.85	695	470	0.68
McLaughlin	500	970	1.94	500	840	1.68
Meeker-Driftwood	17591	33950	1.93	17659	42830	2.43
Meredith-Ammer	450	1050	2.33	470	1010	2.15
Middle Loup PPID No. 1	3387	5200	1.54	3387	5410	1.60
Middle Loup PPID No. 2	4277	5860	1.37	4242	5940	1.40
Middle Loup PPID No. 3	10251	10410	1.02	10202	12150	1.19
Middle Loup PPID No. 4	9122	10920	1.20	8083	13590	1.68
Midland-Overland	2258	1810	0.80	2288	2530	1.11
Minatare	9372	20120	2.15	9372	20070	2.14
Mirage Flats	11669	20050	1.72	11669	19000	1.63
Mitchell	13633	21000	1.54	13633	28280	2.07
Moore-Kay	400	1120	2.80	400	1490	3.72
Naponee	1754	1930	1.10	1754	4310	2.46
Nine Mile	5229	20230	3.87	5665	18580	3.28
No. Loup PPID Taylor-Ord	14952	27060	1.81	15028	28880	1.92
No. Loup PPID Burwell-Sumter	8277	14430	1.74	8185	15190	1.86
No. Loup PPID Ord-North Loup	6630	10240	1.54	6693	11590	1.73
North Platte	14065	53420	3.80	14067	50290	3.58
Northport	16109	77030	4.78	16109	81510	5.06
Orchard-Alfalfa	5915	7650	1.29	5915	9680	1.64
Owasco	736	850	1.15	689	880	1.28
Oshkosh	672	0	0.00	673	0	0.00
Paisley	1086	2270	2.09	1086	2140	1.97
Paxton-Hershey	7323	20570	2.81	7223	22620	3.13
Pioneer	867	1820	2.10	867	1090	1.26
Potmesil	615	1480	2.41	618	1070	1.73
Ramshorn	1650	4520	2.74	1652	3960	2.40
Red Willow	4821	7600	1.58	4821	8860	1.84
Sargent	13352	24620	1.84	13607	25530	1.88
Sheridan-Wilson	918	1830	1.99	918	1790	1.95
Short Line	3020	7340	2.43	3020	7540	2.50
Six Mile	1173	2100	1.79	1173	1010	0.86
Suburban	5621	23920	4.26	5610	23080	4.11

SUMMARY
ANNUAL DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Water Year Ending September 30, 1969			Water Year Ending September 30, 1970		
	*Irrigated Acreage	Acre-feet Total	Diverted Per Acre	*Irrigated Acreage	Acre-feet Total	Diverted Per Acre
Superior	5864	10250	1.75	5864	16620	2.83
Thirty Mile	23462	33400	1.42	23420	38670	1.65
**Tri-County	126881	283020	2.23	126881	314580	2.48
Tri-State	62925	197210	3.13	63069	193420	3.07
Union	1306	2600	1.99	1306	2930	2.24
Western	12566	23320	1.86	13142	43790	3.33
Winters Creek	5748	17580	3.06	5748	15110	2.63

*From Annual acreage reports filed by April 1, which listed the lands intended to be irrigated
 **For irrigation exclusive of power
 Net diversion - spills have been deducted

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, 1969

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey to Whalen	15130	0	0	0	0	0	28610	140140	74100	201000	218720	168620	846320
Whalen to State Line	0	0	0	0	0	0	0	17280	15580	30150	32860	20160	116030
State Line to Mitchell	540	0	0	0	0	0	60	34750	38680	81890	91040	55850	302810
Mitchell to Minatare	3210	0	0	0	0	0	970	7090	9990	17730	17620	11700	68310
Minatare to Bridgeport	3520	0	0	0	0	0	1300	11550	16630	23960	24540	19370	100870
Bridgeport to Lisco	1030	0	0	0	0	0	40	1270	4130	9390	8210	4580	28650
Lisco to Keystone	5060	0	0	0	0	0	0	1910	7010	13040	7800	7810	42630
Keystone to North Platte	10900	780	0	0	0	0	3330	18720	21780	31250	35970	19180	141910
North Platte to Odessa	6380	0	0	0	0	0	8550	48820	61470	138990	163050	27360	454620
Total, Guernsey-Odessa	45770	780	0	0	0	0	42860	281530	249370	547400	599810	334630	2102150

For the Water Year Ending September 30, 1970

Guernsey to Whalen	20970	0	0	0	0	0	28600	105420	81470	212110	214230	162770	825570
Whalen to State Line	0	0	0	0	0	0	0	10980	18630	33550	32510	20330	116000
State Line to Mitchell	160	0	0	0	0	0	40	33990	41480	90520	86340	50850	303380
Mitchell to Minatare	1840	0	0	0	0	0	0	6410	8320	17680	17880	11000	63130
Minatare to Bridgeport	3070	0	0	0	0	0	580	13380	16210	23510	23760	18220	98730
Bridgeport to Lisco	1070	0	0	0	0	0	0	2000	4950	9030	9400	5290	31740
Lisco to Keystone	4120	0	0	0	0	0	1970	6900	16400	15160	8530	11150	64230
Keystone to North Platte	3130	280	0	0	0	0	1940	15070	20690	37910	34580	20610	134210
North Platte to Odessa	670	0	0	0	0	0	5180	53720	90030	202220	110750	30250	492820
Total, Guernsey-Odessa	35030	280	0	0	0	0	38310	247870	298180	641690	537980	330470	2129810

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1969

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:								
Akers Draw.....	0	0	370	690	740	840	650	3290
Sheep Creek.....	0	0	1790	5440	5130	6160	6140	24660
Dry Spotted Tail Creek.....	0	0	440	410	860	1320	1150	4180
Wet Spotted Tail Creek.....	0	0	460	1140	810	1270	1760	5440
Tub Springs.....	0	0	620	1420	2280	2390	2120	8830
Enterprise Canal from:								
Dry Spotted Tail Creek.....	0	0	270	470	840	230	0	1810
Morrill Drain.....	20	0	10	60	90	190	200	570
Winter Creek.....	0	0	30	120	120	120	150	540
Tub Springs.....	0	0	0	0	0	0	0	0
Winter Creek Canal from:								
Winter Creek.....	80	0	1280	1590	2920	3160	2210	11240
Alliance Canal from:								
Bayard Drain.....	0	250	1470	1520	2030	1250	1700	8220
Red Willow Creek.....	870	270	1510	1100	3050	4460	2650	13910
Total.....	970	520	8250	13960	18870	21390	18730	82690

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1970

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:								
Akers Draw.....	0	0	450	640	830	920	670	3510
Sheep Creek.....	0	0	1380	2660	5150	5690	4720	19600
Dry Spotted Tail Creek.....	0	0	300	500	1250	1620	1600	5270
Wet Spotted Tail Creek.....	0	0	370	930	1250	1170	1890	5610
Tub Springs.....	0	0	510	1610	2430	2740	1980	9270
Enterprise Canal from:								
Dry Spotted Tail Creek.....	0	0	0	0	0	0	0	0
Morrill Drain.....	0	0	30	40	120	210	250	650
Winter Creek.....	0	0	50	130	110	100	70	460
Tub Springs.....	0	0	0	0	0	0	0	0
Winter Creek Canal from:								
Winter Creek.....	40	0	1010	840	2720	2870	1480	8960
Alliance Canal from:								
Bayard Drain.....	240	80	1520	1630	1640	970	1230	7310
Red Willow Creek.....	190	500	1520	1150	2940	4120	2460	12880
Total.....	470	580	7140	10130	18440	20410	16350	73520

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, 1969

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	150	170	110	60	60	60	60	2370	2800	1810	630	830	9110
Bayard Sugar Factory Drain	1800	1520	1250	1260	1130	1040	880	620	360	370	1010	800	12040
Cleveland Drain	1020	250	60	60	60	60	340	1220	1180	1250	690	1020	7210
*Degraw Drain	430	250	140	210	270	350	190	240	610	340	330	520	3880
Dugout Creek, Upper	630	390	530	310	270	150	90	1170	1990	1320	1280	1210	9340
*Fairfield Seep	320	190	110	60	60	60	60	120	140	250	400	240	2010
*Fanning Seep	50	60	40	0	0	60	10	0	0	0	0	0	220
Gering Drain	2430	1960	1820	1630	1280	1370	1250	3810	4350	4450	4310	6620	35280
Horse Creek	4320	2390	1650	1430	1370	1290	980	5100	10310	4200	3370	6360	42770
Indian Creek	970	390	280	350	280	360	290	420	860	960	1160	1560	7880
*Lane Drain	230	130	120	120	110	70	60	80	100	80	110	230	1440
Melbeta Drain	140	120	110	60	60	60	60	380	1120	1080	440	1040	4670
Nine Mile Drain	9660	6660	5650	4980	4210	4440	4070	6010	8880	9030	13280	13820	90690
Red Willow Drain	6470	4840	4330	3840	3090	3390	2880	8360	8990	4800	4680	8580	64250
*Scottsbluff Drain No. 1	430	160	120	120	60	150	40	60	360	330	560	720	3110
*Scottsbluff Drain No. 2	250	70	60	60	60	60	60	90	250	460	700	870	2990
Sheep Creek	7260	6120	5800	5220	4540	4710	4360	1160	160	310	360	1260	41260
Spotted Tail Creek, Dry	2200	1310	940	930	1210	1140	1010	960	1230	1080	2400	3960	18370
*Spotted Tail Creek, Wet	640	700	650	550	440	490	520	440	390	660	620	520	6620
Tub Springs	3350	2690	2350	2150	1710	1650	1420	1940	2140	1800	2150	2930	26280
Winter Creek	4030	3350	2910	2720	2590	2640	2440	2610	2770	1760	2690	5050	35560
Totals	46780	33720	29030	26120	22860	23600	21070	37160	48990	36340	41170	58140	424980

*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, 1970

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	330	180	150	70	80	110	60	1920	4740	3970	2500	6390	20500
Bayard Sugar Factory Drain	1880	1730	1350	1290	1010	1240	1170	230	890	710	1700	1560	14760
✓Cleveland Drain	920	220	100	30	60	60	90	560	1240	850	780	830	5740
DeGraw Drain	520	320	260	290	200	180	200	250	350	250	410	580	3810
✓Dugout Creek, Upper	640	410	370	340	200	170	140	1100	1720	1150	970	1790	9000
*Fairfield Seep	290	280	120	120	110	100	120	220	200	550	490	270	2870
*Fanning Seep	60	60	40	20	60	30	0	0	0	0	0	60	330
Gering Drain	2280	2180	1800	1590	1420	1500	1510	2780	4570	5500	4590	8160	37880
Horse Creek	5110	2970	2130	1590	1370	1250	1560	6320	15460	8040	6100	13120	65020
✓Indian Creek	790	420	360	300	220	260	280	800	800	1360	1900	1830	9320
*Lane Drain	170	120	140	160	90	60	60	70	200	130	250	310	1760
✓Melbeta Drain	200	120	120	120	110	120	120	400	460	630	620	1150	4170
Nine Mile Drain	10430	7550	6200	5430	4280	4400	4470	6020	8930	10580	14020	14180	96490
Red Willow Drain	8210	5220	4450	4190	3400	3530	3040	7980	8550	5630	6020	11110	71330
*Scottsbluff Drain No. 1	320	200	120	120	90	50	30	130	260	360	810	830	3320
*Scottsbluff Drain No. 2	310	200	120	120	100	60	80	270	430	790	920	710	4110
Sheep Creek	7480	6230	5760	5380	4470	4690	4590	2800	2180	300	410	2160	46450
Spotted Tail Creek, Dry	2760	1600	1320	830	660	1180	1290	1740	1730	2860	3200	3790	22960
*Spotted Tail Creek, Wet	490	600	610	580	410	510	540	500	580	780	870	630	7100
Tub Springs	4060	3260	2630	2130	1580	1730	1640	2350	1820	2280	2320	3410	29210
Winter Creek	4920	3610	3190	2580	2020	2140	2490	2580	3730	2110	3900	6190	39460
Totals	52170	37480	31340	27280	21940	23370	23480	39020	58840	48830	52780	79060	495590

*Estimated for entire year from measurements.

✓Estimated October-April, inclusive. One reading daily May-September.

CONTRIBUTION FROM DRAINS

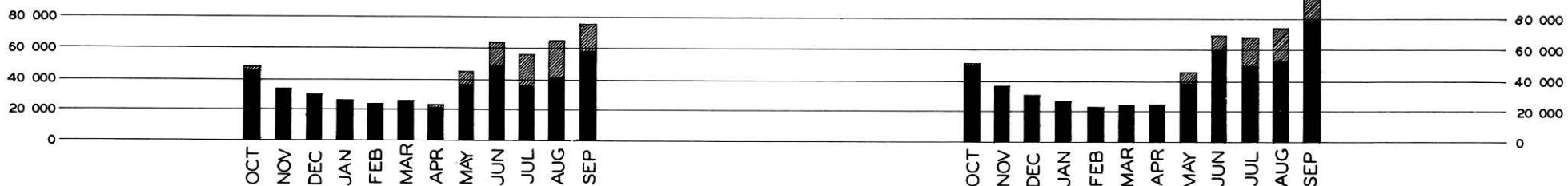
WYO-NEBR LINE TO BRIDGEPORT

VALUES IN ACRE FEET

1969

MONTHLY

1970



ANNUAL

