

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

HYDROGRAPHIC REPORT

1971 — 1972

DEPARTMENT OF WATER RESOURCES

Dan S. Jones, Jr.
Director



MAILING ADDRESS

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State of Nebraska

J. JAMES EXON, Governor

May 1, 1974

IN REPLY REFER TO

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 1971 and 1972 for the State of Nebraska.

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,

A handwritten signature in cursive script, appearing to read "Dan S. Jones, Jr.".

Dan S. Jones, Jr.
Director of Water Resources

DSJ:th

STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

STORAGE IN RESERVOIRS

DAILY DISCHARGE RECORDS OF MISCELLANEOUS
STREAMS AND CANAL DIVERSIONS

1971 - 1972

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

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HYDROGRAPHIC REPORT 1971 AND 1972

INTRODUCTION

The records of daily diversions of water from streams by canals during the 1971 and 1972 water years are published in this Hydrographic Report. Also published herein are discharge records for certain Nebraska streams and records of storage in certain 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. Such cooperative discharge records are 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, 1420 P. Street, 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 records 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

1971

BENNETT RESERVOIR STORAGE IN ACRE-FEET
 A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.
 Water Year Ending September 30, 1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1			570					1070	1130	778	595	390
2								1070	1140	762	594	390
3								1070	1100	761	582	388
4								1060	1080	754	575	384
5								1070	1070	763	572	356
6								1080	1040	758	570	349
7								1090	1040	755	546	341
8								1100	1010	741	525	343
9								1110	996	738	524	335
10								1120	967	733	514	339
11					758			1130	956	724	503	329
12						869		1130	943	710	493	328
13							959	1140	937	704	484	316
14			580	617				1130	921	692	478	315
15								1130	911	687	473	309
16	329							1120	890	680	470	305
17		472						1130	886	666	463	302
18								1130	857	653	462	301
19								1130	850	651	453	307
20								1120	847	646	452	307
21								1120	854	641	441	304
22								1120	840	635	439	302
23								1130	837	635	426	306
24								1150	819	630	415	308
25					1020			1140	834	623	427	307
26								1140	829	617	422	306
27								1130	791	617	421	301
28				732			1060	1130	779	615	411	300
29								1130	771	613	405	301
30						888		1130	764	605	406	298
31			600					1150		602	400	

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
 From Niobrara River--Sec. 28-29-49 W.
 Live Storage for Irrigation
 Water Year Ending September 30, 1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1		3550										
2											9260	1120
3												
4												869
5								17200		17800		
6									19590			906
7												
8	2300											981
9											6680	
10					10670	12920	15810	17870				
11				8700								
12												
13	2530									14950	5280	
14												
15	2640		7040									
16												
17	2770											
18												
19								18540		13130		
20					11530	3750	16360		19800			
21				9300							3200	
22												1770
23												
24								18750				
25												
26										10850	1960	
27									20650			
28					12180							
29		5740	7930				17150					
30									20270			2320
31				9920		14590		19210		9670	1370	

CRESCENT LAKE STORAGE IN ACRE-FEET
Head of Blue Creek--Sec. 21-20-44 W.
Water Year Ending September 30, 1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	862	---
3	---	---	---	---	---	---	---	---	---	---	---	376
4	---	---	---	---	---	---	---	---	---	---	826	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	790	---
7	---	---	---	---	---	---	---	---	---	1420	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	745	---
10	---	---	---	---	---	---	---	---	---	---	---	322
11	---	---	---	---	---	---	---	---	---	---	664	---
12	---	---	---	---	---	---	---	---	---	1350	---	---
13	---	---	---	---	---	---	---	---	---	---	610	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	592	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	556	---
19	---	---	---	---	---	---	---	---	---	1270	---	---
20	---	1660	---	---	---	---	---	---	---	---	520	---
21	---	---	---	---	---	---	---	---	---	1190	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	1510	1130	484	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	448	---
26	---	---	---	---	---	---	---	---	---	1040	---	---
27	---	---	---	---	---	---	---	---	---	---	376	---
28	---	---	1510	---	---	---	---	---	---	970	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	952	430	296
31	---	---	---	---	---	---	---	---	---	---	---	---

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 31, 1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1573000	1649800	1664300	1641200	1678800	1720000	1774200	1847800	1888200	1385000	1847800	1702000
2	1573000	1652700	1664300	1641200	1678800	1720000	1774200	1847800	1888200	1888200	1844700	1699100
3	1575800	1652700	1664300	1641200	1681700	1723000	1777200	1847800	1891300	1891300	1838500	1696200
4	1578600	1652700	1664300	1641200	1681700	1723000	1777200	1847800	1891300	1897600	1835400	1696200
5	1581400	1652700	1664300	1641200	1684600	1726000	1780300	1850900	1897600	1903900	1829200	1690400
6	1584200	1652700	1664300	1638300	1684600	1729000	1780300	1850900	1897600	1907000	1826100	1687500
7	1584200	1652700	1664300	1638300	1684600	1732000	1780400	1850900	1900800	1910200	1820000	1684600
8	1587000	1655600	1664300	1635400	1684600	1732000	1783400	1850900	1900800	1910200	1813800	1681700
9	1589800	1655600	1664300	1635400	1684600	1735000	1786400	1854000	1900800	1913400	1810800	1678800
10	1592700	1658500	1661400	1635400	1684600	1735000	1786400	1857100	1900800	1913400	1807800	1675900
11	1595600	1661400	1661400	1632800	1687500	1738000	1789400	1863300	1900800	1916500	1801600	1675900
12	1598400	1661400	1661400	1632800	1687500	1741000	1789400	1863300	1900800	1919600	1795600	1675900
13	1601200	1661400	1661400	1632800	1690400	1741000	1792500	1866400	1900800	1919600	1789400	1673000
14	1604100	1661400	1658500	1635400	1693300	1744000	1795600	1866600	1900800	1919600	1782400	1673000
15	1607000	1664300	1658500	1638300	1696200	1744000	1798600	1866400	1900800	1919600	1777200	1673000
16	1609800	1664300	1655600	1641200	1699100	1747000	1801600	1866400	1897600	1919600	1771200	1673000
17	1612600	1664300	1655600	1644000	1702000	1747000	1804700	1866400	1894400	1916500	1765000	1670100
18	1615500	1664300	1655600	1646900	1705000	1750000	1807800	1866400	1894400	1913400	1762000	1670100
19	1618400	1664300	1655600	1649800	1708000	1753000	1813800	1869500	1891300	1910200	1756000	1670100
20	1621200	1664300	1652700	1652700	1708000	1753000	1823000	1872600	1888200	1907000	1753000	1670100
21	1624000	1661400	1652700	1655600	1711000	1756000	1826100	1872600	1888200	1900800	1747000	1667200
22	1626900	1661400	1649800	1658500	1711000	1756000	1829200	1875700	1885000	1894400	1741000	1670100
23	1629800	1661400	1649800	1661400	1711000	1756000	1834000	1875700	1881900	1891300	1738000	1670100
24	1632600	1661400	1646900	1661400	1714000	1759000	1838500	1878800	1881900	1885000	1732000	1670100
25	1635400	1661400	1646900	1664300	1714000	1759000	1838500	1878800	1878800	1881900	1729000	1670100
26	1638300	1661400	1646900	1667200	1717000	1762000	1841600	1878800	1878800	1875700	1726000	1672000
27	1641200	1664300	1644000	1670100	1720000	1765000	1844700	1878800	1878800	1869500	1720000	1673000
28	1644000	1664300	1644000	1670100	1720000	1765000	1844700	1881900	1878800	1863300	1717000	1675900
29	1646000	1664300	1644000	1673000	-----	-----	1768100	1844700	1881900	1878800	1860200	1711000
30	1644000	1664300	1644000	1675900	-----	-----	1771200	1847800	1885000	1881900	1854000	1708000
31	1646900	-----	1641800	1675900	-----	-----	1771200	-----	1885000	-----	1850900	1705000

MERRITT RESERVOIR STORAGE IN ACRE-FEET
 From Snake River—Sec. 29-31-30 W.
 Water Year Ending September 30, 1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	44834	58417	61679	60909	60909	61166	61422	75665	73626	73626	56970	41827
2	45217	58915	61442	60909	60909	61166	61422	75960	73913	73626	56246	41827
3	45615	59414	61166	60909	60909	61166	61422	76254	73913	73053	55772	41827
4	46014	59912	61166	60660	60909	61166	61422	76844	73913	72480	55307	41827
5	46412	60411	61166	60660	60909	60909	61679	76254	74199	71907	54609	42011
6	47010	60660	61166	60411	60909	60909	61936	75960	74199	71620	54143	41827
7	47416	60660	61166	60411	60909	60909	62449	75960	73913	71341	53678	41827
8	47831	60660	61442	60411	60660	60909	62963	75665	73626	71062	53006	42195
9	48452	60660	61442	59912	60660	60909	63219	75665	73626	70783	52558	42564
10	48867	60660	61166	59912	60660	60909	63740	75075	73626	70504	51885	42932
11	49497	61166	61166	59912	60660	60909	64004	74781	73626	70226	51221	43301
12	49928	61679	61166	60411	60660	60909	64532	74486	73626	69947	50575	43493
13	50359	61936	61166	60411	60660	60909	64797	74199	73626	69389	49928	43684
14	50790	62449	61166	60411	60909	60909	65325	73913	73340	68560	49281	43876
15	51221	62963	61166	60411	60909	61166	65853	73913	73340	68017	48867	44259
16	51661	63476	61166	60660	60909	60909	66117	73626	73340	67474	48245	44451
17	52109	64004	61166	60660	60909	61166	66660	73913	73340	66660	47831	44824
18	52558	64268	61166	60660	61166	61166	67203	73626	73340	65853	47209	45217
19	53006	64268	61166	60660	61166	61422	67474	73626	73626	65061	46811	45615
20	53454	64268	60909	60909	61422	61166	68560	73626	73626	64268	46213	46014
21	53911	64004	60909	60909	61422	61166	69389	73626	73626	63740	45615	46213
22	54376	63476	60909	60909	61422	61166	70226	73340	73626	62963	45025	46611
23	54842	63219	60909	60909	61422	61166	71062	73340	73626	62449	44451	47010
24	55307	62963	60909	60909	61422	61166	71907	73340	73626	61679	43876	47416
25	55772	62706	60909	61166	61422	61166	72480	73340	73913	61166	43301	47821
26	56005	62706	60909	61166	61422	61166	72766	73340	74199	60411	42748	48245
27	56487	62449	60909	60909	61422	60909	74199	73340	74199	59912	42011	48659
28	56970	62193	60909	60909	61166	60909	74486	73626	73913	59165	41458	49074
29	57211	61936	60909	60909	-----	60909	74486	73626	73913	58417	41104	49281
30	57693	61936	60909	60909	-----	61166	75075	73626	73913	57935	41458	49712
31	58176	-----	60909	60909	-----	61166	-----	73626	-----	57452	41642	-----

OLIVER RESERVOIR STORAGE IN ACRE-FEET
 From Lodgepole Creek—Sec. 36-15-57 W.
 Water Year Ending September 30, 1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	-----	1870	-----	-----	-----	-----	3060	3410	3610	1770	674
2	-----	-----	-----	-----	-----	-----	-----	3080	3410	3580	1690	683
3	-----	-----	-----	-----	-----	-----	-----	3080	3410	3610	1630	700
4	-----	-----	-----	-----	-----	-----	-----	3090	3700	3600	1570	717
5	-----	-----	-----	-----	-----	-----	-----	3120	3730	3560	1500	728
6	-----	-----	-----	-----	-----	-----	-----	3150	3750	3550	1530	743
7	-----	-----	-----	-----	-----	-----	-----	3160	3760	3530	1500	758
8	-----	-----	-----	-----	-----	-----	-----	3170	3760	3500	1480	782
9	-----	-----	-----	-----	-----	-----	-----	3220	3760	3460	1460	793
10	-----	-----	-----	-----	-----	-----	-----	3220	3760	3440	1470	811
11	-----	-----	-----	-----	2350	-----	-----	3230	3760	3400	1480	824
12	-----	-----	-----	-----	-----	2620	-----	3230	3770	3260	1480	833
13	-----	-----	-----	-----	-----	-----	2890	3230	3770	3330	1500	846
14	-----	-----	1910	2110	-----	-----	-----	3240	3770	3200	1450	862
15	-----	-----	-----	-----	-----	-----	-----	3260	3780	3180	1430	870
16	1380	-----	-----	-----	-----	-----	-----	3260	3780	3060	1390	881
17	-----	1700	-----	-----	-----	-----	-----	3270	3770	2990	1270	902
18	-----	-----	-----	-----	-----	-----	-----	3260	3770	2970	1200	913
19	-----	-----	-----	-----	-----	-----	-----	3260	3750	2870	1120	924
20	-----	-----	-----	-----	-----	-----	-----	3260	3740	2830	1030	960
21	-----	-----	-----	-----	-----	-----	-----	3260	3740	2820	962	974
22	-----	-----	-----	-----	-----	-----	-----	3260	3730	2800	890	991
23	-----	-----	-----	-----	-----	-----	-----	3320	3730	2780	825	1000
24	-----	-----	-----	-----	-----	-----	-----	3330	3710	2400	748	1020
25	-----	-----	-----	-----	2490	-----	-----	3340	3700	2300	659	1040
26	-----	-----	-----	-----	-----	-----	-----	3340	3690	2290	578	1060
27	-----	-----	-----	-----	-----	-----	-----	3350	3670	2280	589	1070
28	1520	-----	-----	2220	-----	-----	3050	3350	3650	2190	601	1080
29	-----	-----	-----	-----	-----	-----	-----	3350	3640	2190	612	1100
30	-----	-----	-----	-----	-----	2830	-----	3360	3630	2150	651	1110
31	-----	-----	1950	-----	-----	-----	-----	3400	-----	2080	663	-----

SHERMAN RESERVOIR STORAGE IN ACRE-FEET
From Middle Loup River--Sec. 36-16-14 W.
Water Year Ending September 30, 1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	43855	41959		38914	37740	37348	36592	54185	64857	65131	37159	10007
2	43855	41749		38914	37740	37348	36592	54917	65131	65131	36403	10170
3	43855	41749		38719	37740	37348	36592	55419	65404	65404	35275	10415
4	43639	41749		38719	37740	37348	36592	56173	65685	65404	33998	10840
5	43639	41749		38719	37740	37159	36781	56675	65965	65685	32754	11184
6	43639	41749		38719	37544	37159	37159	57428	66246	65685	31705	11718
7	43423	41749		38719	37544	37159	37740	57945	66527	65685	31027	12261
8	43423	41749	40116	38719	37544	37159	38523	58462	66527	65685	30518	13022
9	43423	41749	40116	38719	37544	37159	39110	58720	66527	65404	30016	13611
10	43214	41749	39914	38523	37348	37159	39914	59237	66527	65404	29363	14110
11	43214	41540	39914	38523	37348	37159	40521	59754	66527	64857	28709	14838
12	43005	41540	39914	38523	37348	36970	41129	60012	66246	64584	27916	15366
13	43005	41540	39914	38523	37348	36970	41959	60278	65965	64038	27287	16242
14	43005	41540	39711	38523	37348	36970	42586	60544	65685	63218	26517	17267
15	43005	41540	39711	38327	37159	36970	43214	60810	65404	62139	25758	18094
16	42795	41331	39711	38327	37159	36970	44071	61076	65404	61076	25163	18940
17	42795	41331	39509	38327	37159	36781	44719	61076	65404	59495	24140	19937
18	42795	41331	39509	38327	36970	36781	45367	61342	65131	57686	22869	21106
19	42586	41331	39509	38327	36970	36781	46029	61607	65404	56173	21506	22047
20	42586	41129	39306	38131	37348	36781	46698	61873	65404	54429	20197	23150
21	42377	41129	39306	38131	37348	36781	47366	62139	65404	52722	18940	24286
22	42377	41129	39306	38131	37348	36781	48042	62671	65685	51057	17855	25455
23	42168	41129	39306	38131	37348	36781	48731	62944	65965	49191	16809	26517
24	42168	40926	39306	38131	37348	36781	49421	63491	66246	47366	15804	27602
25	42168	40926	39110	37935	37348	36781	50110	63491	66246	46029	14733	28709
26	42168		39110	37935	37348	36592	50584	63764	66246	44503	13611	29852
27	42168		39110	37935	37348	36592	51531	63764	65965	43005	12737	31196
28	42168		39110	37935	37348	36592	52241	64038	65965	41749	11809	32226
29	42168		38914	37935	-----	36592	52722	64311	65404	40521	11098	33457
30	41959		38914	37935	-----	36592	53454	64584	65404	39306	10415	34545
31	41959		38914	37935	-----	36592	-----	64857	-----	38131	10089	-----

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, 1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	49820	20250	53530	74640	65870	75400	68090	71270	70280	74980	65850	51230
2	48580	20700	54740	75850	65960	74670	66620	69970	70290	76500	65610	51120
3	47130	21280	54480	76420	66200	74090	65960	68880	70600	77480	65260	50950
4	45770	21860	54910	76230	66380	74060	65070	68740	71250	78290	63720	51180
5	44120	22600	55080	74990	66350	73700	64460	68510	71790	78920	62410	51680
6	42650	23390	55590	74700	66500	73500	63700	68500	71910	80310	61540	52470
7	41410	24320	55760	72740	66440	73110	62670	68740	71960	80940	60360	52650
8	40000	25510	56740	71400	66260	72750	62180	68730	72060	80560	59650	53000
9	38550	26670	57620	70380	66110	72020	61120	69030	72060	79660	58720	53110
10	37310	28370	58260	68980	66230	71290	60680	68970	72080	79170	58090	53690
11	36000	29940	58800	67930	66260	70740	61120	68400	72850	78620	57120	53740
12	34560	31700	59520	66800	66410	70530	61210	67540	72240	78380	56380	54200
13	32880	33520	60010	65880	66620	70250	61110	67660	73530	78160	56340	54710
14	31660	34870	61040	65280	66940	69930	60980	68160	73410	77540	56110	55080
15	30380	35910	62000	64860	67810	69580	60430	68220	73180	77320	55810	55450
16	29170	37090	62780	64240	68490	69300	59590	68400	72680	76700	55890	56140
17	27890	38320	63790	63900	69440	69580	58780	68510	72910	76040	56240	57430
18	26620	39790	64710	63820	69640	69300	59120	68660	72930	75820	55170	59010
19	25460	40630	65420	63580	70720	69030	60330	68360	72960	75580	55050	60610
20	24310	42830	65510	63550	71860	68170	60400	68430	73230	74790	55020	61940
21	23670	44280	66460	63460	72510	68340	60500	68080	73190	72470	54790	64450
22	22260	45500	67330	63880	72860	67920	62320	68510	73390	71110	52620	66830
23	21560	46281	68040	64120	73240	68290	63720	68650	73330	70160	52500	68700
24	20980	47090	68470	64120	74030	67800	65500	68220	73270	69300	52110	70750
25	20510	48110	69200	64420	74210	67630	67130	68170	72780	68590	52810	72180
26	20130	49050	69620	64660	74640	68250	68790	68370	72840	67600	52650	73840
27	19800	49920	70150	64800	75050	68260	69650	68600	72650	66710	52540	75230
28	19780	50910	70580	65070	75340	68400	71020	68990	72520	66000	51970	76450
29	19780	51790	71690	65400	-----	68260	72640	69250	72730	65920	51390	77140
30	19920	52980	72640	65660	-----	68050	72970	69770	74310	65890	51090	77470
31	19990	-----	73520	65900	-----	68420	-----	69820	-----	66120	51070	-----

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK
NEAR ELM CREEK--Sec. 33-9-18 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	0	11	34	36	27
2	0	10	35	39	25
3	0	0	124	36	48
4	0	0	121	35	48
5	0	3	56	24	40
6	0	?	52	36	41
7	0	7	48	38	38
8	0	7	56	26	33
9	0	9	48	22	22
10	0	10	48	24	50
11	0	10	19	24	48
12	0	10	19	39	45
13	18	8	58	24	32
14	20	13	61	2	32
15	15	12	61	2	24
16	15	16	48	26	22
17	6	20	48	23	38
18	12	20	48	36	40
19	9	17	23	38	34
20	10	17	17	27	30
21	10	18	49	35	37
22	18	18	14	34	32
23	18	18	21	35	29
24	18	18	16	28	26
25	10	18	12	28	42
26	9	26	18	31	42
27	17	27	20	35	42
28	7	24	19	36	32
29	10	30	19	37	29
30	12	30	35	35	30
31	12	--	30	36	--
S.F.	246	430	1296	937	1069
Mean	8	14	42	30	36
Max.	20	30	124	39	50
Min.	0	0	12	2	22
A.F.	490	850	2570	1860	2120

DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR
BROADWATER--Sec. 11-18-48 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	9	19	15	2	3
2	8	19	17	2	3
3	8	23	16	3	3
4	8	24	19	3	4
5	6	21	16	2	8
6	8	13	14	2	10
7	8	17	11	3	11
8	10	18	14	3	13
9	8	15	11	3	14
10	10	14	12	3	12
11	9	15	12	3	12
12	8	19	9	3	12
13	8	19	8	3	11
14	8	16	4	2	10
15	9	14	5	2	10
16	9	18	5	2	11
17	8	16	2	3	14
18	8	13	2	2	18
19	7	13	2	2	18
20	7	12	2	2	18
21	6	10	2	2	17
22	11	10	2	2	18
23	11	12	2	2	18
24	10	10	2	2	22
25	10	12	2	2	22
26	9	9	2	2	22
27	26	6	2	2	24
28	22	5	2	2	23
29	15	6	2	2	23
30	18	10	2	3	25
31	16	--	2	6	--
S.F.	318	428	213	76	429
Mean	10	14	7	2	14
Max.	26	24	19	6	25
Min.	6	5	2	2	3
A.F.	630	850	420	150	850

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
Sec. 6-20-52 W.--Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	1	18	11	9	6
2	1	18	21	7	6
3	1	39	12	8	9
4	1	26	6	9	11
5	1	23	7	9	12
6	10	21	16	8	11
7	2	19	18	8	11
8	1	19	18	9	12
9	1	19	18	8	14
10	3	19	7	8	11
11	3	19	16	6	12
12	11	20	18	6	13
13	11	18	18	6	14
14	11	11	6	5	13
15	11	7	8	6	14
16	11	7	7	11	14
17	11	6	9	10	15
18	11	10	8	11	12
19	11	10	11	11	11
20	15	14	10	10	6
21	15	14	10	9	7
22	10	17	8	8	8
23	10	17	8	10	11
24	16	19	5	10	11
25	18	16	6	6	9
26	18	12	6	7	10
27	18	8	6	7	9
28	18	5	6	8	9
29	16	9	12	7	8
30	16	10	11	7	7
31	16	--	10	8	--
S.F.	299	470	333	252	316
Mean	10	16	11	8	11
Max.	18	39	21	11	15
Min.	1	5	5	5	6
A.F.	590	930	660	500	630

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK
NEAR LISCO--Sec. 34-18-46 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	4	5	1	1	1
2	4	5	1	1	1
3	3	5	0	1	1
4	3	5	0	1	1
5	3	5	0	1	1
6	3	5	0	1	1
7	3	5	0	1	1
8	3	5	0	1	1
9	3	5	0	1	1
10	4	5	0	1	1
11	4	5	0	1	1
12	4	5	0	1	1
13	3	5	0	1	1
14	3	5	0	1	1
15	3	4	1	1	1
16	3	4	1	1	1
17	3	4	1	1	1
18	3	4	1	1	1
19	3	4	0	1	1
20	3	4	0	1	1
21	3	4	0	1	1
22	3	4	0	1	1
23	3	4	0	1	0
24	2	4	1	1	0
25	2	4	1	1	0
26	2	4	1	1	0
27	2	4	1	1	0
28	2	0	1	1	0
29	5	1	1	1	0
30	5	1	1	1	0
31	5	--	1	1	--
S.F.	99	124	14	31	22
Mean	2	4	0	1	1
Max.	5	5	1	1	1
Min.	2	0	0	1	0
A.F.	200	250	30	60	40

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY
 NEAR IN NO. 2—Sec. 25-10-12 W.
 Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	2	3	4	7	7
2	3	3	4	7	7
3	3	4	5	7	7
4	2	4	5	7	7
5	2	4	6	7	6
6	2	4	6	7	6
7	2	4	6	8	6
8	2	4	5	8	4
9	2	4	5	7	4
10	2	4	5	7	5
11	2	4	6	8	5
12	3	4	6	8	4
13	2	5	6	8	4
14	3	4	6	8	4
15	5	4	6	8	3
16	3	4	6	8	3
17	3	4	6	8	3
18	3	5	6	8	3
19	3	5	6	8	3
20	3	5	6	8	3
21	2	5	6	8	3
22	2	5	7	8	3
23	3	5	7	8	3
24	3	5	7	8	4
25	3	5	8	8	4
26	3	4	8	8	4
27	3	3	7	8	4
28	3	3	7	8	4
29	3	4	7	8	4
30	3	5	7	8	4
31	3	—	7	7	—
S.F.	80	126	189	278	132
Mean	2	4	6	8	4
Max.	3	5	8	8	7
Min.	2	3	4	7	3
A.F.	160	250	370	470	260

DISCHARGE IN SECOND-FEET OF DOUGOT CREEK, UPPER
 NEAR NORTHPORT—Sec. 20-20-50 W.
 Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	2	8	50	28	19
2	3	3	51	29	22
3	5	4	53	30	30
4	3	6	55	32	43
5	2	16	60	35	54
6	2	29	64	27	65
7	2	27	52	20	70
8	2	26	36	22	74
9	19	34	30	25	64
10	24	43	25	27	57
11	28	46	20	29	54
12	28	49	14	28	45
13	28	52	18	27	36
14	25	55	21	26	28
15	22	58	21	14	28
16	20	60	21	14	28
17	18	60	23	13	26
18	24	59	26	20	23
19	27	58	19	28	24
20	18	58	12	28	21
21	10	66	19	27	24
22	9	74	26	26	24
23	8	66	28	26	25
24	18	58	30	28	27
25	26	50	24	26	24
26	18	47	24	26	24
27	9	44	34	26	18
28	12	46	19	21	15
29	16	48	18	21	14
30	16	49	16	19	11
31	15	—	32	17	—
S.F.	459	1294	1611	133	1015
Mean	15	43	31	24	24
Max.	28	74	64	35	74
Min.	2	3	12	13	12
A.F.	140	2570	1880	1450	2040

DISCHARGE IN SECOND-FEET OF ELM CREEK
 NEAR ELM CREEK—Sec. 25-6-18 W.
 Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	0	0	6	8	4
2	0	1	6	8	4
3	0	1	2	9	5
4	0	1	5	6	4
5	0	2	2	5	5
6	0	2	8	13	5
7	0	2	9	14	6
8	0	2	5	3	8
9	0	1	2	2	8
10	0	1	2	2	6
11	0	2	1	4	5
12	0	4	3	2	5
13	0	4	10	0	5
14	0	4	12	0	2
15	0	4	3	1	5
16	0	6	2	2	5
17	1	6	2	4	2
18	1	6	2	4	2
19	1	8	7	4	5
20	2	8	7	3	4
21	2	9	6	4	4
22	2	9	5	4	2
23	2	9	2	3	2
24	2	9	1	5	6
25	0	9	2	4	6
26	0	10	3	3	6
27	0	10	4	2	5
28	0	5	6	0	5
29	0	4	9	0	2
30	0	6	8	1	3
31	0	—	8	0	—
S.F.	13	145	153	121	131
Mean	0	5	5	4	4
Max.	2	10	12	14	8
Min.	0	0	1	0	2
A.F.	30	290	500	240	260

DISCHARGE IN SECOND-FEET OF FERRIS CREEK AT NORTH PL. TR.
 Not flow into Sutherland Lower Return—Sec. 16-15-50 W.
 Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	40	24	32	21	21
2	28	28	28	22	19
3	36	40	31	21	20
4	36	37	50	21	16
5	26	26	18	20	16
6	36	31	47	20	18
7	36	32	35	21	20
8	34	32	33	21	19
9	37	36	31	19	20
10	44	28	31	21	18
11	45	69	30	19	18
12	40	47	26	20	18
13	38	52	28	17	21
14	35	39	27	16	20
15	34	36	21	19	20
16	33	33	27	21	21
17	32	31	27	21	21
18	35	29	27	22	21
19	37	29	25	25	22
20	33	29	27	21	22
21	32	25	25	24	22
22	31	27	21	26	28
23	38	27	21	25	27
24	36	27	27	26	28
25	33	27	22	28	25
26	33	25	22	23	25
27	32	24	21	21	25
28	32	25	20	27	25
29	32	25	25	31	25
30	32	27	25	27	26
31	35	—	22	25	—
S.F.	1093	1052	361	711	647
Mean	25	25	27	27	27
Max.	45	78	50	33	28
Min.	31	24	18	16	16
A.F.	2170	2050	1110	1410	1280

DISCHARGE IN SECOND-FEET OF INDIAN CREEK
NEAR NORTHPORT--Sec. 19-20-50 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	5	11	19	31	40
2	5	36	30	35	38
3	5	32	34	18	37
4	5	17	31	18	42
5	14	10	36	18	47
6	7	10	40	18	44
7	4	7	40	30	40
8	7	10	36	30	48
9	10	10	39	34	46
10	7	10	39	34	40
11	7	17	39	34	32
12	7	17	41	18	26
13	7	17	37	15	26
14	7	17	34	15	26
15	13	17	33	15	27
16	15	28	22	18	35
17	17	28	18	18	37
18	17	28	22	22	35
19	19	28	22	18	37
20	15	25	30	18	35
21	15	25	26	18	35
22	20	25	30	18	40
23	20	25	30	18	35
24	12	26	30	15	33
25	8	23	15	29	33
26	8	20	14	31	33
27	8	20	14	31	26
28	8	13	12	38	26
29	10	20	27	38	30
30	8	21	37	38	30
31	10	—	36	36	—
S.F.	320	593	913	767	1059
Mean	10	20	29	25	35
Max.	20	36	41	38	48
Min.	5	7	12	15	26
A.F.	630	1180	1810	1520	2100

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, 1971

Date	May	June	July	Aug.	Sept.
1	4	3	4	2	4
2	4	3	4	2	5
3	4	3	4	2	4
4	4	3	4	2	3
5	4	3	4	2	3
6	3	3	4	2	4
7	3	3	3	2	3
8	3	3	3	2	5
9	3	3	3	2	4
10	3	3	3	2	4
11	3	3	3	3	4
12	3	3	3	2	4
13	3	3	3	2	4
14	3	3	3	3	2
15	3	3	3	4	2
16	3	3	3	2	2
17	3	3	3	2	2
18	3	3	3	3	2
19	3	3	3	4	2
20	3	3	3	4	2
21	3	3	3	3	2
22	3	3	3	4	2
23	3	4	3	3	2
24	3	4	3	3	2
25	3	4	3	3	2
26	3	4	3	4	2
27	3	4	3	3	2
28	3	4	3	3	2
29	3	4	3	3	2
30	3	4	3	3	2
31	3	—	3	3	—
S.F.	98	98	99	84	85
Mean	3	3	3	3	3
Max.	4	4	4	4	5
Min.	3	3	3	2	2
A.F.	190	190	200	170	170

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
ABOVE BENNETT RESERVOIR--Sec. 29-15-55 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	8	6	0	1	0
2	8	6	1	0	0
3	8	7	0	0	0
4	7	0	0	0	1
5	8	0	0	1	1
6	12	0	0	13	1
7	9	0	0	10	1
8	8	0	0	0	2
9	8	0	0	0	2
10	8	0	0	0	2
11	10	0	0	0	1
12	9	0	0	0	1
13	9	0	0	0	2
14	8	0	0	0	1
15	8	0	0	0	2
16	8	0	0	0	2
17	9	0	0	0	2
18	8	0	0	0	4
19	8	0	0	0	4
20	8	0	0	0	4
21	8	0	0	0	5
22	7	0	0	0	4
23	9	0	0	0	4
24	8	0	0	0	4
25	7	0	0	0	3
26	7	0	0	0	3
27	7	0	0	0	3
28	6	0	0	0	3
29	6	0	1	0	3
30	6	4	1	0	3
31	9	—	2	0	—
S.F.	249	23	5	25	68
Mean	2	1	0	1	2
Max.	12	7	2	13	5
Min.	6	0	0	0	0
A.F.	490	50	10	50	130

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
BELOW BENNETT RESERVOIR--Sec. 22-15-55 W.
Water Year Ending September 30, 1971

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	1	0	0	0	0
6	1	0	0	0	0
7	1	0	0	1	0
8	1	0	0	1	0
9	1	0	0	1	0
10	1	0	0	1	0
11	1	0	0	1	0
12	1	0	0	1	0
13	1	0	0	1	0
14	1	0	0	1	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	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	0	0	0	0	0
30	0	0	0	0	0
31	0	—	0	0	—
S.F.	21	0	0	8	0
Mean	1	0	0	0	0
Max.	1	0	0	1	0
Min.	0	0	0	0	0
A.F.	40	0	0	20	0

DISCHARGE IN SECOND-FEET OF PLATTE RIVER PASSING
TRI-COUNTY DIVERSION DAM—Sec. 10-13-29 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	4560	8120	2470	1110	1160
2	5600	8040	2010	1080	1050
3	6520	8140	1390	1070	1020
4	6620	8240	950	1000	980
5	6390	8800	850	1040	970
6	6130	8820	680	1100	850
7	6040	8850	210	1150	860
8	5960	9100	480	1220	690
9	6270	9450	1140	1210	600
10	6920	9960	1540	1120	578
11	7610	9300	1570	1060	543
12	7780	9000	1470	1110	523
13	7830	8870	1230	1270	482
14	7670	9340	1290	1390	392
15	7460	8990	1440	1480	374
16	7480	8760	1560	1400	406
17	7030	8520	1630	1310	319
18	7070	8340	1580	1120	202
19	7510	8130	1450	1020	188
20	7860	7580	1450	910	177
21	8390	7200	1410	710	188
22	8950	6900	1450	730	388
23	10110	6680	1450	870	420
24	10180	6620	1490	990	230
25	9630	6570	1510	1120	307
26	9460	6180	1600	980	361
27	9080	5470	1580	870	392
28	8750	4870	1550	950	420
29	8540	4070	1510	1040	356
30	8450	3130	1440	1360	335
31	8320	—	1310	1320	—
S.F.	239002	236125	44009	34948	15979
Mean	7710	7871	1420	1127	533
Max.	10180	9960	2470	1480	1160
Min.	4560	2130	210	710	177
A.F.	474050	468350	87290	69320	31690

Total acre-feet 1130700 A.F.
Daily discharge computed arithmetically
using confluence less Tri-County Diversion
May to September 8.
Total second feet includes total monthly
discharge from Flock Dr+Premont Slough (Sec. 16-13-30)+White Horse Creek

DISCHARGE IN SECOND-FEET OF SILVERHILL DRAIN
NEAR BRIDGEPORT—Sec. 6-19-49 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	5	7	19	17	25
2	5	16	19	15	21
3	5	15	18	14	28
4	5	11	14	16	28
5	8	30	21	17	24
6	5	24	36	18	25
7	5	29	30	12	22
8	5	30	27	15	26
9	5	26	23	20	32
10	5	38	20	13	24
11	5	18	25	13	25
12	5	21	24	9	23
13	27	22	14	18	26
14	30	21	11	15	23
15	24	20	10	16	21
16	27	10	15	16	22
17	19	11	18	19	21
18	16	12	14	15	20
19	14	14	15	3	26
20	19	15	17	8	25
21	12	22	18	3	26
22	17	20	18	21	26
23	22	12	9	21	26
24	20	22	8	19	21
25	15	25	10	19	22
26	21	18	20	19	16
27	17	18	20	20	12
28	15	19	21	8	22
29	12	13	22	11	24
30	12	13	22	19	22
31	18	—	19	22	—
S.F.	421	578	611	482	790
Mean	14	19	20	16	26
Max.	30	38	36	22	36
Min.	5	7	8	8	12
A.F.	840	1150	1210	960	1570

DISCHARGE IN SECOND-FEET OF STRIVER CREEK
Sec. 1-8-20 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	5	7	52	25	35
2	4	6	60	48	32
3	12	5	32	61	32
4	13	3	30	40	31
5	8	5	40	38	30
6	6	5	28	34	31
7	8	4	20	33	33
8	6	5	20	44	32
9	6	3	12	42	32
10	6	4	10	40	26
11	7	7	9	29	23
12	7	25	7	32	22
13	8	30	47	26	16
14	6	18	43	29	16
15	5	16	39	25	18
16	4	16	15	30	16
17	4	15	10	33	22
18	5	14	11	30	21
19	10	17	20	29	25
20	5	16	19	30	21
21	6	13	34	30	24
22	8	13	20	34	25
23	8	14	22	25	12
24	9	12	26	30	8
25	8	12	21	28	7
26	7	14	43	27	7
27	4	14	28	28	6
28	4	18	34	21	5
29	5	13	24	27	6
30	5	10	25	21	6
31	4	—	19	22	—
S.F.	205	355	867	1001	621
Mean	7	12	28	32	21
Max.	13	30	60	61	35
Min.	4	3	7	21	5
A.F.	410	700	1720	1990	1230

DISCHARGE IN SECOND-FEET OF WHITE HORSE CREEK
Sec. 5-13-29 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	43	176	18	7	6
2	37	156	18	7	6
3	31	154	18	7	5
4	25	201	30	7	5
5	22	154	58	7	6
6	22	173	60	7	6
7	24	159	44	7	4
8	22	173	26	7	6
9	20	224	21	6	6
10	29	400	21	6	6
11	50	360	20	6	6
12	45	275	17	7	6
13	31	262	15	8	4
14	27	218	14	8	4
15	25	58	12	8	4
16	22	24	14	8	6
17	20	32	11	8	8
18	20	21	11	8	9
19	25	18	11	8	8
20	31	15	10	7	7
21	35	14	10	7	7
22	52	14	10	6	14
23	99	12	10	6	14
24	196	11	10	4	11
25	215	11	9	5	11
26	196	10	9	5	11
27	197	10	7	5	10
28	176	7	6	5	9
29	170	6	7	5	9
30	168	11	7	6	10
31	182	—	7	6	—
S.F.	2252	3272	541	201	224
Mean	72	112	17	6	7
Max.	215	400	60	8	14
Min.	20	7	6	3	4
A.F.	4470	6660	1070	400	440

DAILY DIVERSION OF CANALS 1972

ALLIANCE 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	0	0	40	251	475	99
2	0	0	46	375	475	101
3	0	0	42	443	475	101
4	0	0	46	456	472	99
5	0	0	50	445	465	99
6	0	0	50	359	463	98
7	0	0	51	318	460	88
8	0	0	51	323	465	96
9	0	0	51	334	506	101
10	0	0	51	335	524	101
11	0	0	57	342	553	99
12	0	0	60	411	544	101
13	0	0	68	500	524	86
14	0	0	75	550	512	80
15	0	0	75	567	487	81
16	0	0	75	572	467	81
17	0	0	80	572	454	70
18	0	0	79	576	465	65
19	0	0	75	584	483	65
20	0	0	75	572	505	65
21	0	0	75	572	518	58
22	0	0	68	557	518	52
23	0	0	65	550	521	52
24	0	51	65	537	521	50
25	0	72	72	537	521	50
26	0	66	80	537	524	50
27	0	40	96	533	504	50
28	0	25	125	530	480	54
29	0	35	160	530	467	51
30	0	35	201	500	220	57
31	0	35	---	480	59	---
S.F.	11	396	2223	14742	14664	2201
Mean	0	42	74	476	473	73
Max.	11	72	201	584	544	101
Min.	0	0	40	251	59	57
A.F.	10	150	4470	29240	29090	4300

Water diverted 6980 A.F.
Acreage reported A-5218-35114; A-9660; A-10620-Storage

ALLIANCE CANAL from Bayard Sugar Factory Drain
Measured through Parshall flume--Sec. 4-20-52 W.
1971

Date	Apr.	May	June	July	Aug.	Sept.
1	0	19	20	33	17	32
2	0	18	54	33	16	34
3	0	17	0	33	18	29
4	0	22	0	33	12	27
5	0	45	0	42	13	26
6	0	24	0	43	14	21
7	0	11	0	42	13	17
8	0	16	0	40	14	27
9	0	31	0	57	14	23
10	0	29	0	58	16	20
11	0	25	0	55	16	21
12	10	23	0	33	18	21
13	18	23	0	16	17	27
14	16	24	0	16	16	27
15	16	24	0	20	16	26
16	16	25	0	28	14	26
17	16	26	1	40	12	32
18	16	27	4	41	18	16
19	19	58	4	38	22	8
20	18	21	4	35	27	0
21	18	10	15	34	32	0
22	21	11	31	27	29	0
23	19	22	29	23	24	0
24	17	16	27	23	23	0
25	18	14	23	30	24	0
26	20	16	28	28	23	0
27	20	16	30	22	26	0
28	20	16	31	24	24	0
29	20	16	36	22	27	0
30	19	17	37	22	38	0
31	---	18	---	19	31	---
S.F.	337	680	374	1010	624	460
Mean	11	22	12	33	20	15
Max.	21	58	54	58	38	34
Min.	0	10	0	16	12	0
A.F.	670	1350	740	2000	1240	910

Water diverted 6910 A.F.
Acreage reported D-874, 1035 (A-1776 O.D.)-2106

ALLIANCE CANAL from Red Willow Creek--Measured
through rating flume--Sec. 6-20-51 W.
1971

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	29	0	17	0	26	66	48
2	34	0	17	0	42	58	48
3	40	0	15	0	48	54	48
4	38	0	10	0	44	55	39
5	37	0	6	0	38	56	39
6	37	0	0	0	44	58	36
7	5	0	0	0	51	59	35
8	0	0	0	0	46	59	34
9	0	0	0	0	44	56	32
10	0	0	0	13	40	59	32
11	0	0	0	21	41	55	28
12	0	5	0	31	43	50	27
13	0	16	0	25	44	50	30
14	0	15	0	32	44	54	26
15	0	16	0	26	51	58	27
16	0	18	0	38	56	58	37
17	0	16	0	35	62	54	40
18	0	15	0	37	67	54	37
19	0	16	0	41	70	58	36
20	0	18	0	42	68	57	34
21	0	18	18	40	66	60	26
22	0	19	24	41	62	63	4
23	0	20	0	36	62	62	0
24	0	20	0	35	62	58	0
25	0	20	0	47	58	58	27
26	0	20	0	59	57	58	26
27	0	19	0	44	63	63	32
28	0	18	6	54	66	60	30
29	0	18	16	54	68	59	28
30	0	17	13	44	71	57	28
31	0	---	10	---	66	54	---
S.F.	220	324	152	805	1670	1780	914
Mean	7	11	5	27	54	57	30
Max.	40	20	24	59	71	66	48
Min.	0	0	0	0	26	50	0
A.F.	440	640	300	1600	3310	3530	1810

Water diverted 11630 A.F.
Acreage reported D-874, 1035 (A-1429 O.D.)-4022;
A-1181 (A-1432 O.D.)-79; A-1432-79; A-1436-18; Total-4198

ARMSTRONG PUMP from Niobrara River
Sec. 9-28-53 W.
1971

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

Water pumped 40 A.F.
Acreage reported A-10870-41

ATKINS-POLLY CANAL from Lodgepole Creek
Measured through rating flume--Sec. 30-15-55 W.
1971

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	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	2	0
8	0	0	0	2	0
9	0	2	0	2	0
10	0	2	0	2	0
11	0	1	0	1	0
12	0	2	0	1	0
13	0	2	0	1	0
14	0	1	2	1	0
15	0	2	1	0	0
16	0	1	2	1	0
17	0	2	1	0	0
18	0	3	3	1	0
19	0	2	3	1	0
20	0	2	3	0	0
21	0	2	0	0	0
22	0	2	0	0	0
23	0	2	0	0	0
24	0	2	0	2	0
25	0	2	0	2	0
26	0	2	0	2	0
27	0	2	0	2	0
28	0	2	0	1	0
29	0	2	0	1	0
30	0	3	0	1	0
31	0	-	0	2	-
S.F.	0	43	15	28	6
Mean	0	1	0	1	0
Max.	0	3	3	2	2
Min.	0	0	0	0	0
A.F.	0	90	30	60	10

Water diverted 190 A.F.
Acreage reported D-342-55; D-344-30;
A-897R-8; A-4531-50; Total-143

BARTLEY CANAL from Republican River--Measured
through 8-foot Parshall flume--Sec. 17-3-27 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	19	129	96	50
2	0	19	123	96	48
3	0	23	128	100	38
4	0	26	116	107	32
5	0	26	96	103	31
6	0	26	80	92	31
7	0	26	67	87	24
8	0	8	59	86	18
9	0	0	44	96	14
10	0	0	34	100	4
11	0	0	30	99	0
12	0	0	31	95	0
13	0	0	34	89	0
14	0	0	37	88	0
15	0	0	39	88	0
16	0	0	54	72	0
17	0	0	62	55	0
18	0	0	62	47	0
19	0	0	82	41	0
20	0	0	116	38	0
21	0	17	156	35	0
22	0	29	158	34	0
23	0	27	159	41	0
24	32	30	140	52	0
25	22	35	140	63	0
26	20	38	132	59	0
27	19	37	128	56	0
28	19	53	124	54	0
29	19	74	116	53	0
30	19	105	104	53	0
31	19	-	96	50	-
S.F.	169	618	*2857	*2246	290
Mean	5	21	92	72	10
Max.	32	105	140	107	50
Min.	0	0	30	34	0
A.F.	340	1220	*5670	*4450	580

Water diverted 12270 A.F.
Acreage reported A-38694R-6596; A-6217-
275; A-10196-157; A-11042-14; A-11920-
123; Total-7563

**Pump turnout above diversion dam included

BEERLINE CANAL from North Platte River
Measured through rating flume--Sec. 24-19-49 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	2	0	25	12	13
2	0	1	0	26	9	13
3	0	2	0	22	6	14
4	0	3	0	18	3	11
5	0	2	0	20	1	10
6	0	1	0	20	8	11
7	0	3	0	21	32	10
8	0	7	0	18	31	10
9	0	6	0	11	31	11
10	0	8	6	8	29	12
11	0	7	7	11	28	12
12	0	5	7	26	28	13
13	0	5	7	23	28	13
14	0	7	7	19	28	13
15	0	9	6	12	27	8
16	0	10	6	6	27	0
17	0	10	6	2	27	0
18	0	1	6	0	26	0
19	0	0	6	0	23	0
20	0	0	6	0	18	0
21	0	0	5	0	19	0
22	0	0	6	0	19	0
23	0	0	6	0	12	0
24	0	0	6	0	14	0
25	0	0	6	0	17	0
26	0	0	0	0	18	0
27	1	0	0	0	18	0
28	2	0	0	0	15	0
29	2	0	0	0	13	0
30	2	0	10	0	14	0
31	-	0	-	7	13	-
S.F.	7	89	109	295	594	174
Mean	0	3	4	10	19	6
Max.	2	10	10	26	32	14
Min.	0	0	0	0	1	0
A.F.	10	180	220	590	1180	350

Water diverted 2530 A.F.
Acreage reported D-887-2080

BEISER CANAL from Niobrara River—Measured through rating flume—Sec. 4-29-56 W. 1971

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S.F.	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 A-1056-36

BELMONT CANAL from Cedar Creek—Measured through rating flume—Sec. 23-18-48 W. 1971

Date	May	June	July	Aug.	Sept.
1	0	0	0	9	10
2	0	0	0	9	10
3	0	0	0	9	11
4	0	0	0	9	11
5	0	0	0	9	7
6	0	0	0	9	6
7	0	0	0	9	6
8	0	0	0	9	7
9	0	0	0	9	7
10	0	0	0	9	6
11	0	0	0	9	6
12	0	0	0	9	6
13	0	0	0	9	6
14	0	0	6	9	7
15	0	0	6	9	7
16	0	0	6	8	7
17	0	0	6	8	7
18	0	0	5	8	7
19	0	0	5	8	7
20	0	0	5	8	7
21	0	0	5	8	7
22	0	0	5	8	7
23	0	0	5	9	7
24	0	0	5	10	7
25	0	0	5	11	7
26	0	0	6	12	7
27	0	0	5	11	7
28	0	0	6	11	7
29	0	0	6	11	7
30	0	0	6	12	7
31	0	0	6	11	7
C.F.	0	0	99	289	150
Mean	0	0	2	9	4
Max.	0	0	6	12	11
Min.	0	0	0	8	0
A.F.	0	0	200	570	260

Water diverted 1030 A.F.

BELMONT CANAL from North Platte River—Measured through 15-foot Parshall flume—Sec. 18-20-51 W.

Date	May	June	July	Aug.	Sept.
1	0	62	96	115	108
2	0	67	125	113	109
3	0	67	124	113	106
4	0	62	126	119	104
5	0	52	128	117	105
6	0	56	125	115	104
7	0	63	125	115	99
8	0	63	124	113	96
9	0	56	138	113	94
10	7	64	130	113	94
11	26	71	120	111	92
12	37	77	125	109	91
13	40	77	130	111	89
14	40	77	124	112	90
15	49	77	118	114	91
16	40	77	103	113	91
17	45	74	119	112	91
18	44	77	153	112	91
19	45	67	131	112	88
20	66	58	124	109	86
21	88	56	138	112	83
22	89	67	124	112	77
23	90	67	115	114	83
24	89	74	115	111	72
25	70	77	115	109	70
26	67	111	115	111	70
27	61	99	115	112	70
28	63	99	113	113	67
29	57	111	113	115	71
30	64	99	113	115	34
31	67	—	115	108	—
Mean	1244	2206	3759	3493	2617
Mean	40	74	121	113	87
Max.	90	111	138	119	109
Min.	0	52	96	108	34
A.F.	2470	4380	7460	6930	5190

Water diverted 26430 A.F.

BELMONT CANAL Summary in acre-feet—1971

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	2470	4380	7460	6930	5190	26430
Cedar Creek.....	0	0	200	570	260	1030
Total diversion.....	2470	4380	7660	7500	5450	27460

Water diverted 27460 A.F.
Acreage reported D-820-14245

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	3	4	0	16
2	0	3	4	0	16
3	0	3	22	2	15
4	0	8	32	4	16
5	0	10	34	4	22
6	0	5	36	4	22
7	0	4	37	4	23
8	0	7	38	4	24
9	0	11	44	4	29
10	0	9	47	2	32
11	0	8	40	0	32
12	0	23	34	0	32
13	0	31	26	0	31
14	10	32	17	0	31
15	23	29	0	0	32
16	23	26	0	0	32
17	25	24	0	2	32
18	26	14	0	4	31
19	26	12	0	4	31
20	30	5	0	4	31
21	20	1	0	4	31
22	22	0	1	4	31
23	48	0	1	4	30
24	39	0	0	4	30
25	33	0	0	4	31
26	4	0	0	4	31
27	3	0	0	4	31
28	3	0	0	5	30
29	3	0	0	4	31
30	3	6	0	10	27
31	3	-	0	17	--
S.F.	344	274	417	106	833
Mean	11	9	13	3	28
Max.	48	32	47	17	32
Min.	0	0	0	0	15
A.F.	680	540	830	210	1650

Water spilled 3910 A.F.

BENNETT CANAL from Lodgepole Creek--Measured
through rating flume--Sec. 22-15-55 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	3	0	0	0
4	0	3	0	0	0
5	0	3	0	0	0
6	0	3	0	0	2
7	0	4	0	0	2
8	0	3	0	0	2
9	0	3	0	0	2
10	0	2	0	0	2
11	0	5	0	0	2
12	0	2	0	0	2
13	0	3	0	0	2
14	0	3	0	0	2
15	0	3	0	0	2
16	0	3	0	0	2
17	0	3	0	0	2
18	0	3	0	0	2
19	0	3	0	0	2
20	0	3	0	0	2
21	0	0	0	0	2
22	0	0	0	0	2
23	0	0	0	1	2
24	0	0	0	0	2
25	0	0	0	0	2
26	0	0	0	0	2
27	0	0	0	0	2
28	0	0	0	0	2
29	0	0	0	0	2
30	0	0	0	0	2
31	0	-	0	0	-
S.F.	0	54	0	1	50
Mean	0	2	0	0	2
Max.	0	4	0	1	2
Min.	0	0	0	0	0
A.F.	0	110	0	0	100

Water diverted 210 A.F.
Acreage reported A-691-86; A-1975 (Storage only)-414; Total-500

BENNETT-KAY CANAL from Niobrara River
Measured through rating flume--Sec. 1-28-54 W.

Date	May	June	July	Aug.	Sept.
1	3	0	3	0	0
2	3	0	2	0	0
3	2	0	2	0	0
4	1	1	2	0	0
5	1	1	2	0	0
6	1	1	3	0	0
7	1	0	2	0	0
8	1	0	2	0	0
9	0	0	2	0	0
10	0	0	2	0	0
11	0	0	2	0	0
12	0	0	2	0	0
13	0	0	2	0	0
14	0	0	2	0	0
15	0	1	2	0	0
16	0	3	2	0	0
17	0	3	2	0	0
18	0	4	2	0	0
19	0	4	2	0	0
20	0	5	2	0	0
21	0	4	2	0	0
22	0	4	2	0	0
23	0	4	2	0	0
24	0	4	1	0	0
25	0	3	0	0	0
26	0	2	0	0	0
27	0	2	0	0	0
28	0	2	0	0	0
29	0	2	0	0	0
30	0	3	0	0	0
31	0	-	0	0	-
S.F.	13	53	49	0	0
Mean	0	2	2	0	0
Min.	3	5	3	0	0
Max.	0	0	0	0	0
A.F.	30	110	100	0	0

Water diverted 240 A.F.
Acreage reported A-1249-238

BICKEL-FADEN CANAL from Lodgepole Creek--Measured
through rating flume--Sec. 30-15-55 W.
1971

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	-
S.F.	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-347-22; A-719R-62; A-724-8; Total-92

BIRKWOOD CANAL from Birkwood Creek--Measured through 8-foot Parshall flume--Sec. 35-15-32 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	30	38	23
2	12	0	0	3	42	22
3	13	0	0	5	42	22
4	15	0	0	22	42	23
5	25	0	0	12	37	24
6	25	0	0	4	39	22
7	24	0	0	6	39	22
8	26	0	0	12	26	22
9	25	0	0	12	26	22
10	23	0	0	13	28	22
11	23	0	0	12	25	22
12	23	0	0	19	28	22
13	24	0	0	41	30	22
14	25	0	0	40	32	22
15	25	0	0	40	28	22
16	26	0	0	49	32	26
17	26	0	0	50	37	25
18	26	0	0	49	38	23
19	26	0	0	49	44	22
20	27	0	0	49	40	22
21	26	0	0	47	41	22
22	26	0	3	39	37	25
23	27	0	6	36	37	14
24	27	0	7	22	38	13
25	28	0	10	32	39	14
26	15	0	10	33	43	10
27	0	0	10	32	41	4
28	0	0	14	35	39	2
29	0	0	17	42	39	9
30	0	0	23	40	28	17
31	0	0	--	37	23	--
S.F.	599	0	100	922	1109	580
Mean	19	0	3	30	36	19
Max.	28	0	23	50	43	26
Min.	0	0	0	3	23	2
A.F.	1190	0	200	1830	2200	1150

Water diverted 6570 A.F.
Acreage reported D-646-5287

BIGELOW-SEYDOR 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	0	0
S.F.	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-510-29

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	45	0	0	0	34	41
2	45	0	0	0	33	40
3	45	0	0	16	34	39
4	45	0	0	34	35	42
5	47	0	0	36	34	42
6	44	0	0	35	38	41
7	30	0	0	35	41	41
8	22	0	0	35	38	42
9	15	0	0	36	38	42
10	15	0	0	37	37	43
11	9	0	0	37	37	43
12	0	0	0	37	37	43
13	0	0	0	37	38	43
14	0	0	0	37	35	44
15	0	0	0	40	34	44
16	0	0	0	43	33	45
17	0	0	0	42	34	41
18	0	0	0	47	34	41
19	0	0	0	41	36	42
20	0	0	0	39	35	39
21	0	0	0	39	34	31
22	0	0	0	40	34	30
23	0	0	1	37	33	26
24	0	0	7	36	35	22
25	0	0	5	36	35	20
26	0	0	7	37	35	20
27	0	0	9	36	35	22
28	0	0	22	36	35	18
29	0	0	21	36	39	16
30	0	0	0	36	43	17
31	0	0	--	36	41	--
S.F.	362	0	72	1069	1114	1060
Mean	12	0	2	34	36	35
Max.	47	0	22	47	43	45
Min.	0	0	0	0	33	16
A.F.	720	0	140	2120	2210	2100

Water diverted 7290 A.F.
Acreage reported D-785-2532; D-795-355; A-1154-30; Total-2917

BOURETT CANAL from Niobrara River--Measured through rating flume--Sec. 22-30-56 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	0	0
S.F.	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 A-4-100; A-1057-30; Total-130

BROWNS CREEK CANAL from North Platte River Measured through Farshall flume--Sec. 28-20-50 W.

Table with 9 columns: Date, Oct., Apr., May, June, July, Aug., Sept. and summary statistics (S.F., Mean, Max., Min., A.F.). Data spans from Oct 1 to Oct 31, 1971.

CAMBRIDGE CANAL from Republican River--Measured through 15-foot Farshall flume--Sec. 27-4-25 W. 1971

Table with 7 columns: Date, May, June, July, Aug., Sept. and summary statistics (S.F., Mean, Max., Min., A.F.). Data spans from May 1 to May 31, 1971.

CASTLE ROCK-STEAMBOAT CANAL from North Platte River Measured through rating flume--Sec. 14-21-54 W.

Table with 7 columns: Date, Oct., May, June, July, Aug., Sept. and summary statistics (S.F., Mean, Max., Min., A.F.). Data spans from Oct 1 to Oct 31, 1971.

CENTRAL CANAL from North Platte River Measured through rating flume--Sec. 36-22-55 W. 1971

Table with 7 columns: Date, Oct., May, June, July, Aug., Sept. and summary statistics (S.F., Mean, Max., Min., A.F.). Data spans from Oct 1 to Oct 31, 1971.

CHITTON CANAL from Frenchman River
Measured through rating flume--Sec. 23-6-40 W.
1971

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	10	0	9	8	14	4	2
2	10	0	7	7	13	4	2
3	9	0	7	8	12	4	2
4	10	0	7	8	10	4	2
5	9	0	7	2	12	4	2
6	9	0	8	5	17	4	2
7	8	0	8	10	11	4	2
8	12	0	8	10	8	5	5
9	12	0	8	9	6	6	8
10	10	0	11	8	4	6	10
11	7	0	13	6	6	6	10
12	7	0	11	6	4	6	11
13	10	0	9	9	3	5	12
14	0	0	7	2	4	6	11
15	0	0	6	3	4	6	11
16	0	0	6	6	2	6	12
17	0	0	6	6	3	5	12
18	0	0	7	7	2	5	18
19	0	0	7	3	4	5	17
20	0	0	6	9	4	5	16
21	0	0	6	10	4	4	16
22	0	0	7	11	4	4	17
23	0	0	7	12	4	4	15
24	0	0	8	13	4	4	14
25	0	0	8	12	4	4	14
26	0	0	8	12	4	4	12
27	0	0	8	12	4	4	13
28	0	0	8	12	4	3	12
29	0	0	8	12	5	4	12
30	0	7	8	14	4	15	14
31	0	-	8	-	4	7	-
S.F.	123	7	242	258	192	157	321
Mean	4	0	8	9	6	5	11
Max.	12	7	12	14	17	15	18
Min.	0	0	6	2	3	3	2
A.F.	240	10	480	510	380	310	640

Water diverted 2570 A.F.
Acreage reported D-47-1138

CHINNEY ROCK CANAL from North Platte River
Measured through rating flume--Sec. 1-20-53 W.
1971

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	50	0	46	61	72	56	56
2	45	0	49	64	71	55	55
3	42	0	42	60	71	52	52
4	39	0	42	61	71	52	52
5	36	0	42	62	71	55	55
6	42	0	41	63	70	52	52
7	47	23	41	65	58	46	46
8	47	29	42	64	48	47	47
9	45	29	42	64	49	52	52
10	31	22	42	55	60	54	54
11	0	21	41	54	52	54	54
12	0	28	40	60	48	48	48
13	0	52	46	71	56	45	45
14	0	52	46	68	52	45	45
15	0	52	45	70	49	45	45
16	0	52	44	76	54	45	45
17	0	52	42	72	51	47	47
18	0	52	40	75	42	42	42
19	0	50	37	72	48	50	50
20	0	50	34	62	61	42	42
21	0	54	34	60	61	46	46
22	0	58	31	58	61	46	46
23	0	58	27	65	61	46	46
24	0	52	45	76	56	46	46
25	0	50	44	74	57	46	46
26	0	50	52	74	52	46	46
27	0	50	56	72	52	45	45
28	0	50	56	72	52	40	40
29	0	52	50	74	55	43	43
30	0	52	61	74	56	42	42
31	0	50	-	74	55	-	-
Tot.	424	1152	1031	2092	1777	1570	1570
Mean	14	37	44	68	57	46	46
Max.	50	50	61	78	73	56	56
Min.	0	0	32	54	42	35	35
A.F.	640	2280	2040	4150	3520	2120	2120

Water diverted 16150 A.F.
Acreage reported D-844, 1031-5222; 1-2150-45;
Total-5265

CIRCLE-ARROW CANAL from Lodgepole Creek
Measured through rating flume--Sec. 30-15-54 W.
1971

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

Water diverted 110 A.F.
Acreage reported D-246-220

CIRCLE HURT from Niobrara River
Sec. 5-28-51 W.
1971

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	-
S.F.	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 A-4758-570

CODY-BILLON CANAL from North Platte River
Measured over weir--Sec. 10-14-31 W.
1911

Date	Oct.	May	June	July	Aug.	Sept.
1	22	0	0	2	34	24
2	22	0	0	0	36	24
3	20	0	0	0	30	36
4	20	0	0	0	16	36
5	19	0	0	0	22	36
6	18	0	0	0	31	36
7	14	0	0	0	34	28
8	16	0	0	0	38	29
9	18	0	0	0	36	26
10	18	0	0	3	34	22
11	14	0	0	5	35	16
12	12	0	0	6	37	14
13	12	0	0	6	36	12
14	12	0	0	18	31	20
15	12	0	0	34	29	24
16	12	0	0	34	26	26
17	12	0	0	34	25	31
18	12	0	0	32	23	28
19	12	0	0	33	25	26
20	12	0	0	29	22	26
21	12	0	0	24	15	21
22	12	0	0	28	12	20
23	12	0	0	27	12	13
24	12	0	0	31	16	8
25	12	0	0	34	20	12
26	6	0	0	35	13	20
27	0	0	0	30	14	24
28	0	0	0	28	22	20
29	0	0	0	33	13	19
30	0	0	1	41	35	18
31	0	0	—	40	23	—
S.F.	375	0	1	587	795	695
Mean	12	0	0	19	26	23
Max.	22	0	0	41	38	36
Min.	0	0	0	0	12	8
A.F.	740	0	0	1160	1580	1380

Water diverted 4860 A.F.
Acreage reported D-649-4751

COOK CANAL NO. 1 from Niobrara River
Measured through rating flume--Sec. 2-28-56 W.
1911

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

Water diverted 280 A.F.
Acreage reported D-580-248

COURTLAND CANAL from Republican River
Measured through orifice--Sec. 7-1-9 W.
1911

Date	May	June	July	Aug.	Sept.
1	0	82	485	532	356
2	0	92	513	476	338
3	0	92	513	448	314
4	0	92	521	439	251
5	0	88	521	434	224
6	0	84	517	434	228
7	0	96	521	462	214
8	0	94	513	466	180
9	0	92	505	466	144
10	0	92	493	466	136
11	0	94	484	432	130
12	0	94	519	411	112
13	0	108	535	416	100
14	0	100	498	411	88
15	0	96	466	411	84
16	0	96	456	411	84
17	0	96	445	411	84
18	0	94	456	465	92
19	0	94	493	478	92
20	0	94	536	442	88
21	0	94	530	444	76
22	0	96	518	448	80
23	0	96	554	444	96
24	0	96	576	444	88
25	33	96	583	439	108
26	76	119	583	448	96
27	70	163	576	408	84
28	70	211	576	392	76
29	72	267	576	392	76
30	72	359	537	396	76
31	72	—	526	366	—
S.F.	465	3467	16125	13532	4195
Mean	15	116	520	437	140
Max.	76	359	583	532	356
Min.	0	82	445	366	76
A.F.	920	6880	31980	26840	8320

Water diverted 74940 A.F.
Acreage reported A-4222-1724; A-6224-114;
A-10963-146; Total-1984

COURTLAND CANAL from Republican River
Measured at Nebraska-Kansas State Line
Sec. 22-1-7 W.
1911

Date	Oct.	May	June	July	Aug.	Sept.
1	37	0	42	394	468	126
2	30	0	55	428	422	112
3	1	0	56	430	386	282
4	0	0	53	436	386	226
5	0	0	57	440	386	195
6	0	0	50	440	392	200
7	0	0	59	444	420	192
8	0	0	62	440	426	161
9	0	0	62	430	426	116
10	0	0	65	430	428	120
11	0	0	66	432	402	106
12	0	0	66	468	378	88
13	0	0	76	494	374	82
14	0	0	95	460	366	72
15	0	0	71	432	366	65
16	0	0	66	406	366	64
17	0	0	65	392	364	65
18	0	0	62	406	416	71
19	0	0	62	416	422	75
20	0	0	62	490	404	74
21	0	0	60	484	398	70
22	0	0	62	472	406	69
23	0	0	62	506	402	69
24	0	0	64	524	393	71
25	0	0	61	510	396	76
26	0	0	71	534	406	76
27	0	0	105	542	380	70
28	0	0	160	542	360	66
29	0	26	220	542	362	60
30	0	42	280	502	368	58
31	0	42	—	466	344	—
S.F.	68	112	2404	14382	12228	3580
Mean	2	4	80	464	394	119
Max.	17	43	280	542	468	326
Min.	0	0	43	392	344	58
A.F.	140	220	4770	28530	24250	7100

Water diverted 65010 A.F.

COURT HOUSE ROCK CANAL from Pumpkinseed Creek
Measured through rating flume--Sec. 30-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	8	0	0	9	8	8
2	8	0	0	10	8	8
3	8	0	0	15	8	7
4	9	0	0	12	8	8
5	8	0	9	12	8	7
6	3	0	13	10	8	7
7	0	0	13	9	8	7
8	0	0	13	9	8	8
9	0	0	13	9	8	7
10	0	0	13	9	7	7
11	0	0	13	10	8	7
12	0	0	16	10	8	7
13	0	0	15	9	8	6
14	0	0	14	11	8	6
15	0	0	14	9	8	6
16	0	0	13	8	8	7
17	0	0	13	7	8	7
18	0	0	12	6	8	8
19	0	0	12	7	7	8
20	0	0	10	8	7	8
21	0	0	10	8	7	8
22	0	0	9	8	8	8
23	0	0	9	9	7	8
24	0	0	8	9	7	8
25	0	0	8	9	7	8
26	0	0	9	9	7	8
27	0	0	8	9	7	8
28	0	0	8	9	7	7
29	0	0	9	9	8	7
30	0	0	9	9	9	7
31	0	0	-	8	8	-
S.F.	44	0	293	285	239	221
Mean	1	0	10	9	8	7
Max.	9	0	16	15	9	8
Min.	0	0	0	6	7	6
A.F.	90	0	580	570	470	440

Water diverted 2150 A.F.
Acreage reported D-840, 1028-1462; A-851-24;
A-2315-6; Total 1492

COZAD CANAL from Platte River--Measured
through Parshall flume--Sec. 13-11-25 W.

Date	May	June	July	Aug.	Sept.
1	0	0	162	246	182
2	0	6	187	244	163
3	0	28	218	241	137
4	0	28	211	231	102
5	0	27	218	224	95
6	0	28	211	226	94
7	0	28	202	237	89
8	0	28	209	231	81
9	0	28	244	213	37
10	0	28	256	213	26
11	0	28	237	218	16
12	0	28	226	222	0
13	0	28	231	226	0
14	0	28	252	233	0
15	0	28	252	237	0
16	0	28	259	238	0
17	0	35	275	237	0
18	0	52	271	235	0
19	0	52	267	238	0
20	0	52	281	233	0
21	0	51	281	229	0
22	0	52	281	229	0
23	0	56	271	235	0
24	0	76	269	229	0
25	0	75	271	220	0
26	0	76	273	229	0
27	0	84	275	235	0
28	0	105	271	229	0
29	0	113	238	229	0
30	0	137	237	222	0
31	0	-	244	208	-
S.F.	0	1413	7580	7117	1022
Mean	0	47	245	230	34
Max.	0	137	281	245	182
Min.	0	0	162	208	0
A.F.	0	2800	15030	14120	2030

Water diverted 33980 A.F.
Acreage reported D-626-25195

CRESCENT LAKE OUTLET to Blue Creek
Sec. 21-20-44 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	7	1
2	0	0	0	6	0
3	0	0	0	6	0
4	0	0	0	6	1
5	0	0	0	6	1
6	0	0	0	5	0
7	0	0	0	4	0
8	0	0	0	4	0
9	0	0	0	4	0
10	0	0	0	3	0
11	0	0	0	3	0
12	0	0	0	2	0
13	0	0	0	2	0
14	0	0	0	2	0
15	0	0	0	3	0
16	0	0	0	3	0
17	0	0	0	2	0
18	0	0	0	2	0
19	0	0	0	2	0
20	0	0	6	2	0
21	0	0	12	1	0
22	0	0	12	1	0
23	0	0	12	1	0
24	0	0	11	1	0
25	0	0	10	1	0
26	0	0	9	0	0
27	0	0	9	0	0
28	0	0	8	0	0
29	0	0	7	0	0
30	0	0	6	1	0
31	0	-	6	1	-
S.F.	0	0	109	81	3
Mean	0	0	4	3	0
Max.	0	0	12	7	1
Min.	0	0	0	0	0
A.F.	0	0	220	160	6

Water diverted 286 A.F.

CULBERTSON CANAL from Frenchman River--Measured
through 18-foot Parshall flume--Sec. 31-5-33 W.
1971

Date	Apr.	May	June	July	Aug.	Sept.
1	0	56	66	221	296	296
2	0	56	65	243	308	277
3	0	56	65	254	304	222
4	0	60	66	254	306	177
5	37	66	66	236	312	127
6	64	70	69	223	314	100
7	67	63	70	216	312	96
8	71	60	69	199	314	67
9	73	63	70	194	320	33
10	73	63	70	199	318	7
11	73	62	70	204	318	0
12	75	62	70	201	316	0
13	76	65	70	206	324	0
14	76	67	70	227	320	0
15	76	67	69	250	326	0
16	75	67	77	271	328	0
17	73	70	77	304	338	0
18	75	70	77	322	338	0
19	78	70	76	346	340	0
20	81	70	72	360	340	0
21	87	70	69	370	334	0
22	90	71	63	364	328	0
23	86	71	62	364	328	0
24	81	67	57	362	328	0
25	72	66	57	360	338	0
26	64	66	73	350	338	0
27	61	67	97	342	328	0
28	61	67	115	328	328	0
29	62	66	146	314	328	0
30	58	66	179	302	322	0
31	-	66	-	300	314	-
S.F.	1865	2026	2322	8686	10006	1403
Mean	63	65	77	280	323	47
Max.	90	71	179	370	340	296
Min.	0	56	57	194	296	0
A.F.	3700	4020	4610	17230	19850	2780

Water diverted 52190 A.F.
Acreage reported D-24, 25-29 & 30-9364; A-3869AR-
1491; A-6214-9849; A-9697-157; A-9802-132; Total-
20993

ENTERPRISE CANAL from North Platte River
Measured through rating flume--Sec. 27-23-57 W.
1971

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	34	0	45	34	93	105	102
2	21	0	48	27	97	105	105
3	27	0	60	36	95	109	105
4	22	0	53	25	99	109	99
5	15	0	56	35	99	97	95
6	8	0	56	35	99	96	93
7	0	0	55	35	104	104	94
8	0	0	56	35	103	109	96
9	0	0	53	35	102	119	93
10	0	0	53	34	99	122	89
11	0	0	54	33	104	122	88
12	0	0	58	32	105	117	90
13	0	0	55	33	102	111	90
14	0	45	48	32	105	117	90
15	0	45	48	21	105	110	89
16	0	45	48	26	107	111	71
17	0	45	44	50	122	111	52
18	0	45	44	43	117	110	55
19	0	45	44	42	111	109	55
20	0	46	42	40	112	109	55
21	0	45	42	40	112	109	50
22	0	46	41	46	105	110	42
23	0	45	41	46	107	110	40
24	0	46	39	49	100	107	37
25	0	26	38	62	101	107	35
26	0	29	38	69	103	105	34
27	0	41	27	69	103	89	32
28	0	29	26	89	102	107	31
29	0	42	25	96	107	117	31
30	0	44	15	95	105	117	18
31	0	--	34	--	105	105	--
S.F.	137	770	1427	1385	3218	2267	2055
Mean	4	24	46	46	104	109	63
Max.	34	46	60	96	122	123	105
Min.	0	0	34	31	93	96	18
A.F.	230	1450	2850	2750	6380	6600	4080
Water diverted	24460	A.F.					

ENTERPRISE CANAL from Morrill Drain
Measured in channel of drain--Sec. 14-23-57 W.
1971

Date	May	June	July	Aug.	Sept.
1	1	1	1	3	3
2	1	1	1	3	3
3	1	1	1	2	3
4	1	1	1	2	3
5	1	1	1	2	3
6	1	1	2	2	3
7	1	1	2	2	3
8	1	1	2	2	3
9	1	1	2	2	3
10	1	1	2	2	3
11	1	1	3	2	3
12	1	1	3	2	3
13	1	1	3	2	3
14	1	1	3	3	4
15	1	1	3	3	4
16	1	1	3	3	4
17	1	1	3	3	4
18	1	1	3	3	4
19	1	1	3	4	4
20	1	1	3	4	4
21	1	1	3	4	4
22	1	1	3	4	4
23	1	1	3	4	3
24	1	1	3	4	3
25	1	1	3	4	3
26	1	1	3	4	2
27	1	1	3	4	2
28	1	1	3	4	2
29	1	1	3	4	2
30	1	1	3	4	2
31	1	--	3	3	--
S.F.	31	30	78	94	94
Mean	1	1	3	3	3
Max.	1	1	3	4	4
Min.	1	1	1	2	2
A.F.	60	60	150	190	190
Water diverted	650	A.F.			

ENTERPRISE CANAL from Dry Spotted Tail Creek
Measured in channel of stream--Sec. 20-23-56 W.
1971

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	--
S.F.	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.			

ENTERPRISE CANAL from Winter Creek
Measured at downstream end of 24-inch concrete
pipe--Sec. 17-22-54 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	2	2	2
2	0	0	2	2	2
3	0	0	2	2	2
4	0	0	2	2	2
5	0	0	2	2	2
6	0	0	2	2	2
7	0	0	2	2	2
8	0	0	2	2	2
9	0	0	2	2	2
10	0	0	2	2	2
11	0	0	2	2	2
12	0	0	2	2	2
13	0	0	2	2	2
14	0	0	2	2	1
15	0	0	2	2	1
16	0	0	2	2	1
17	0	0	2	2	1
18	0	0	2	2	1
19	0	0	2	2	0
20	0	0	2	2	0
21	0	0	2	2	0
22	0	0	2	2	0
23	0	0	2	2	0
24	0	0	2	2	0
25	0	0	2	2	0
26	0	1	2	2	0
27	0	1	2	2	0
28	0	1	2	2	0
29	0	2	2	2	0
30	0	2	2	2	0
31	0	--	2	2	--
S.F.	0	7	62	62	31
Mean	0	0	2	2	1
Max.	0	2	2	2	2
Min.	0	0	2	2	0
A.F.	0	10	120	120	60
Water diverted	310	A.F.			

ENTERPRISE CANAL
Summary in Cero-foot—1971

Diverted from:	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
North Platte River.....	250	1450	2250	2750	6380	6680	4080	21460
Hornill Drain.....	0	0	60	60	150	190	190	650
Dry Spotted Tail.....	0	0	0	0	0	0	0	0
Tub Springs Creek.....	0	0	0	0	0	0	0	0
Winter Creek.....	0	0	0	10	120	120	60	310
Total.....	250	1450	2910	2820	6650	6990	4330	25420

Water diverted 24900 A.F.—Natural
520 A.F.—Storage
25420 A.F.—Total
Includes Glendo Storage
Acreage reported D-920-7532

ENTERPRISE CANAL (Combined flow-North & South) from
Niobrara River—Measured through rating flumes
Sec. 27-29-50 W.
1971

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

Water diverted 30 A.F.
Acreage reported D-461-290; A-5181-75; Total-
765

EXCELSIOR CANAL from Niobrara River
Measured through rating flume—Sec. 10-28-52 W.
1971

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	0	0	0	2
2	5	0	0	0	0	2
3	4	0	0	0	0	2
4	4	0	0	0	0	2
5	5	0	0	0	0	2
6	3	0	0	0	0	2
7	4	0	0	0	0	2
8	7	0	0	0	0	2
9	8	0	0	0	0	4
10	10	0	0	0	0	4
11	10	0	0	0	0	4
12	10	0	0	0	0	3
13	10	0	0	0	0	3
14	5	0	0	0	0	3
15	0	0	0	0	0	3
16	0	0	0	0	1	3
17	0	0	0	0	2	4
18	0	0	0	0	2	4
19	0	0	0	0	2	4
20	0	0	0	0	2	4
21	0	0	0	0	2	4
22	0	0	0	0	2	4
23	0	0	0	0	2	4
24	0	0	0	0	2	3
25	0	0	0	0	2	3
26	0	0	0	0	2	2
27	0	0	0	0	2	2
28	0	0	0	0	2	1
29	0	0	0	0	2	0
30	0	0	0	0	2	0
31	0	0	0	0	2	0
S.F.	89	0	0	0	31	85
Mean	2	0	0	0	1	3
Max.	10	0	0	0	2	4
Min.	0	0	0	0	0	0
A.F.	180	0	0	0	60	170

Water diverted 410 A.F.
Acreage reported D-568-200; A-2264-134; Total-
334

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	408	185	382	115	506
2	67	410	203	384	118	506
3	107	410	193	387	125	478
4	162	400	177	374	134	492
5	258	408	177	379	141	509
6	356	344	174	392	160	540
7	397	294	98	392	174	520
8	405	294	107	366	189	512
9	395	287	104	347	189	529
10	397	249	102	325	193	540
11	400	211	104	352	195	529
12	400	209	107	322	191	520
13	400	197	107	303	181	517
14	397	209	160	264	193	512
15	389	209	201	217	177	517
16	402	209	247	168	155	543
17	402	209	273	118	141	567
18	400	236	342	104	96	570
19	402	251	374	128	80	570
20	402	256	400	106	80	588
21	389	253	405	41	115	603
22	384	256	426	24	139	600
23	405	258	456	29	157	600
24	405	213	408	28	146	597
25	405	201	356	42	164	603
26	408	201	339	46	160	606
27	408	203	344	58	174	603
28	408	189	366	83	187	609
29	405	191	369	79	280	603
30	408	179	387	90	392	591
31	---	189	---	110	478	---
S.F.	10563	8033	7691	6440	5419	16580
Mean	252	259	256	208	175	553
Max.	408	410	456	392	478	609
Min.	0	119	98	24	80	478
A.F.	20950	15936	15250	12770	10750	32850

Water diverted 108540 A.F.
Acreage reported A-4423-46987; A-4923a & b-
Storage; A-5710-1404; A-10260a & b-Storage;
A-10470-259; Total-48650

FURBELL "RAIN" CANAL from Middle Loup River
Measured through six constant head orifice gates
Sec. 1-15-14 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	171	334	275
2	0	0	176	384	215
3	0	0	181	428	151
4	0	3	176	434	119
5	0	3	166	417	119
6	0	3	166	321	110
7	0	3	181	284	103
8	0	3	219	284	107
9	0	3	266	278	111
10	0	3	278	309	97
11	0	38	283	348	90
12	0	95	317	354	92
13	0	95	400	326	40
14	0	97	485	309	0
15	0	99	518	309	0
16	0	109	580	354	0
17	0	126	588	424	0
18	0	140	580	454	0
19	0	149	572	443	0
20	0	152	572	378	0
21	0	155	550	356	0
22	0	160	518	356	0
23	0	175	455	371	0
24	0	189	426	406	0
25	0	232	434	430	0
26	0	247	359	399	0
27	0	255	384	348	0
28	0	305	352	325	0
29	0	289	376	323	0
30	0	241	352	333	0
31	0	---	334	322	-
M.	0	3278	11497	11151	1629
Mean	0	113	371	360	54
Max.	0	305	588	454	275
Min.	0	0	166	278	0
A.F.	0	6700	22800	22120	3230
Water released 54850 A.F.					

FURBELL MAIN and SOUTH CANALS (Combined Flow)
Total released from Sherman Reservoir--Sec. 1-15-14 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	262	565	462
2	0	0	279	626	371
3	0	0	287	675	271
4	0	27	282	686	226
5	0	63	272	675	222
6	0	69	280	517	192
7	0	66	312	447	174
8	0	63	374	442	178
9	0	63	434	436	182
10	0	63	450	485	159
11	0	58	455	540	145
12	0	155	452	554	149
13	0	156	603	526	67
14	0	158	721	509	0
15	0	162	768	509	0
16	0	172	870	589	0
17	0	190	856	706	0
18	0	204	888	741	0
19	0	212	902	733	0
20	0	215	970	637	0
21	0	219	916	607	0
22	0	232	877	592	0
23	0	239	783	599	0
24	0	254	755	624	0
25	0	302	762	667	0
26	0	316	703	632	0
27	0	324	666	572	0
28	0	388	660	544	0
29	0	408	624	552	0
30	0	355	589	552	0
31	0	---	565	521	-
S.F.	0	5179	18674	18081	2795
Mean	0	172	602	583	92
Max.	0	408	970	741	462
Min.	0	0	262	436	0
A.F.	0	10270	37040	35860	5540
Water released 88710 A.F.					
Acreage reported A-4423-46987; B-4922a & b-Storage A-5710-1404; B-10260a & b-Storage; A-10470-259; Total-48650					

FURBELL "SOUTH" CANAL from Middle Loup River
Measured through four constant head orifice gates
Sec. 1-15-14 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	91	231	187
2	0	0	102	242	156
3	0	0	106	247	120
4	0	24	106	252	107
5	0	65	106	258	102
6	0	66	114	196	82
7	0	62	131	162	71
8	0	60	155	158	71
9	0	60	168	158	72
10	0	60	112	176	62
11	0	60	172	192	55
12	0	60	175	200	57
13	0	61	203	200	22
14	0	61	226	200	0
15	0	62	251	200	0
16	0	62	250	235	0
17	0	64	302	282	0
18	0	64	308	287	0
19	0	64	329	250	0
20	0	62	357	259	0
21	0	64	366	251	0
22	0	64	355	237	0
23	0	64	325	223	0
24	0	65	326	220	0
25	0	66	329	237	0
26	0	66	304	222	0
27	0	66	282	224	0
28	0	81	268	210	0
29	0	119	250	210	0
30	0	114	227	210	0
31	0	---	231	209	-
S.F.	0	1707	1177	6070	1166
Mean	0	60	232	224	39
Max.	0	119	366	290	187
Min.	0	0	91	158	0
A.F.	0	2570	14240	13740	2310
Water released 33860 A.F.					

FORSLING-KIDNEY CANAL from Lodgepole Creek
Measured through rating flume--Sec. 33-15-56 W.
1971

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	1
18	0	0	0	0	1
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
S.F.	0	0	0	0	2
Mean	0	0	0	0	0
Max.	0	0	0	0	1
Min.	0	0	0	0	0
A.F.	0	0	0	0	4
Water diverted 4 A.F.					
Acreage reported D-348-118; A-718-54; Total-172					

FORT LARAIE CANAL from North Platte River
Measured through Parshall flume—Sec. 11-26-65 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	648	1464	1520	1502
2	0	653	1511	1520	1505
3	0	657	1511	1517	1505
4	0	653	1511	1517	1461
5	0	655	1508	1517	1427
6	0	657	1508	1514	1415
7	0	655	1508	1517	1382
8	0	657	1508	1517	1321
9	0	655	1508	1520	1211
10	0	653	1505	1524	1185
11	0	653	1505	1524	1182
12	0	655	1508	1524	1182
13	0	655	1508	1520	1179
14	0	655	1508	1520	1171
15	0	657	1508	1520	1122
16	0	655	1508	1524	1122
17	0	650	1508	1520	1104
18	0	653	1508	1524	1053
19	0	653	1508	1524	1017
20	0	689	1511	1524	1006
21	0	732	1517	1524	974
22	0	818	1517	1527	897
23	0	853	1517	1527	855
24	0	892	1517	1524	853
25	0	990	1517	1524	851
26	0	1092	1517	1524	687
27	0	1197	1520	1527	593
28	0	1289	1520	1524	0
29	0	1567	1520	1524	0
30	152	1420	1520	1520	0
31	636	—	1520	1505	—
S.F.	785	23780	46824	47157	30590
Mean	25	792	1510	1521	1020
Max.	636	1420	1520	1527	1505
Min.	0	648	1464	1505	0
A.F.	1560	47170	92870	93540	60670

Water diverted 299310 A.F.
Acreage reported A-768 Nebr-54840; A-768 Wyo-50210; Total-105050

FRANKLIN CANAL from Republican River
Measured through orifice—Sec. 11-1-17 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	71	235	220	130
2	0	24	260	220	93
3	0	0	268	230	47
4	0	0	260	256	0
5	0	0	256	260	0
6	0	0	256	240	0
7	0	0	258	236	0
8	0	0	266	236	0
9	0	0	266	233	0
10	0	0	253	236	0
11	0	0	243	236	0
12	0	0	236	228	0
13	0	0	228	225	0
14	0	0	228	225	0
15	0	0	228	222	0
16	0	0	243	222	0
17	61	0	256	225	0
18	88	0	256	230	0
19	72	0	263	243	0
20	71	0	266	246	0
21	71	0	266	246	0
22	71	0	266	243	0
23	71	61	266	238	0
24	71	109	263	230	0
25	71	125	263	230	0
26	71	134	263	220	0
27	71	139	258	217	0
28	71	153	248	205	0
29	71	179	228	202	0
30	71	205	220	177	0
31	71	—	220	159	—
S.F.	1073	1200	7786	7036	270
Mean	35	40	251	227	9
Max.	88	205	268	260	130
Min.	0	0	220	159	0
A.F.	2130	2380	15440	13960	540

Water diverted 34450 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

FRANKLIN FURN CANAL from Republican River
Measured through 4-foot Parshall flume
Sec. 5-1-14 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	29	37	0
2	0	0	39	32	5
3	0	0	40	29	0
4	0	0	40	29	0
5	0	0	40	36	0
6	0	0	22	39	0
7	0	0	31	39	0
8	0	0	30	39	0
9	0	0	25	38	0
10	0	0	24	38	0
11	0	0	29	37	0
12	0	0	31	35	0
13	0	0	30	31	0
14	0	0	38	28	0
15	0	0	41	28	0
16	0	0	43	33	0
17	0	0	43	37	0
18	0	0	43	36	0
19	0	0	43	35	0
20	0	0	46	35	0
21	0	0	45	31	0
22	0	0	41	27	0
23	0	0	42	27	0
24	0	0	41	27	0
25	0	0	41	27	0
26	0	0	40	26	0
27	0	0	39	18	0
28	0	13	37	15	0
29	0	19	41	15	0
30	0	28	40	14	0
31	0	—	38	13	—
S.F.	0	60	1152	931	14
Mean	0	2	37	30	0
Max.	0	28	46	39	9
Min.	0	0	22	13	0
A.F.	0	120	2280	1850	30

Water diverted 4280 A.F.
Acreage reported A-4227-1947; A-6222-187; A-10962-8; Total-2142

FURN CANAL (Combined flow-North & South)
from Niobrara River—Measured through rating flumes
Sec. 25-29-50 W.
1971

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	—	—	—	—
S.F.	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-462-105

GEO. HITSHEW CANAL from Niobrara River
Measured through rating flume--Sec. 6-28-52 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	4	0	0
2	0	0	3	0	0
3	1	0	1	0	0
4	3	0	3	0	0
5	4	0	3	0	0
6	5	0	3	2	0
7	5	0	3	2	0
8	5	0	2	2	0
9	1	0	2	2	0
10	1	0	2	2	0
11	1	0	2	2	0
12	1	0	2	2	0
13	1	0	2	2	0
14	1	0	1	2	0
15	1	0	1	2	0
16	1	0	1	2	0
17	1	0	1	3	0
18	1	0	1	3	0
19	0	0	1	2	0
20	0	0	1	2	0
21	0	0	1	2	0
22	0	0	1	2	0
23	0	0	1	3	0
24	0	0	1	2	0
25	0	0	0	2	0
26	0	0	0	2	0
27	0	0	0	1	0
28	0	2	0	0	0
29	0	4	0	1	0
30	0	4	0	1	0
31	0	-	0	1	-
S.F.	33	10	45	50	0
Mean	1	0	1	2	0
Max.	5	4	4	3	0
Min.	0	0	0	0	0
A.F.	70	20	90	100	0

Water diverted 280 A.F.
Acreage reported A-1260-181

HARRIS-MERCE CANAL from Niobrara River
Measured through rating flume--Sec. 3-28-55 W.
1971

Date	Oct.	Nov	June	July	Aug.	Sept.
1	9	0	12	11	9	8
2	8	0	4	11	8	8
3	8	0	4	10	5	8
4	8	0	0	10	1	9
5	8	0	13	7	8	9
6	7	0	13	12	7	9
7	7	0	12	11	7	9
8	0	0	12	11	7	10
9	0	0	12	10	7	4
10	0	0	12	10	7	0
11	0	0	12	10	8	0
12	6	0	12	9	8	0
13	12	3	11	10	8	0
14	0	8	10	11	3	0
15	0	8	10	11	3	0
16	0	8	5	11	9	0
17	0	10	8	11	9	0
18	0	10	2	10	10	0
19	0	10	0	10	10	0
20	0	10	0	10	5	0
21	0	10	0	10	2	0
22	0	12	0	10	7	0
23	0	6	0	9	7	0
24	0	11	0	9	7	0
25	0	11	0	9	7	0
26	0	11	0	9	7	0
27	0	11	1	9	7	0
28	0	11	2	9	7	0
29	0	11	2	9	7	0
30	0	11	5	9	8	0
31	0	10	-	9	8	-
S.F.	73	184	180	307	224	14
Mean	2	6	6	10	7	2
Max.	12	11	11	12	10	10
Min.	0	0	0	7	1	0
A.F.	140	360	360	610	440	150

Water diverted 2060 A.F.
Acreage reported D-517-600; A-2275-509; Total-1109

HITSHEW PUMP NO. 2 from Niobrara River
Sec. 6-28-52 W.
1971

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	1	0	0	0	0
6	1	0	0	0	0
7	1	0	0	0	0
8	1	0	0	0	0
9	1	0	0	0	0
10	1	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	-
S.F.	10	0	0	0	0
Mean	0	0	0	0	0
Max.	1	0	0	0	0
Min.	0	0	0	0	0
A.F.	20	0	0	0	0

Water pumped 20 A.F.
Acreage reported A-4862-42

HOFFMAN PUMP from Niobrara River
Sec. 3-28-55 W.
1971

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	-
S.F.	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 A-5772-87

HOMRIGHAUSEN PUMP from Niobrara River
Sec. 9-28-52 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S.F.	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 A-4869-175

HOOPER CANAL from Blue Creek--Measured
through 2-foot Parshall flume--Sec. 6-16-42 W.
1971

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	6	14	13
2	11	0	0	12	11	12
3	12	0	0	12	10	10
4	12	0	0	11	9	11
5	13	0	0	10	11	12
6	14	0	0	10	11	12
7	8	0	0	8	6	12
8	0	0	0	10	11	12
9	0	0	0	9	15	12
10	0	0	0	10	14	11
11	0	0	0	9	13	12
12	0	0	0	9	13	11
13	0	0	0	9	13	11
14	0	0	0	11	14	11
15	0	0	0	12	12	12
16	0	0	0	12	12	12
17	0	0	0	13	12	12
18	0	0	0	15	12	10
19	0	0	7	12	13	10
20	0	0	11	12	12	10
21	0	0	4	13	12	10
22	0	0	11	12	12	11
23	0	0	10	14	12	11
24	0	0	5	12	12	11
25	0	0	8	12	11	10
26	0	0	12	12	11	7
27	0	0	14	11	12	12
28	0	0	8	11	6	11
29	0	0	10	14	8	11
30	0	0	5	13	14	12
31	0	0	-	13	13	-
S.F.	81	0	106	350	361	237
Mean	3	0	4	11	12	11
Max.	14	0	14	15	14	12
Min.	0	0	0	6	6	0
A.F.	160	0	210	690	720	670

Water diverted 2450 A.F.
Acreage reported D-781-858

HOOVER PUMP from Niobrara River
Sec. 21-31-57 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S.F.	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 pumped 0 A.F.
Acreage reported D-510R-84

HUGHES CANAL from Niobrara River
Measured through rating flume--Sec. 1-28-52 W.
1971

Date	Oct.	May	June	July	Aug.	Sept.
1	0.1	0.0	0.0	0.0	0.0	0.5
2	0.2	0.0	0.0	0.0	0.0	0.4
3	0.3	0.0	0.0	0.0	0.0	0.1
4	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	1.9	0.0	0.0
9	0.0	0.0	0.0	1.0	0.0	0.0
10	0.0	0.0	0.0	1.0	0.0	0.0
11	0.0	0.0	0.0	1.0	0.7	0.0
12	0.0	0.0	0.0	1.0	1.6	0.0
13	0.0	0.0	0.0	1.0	1.4	0.0
14	0.0	0.0	0.0	0.7	1.5	0.0
15	0.0	0.0	0.0	0.4	1.2	0.0
16	0.0	0.0	0.0	0.4	1.0	0.0
17	0.0	0.0	0.0	0.2	1.0	0.0
18	0.0	0.0	0.0	0.1	1.2	0.0
19	0.0	0.0	0.0	0.0	1.4	0.0
20	0.0	0.0	0.0	0.0	1.4	0.0
21	0.0	0.0	0.0	0.0	1.2	0.0
22	0.0	0.0	0.0	0.0	1.0	0.0
23	0.0	0.0	0.0	0.0	1.0	0.0
24	0.0	0.0	0.0	0.0	1.1	0.0
25	0.0	0.0	0.0	0.0	1.0	0.0
26	0.0	0.0	0.0	0.0	1.0	0.0
27	0.0	0.0	0.0	0.0	1.0	0.0
28	0.0	0.0	0.0	0.0	0.7	0.0
29	0.0	0.0	0.0	0.0	0.5	0.0
30	0.0	0.0	0.0	0.0	0.5	0.0
31	0.0	0.0	0.0	0.0	0.5	0.0
S.F.	0.7	0.0	0.0	8.8	21.5	1.0
Mean	0.0	0.0	0.0	0.0	0.7	0.0
Max.	0.7	0.0	0.0	1.0	1.6	0.5
Min.	0.0	0.0	0.0	0.0	0.0	0.0
A.F.	0.0	0.0	0.0	20	40	0.0

Water diverted 60 A.F.
Acreage reported D-587a-40; D-587b-20; Total-60

HURLEY-LILLY-POLLY CANAL from Lodgepole Creek
Measured through rating flume--Sec. 26-15-56 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	1	2	2
2	0	0	2	2	2
3	0	0	1	2	2
4	0	0	1	2	2
5	0	0	1	2	2
6	0	2	1	2	2
7	0	0	1	2	2
8	0	1	1	2	2
9	0	2	1	2	2
10	0	1	1	2	2
11	0	1	1	2	2
12	0	0	1	2	2
13	0	2	1	2	2
14	0	2	1	2	2
15	0	2	2	2	2
16	0	1	2	2	2
17	0	2	2	2	2
18	0	2	2	2	2
19	0	2	3	2	0
20	0	2	3	2	0
21	0	2	3	2	0
22	0	2	3	2	0
23	0	1	3	2	0
24	0	1	3	2	0
25	0	1	3	2	0
26	0	1	3	2	0
27	0	1	2	2	0
28	0	1	2	1	0
29	0	1	2	1	0
30	0	2	2	2	0
31	0	-	2	2	-
S.F.	0	35	57	60	36
Mean	0	1	2	2	1
Max.	0	2	3	2	2
Min.	0	0	1	1	0
A.F.	0	70	110	120	70

Water diverted 370 A.F.
Acreage reported D-354-180; A-4818-125;
Total-305

INTERSTATE CANAL from North Platte River
Measured through rating flume--Sec. 11-26-65 W., Wyo.
1971

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	932	0	930	609	1686	2030	1878
2	938	0	930	601	1686	2013	1901
3	938	0	932	601	1693	2013	1907
4	944	0	935	527	1752	2016	1881
5	944	0	938	30	1755	2020	1785
6	946	0	935	0	1752	2030	1782
7	946	0	932	0	1759	2030	1785
8	949	0	932	0	1802	2020	1749
9	836	0	935	0	1805	2029	1594
10	515	0	935	0	1802	2029	1581
11	109	0	930	0	1802	2043	1584
12	0	0	932	0	1805	2023	1587
13	0	0	916	0	1848	2020	1587
14	0	0	682	0	1894	2026	1584
15	0	246	362	0	1894	2036	1581
16	0	477	0	0	1904	2046	1564
17	0	698	0	0	1957	2039	1518
18	0	834	0	0	1957	2030	1462
19	0	817	0	0	1957	2030	1472
20	0	831	0	30	1960	2022	1469
21	0	853	0	326	2010	2023	1405
22	0	899	0	352	2016	2013	1297
23	0	902	0	910	2012	2013	1244
24	0	904	0	1042	2023	2006	1244
25	0	910	0	1064	2030	2003	1241
26	0	913	288	1207	2026	1997	1244
27	0	910	377	1341	2033	2000	1244
28	0	921	491	1511	2030	1977	1247
29	0	927	494	1670	2033	1950	1143
30	0	932	494	1693	2033	1947	949
31	0	---	517	---	2026	1884	---
S.F.	8997	12974	15817	13514	58743	62389	45509
Mean	290	432	510	450	1895	2013	1517
Max.	946	932	938	1693	2033	2046	1907
Min.	0	0	0	0	1686	1884	949
A.F.	17840	25730	31370	26800	116520	123750	90270

Water diverted 432280 A.F.
Acreage reported A-768 Nebr-100981; A-768 Wyo-13375;
Total-114256

JOHNSON CANAL from Niobrara River--Measured
through 1 1/2-foot Parshall flume--Sec. 35-31-57 W.
1971

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

Water diverted 70 A.F.
Acreage reported D-511R-146

KEARNEY CANAL from Platte River
Measured through Parahall flume--Sec. 33-9-17 W.
1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	60	130	9	0	0	0	0	117	137	134	166	89
2	60	134	3	0	0	0	0	120	136	130	155	158
3	61	134	0	0	0	0	0	122	136	127	142	195
4	63	127	0	0	0	0	0	125	137	118	122	197
5	83	139	0	0	0	0	0	134	141	112	144	212
6	113	157	0	0	0	0	0	134	144	117	125	185
7	107	151	0	0	0	0	0	129	148	120	86	166
8	101	151	0	0	0	0	41	127	149	139	70	130
9	100	146	0	0	0	0	89	125	132	124	83	136
10	95	148	0	0	0	0	84	124	118	112	151	136
11	92	146	0	0	0	0	102	122	118	142	166	134
12	89	148	0	0	0	0	155	122	118	181	153	130
13	94	146	0	0	0	0	160	125	117	153	130	130
14	95	141	0	0	0	0	106	127	115	146	199	130
15	95	137	0	0	0	0	100	130	120	137	218	132
16	88	141	0	0	0	0	102	134	125	142	144	129
17	90	144	0	0	0	0	113	134	125	158	139	127
18	96	141	0	0	0	0	118	134	122	160	155	127
19	95	144	0	0	0	0	141	132	120	144	164	136
20	95	144	0	0	0	0	153	132	118	142	160	94
21	95	146	0	0	0	0	157	132	120	134	164	100
22	96	66	0	0	0	0	168	132	134	130	168	142
23	88	26	0	0	0	0	170	132	142	129	136	146
24	88	28	0	0	0	0	164	134	141	134	144	144
25	90	19	0	0	0	0	153	137	137	136	136	148
26	89	14	0	0	0	0	146	139	136	146	122	127
27	82	11	0	0	0	0	166	142	137	149	125	125
28	82	10	0	0	0	0	216	146	146	160	94	79
29	107	10	0	0	-	0	175	142	144	189	58	84
30	155	10	0	0	-	0	117	137	139	179	52	89
31	137	--	0	0	-	0	---	137	---	189	69	--
S.F.	2881	3189	12	0	0	0	3096	4059	3952	4423	4140	4057
Mean	93	106	0	0	0	0	103	131	132	145	124	135
Max.	155	157	9	0	0	0	216	146	149	189	218	212
Min.	60	10	0	0	0	0	0	117	115	112	52	79
A.F.	5710	6330	20	0	0	0	6140	8050	7840	8770	8210	8050

Water diverted 59120 A.F.

Acreage reported D-1023-3992; A-8399-1688; A-9844-1027; A-10168-220; A-10871-579; Total-7606

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	37	101	0	0	0	0	0	89	94	82	87	32
2	34	100	0	0	0	0	0	93	89	84	74	61
3	32	124	0	0	0	0	0	99	89	85	60	122
4	38	107	0	0	0	0	0	95	93	76	49	135
5	39	101	0	0	0	0	0	95	93	72	45	152
6	70	126	0	0	0	0	0	122	93	65	73	147
7	75	131	0	0	0	0	0	94	95	46	32	125
8	76	133	0	0	0	0	0	102	102	64	18	80
9	76	130	0	0	0	0	0	101	111	97	12	102
10	74	126	0	0	0	0	0	100	84	67	41	105
11	72	125	0	0	0	0	0	98	74	40	85	102
12	68	124	0	0	0	0	53	95	69	133	69	97
13	68	125	0	0	0	0	142	93	70	84	58	92
14	69	121	0	0	0	0	124	92	61	72	68	86
15	70	116	0	0	0	0	92	93	70	66	138	88
16	70	118	0	0	0	0	92	94	80	50	89	99
17	57	121	0	0	0	0	96	95	69	59	58	98
18	73	124	0	0	0	0	108	99	77	85	59	99
19	70	121	0	0	0	0	98	98	78	76	78	101
20	77	108	0	0	0	0	157	96	77	61	70	92
21	71	109	0	0	0	0	129	96	77	59	80	42
22	71	118	0	0	0	0	147	93	79	45	93	116
23	69	30	0	0	0	0	154	93	94	42	69	116
24	61	29	0	0	0	0	142	94	90	47	59	114
25	65	1	0	0	0	0	135	93	85	47	50	120
26	71	0	0	0	0	0	122	93	80	50	54	112
27	58	0	0	0	0	0	146	93	170	58	47	84
28	61	0	0	0	0	0	170	93	70	65	49	79
29	60	0	0	0	-	0	216	94	76	77	28	49
30	121	0	0	0	-	0	88	97	90	87	9	71
a3	107	--	0	0	-	0	---	95	---	95	8	--
S.F.	2060	2669	0	0	0	0	2411	2977	2479	2136	1809	2918
Mean	66	89	0	0	0	0	80	96	83	69	58	97
Max.	121	133	0	0	0	0	216	122	111	133	138	152
Min.	32	0	0	0	0	0	0	89	61	40	8	32
A.F.	4090	5290	0	0	0	0	4780	5900	4920	4240	3590	5790

Water returned 38600 A.F.

LAST CHANCE CANAL from Pumpkinseed Creek
Measured through rating flume--Sec. 26-19-50 W.

Date	Oct.	Nov	June	July	Aug.	Sept.
1	3	0	0	5	3	5
2	3	0	2	5	3	5
3	3	0	7	6	3	4
4	3	0	7	6	3	4
5	3	0	7	5	3	3
6	1	0	6	6	2	3
7	0	0	5	6	2	3
8	0	0	5	6	2	3
9	0	0	5	6	2	3
10	0	0	6	6	2	3
11	0	0	6	6	2	3
12	0	0	5	6	3	3
13	0	0	5	6	3	4
14	0	0	6	5	3	4
15	0	0	6	5	3	4
16	0	0	6	5	3	3
17	0	0	6	4	3	3
18	0	0	6	4	3	3
19	0	0	6	4	2	3
20	0	0	6	4	2	2
21	0	0	6	4	3	2
22	0	0	4	4	3	3
23	0	0	4	4	3	3
24	0	0	5	3	3	3
25	0	0	5	3	3	4
26	0	0	5	3	3	4
27	0	0	5	3	3	5
28	0	0	5	3	4	4
29	0	0	5	3	5	4
30	0	0	5	3	6	4
31	0	0	-	3	6	-
S.F.	16	0	157	142	94	104
Mean	1	0	5	5	3	3
Max.	3	0	7	6	6	5
Min.	0	0	0	3	2	2
A.F.	30	0	310	280	190	210

Water diverted 1020 A.F.
Acreage reported D-885-330

LICHTE CANAL from Niobrara River--Measured
through Parshall flume--Sec. 27-29-48 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	3	0	4
2	0	0	4	0	4
3	0	0	3	0	3
4	0	0	2	0	0
5	0	0	2	0	0
6	0	0	0	0	0
7	0	0	0	2	0
8	0	0	0	4	0
9	0	0	0	4	0
10	0	2	0	4	0
11	0	6	0	5	0
12	0	5	0	5	0
13	0	5	0	5	0
14	0	5	1	5	0
15	0	5	6	4	0
16	0	5	5	4	0
17	0	3	5	4	0
18	0	5	5	4	0
19	0	3	5	4	0
20	0	0	5	4	0
21	0	2	5	4	0
22	0	5	4	4	0
23	0	5	3	5	0
24	0	3	0	4	0
25	0	4	0	2	0
26	0	4	0	4	0
27	0	2	0	3	0
28	0	0	0	2	0
29	0	0	0	4	0
30	0	1	0	4	0
31	0	-	0	4	-
S.F.	0	70	58	99	11
Mean	0	2	2	3	0
Max.	0	6	6	5	4
Min.	0	0	0	0	0
A.F.	0	140	120	200	20

Water diverted 480 A.F.
Acreage reported D-475R-101; A-1086R-180;
A-1088-31; A-1152R-17; A-2523R-206;
A-2837R-102; A-3592R-46; Total-683

LISCO CANAL from North Platte River
Measured over weir--Sec. 14-18-47 W.

Date	Oct.	Nov	June	July	Aug.	Sept.
1	20	0	25	47	34	40
2	14	0	12	45	36	30
3	11	0	25	36	32	20
4	13	0	12	24	25	22
5	14	0	41	23	36	16
6	17	0	38	22	45	11
7	17	0	35	18	37	11
8	22	0	34	24	35	10
9	24	0	32	10	34	11
10	9	0	31	34	45	12
11	0	0	31	34	49	12
12	0	0	31	31	46	11
13	0	0	11	46	48	10
14	0	0	11	40	49	11
15	0	0	9	37	48	11
16	0	0	13	48	49	2
17	0	0	13	47	54	3
18	0	0	11	40	50	4
19	0	10	9	39	52	4
20	0	22	12	42	54	1
21	0	21	20	45	54	0
22	0	22	20	51	59	0
23	0	23	22	46	51	0
24	0	24	8	44	51	0
25	0	21	26	42	54	0
26	0	22	28	35	46	0
27	0	28	40	33	44	0
28	0	28	41	31	44	0
29	0	28	48	33	56	0
30	0	27	51	35	51	0
31	0	26	-	35	44	-
S.F.	161	302	740	1117	1412	252
Mean	5	10	25	36	46	8
Max.	24	28	51	51	59	40
Min.	0	0	8	10	25	0
A.F.	320	600	1470	2220	2800	500

Water diverted 7910 A.F.
Acreage reported D-787R-1268; D-856-1391; A-243R-783; A-991-216; A-4658-112; A-5572-98; Total-3868

McGILLEY STOVER CANAL (NORTH and SOUTH) from Niobrara
River--Measured through 2-foot Parshall flume--Sec. 25-29-56 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	7	6	0	0
2	0	10	6	0	0
3	0	9	6	0	0
4	0	10	7	0	0
5	0	10	7	0	0
6	0	10	6	0	0
7	0	10	6	0	0
8	0	10	6	0	0
9	0	10	7	0	0
10	0	10	7	0	0
11	0	10	7	0	0
12	0	10	1	0	0
13	0	9	0	0	0
14	0	8	0	0	0
15	0	8	0	0	0
16	0	8	0	0	0
17	0	8	0	0	0
18	0	8	0	0	0
19	0	8	0	0	0
20	0	8	0	0	2
21	1	7	0	0	6
22	8	7	0	0	6
23	13	7	0	0	6
24	10	7	0	0	6
25	10	7	0	0	6
26	8	6	0	0	6
27	8	6	0	0	6
28	8	6	0	0	6
29	3	6	0	0	6
30	1	6	0	0	6
31	2	-	0	0	-
S.F.	72	246	72	0	62
Mean	2	8	2	0	2
Max.	13	10	7	0	6
Min.	0	6	0	0	0
A.F.	140	490	140	0	120

Water diverted 890 A.F.
Acreage reported D-513aR-575; D-513b-120;
Total-695

McINTOSH CANAL from Lodgepole Creek--Measured through rating flume--Sec. 23-15-55 W.

Date	May	June	July	Aug.	Sept.
1	3	1	0	2	0
2	3	1	0	1	1
3	3	1	0	1	1
4	3	1	0	1	1
5	3	1	0	1	1
6	3	1	0	3	1
7	3	1	0	3	2
8	3	1	0	3	2
9	3	1	0	3	2
10	3	1	0	3	2
11	3	0	0	3	2
12	3	0	0	3	2
13	3	0	0	3	2
14	3	1	0	3	2
15	3	1	0	0	2
16	3	0	0	0	2
17	0	0	0	0	2
18	0	1	0	0	2
19	0	0	2	0	2
20	0	1	2	0	2
21	0	0	2	0	2
22	0	0	2	0	2
23	0	0	2	0	2
24	0	0	2	0	2
25	0	0	2	0	2
26	0	0	2	0	2
27	0	0	2	0	3
28	0	0	2	0	3
29	0	1	1	0	3
30	1	0	2	0	2
31	1	0	2	0	0
S.F.	50	14	25	33	56
Mean	2	0	1	1	2
Max.	3	1	2	3	3
Min.	0	0	0	0	0
A.F.	100	30	50	70	110

Water diverted 360 A.F.
Acreage reported D-351-176; A-734-122;
Total-298

McLAUGHLIN CANAL from Niobrara River Measured through rating flume--Sec. 9-28-52 W. 1971

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	2	1	1
2	3	0	0	2	1	2
3	3	0	0	2	2	2
4	3	0	0	2	2	3
5	4	0	0	2	4	4
6	2	0	2	2	3	4
7	0	0	2	2	3	4
8	0	0	2	2	3	5
9	0	0	2	2	3	5
10	0	0	2	1	3	5
11	0	0	4	1	3	4
12	0	0	4	1	3	4
13	0	0	4	1	3	5
14	0	0	2	1	3	5
15	0	0	2	1	3	5
16	0	0	3	1	3	5
17	0	0	2	1	3	4
18	0	0	2	1	3	5
19	0	0	1	1	1	5
20	0	0	1	1	0	5
21	0	0	1	1	0	5
22	0	0	1	0	0	5
23	0	0	1	0	0	5
24	0	0	1	0	0	5
25	0	0	1	0	0	5
26	0	0	2	0	0	4
27	0	0	2	0	0	3
28	0	0	2	0	0	2
29	0	0	2	0	0	0
30	0	0	2	1	0	0
31	0	0	1	1	0	0
S.F.	17	0	67	32	50	116
Mean	1	0	2	1	2	4
Max.	4	0	4	2	4	5
Min.	0	0	0	0	0	0
A.F.	30	0	120	60	100	220

Water diverted 550 A.F.
Acreage reported D-566-500

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	49	238	300	226
2	0	49	244	289	199
3	0	49	236	287	156
4	0	49	228	283	136
5	0	49	181	279	136
6	0	49	136	267	136
7	0	48	126	258	131
8	0	15	126	256	122
9	0	0	119	250	109
10	0	0	116	258	96
11	0	0	116	282	99
12	0	0	145	297	93
13	0	0	190	310	84
14	0	0	244	314	76
15	0	0	300	313	74
16	4	0	336	309	70
17	66	0	347	293	59
18	62	0	344	288	55
19	62	0	344	268	55
20	62	0	346	255	51
21	56	10	346	243	42
22	51	48	346	240	16
23	51	61	346	246	0
24	51	97	346	258	0
25	51	111	346	258	0
26	51	114	344	254	0
27	51	114	344	255	0
28	52	124	335	254	0
29	49	174	329	254	0
30	49	216	310	252	0
31	49	---	300	243	0
S.F.	817	1426	8154	8405	2215
Mean	26	48	263	271	74
Max.	66	216	347	314	226
Min.	0	0	116	243	0
A.F.	1620	2830	16170	16670	4390

Water diverted 41680 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-17559

MEREDITH-HEBER CANAL from Pumpkinseed Creek Measured through rating flume--Sec. 25-19-50 W. 1971

Date	May	June	July	Aug.	Sept.
1	0	0	5	8	0
2	0	0	5	8	0
3	0	0	5	8	0
4	0	0	5	7	0
5	0	0	6	7	0
6	0	0	6	7	0
7	0	0	6	7	0
8	0	0	6	7	0
9	0	0	5	7	0
10	0	0	4	7	0
11	0	0	2	7	0
12	0	0	3	7	0
13	0	0	8	7	0
14	0	0	7	7	0
15	0	0	7	7	0
16	0	0	7	6	0
17	0	0	7	7	0
18	0	0	7	7	0
19	0	2	6	6	0
20	0	4	6	6	0
21	0	5	6	6	0
22	0	5	6	6	0
23	0	5	6	6	0
24	0	6	6	6	0
25	0	6	6	6	0
26	0	5	6	7	0
27	0	5	6	6	0
28	0	6	6	7	0
29	0	5	7	6	0
30	0	5	7	7	0
31	0	0	8	4	0
S.F.	0	59	183	207	0
Mean	0	2	6	7	0
Max.	0	6	8	8	0
Min.	0	0	2	4	0
A.F.	0	120	360	410	0

Water diverted 890 A.F.
Acreage reported D-876-460

NETTLEN CANAL from Niobrara River—Measured through rating flume—Sec. 4-28-54 W. 1971

Table with columns Date, Apr., May, June, July, Aug., Sept. and rows 1-31, S.F., Mean, Max., Min., A.F.

Water diverted 460 A.F. Acreage reported A-292-342; A-1248-53; A-2244-80; Total-475

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 1 from Middle Loup River Measured through rating flume—Sec. 14-19-18 W. 1971

Table with columns Date, May, June, July, Aug., Sept. and rows 1-31, S.F., Mean, Max., Min., A.F.

Water diverted 7950 A.F. Acreage reported A-2293-2360; A-2678-0; A-3979a-1162; A-3981a-185; A-8692-0; A-8930-63; Total-3770

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 2 from Middle Loup River Measured through rating flume—Sec. 14-19-18 W. 1971

Table with columns Date, May, June, July, Aug., Sept. and rows 1-31, S.F., Mean, Max., Min., A.F.

Water diverted 8230 A.F. Acreage reported A-2293-2536; A-2678-212; A-3979b-3226; A-3981b-355; A-4131-23; A-6623-25; Total-11998

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT CANAL NO. 3 from Middle Loup River Measured through rating flume—Sec. 6-17-16 W. 1971

Table with columns Date, May, June, July, Aug., Sept. and rows 1-31, S.F., Mean, Max., Min., A.F.

Water diverted 14630 A.F. Acreage reported A-2293-4277; A-2678-110; A-3979c-7414; A-3981c-87; A-4360-70; A-12179-40; Total-11998

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 4 from Middle Loup River
Measured through rating flume—Sec. 31-18-16 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	33	31	127	47
2	0	57	29	128	32
3	0	35	28	120	32
4	0	26	34	106	26
5	0	26	34	99	23
6	0	26	27	87	24
7	0	35	24	81	26
8	0	42	31	78	24
9	0	43	36	82	22
10	0	43	32	87	19
11	0	43	34	92	18
12	0	43	55	102	21
13	0	43	70	120	20
14	0	44	71	123	20
15	0	46	80	109	19
16	0	39	105	108	19
17	0	35	117	109	19
18	0	32	113	129	18
19	0	38	113	129	18
20	0	36	123	126	4
21	0	34	139	125	0
22	0	35	131	118	0
23	0	33	132	106	0
24	0	19	132	103	0
25	0	0	138	105	0
26	0	20	144	97	0
27	0	47	142	93	0
28	0	64	135	87	0
29	0	71	133	77	0
30	0	48	133	62	0
31	0	--	128	51	-
A.F.	0	1136	2674	3166	451
Mean	0	38	86	102	15
Max.	0	71	144	129	47
Min.	0	0	24	51	0
A.F.	0	2250	5300	6280	890

Water diverted 14720 A.F.

Acreeage reported A-2293-5952; A-2678-84;

A-3979d-4163; A-3981d-645; A-5139-0; A-10161-307;

A-10175-56; A-12197-65; A-12198-50; Total-11322

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
SPILLWAY CANAL NO. 2 returned to Middle Loup River
Sec. 13-18-17 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	9	3	10	16
2	0	1	3	8	12
3	0	0	3	8	13
4	0	0	4	8	11
5	0	0	7	7	10
6	0	2	5	8	9
7	0	8	4	8	7
8	0	10	6	9	7
9	0	7	3	7	7
10	0	7	6	6	8
11	0	5	4	6	8
12	0	4	3	4	9
13	0	4	1	1	9
14	0	3	0	2	9
15	0	3	1	7	8
16	0	4	2	7	3
17	0	5	0	7	4
18	0	7	1	4	5
19	0	7	1	2	6
20	0	7	0	2	2
21	0	8	0	4	0
22	0	8	0	6	0
23	0	9	1	6	0
24	0	9	1	5	0
25	0	9	2	4	0
26	0	9	4	1	0
27	0	10	5	5	0
28	0	4	6	8	0
29	8	1	6	10	0
30	9	3	8	9	0
31	12	-	8	11	-
S.F.	29	163	99	190	164
Mean	1	5	3	6	5
Max.	12	10	8	11	16
Min.	0	0	0	1	0
A.F.	60	320	200	380	330

Water returned 1890 A.F.

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	2	10	7	20
2	0	1	10	10	17
3	0	1	6	9	16
4	0	1	7	8	12
5	0	5	17	8	13
6	0	5	13	10	14
7	0	6	6	11	15
8	0	3	8	11	6
9	0	10	12	13	4
10	0	14	13	11	10
11	0	15	11	9	5
12	0	15	11	9	6
13	0	16	8	6	9
14	0	20	3	2	13
15	0	19	1	3	14
16	0	19	1	3	12
17	0	16	0	3	12
18	0	17	1	4	11
19	0	17	2	3	8
20	0	18	1	3	13
21	0	17	0	4	3
22	0	16	0	6	0
23	0	12	1	9	0
24	0	8	1	6	0
25	0	7	3	4	0
26	7	8	4	6	0
27	11	8	4	5	0
28	4	7	6	16	0
29	1	6	6	17	0
30	2	15	7	18	0
31	4	--	6	17	-
S.F.	29	324	179	251	242
Mean	1	11	6	8	8
Max.	11	20	17	18	20
Min.	0	1	0	2	0
A.F.	60	640	360	500	480

Water returned 2040 A.F.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
SPILLWAY CANAL NO. 1 returned to Middle Loup River
Sec. 27-18-17 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	4	5	1	4
2	0	3	4	0	4
3	0	4	5	2	5
4	0	5	6	1	8
5	0	5	7	2	9
6	0	6	5	2	8
7	0	6	4	1	8
8	0	5	2	1	6
9	0	5	0	0	6
10	0	6	0	1	7
11	0	4	2	1	7
12	0	5	2	0	8
13	0	5	2	0	8
14	0	5	2	1	7
15	0	5	2	1	8
16	0	5	2	1	7
17	0	7	1	2	10
18	0	5	1	1	9
19	0	5	1	1	8
20	0	6	0	2	8
21	0	7	0	2	9
22	0	7	1	2	9
23	0	8	1	1	7
24	0	9	1	1	4
25	1	9	1	1	0
26	8	9	2	1	0
27	6	9	1	1	0
28	5	8	2	1	0
29	1	7	1	0	0
30	3	7	2	0	0
31	5	-	2	2	-
S.F.	29	181	67	33	174
Mean	1	6	2	1	6
Max.	8	9	7	2	10
Min.	0	3	0	0	0
A.F.	60	360	130	60	350

Water returned 960 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	0	14	9	9
2	0	0	13	10	9
3	0	0	13	8	5
4	0	7	13	10	7
5	0	4	19	10	6
6	0	1	17	10	4
7	0	0	13	3	3
8	0	0	9	5	4
9	0	2	13	6	4
10	0	6	15	5	6
11	0	5	12	2	2
12	0	5	11	3	1
13	0	7	22	4	2
14	0	8	16	7	3
15	0	9	7	7	3
16	0	11	4	4	4
17	0	9	12	1	7
18	0	9	11	0	11
19	0	9	4	2	8
20	0	14	1	3	11
21	0	13	3	6	8
22	0	12	2	4	3
23	0	14	3	3	0
24	0	14	4	4	0
25	0	10	3	4	0
26	0	1	6	3	0
27	0	1	6	3	0
28	0	9	6	7	0
29	0	20	8	11	0
30	0	30	10	13	0
31	0	--	9	5	-
S.F.	0	230	299	172	120
Mean	0	8	10	6	4
Max.	0	30	22	13	11
Min.	0	0	1	0	0
A.F.	0	460	590	340	240

Water returned 1630 A.F.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 Summary in acre-feet--1971

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	320	510	2540	2840	1510	4950
Canal No. 2.....	280	1050	2990	3080	810	8230
Canal No. 3.....	660	2140	4920	5690	1220	14650
Canal No. 4.....	0	2250	5300	6280	890	14720
Total diversion.....	1260	6350	15750	17920	4250	45520
Returned through spillways:						
Spill No. 1.....	60	360	150	60	350	960
Spill No. 2.....	60	320	200	380	320	1290
Spill No. 3.....	60	640	360	500	480	2040
Spill No. 4.....	0	460	590	340	240	1630
Total returned.....	180	1780	1280	1280	1400	5920
Net diversion.....	1080	4570	14470	16640	2850	39610

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1971

	Oct.	May	June	July	Aug.	Sept.	Total
Diversions:							
Taylor-Ord Canal.....	0	1380	3960	10950	13200	6270	35760
Burwell-Sumter Canal....	0	1890	2010	5760	6870	1980	18510
Ord-North Loup Canal....	0	1030	1780	5250	5970	1460	15490
Total diverted.....	0	4300	7750	21960	26040	9710	69760
Returned through spillways:							
Taylor-Ord.....	10	240	1140	570	240	770	2960
Burwell-Sumter.....	0	260	620	400	280	350	1910
Ord-North Loup.....	0	200	540	400	220	540	1900
Total returned.....	10	700	2300	1370	740	1660	6770
Net diversion.....	0	3600	5450	20590	25300	8050	62990

NORTH PLATTE CANAL from North Platte River
Measured through 15-foot Parshall flume--Sec. 13-14-33 W.
1971

Date	Apr.	May	June	July	Aug.	Sept.
1	0	66	91	239	246	189
2	0	60	83	247	250	186
3	0	62	74	243	247	183
4	0	79	94	207	246	182
5	0	85	97	173	244	164
6	2	90	101	147	239	152
7	12	86	117	175	241	162
8	64	86	126	188	239	156
9	64	79	128	162	247	153
10	64	79	128	189	249	159
11	64	88	128	198	249	147
12	65	83	129	260	243	136
13	76	88	131	211	236	134
14	77	86	129	211	230	134
15	74	86	130	273	221	125
16	74	85	130	275	219	151
17	71	86	128	275	211	139
18	72	85	126	271	213	138
19	87	69	128	278	221	139
20	52	60	123	276	216	58
21	19	61	120	278	211	0
22	55	90	131	273	208	0
23	85	108	148	262	218	0
24	86	105	152	253	221	0
25	75	98	175	252	222	0
26	68	73	167	255	219	0
27	60	89	179	252	221	0
28	54	89	203	253	219	0
29	61	89	227	253	227	0
30	67	90	228	250	228	0
31	---	91	---	246	201	-
S.F.	1549	2574	4051	7445	7102	2997
Mean	52	83	135	240	229	100
Max.	87	108	228	278	250	189
Min.	0	60	74	147	201	0
A.F.	3070	5100	8040	14770	14090	5940
Water diverted 51010 A.F.						
Acreage reported D-635-14065						

NORTHBURT CANAL from North Platte River--Measured
through section of Tri-State Canal--Sec. 10-23-58 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	123	246	233	212
2	0	103	249	225	214
3	0	76	230	227	212
4	0	103	221	224	174
5	0	91	239	222	181
6	0	93	245	208	137
7	0	112	238	199	141
8	0	122	230	196	121
9	0	198	212	223	158
10	38	126	199	225	163
11	79	118	231	225	125
12	87	118	233	227	135
13	105	143	222	206	135
14	111	130	228	205	111
15	126	110	242	207	110
16	99	111	238	215	100
17	81	116	237	221	94
18	91	115	220	226	107
19	104	139	217	216	95
20	96	192	224	205	91
21	92	208	221	202	57
22	119	163	209	207	67
23	146	162	218	208	85
24	119	208	230	216	89
25	139	194	225	222	53
26	144	250	239	221	29
27	156	225	241	223	63
28	127	187	228	228	45
29	127	213	228	225	0
30	149	223	229	225	0
31	158	---	221	216	-
S.F.	2473	4472	7100	6728	3304
Mean	80	149	229	217	110
Max.	158	250	249	233	214
Min.	0	76	199	196	0
A.F.	4910	8870	14080	13340	6550
Water diverted 47750 A.F.					

NORTHPORT CANAL from Drains
entering Tri-State Canal
1971

Date	May	June	July	Aug.	Sept.
1	0	20	118	175	178
2	0	45	122	176	177
3	0	25	124	166	178
4	0	23	135	162	192
5	0	22	129	159	183
6	0	23	125	160	176
7	0	22	125	171	175
8	0	21	138	174	195
9	0	22	152	176	186
10	24	21	139	177	172
11	24	19	135	176	176
12	23	18	130	174	172
13	23	17	132	177	172
14	23	17	135	179	172
15	22	17	137	184	174
16	22	17	137	183	187
17	22	18	138	175	189
18	22	18	145	168	193
19	22	18	153	170	193
20	22	18	151	170	196
21	21	18	149	169	210
22	34	19	154	164	186
23	24	18	152	163	82
24	22	18	152	160	47
25	22	18	156	159	47
26	22	18	160	163	48
27	21	56	161	168	47
28	21	92	166	171	46
29	21	111	174	177	42
30	21	125	177	183	36
31	21	—	177	183	—
S.F.	499	914	4478	5310	4428
Mean	16	30	144	171	148
Max.	34	125	118	184	210
Min.	0	17	177	159	36
A.F.	990	1810	8880	10530	8780
Water diverted	30990	A.F.			

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet—1971

Section Township Range	Section					Total	
	May	June	July	Aug.	Sept.		
Diverted from:							
North Platte River	10-23-58	4910	8870	14080	13340	6550	47750
*Sheep Creek	17-23-57	0	480	4730	5720	5150	16080
*Akers Draw	17-23-57	400	490	800	720	560	2970
*Tub Springs	27-33-55	0	120	2300	2560	1120	6100
*Spotted Tail, Dry	9-23-56	0	0	0	340	0	340
*Spotted Tail, Wet	10-23-56	590	720	1050	1190	1950	5500
*Moffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		5900	10680	22960	23870	15330	78740

Water diverted 78740 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.

ORCHARD-ALFALFA CANAL from Platte River
Measured through Farshall flume—Sec. 9-19-24 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	33	12	66	53
2	0	33	11	71	56
3	0	31	12	72	52
4	0	31	15	70	50
5	0	43	23	68	50
6	0	53	18	73	48
7	0	44	18	78	46
8	0	36	14	79	45
9	0	33	9	81	43
10	0	31	32	79	38
11	0	32	50	79	40
12	0	32	51	85	45
13	0	30	53	79	43
14	0	29	55	78	34
15	0	29	58	78	20
16	0	29	70	71	0
17	0	12	73	65	0
18	0	4	80	64	0
19	0	4	82	56	0
20	0	17	83	45	0
21	0	34	84	44	0
22	0	31	77	43	0
23	0	28	80	42	0
24	0	26	79	34	0
25	4	25	72	23	0
26	0	23	73	33	0
27	4	30	79	29	0
28	26	45	83	46	0
29	32	50	81	43	0
30	33	28	77	41	0
31	33	—	70	47	—
S.F.	142	906	1675	1882	663
Mean	5	30	54	61	22
Max.	36	53	84	85	56
Min.	0	4	9	23	0
A.F.	280	1800	3320	3730	1320

Water diverted 10450 A.F.
Acreage reported D-627-5915

OSHKOSH CANAL from North Platte River—Measured
through Farshall flume—Sec. 33-17-44 W.
1971

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	—
S.F.	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-797-673

OSAGO CANAL from Lodgepole Creek—Measured
through rating flume—Sec. 29-15-55 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	5	3	2
2	0	0	2	2	3
3	0	0	4	2	2
4	0	4	3	3	3
5	0	4	3	3	3
6	0	4	3	3	4
7	0	5	2	3	4
8	0	4	3	2	4
9	0	3	5	2	4
10	0	3	5	2	4
11	0	2	3	3	3
12	0	2	3	2	3
13	0	2	2	2	3
14	0	0	1	2	4
15	0	2	1	2	4
16	0	2	1	2	4
17	0	2	1	1	4
18	0	3	3	1	5
19	0	2	3	1	4
20	0	2	3	1	4
21	0	1	3	3	4
22	0	2	4	3	4
23	0	2	4	3	4
24	0	1	4	1	4
25	0	1	4	2	3
26	0	1	4	2	3
27	0	1	3	2	3
28	0	1	3	1	4
29	0	3	3	0	3
30	0	5	2	1	3
31	0	—	3	1	—
S.F.	0	64	95	61	106
Mean	0	2	3	2	4
Max.	0	5	5	3	5
Min.	0	0	1	0	2
A.F.	0	130	190	120	210

Water diverted 650 A.F.
Acreage reported D-347R-82; A-725-688;
Total-771

PHISLEY CANAL from Blue Creek—Measured
through 4-foot Farshall flume—Sec. 6-16-42 W.
1971

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	24	0	4	2	25	6	4
2	24	0	4	3	26	7	2
3	24	0	3	3	26	7	3
4	24	0	4	0	25	6	5
5	25	0	7	0	25	5	5
6	26	0	8	0	23	5	4
7	27	0	5	2	22	9	4
8	28	0	4	3	22	17	4
9	28	0	5	5	22	8	5
10	28	0	9	4	22	5	4
11	29	0	13	4	21	4	5
12	28	0	0	6	21	4	5
13	28	0	0	6	20	4	6
14	13	0	0	5	20	3	6
15	0	0	0	4	16	2	7
16	0	0	0	4	14	2	7
17	0	0	0	4	9	2	3
18	0	0	0	4	1	3	6
19	0	3	0	6	0	4	7
20	0	12	0	11	0	2	6
21	0	8	0	12	0	2	8
22	0	6	0	19	9	2	11
23	0	6	0	20	10	2	3
24	0	6	0	22	10	2	0
25	0	5	0	26	8	2	0
26	0	5	0	26	8	2	11
27	0	5	0	26	8	2	9
28	0	5	0	27	7	3	8
29	0	5	0	23	6	4	16
30	0	5	0	16	6	5	17
31	0	—	1	—	6	4	—
S.F.	356	71	67	292	438	136	182
Mean	11	2	2	10	14	4	6
Max.	29	12	13	27	26	17	17
Min.	0	0	0	0	0	2	0
A.F.	710	140	130	580	870	270	360

Water diverted 3060 A.F.
Acreage reported D-800-815; A-515-95; A-1738-176;
Total-1086

PAXTON-HERSHEY CANAL from North Platte River
Measured through Parshall flume--Sec. 18-14-33 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	9	48	103	95
2	0	9	53	112	86
3	0	9	29	129	79
4	0	13	39	124	76
5	0	22	60	124	77
6	8	26	44	124	74
7	0	18	54	113	72
8	0	13	67	108	69
9	0	11	73	121	66
10	0	10	71	127	58
11	0	9	74	123	45
12	0	10	98	118	44
13	2	12	117	118	62
14	19	12	122	113	58
15	41	12	126	104	56
16	25	12	131	108	73
17	6	11	131	101	71
18	26	11	131	95	61
19	25	11	139	97	61
20	22	11	137	93	28
21	24	11	117	91	16
22	25	11	122	96	44
23	26	11	122	109	0
24	26	21	117	116	0
25	21	29	105	113	0
26	7	38	104	114	0
27	7	36	115	112	0
28	7	38	114	108	0
29	7	49	108	103	0
30	6	51	104	114	0
31	8	—	103	104	—
S.F.	338	546	2975	3440	1371
Mean	11	18	96	111	46
Max.	41	51	139	129	95
Min.	0	9	29	91	0
A.F.	670	1080	5900	6820	2720

Water diverted 17190 A.F.
Acreage reported D-653-7323

MILLERS COUNTY CANAL from Platte River via
Tri-County Canal--Measured through Parshall
flume--Sec. 2-8-21 W.
1971

Date	Apr.	May	June	July	Aug.	Sept.
1	0	17	376	1260	1020	492
2	0	17	418	1370	995	391
3	0	58	468	1410	1000	405
4	0	100	458	1290	1040	355
5	0	122	502	1170	1000	307
6	0	142	526	1200	976	288
7	0	142	529	1260	968	274
8	0	142	539	1260	936	258
9	0	124	543	1230	912	237
10	0	122	582	1160	904	211
11	0	118	560	854	928	202
12	18	135	590	896	904	202
13	34	158	557	1020	854	190
14	54	173	568	1140	814	173
15	32	178	586	1140	755	156
16	31	178	575	1140	710	151
17	30	180	578	1240	715	102
18	28	192	571	1290	726	89
19	27	239	552	1270	748	89
20	25	252	539	1270	795	89
21	22	166	550	1290	807	36
22	11	126	557	1270	783	71
23	5	120	586	1200	801	62
24	6	175	653	1140	840	54
25	6	268	721	1080	889	41
26	7	210	814	1080	896	38
27	17	355	861	1080	896	38
28	17	388	985	1110	833	25
29	17	397	1180	1150	795	6
30	15	394	1230	1160	742	0
31	00	375	—	1130	710	—
S.F.	384	5861	18695	36560	26690	5060
Mean	12	189	622	1119	861	169
Max.	34	397	1230	1410	1040	492
Min.	0	17	376	854	710	0
A.F.	760	11640	37080	72520	52940	10040

Water diverted 184980 A.F.

PIONEER CANAL from Niobrara River--Measured
through rating flume--Sec. 36-29-51 W.
1971

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	0	0	4
2	3	0	0	0	0	4
3	3	0	0	0	0	4
4	3	0	0	0	0	2
5	3	0	0	0	0	1
6	3	0	0	0	0	4
7	4	0	0	0	0	4
8	4	0	0	0	0	5
9	4	0	0	0	0	5
10	4	0	0	0	0	5
11	4	0	0	0	0	5
12	4	0	0	0	0	5
13	4	0	0	0	0	5
14	4	0	0	0	0	5
15	4	0	0	0	0	5
16	4	0	0	0	0	5
17	4	0	0	0	1	5
18	4	0	0	0	3	5
19	2	0	0	0	3	6
20	0	0	0	0	3	6
21	0	0	0	0	3	6
22	0	0	0	0	3	6
23	0	0	0	0	3	6
24	0	0	0	0	3	6
25	0	0	0	0	3	2
26	0	0	0	0	3	0
27	0	0	0	0	4	0
28	0	0	0	0	4	0
29	0	0	0	0	4	0
30	0	0	0	0	4	0
31	0	0	—	0	4	—
S.F.	68	0	0	0	48	116
Mean	2	0	0	0	2	4
Max.	4	0	0	0	4	6
Min.	0	0	0	0	0	0
A.F.	130	0	0	0	100	230

Water diverted 460 A.F.
Acreage reported D-442a-604; A-3812-55; A-4599-15; A-5010-192; Total-866

POTMESIL CANAL from Niobrara River--Measured
through Parshall flume--Sec. 26-29-48 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	0	0	4	1
2	0	0	0	4	1
3	0	0	0	5	1
4	0	0	2	4	0
5	0	0	4	4	0
6	0	0	5	4	0
7	0	0	7	5	1
8	0	0	7	4	0
9	0	0	5	5	0
10	0	0	0	7	0
11	0	0	0	7	0
12	0	0	4	7	0
13	0	0	7	5	0
14	0	0	7	4	0
15	0	0	7	4	0
16	0	0	6	4	0
17	0	0	7	4	0
18	0	0	7	4	0
19	0	0	7	4	0
20	0	0	7	4	0
21	0	0	7	4	0
22	0	0	6	4	0
23	0	0	2	4	0
24	0	0	1	3	0
25	0	0	1	1	0
26	0	0	1	1	0
27	0	0	0	1	0
28	0	0	0	1	0
29	6	0	1	1	0
30	8	0	4	1	0
31	7	—	4	1	—
S.F.	21	0	116	115	4
Mean	1	0	4	4	0
Max.	8	0	7	7	1
Min.	0	0	0	1	0
A.F.	40	0	230	230	10

Water diverted 510 A.F.
Acreage reported A-2566-473

RAMSHORN CANAL from North Platte River
Measured over 15-foot weir--Sec. 19-23-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	21	0	0	6	0	10
2	21	0	0	10	0	11
3	21	0	0	10	0	11
4	21	0	0	8	0	11
5	20	0	0	11	0	10
6	20	0	0	10	0	5
7	21	0	0	7	0	3
8	12	0	0	3	0	0
9	0	0	0	5	0	0
10	0	0	0	3	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	2	0
14	0	0	0	0	18	0
15	0	0	0	0	21	0
16	0	0	0	0	19	0
17	0	0	0	0	13	0
18	0	0	0	0	9	0
19	0	0	0	0	7	0
20	0	0	0	0	6	0
21	0	0	0	0	5	0
22	0	0	0	0	5	0
23	0	0	3	0	5	0
24	0	0	1	0	4	0
25	0	0	3	0	3	0
26	0	0	3	0	3	0
27	0	0	4	0	15	0
28	0	0	5	0	15	0
29	0	0	6	0	15	0
30	0	0	4	0	11	0
31	0	0	-	0	10	-
S.F.	157	0	29	73	186	61
Mean	5	0	1	2	6	2
Max.	21	0	6	11	21	11
Min.	0	0	0	0	0	0
A.F.	310	0	60	140	370	120

Water diverted 1000 A.F.
Acreage reported D-945-1652

RED WILLOW CANAL from Red Willow Creek
Measured through orifice check--Sec. 25-4-29 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	14	85	45	41
2	0	14	95	53	32
3	0	15	86	69	28
4	0	19	81	77	21
5	0	20	69	85	20
6	0	20	51	86	20
7	0	20	42	81	20
8	0	7	36	81	18
9	0	0	29	91	16
10	0	0	24	91	15
11	0	0	23	89	14
12	0	0	23	75	14
13	0	0	26	62	14
14	0	0	35	55	12
15	0	0	49	55	11
16	0	0	69	52	4
17	0	0	79	49	0
18	0	0	79	48	0
19	0	0	92	46	0
20	0	0	98	42	0
21	0	0	102	40	0
22	0	10	102	40	0
23	4	33	87	44	0
24	18	27	79	43	0
25	27	37	77	40	0
26	27	39	79	40	0
27	22	39	66	45	0
28	16	42	60	45	0
29	14	58	54	45	0
30	14	64	46	46	0
31	14	-	44	45	-
S.F.	156	488	1971	1804	301
Mean	5	16	64	58	10
Max.	27	64	102	91	41
Min.	0	0	23	40	0
A.F.	310	970	3910	2500	600

Water diverted 9370 A.F.
Acreage reported A-3866R-3780; A-6216-545; A-10195-456; A-12068-569; Total-5250

RIVERSIDE CANAL from Frenchman River
Measured in section of canal--Sec. 33-4-32 W.

Date	May	June	July	Aug.	Sept.
1	0	0	12	13	11
2	0	0	12	16	11
3	0	0	17	13	11
4	0	0	15	13	11
5	0	0	13	14	11
6	0	0	11	14	11
7	0	0	9	14	12
8	0	0	9	13	12
9	0	0	10	13	12
10	0	0	10	12	11
11	0	0	11	11	10
12	0	0	12	12	10
13	0	0	12	14	10
14	0	0	13	9	10
15	0	0	12	16	10
16	0	0	12	14	9
17	0	0	13	14	9
18	0	0	13	14	9
19	0	0	12	15	9
20	0	0	11	15	6
21	0	0	11	14	0
22	0	0	11	13	0
23	0	0	12	14	0
24	0	4	12	13	0
25	0	8	12	13	0
26	0	9	13	13	0
27	0	11	14	13	0
28	0	14	12	13	0
29	0	12	11	12	0
30	0	12	14	12	0
31	0	-	13	12	-
S.F.	0	70	374	411	205
Mean	0	2	12	13	7
Max.	0	14	17	16	12
Min.	0	0	9	9	0
A.F.	0	140	740	820	470

Water diverted 2110 A.F.
Acreage reported D-18-359; A-1674-217;
Total-576

RUTTNER CANAL (New) from Lodgepole Creek
Measured through rating flume--Sec. 36-15-57 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	2	0	0	1
2	0	2	2	2	0
3	0	2	2	2	1
4	0	2	2	2	1
5	0	2	2	2	1
6	0	2	2	2	0
7	0	2	2	2	0
8	0	2	2	2	0
9	0	2	0	2	0
10	0	2	0	2	0
11	0	2	0	2	0
12	0	2	0	2	0
13	0	2	0	2	0
14	0	2	0	0	0
15	0	2	0	2	0
16	0	2	0	0	0
17	0	0	0	2	0
18	0	0	0	2	0
19	0	0	0	2	0
20	0	0	0	2	0
21	0	0	2	2	0
22	0	2	2	0	0
23	0	2	2	0	0
24	0	2	0	1	0
25	0	2	0	1	0
26	0	2	0	1	0
27	0	2	0	0	0
28	0	2	0	1	0
29	2	2	0	1	0
30	2	0	0	1	0
31	2	-	0	1	-
S.F.	6	48	20	45	4
Mean	0	2	7	1	0
Max.	2	2	2	2	1
Min.	0	0	0	0	0
A.F.	10	100	40	90	10

Water diverted 250 A.F.
Acreage reported D-350R-22; A-727-39;
A-857R-92; A-869-44; A-5303-25; Total-222

RUTHER-KINNEY CANAL from Lodgepole Creek
Measured through rating flume--Sec. 31-15-56 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	0	0	3	0
3	0	0	0	4	3
4	0	0	0	4	2
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	2	0
9	0	0	1	2	0
10	0	0	3	2	0
11	0	0	1	2	0
12	0	0	2	2	0
13	0	0	3	0	0
14	0	0	3	0	0
15	0	0	1	5	0
16	0	0	1	1	0
17	0	0	7	1	0
18	0	0	7	4	0
19	0	0	6	0	0
20	0	0	5	0	0
21	0	0	0	0	0
22	0	0	0	4	0
23	0	0	0	0	0
24	0	0	6	0	0
25	0	0	2	0	0
26	0	0	2	0	0
27	0	9	1	1	0
28	0	2	1	3	0
29	0	0	0	3	0
30	0	0	0	3	0
31	0	-	2	4	-
S.F.	0	2	54	52	5
Mean	0	0	2	2	0
Max.	0	2	7	5	3
Min.	0	0	0	0	0
A.F.	0	0	110	100	10

Water diverted 220 A.F.
Acreage reported D-345R-116; D-350-51;
A-718R-53; A-182B-14; Total-234

SARGENT CANAL from Middle Loup River--Measured
through 10-foot Parshall flume--Sec. 32-21-21 W.
1971

Date	May	June	July	Aug.	Sept.
1	0	21	84	209	89
2	0	44	114	214	37
3	0	47	130	219	71
4	0	39	121	222	75
5	0	28	116	220	68
6	0	23	116	207	61
7	0	25	122	193	49
8	0	25	141	187	46
9	0	23	151	166	48
10	0	26	154	151	52
11	0	25	151	151	51
12	0	29	158	163	47
13	0	32	179	185	46
14	0	32	198	187	46
15	0	41	214	190	44
16	0	39	210	202	40
17	0	51	210	215	38
18	0	60	210	220	38
19	0	55	228	220	37
20	0	55	237	220	37
21	0	51	248	208	37
22	0	49	252	203	31
23	0	45	256	186	24
24	0	45	249	186	21
25	0	43	244	190	6
26	0	43	237	178	0
27	0	48	232	166	0
28	0	50	228	163	0
29	0	57	228	139	0
30	0	73	221	116	0
31	0	-	208	99	-
S.F.	0	1224	5847	5775	1174
Mean	0	41	189	186	39
Max.	0	73	256	222	89
Min.	0	23	84	59	0
A.F.	0	2430	11600	11450	2330

Water diverted 27810 A.F.
Acreage reported A-4841a-13588; A-10260c-
Supp

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet--1971

Diversions:	May	June	July	Aug.	Sept.	Total
North Platte River.....	0	0	0	0	0	0
Sarben Slough.....	0	0	270	460	520	1250
Total diversion.....	0	0	270	460	520	1250

Water diverted 1250 A.F.
Acreage reported D-710-918

SHERIDAN-WILSON CANAL from North Platte River
Measured through section of canal
Sec. 20-14-35 W.
1971

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	-
S.F.	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.

SHERIDAN-WILSON CANAL from Sarben Slough
 Measured in section of canal
 Sec. 20-14-35 W.
 1971

Date	May	June	July	Aug.	Sept.
1	0	0	0	8	8
2	0	0	0	8	8
3	0	0	0	8	8
4	0	0	0	8	8
5	0	0	0	8	8
6	0	0	0	8	8
7	0	0	0	8	8
8	0	0	0	8	9
9	0	0	0	7	9
10	0	0	0	7	9
11	0	0	0	7	9
12	0	0	0	7	9
13	0	0	0	7	9
14	0	0	0	7	9
15	0	0	0	7	9
16	0	0	9	7	9
17	0	0	9	7	9
18	0	0	9	7	9
19	0	0	9	7	9
20	0	0	9	7	9
21	0	0	9	7	9
22	0	0	9	7	9
23	0	0	9	7	9
24	0	0	9	8	9
25	0	0	9	8	9
26	0	0	8	8	9
27	0	0	8	8	9
28	0	0	8	8	9
29	0	0	8	8	9
30	0	0	8	8	9
31	0	-	8	8	-
S.F.	0	0	138	233	263
Mean	0	0	4	8	9
Max.	0	0	9	8	9
Min.	0	0	0	7	8
A.F.	0	0	270	460	520

Water diverted 1250 A.F.

SHORT LINE CANAL from North Platte River
 Measured through rating flume—Sec. 25-21-55 W.
 1971

Date	Oct.	Nov	June	July	Aug.	Sept.
1	15	0	14	37	25	25
2	0	0	15	41	24	21
3	0	0	0	37	22	21
4	0	0	0	36	22	35
5	0	0	0	36	21	37
6	0	0	0	32	21	30
7	0	0	0	29	22	30
8	0	0	0	28	22	18
9	0	0	0	32	23	12
10	0	6	0	28	21	12
11	0	12	0	28	22	11
12	0	12	0	16	23	8
13	0	14	0	0	23	8
14	0	15	0	0	22	9
15	0	17	0	0	22	8
16	0	17	0	3	24	10
17	0	17	0	6	23	12
18	0	16	0	16	24	11
19	0	17	0	20	27	9
20	0	19	0	20	28	9
21	0	18	0	21	29	8
22	0	17	0	23	30	10
23	0	17	0	28	32	13
24	0	16	0	30	34	19
25	0	14	11	36	35	19
26	0	14	22	37	37	19
27	0	14	30	29	39	15
28	0	14	35	31	39	14
29	0	14	36	30	45	12
30	0	14	36	27	36	12
31	0	14	-	26	28	-
S.F.	15	328	199	763	845	497
Mean	0	11	7	25	27	17
Max.	15	19	26	41	45	37
Min.	0	0	0	0	21	8
A.F.	30	650	350	1510	1680	990

Water diverted 5250 A.F.
 Acreage reported D-946-3020

SIX MILE CANAL from Platte River—Measured
 through Parshall flume—Sec. 18-11-25 W.
 1971

Date	Apr.	May	June	July	Aug.	Sept.
1	0	28	2	3	17	12
2	0	54	2	1	15	16
3	0	66	2	1	16	11
4	0	49	2	0	19	10
5	0	6	2	0	20	10
6	0	3	2	10	21	10
7	0	3	2	7	25	12
8	0	2	2	2	23	14
9	0	2	2	5	22	11
10	0	2	2	18	18	8
11	0	6	2	33	13	7
12	0	8	2	29	13	5
13	0	9	2	30	16	4
14	0	9	1	31	16	3
15	0	9	2	30	22	3
16	0	7	1	36	13	3
17	0	6	1	36	12	3
18	0	7	1	33	12	3
19	0	6	1	27	15	3
20	0	8	1	22	16	3
21	0	9	1	26	13	3
22	0	13	1	28	10	4
23	0	21	1	25	16	3
24	0	28	1	23	12	4
25	0	26	5	23	14	4
26	0	21	10	20	10	4
27	0	18	9	19	7	4
28	32	15	6	16	7	4
29	25	15	2	17	7	4
30	50	10	1	14	8	4
31	-	5	-	23	12	-
S.F.	107	471	77	588	460	189
Mean	4	15	2	19	15	6
Max.	50	66	10	36	25	16
Min.	0	2	1	0	7	3
A.F.	210	930	140	1170	910	370

Water diverted 3730 A.F.
 Acreage reported D-680-1173

SNOW CANAL from Niobrara River—Measured
 through rating flume—Sec. 35-29-51 W.
 1971

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	0	1
4	0	0	0	0	2
5	0	0	0	0	2
6	0	0	0	0	2
7	0	0	0	0	2
8	0	0	0	0	3
9	0	0	0	0	2
10	0	0	0	0	3
11	0	0	0	0	2
12	0	0	0	0	2
13	0	0	0	0	2
14	0	0	0	1	2
15	0	0	0	1	2
16	0	0	0	1	3
17	0	0	0	1	3
18	0	0	0	1	3
19	0	0	0	1	4
20	0	0	0	1	4
21	0	0	0	1	4
22	0	0	0	1	4
23	0	0	0	1	4
24	0	0	0	1	5
25	0	0	0	0	5
26	0	0	0	0	5
27	0	0	0	0	4
28	0	0	0	1	3
29	0	0	0	1	4
30	0	0	0	1	4
31	0	-	0	1	-
S.F.	0	0	0	15	88
Mean	0	0	0	0	3
Max.	0	0	0	1	5
Min.	0	0	0	0	1
A.F.	0	0	0	30	170

Water diverted 200 S.F.
 Acreage reported D-485-200

THIRTY MILE CANAL from Platte River--Measured
through Marshall Flume--Sec. 30-12-26 W.
1971

Date	Day	June	July	Aug.	Sept.
1	0	76	165	273	224
2	0	78	157	277	213
3	0	79	159	279	202
4	0	78	155	279	195
5	0	76	154	281	170
6	0	76	154	281	170
7	0	79	123	287	170
8	0	76	170	281	162
9	0	78	180	279	151
10	0	79	185	279	149
11	0	80	204	279	147
12	0	81	218	281	146
13	0	80	241	277	132
14	0	79	241	283	117
15	0	79	259	275	125
16	0	78	265	263	66
17	0	76	241	250	0
18	0	76	275	231	0
19	0	78	275	220	0
20	0	79	277	215	0
21	0	79	287	215	0
22	0	81	291	206	0
23	0	84	289	206	0
24	0	84	287	204	0
25	0	115	287	206	0
26	52	132	289	224	0
27	79	120	289	226	0
28	76	144	287	208	0
29	78	151	287	209	0
30	79	152	279	215	0
31	78	---	275	224	0
S.F.	445	2683	7279	7709	2544
Mean	14	89	235	249	85
Max.	79	151	291	283	224
Min.	0	76	123	204	0
A.F.	880	5720	14440	15290	5050

Water diverted 43980 A.F.

Acreeage reported A-18538-10251; A-1976-3555; A-2077-320; Total-14126

TRI-COUNTY CANAL from Platte River for Power and Irrigation
Measured through 30-foot Parshall flume--Sec. 28-13-29 W.
1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1680	1220	1900	1910	1970	1900	1970	1420	2070	2090	2090	1380
2	1750	1380	1930	1910	2060	1920	1970	1400	2060	2090	2090	1390
3	1880	1420	1970	1840	2000	1940	2010	1320	2060	2100	2110	1390
4	1940	1430	1940	1200	1920	1950	2040	1260	2060	2120	2130	1320
5	1880	1390	1990	1160	1800	1990	2080	1240	2100	2130	2130	1350
6	1800	1380	1980	1080	1460	1980	2080	1190	2080	2140	2130	1390
7	1560	1380	1980	1270	1220	1970	2080	1260	2050	2110	2140	1390
8	1520	1460	1940	1410	1300	1950	2060	1380	2100	2120	2140	1420
9	1640	1640	1950	1370	1370	1990	2060	1310	2050	2170	2120	1480
10	1670	1580	1930	1550	1450	2010	2090	1340	2040	2120	2110	1480
11	1570	1460	1790	1520	1770	2030	2080	1320	2010	2110	2140	1480
12	1640	1450	1890	1480	1940	2040	1560	1300	2000	2120	2150	1490
13	1560	1490	1960	1560	2000	2030	1530	1220	2030	2090	2120	1530
14	1600	1560	2010	1720	2010	2030	1450	1390	2060	2120	2150	1570
15	1620	1640	1990	1630	2000	2020	1450	1370	2010	2140	2140	1600
16	1620	1640	2000	1700	2020	1980	1480	1380	2040	2140	2120	1650
17	1590	1640	2010	1720	2000	1980	1380	1730	2080	2140	2100	1610
18	1640	1600	1990	1840	1980	1940	1390	2050	2060	2140	2100	1540
19	1630	1580	1880	1870	1950	1860	1430	2120	2070	2120	2100	1510
20	1620	1580	1840	1910	1860	1980	1470	2110	2090	2140	2130	1460
21	1580	1600	1880	1960	1920	2040	1370	2110	2080	2130	2150	1500
22	1610	1590	1980	2000	1230	2040	1120	2150	2110	2140	2160	1440
23	1600	1480	1920	2000	1270	2020	1320	2190	2100	2130	2140	1310
24	1470	1370	1680	2010	1550	1960	1280	2120	2110	2130	1710	1260
25	1420	1930	1480	2010	1870	2010	1380	2070	2090	2120	1360	1420
26	1610	2060	1620	2030	2000	2030	1420	2040	2020	2140	1370	1400
27	1620	1980	1780	2030	1960	2070	1420	2020	2050	2130	1400	1400
28	1600	1890	1790	2020	1950	2070	1370	2050	2020	2120	1350	1310
29	1410	1820	1480	2080	---	2040	1370	2060	2000	2130	1390	1360
30	1360	1860	1610	2080	---	2000	1420	2050	2040	2100	1410	1400
31	1350	---	1870	2000	---	2010	---	2080	---	2080	1410	---
S.F.	50040	47500	57960	53870	49830	61780	49130	52050	61740	65800	60290	43330
Mean	1614	1583	1870	1738	1780	1993	1638	1679	2058	2123	1945	1444
Max.	1940	2060	2010	2080	2060	2070	2080	2190	2110	2170	2160	1650
Min.	1360	1220	1480	1080	1220	1860	1120	1190	2000	2080	1350	1310
A.F.	99250	94210	114960	106850	98840	122540	97450	103240	122460	130510	119580	85940

Water diverted 1295830 A.F.

Acreeage reported A-2355-89346; (Storage only)-A-3620-952; A-3823-804; A-4656-1496; A-5278-5048; A-7716-800; A-9673-28435; Total-126881

TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River
Measured through Farshall flume--Sec. 36-12-27 W.
1971

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	51	0
7	0	0	0	0	0	0	0	0	0	0	100	0
8	0	0	0	0	0	0	0	0	0	0	101	0
9	0	0	0	0	0	0	0	0	0	0	51	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	56	0
12	0	0	0	0	0	0	0	0	0	0	167	0
13	0	0	0	0	0	0	0	0	0	0	167	0
14	0	0	0	0	0	0	0	0	0	0	124	0
15	0	0	0	0	0	0	0	0	0	0	46	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	30	0
22	0	0	0	136	0	0	0	0	0	0	207	0
23	0	0	0	223	0	0	0	0	0	0	284	0
24	0	0	0	223	0	0	0	0	0	0	102	0
25	0	0	0	223	0	0	0	0	0	0	0	0
26	0	0	0	225	0	0	0	0	0	0	0	0
27	0	0	0	94	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	-	0	0	0	0	0	0	0
30	0	0	0	0	-	0	0	0	0	0	0	0
31	0	-	0	0	-	0	-	0	-	0	0	-
S.F.	0	0	0	1124	0	0	0	0	0	0	1526	0
Mean	0	0	0	36	0	0	0	0	0	0	49	0
Max.	0	0	0	225	0	0	0	0	0	0	284	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	2230	0	0	0	0	0	0	3030	0
Water returned 5260 A.F.												

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	1201	1255	1573	1541	1881	1773	1666	1034	1127	40	110	93
2	1188	1420	1612	1577	1918	1723	1721	1006	1231	110	110	154
3	1370	1352	1616	1303	1553	1675	1755	976	1123	98	114	158
4	1348	1236	1575	1467	1615	1692	1760	931	663	106	102	182
5	1748	1327	1562	1412	1736	1588	1747	1869	831	106	114	252
6	1841	1130	1192	1201	1453	1699	1761	853	789	102	106	285
7	1816	1140	1563	1191	1274	1669	1764	794	813	98	102	313
8	1783	956	1672	1254	1565	1727	1756	786	744	102	102	326
9	1755	1028	1734	1196	1388	1775	1701	796	775	106	150	342
10	1462	1006	1712	1257	1174	1798	1713	805	743	110	182	376
11	1510	1112	1680	1251	927	1857	1884	809	685	301	130	418
12	1469	1139	1719	1243	1410	1829	1712	793	828	256	90	422
13	1426	1018	1415	1171	1611	1794	1320	798	518	219	170	485
14	1412	966	1665	1214	1614	1787	820	759	760	150	252	485
15	1538	929	1693	1170	1655	1768	844	763	549	118	318	528
16	1033	1023	1669	1169	1682	1803	913	757	662	110	305	601
17	1637	1074	1721	1167	1713	1802	967	749	678	102	186	652
18	1505	1078	1720	1172	1730	1752	1001	602	807	114	248	635
19	1623	1110	1739	1230	1784	1762	1014	919	717	94	122	687
20	1621	1158	1381	1222	1700	1773	1053	1364	636	94	126	721
21	1624	1362	1759	1312	1782	1771	1108	1453	690	94	223	882
22	1515	1124	1597	1445	1748	1765	1113	1426	676	90	178	1070
23	1476	1543	1625	1573	1705	1780	1088	1469	636	90	142	1150
24	1603	1616	1658	1438	1392	1813	1066	1355	629	90	66	1250
25	1631	1365	1475	1581	1361	1792	1060	1136	280	90	38	1200
26	1518	1388	1443	1570	1412	1794	1090	1057	271	94	21	1210
27	1473	1479	1265	1547	1598	1783	1012	1027	255	94	20	1310
28	1514	1640	1519	1761	1563	1797	1005	1013	219	102	5	1270
29	1399	1425	1400	1904	----	1695	1009	989	114	118	0	1360
30	1389	1659	1651	1936	----	1588	1001	1069	57	114	3	1320
31	1312	----	1591	1870	----	1626	----	1102	----	102	3	----
S.F.	46740	37058	49196	43345	43944	54250	39424	31259	19506	3614	3838	20437
Mean	1508	1235	1587	1398	1569	1750	1314	1008	650	117	124	681
Max.	1841	1659	1759	1936	1918	1857	1884	1869	1231	301	318	1360
Min.	1033	929	1192	1167	927	1588	820	602	57	40	0	93
A.F.	92710	73500	97580	85970	87160	107600	78200	62000	38690	7170	7610	40540
Water returned 778730 A.F.												

TRI-STATE DIVERSIONS
FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS
Summary in acre-feet--1971

Diverted from:	May	June	July	Aug.	Sept.	Total
North Platte River.....	19640	29060	59560	60320	23970	202550
*Optional Diversions.....	0	10	790	1460	460	2720
**Drains.....	410	0	0	0	40	450
Total.....	20050	29070	60350	61780	34470	205720

Water diverted 205720 A.F.

Acreage reported D-918-58158; A-660-2913; O.D.'s-1717; Total-62788

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

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	396	824	987	878
2	0	458	851	1005	836
3	0	443	880	1003	788
4	0	414	889	1006	822
5	0	421	881	1008	743
6	402	424	875	1002	726
7	406	393	822	1011	705
8	388	395	910	1064	697
9	380	314	918	1007	651
10	326	379	941	1005	582
11	307	394	909	985	594
12	331	394	907	975	598
13	319	367	938	1014	607
14	365	377	972	1005	607
15	379	404	983	1003	584
16	423	403	1002	975	582
17	428	410	1023	999	562
18	431	468	1020	974	507
19	415	511	1032	974	509
20	418	496	1016	985	513
21	425	501	1039	998	521
22	381	561	1051	975	482
23	356	556	1062	962	444
24	395	562	1050	944	415
25	385	659	1065	938	437
26	373	609	1051	949	457
27	378	655	1009	947	425
28	383	748	1032	952	441
29	383	761	1012	925	312
30	351	797	1001	925	119
31	342	---	999	904	---
S.F.	9900	14650	30030	30412	17127
Mean	319	488	969	987	571
Max.	448	797	1065	1064	878
Min.	0	314	824	904	119
A.F.	19640	29060	59560	60320	33970

Water diverted 202550 A.F.

UNION CANAL from Blue Creek--Measured
through rating flume--Sec. 18-16-42 W.
1971

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	2	0	18	16
2	5	0	2	0	18	17
3	5	0	2	0	18	17
4	6	0	2	0	17	18
5	6	0	2	0	17	18
6	7	0	2	0	12	14
7	7	0	2	0	2	10
8	10	0	1	0	2	10
9	10	0	1	0	14	7
10	5	0	1	0	19	5
11	5	0	1	0	18	4
12	6	0	1	0	18	0
13	6	0	1	0	15	0
14	0	0	0	10	19	3
15	0	0	0	14	19	1
16	0	0	0	16	18	1
17	0	0	0	18	18	1
18	0	0	0	19	18	1
19	0	0	0	19	17	0
20	0	0	0	18	18	0
21	0	0	0	18	17	0
22	0	0	0	18	17	0
23	0	0	0	18	17	0
24	0	1	0	18	16	0
25	0	2	2	18	17	0
26	0	2	5	18	16	0
27	0	2	8	18	16	0
28	0	2	7	18	17	0
29	0	2	5	18	17	0
30	0	2	0	18	17	0
31	0	2	0	18	16	0
S.F.	82	15	47	329	502	147
Mean	3	0	2	11	16	5
Max.	10	2	8	19	19	18
Min.	0	0	0	0	2	0
A.F.	160	30	90	650	1000	290

Water diverted 2220 A.F.
Acreage reported D-763-1226

WESTERN CANAL from South Platte River
Measured in section of canal--Sec. 14-12-43 W.
1971

Date	Oct.	May	June	July	Aug.	Sept.
1	136	0	0	50	38	29
2	122	0	0	112	38	32
3	142	0	0	116	40	34
4	149	0	0	112	41	36
5	132	0	0	112	41	38
6	112	0	0	99	40	41
7	96	0	0	112	41	45
8	119	0	0	96	43	47
9	142	0	0	93	43	52
10	136	0	0	122	45	56
11	126	0	0	96	50	63
12	99	0	0	76	34	71
13	103	0	0	76	32	79
14	109	0	0	66	34	85
15	94	0	0	59	29	99
16	0	0	0	63	29	90
17	0	0	0	56	29	93
18	0	0	0	50	29	82
19	0	0	0	47	29	71
20	0	0	0	45	29	68
21	0	0	0	43	29	149
22	0	0	0	43	29	79
23	0	0	0	43	31	76
24	0	0	0	40	32	96
25	0	0	0	41	34	106
26	0	0	0	47	34	103
27	0	0	0	50	31	96
28	0	0	31	43	27	90
29	0	0	99	40	27	79
30	0	0	85	40	24	93
31	0	0	---	38	22	---
S.F.	1817	0	215	2126	1054	2178
Mean	59	0	7	69	34	73
Max.	149	0	99	122	50	149
Min.	0	0	0	38	22	29
A.F.	3600	0	430	4220	2090	4320

Water diverted 14660 A.F.
Acreage reported A-393-13357; A-1804-800; A-4739-498; Total-14655

WINTERS CREEK CANAL from North Platte River--Measured through 8-foot Parshall flume--Sec. 17-22-55 W. 1971

Date	May	June	July	Aug.	Sept.
1	0	0	20	23	19
2	0	0	18	15	18
3	0	0	17	9	18
4	0	0	6	6	18
5	1	0	9	5	18
6	2	0	10	11	18
7	2	0	13	19	18
8	2	0	16	17	16
9	1	0	4	27	14
10	1	0	6	22	13
11	1	0	8	22	13
12	0	0	10	22	12
13	0	0	15	22	12
14	0	0	14	21	12
15	0	0	22	22	12
16	0	1	21	22	13
17	0	4	15	23	14
18	0	4	12	24	16
19	0	4	9	23	17
20	0	4	7	23	13
21	0	4	6	22	10
22	0	5	5	22	2
23	0	9	16	23	0
24	0	11	19	21	0
25	0	22	20	21	0
26	0	26	22	21	0
27	0	26	23	22	0
28	0	28	24	21	0
29	0	23	26	20	0
30	0	20	25	21	0
31	0	—	25	22	—
S.F.	10	194	463	614	316
Mean	0	6	15	20	11
Max.	2	28	26	27	19
Min.	0	0	4	5	0
A.F.	20	380	920	1220	630

Water diverted 3170 A.F.

WINTERS CREEK CANAL from Winter Creek--Measured through 8-foot Parshall flume--Sec. 19-22-54 W. 1971

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	0	37	51	36
2	0	0	0	38	49	36
3	0	1	0	36	48	38
4	0	0	0	34	48	32
5	0	0	0	35	48	27
6	0	0	0	36	48	37
7	0	0	0	45	51	22
8	0	0	0	41	51	15
9	0	0	0	5	22	0
10	0	0	0	8	25	0
11	0	0	0	16	31	0
12	0	0	0	28	27	0
13	0	0	0	40	34	18
14	0	0	0	41	35	28
15	0	0	0	49	42	20
16	0	0	0	51	46	32
17	0	0	1	45	46	25
18	0	0	4	48	47	32
19	0	0	6	48	49	32
20	0	0	6	45	49	33
21	0	0	7	45	49	24
22	0	0	10	47	43	25
23	0	0	14	51	48	21
24	0	0	14	50	45	18
25	0	0	22	50	50	23
26	0	0	30	48	51	25
27	0	0	27	48	50	25
28	0	0	32	51	49	26
29	0	0	41	52	40	32
30	0	0	41	52	31	11
31	0	0	—	51	40	—
S.F.	4	1	258	1271	1369	754
Mean	0	0	9	41	44	25
Max.	4	1	41	52	51	38
Min.	0	0	0	5	25	0
A.F.	10	0	510	2520	2720	1500

Water diverted 7260 A.F.

WINTERS CREEK FACTORY LATERAL from Winter Creek Measured through 2-foot Parshall flume--Sec. 19-22-54 W. 1971

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	0	0	4	0
2	0	0	0	0	4	0
3	0	0	0	0	6	0
4	0	0	0	4	3	0
5	0	0	0	2	8	0
6	0	0	0	2	9	0
7	0	0	0	2	6	0
8	0	0	0	2	5	0
9	0	0	0	0	6	0
10	0	0	0	0	6	0
11	0	0	0	0	11	0
12	0	0	0	0	10	0
13	0	0	0	0	8	0
14	0	0	0	2	7	3
15	0	0	0	1	5	4
16	0	0	0	2	4	6
17	0	0	0	5	4	4
18	0	0	0	4	5	4
19	0	0	0	5	5	3
20	0	0	0	7	5	2
21	0	0	0	8	5	2
22	0	0	0	7	5	6
23	0	0	0	5	5	10
24	0	0	0	3	7	10
25	0	0	0	4	11	10
26	0	0	0	4	8	10
27	0	0	0	4	6	10
28	0	0	0	4	4	11
29	0	0	0	4	2	11
30	0	0	0	4	0	7
31	0	0	—	5	0	—
S.F.	4	0	0	90	179	113
Mean	0	0	0	3	6	4
Max.	4	0	0	8	11	11
Min.	0	0	0	0	0	0
A.F.	10	0	0	180	360	220

Water diverted 770 A.F.

WINTERS CREEK DIVERSIONS Summary in acre-feet--1971

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	0	20	180	920	1220	630	3170
Winters Creek.....	20	0	510	2700	3060	1120	6020
Total diversion.....	20	20	690	3620	4280	2550	11200

Water diverted 11200 A.F.
Increase reported B-952-5740

STORAGE IN RESERVOIRS

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

1972

BENNETT RESERVOIR STORAGE IN ACRE-FEET
 A-657, A-1974, on Lodgepole Creek—Sec. 22-15-55 W.
 Water Year Ending September 30, 1972

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1			272									
2												
3												
4												
5												
6												
7												
8												
9												
10												
11		276									461	419
12								715				
13			188	143			600			552		
14	307				98	798						
15									717			
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27				108			623					
28	258		117		97					507		433
29									635			
30						649		558			370	434
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, 1972

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												2420
2											8880	
3										16090		
4											8610	
5	2490								15710			
6												
7												
8											7650	
9												2210
10							14260	15420	16030	15350		
11				8890	10540							
12		4760	7010									
13												
14												
15							14340					
16										12740		
17											4840	
18												
19												
20				9350	11110		14440		15840	11580		2580
21			7570			13130		16520				
22												
23												
24												
25											3340	
26									16550	10460		
27												
28												
29	3790		8120		11650							
30		6170		9950		13600	15010		16750			
31								16180		9430	2460	

CRESCENT LAKE STORAGE IN ACRE-FEET
Head of Blue Creek--Sec. 21-20-44 W.
Water Year Ending September 30, 1972

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	592	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	718	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	538	---	---	---
9	---	286	---	---	---	583	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	178	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	412	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	64
16	---	---	---	---	---	---	---	682	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	412	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	268	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	304	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	33
31	---	---	---	---	---	---	---	---	---	---	---	---

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET
Water Year Ending September 30, 1972

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1678800	1738000	1762000	1735000	1711000	1726000	1765000	1835400	1762000	1759000	1612600	1501300
2	1684600	1741000	1762000	1735000	1711000	1726000	1765000	1838500	1762000	1756000	1609800	1498600
3	1687500	1741000	1759000	1735000	1711000	1726000	1768100	1838500	1759000	1753000	1607000	1495900
4	1687500	1744000	1759000	1732000	1711000	1726000	1768100	1838500	1759000	1750000	1604100	1493200
5	1690400	1744000	1759000	1729000	1711000	1729000	1771200	1838500	1759000	1747000	1604100	1490500
6	1690400	1744000	1759000	1726000	1711000	1729000	1774200	1835400	1762000	1744000	1604100	1493200
7	1693300	1747000	1759000	1723000	1711000	1732000	1777200	1835400	1762000	1738000	1601200	1490500
8	1696200	1747000	1756000	1723000	1711000	1732000	1777200	1832300	1762000	1735000	1601200	1490500
9	1696200	1747000	1756000	1723000	1714000	1732000	1780300	1829200	1759000	1732000	1598400	1490500
10	1699100	1750000	1753000	1723000	1714000	1735000	1783400	1829200	1759000	1729000	1595600	1487800
11	1702000	1753000	1753000	1723000	1714000	1735000	1786400	1829200	1759000	1723000	1595600	1487800
12	1705000	1753000	1750000	1720000	1714000	1735000	1789400	1829200	1756000	1717000	1592700	1487800
13	1705000	1753000	1750000	1720000	1714000	1738000	1792500	1826100	1756000	1711000	1589800	1487800
14	1708000	1756000	1747000	1720000	1714000	1738000	1795600	1823000	1756000	1705000	1587000	1487800
15	1708000	1756000	1747000	1717000	1717000	1741000	1795600	1820000	1756000	1699100	1584200	1487800
16	1711000	1759000	1747000	1717000	1717000	1741000	1798600	1813800	1756000	1690400	1578600	1487800
17	1714000	1759000	1744000	1717000	1717000	1744000	1798600	1810800	1756000	1681700	1575800	1485100
18	1717000	1762000	1744000	1714000	1717000	1744000	1801600	1804700	1759000	1675900	1570200	1485100
19	1720000	1762000	1744000	1714000	1720000	1747000	1804700	1798600	1759000	1670100	1564600	1482400
20	1723000	1765000	1741000	1714000	1720000	1747000	1807800	1792500	1759000	1664300	1559000	1482400
21	1723000	1765000	1741000	1717000	1720000	1750000	1807800	1789400	1759000	1658500	1553400	1479700
22	1726000	1765000	1741000	1717000	1720000	1750000	1810800	1786400	1756000	1652700	1547800	1477000
23	1726000	1765000	1741000	1717000	1720000	1750000	1810800	1783400	1756000	1646900	1542200	1474400
24	1729000	1765000	1741000	1717000	1720000	1753000	1813800	1780300	1756000	1641200	1536600	1474400
25	1729000	1765000	1741000	1720000	1720000	1753000	1813800	1777200	1759000	1635400	1531000	1474400
26	1732000	1765000	1741000	1720000	1720000	1756000	1816900	1771200	1759000	1632600	1525600	1471700
27	1735000	1765000	1741000	1717000	1723000	1759000	1820000	1768100	1762000	1626900	1520200	1469000
28	1735000	1762000	1738000	1717000	1723000	1759000	1826100	1765000	1765000	1624000	1517500	1466400
29	1735000	1762000	1738000	1714000	1723000	1762000	1829200	1765000	1762000	1624000	1514800	1463800
30	1738000	1762000	1735000	1714000	---	1762000	1832300	1765000	1762000	1621200	1509400	1463800
31	1738000	---	1735000	1714000	---	1765000	---	1762000	---	1615500	1506700	---

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
NEAR MCGHEE--Sec. 6-20-52 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	6	4	12	21	20
2	4	3	11	20	26
3	1	2	13	20	26
4	1	2	15	22	28
5	1	1	14	23	30
6	1	1	14	22	31
7	1	10	11	21	31
8	1	16	6	16	31
9	1	17	6	11	32
10	2	18	6	9	33
11	2	19	5	6	33
12	4	20	4	6	33
13	7	19	3	6	32
14	6	17	2	6	31
15	6	18	2	6	30
16	5	19	2	12	28
17	5	19	3	19	28
18	6	19	3	19	28
19	7	18	8	19	26
20	8	17	11	22	25
21	8	16	12	25	12
22	9	16	12	19	25
23	10	18	16	16	20
24	10	20	20	22	16
25	10	18	22	26	16
26	10	17	25	26	16
27	10	16	25	25	16
28	9	16	25	20	16
29	8	14	28	15	16
30	7	13	30	14	18
31	6	—	25	14	—
S.F.	172	422	391	528	753
Mean	6	14	13	17	25
Max.	10	20	30	26	33
Min.	1	1	2	6	12
A.F.	340	840	780	1050	1490

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK
NEAR LISCO--Sec. 34-18-46 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	1
3	0	0	0	0	1
4	0	0	0	0	1
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	1	0
31	0	—	0	1	—
S.F.	0	0	0	2	4
Mean	0	0	0	0	0
Max.	0	0	0	1	1
Min.	0	0	0	0	0
A.F.	0	0	0	0	10

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY
DRAIN NO. 2--Sec. 25-10-23 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	3	4	4	10	7
2	3	4	4	12	7
3	3	3	4	11	7
4	3	3	4	10	6
5	3	3	4	10	6
6	3	3	4	10	6
7	3	3	4	10	6
8	3	3	4	10	6
9	3	3	7	10	5
10	3	3	6	10	5
11	3	3	7	9	5
12	3	3	5	8	4
13	4	3	5	7	4
14	4	3	7	7	4
15	4	3	7	7	4
16	3	3	8	7	4
17	4	4	8	8	4
18	4	4	8	7	3
19	4	4	8	7	4
20	3	4	7	7	4
21	4	4	8	7	4
22	3	4	8	7	4
23	3	4	8	7	4
24	3	4	8	7	4
25	3	4	8	8	4
26	3	4	8	8	4
27	3	4	9	8	4
28	3	3	8	8	4
29	4	4	9	7	4
30	3	4	9	8	4
31	4	—	8	8	—
S.F.	102	105	206	260	141
Mean	3	4	7	8	5
Max.	4	4	9	12	7
Min.	3	3	4	7	3
A.F.	200	210	410	520	280

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER
NEAR NORTHPORT--Sec. 20-20-50 W.
Water Year Ending September 30, 1971

Date	May	June	July	Aug.	Sept.
1	2	42	30	32	37
2	1	51	58	32	32
3	0	32	58	37	32
4	0	32	38	32	42
5	7	38	46	32	42
6	5	44	46	32	37
7	5	39	48	17	37
8	5	50	46	17	37
9	5	55	52	18	42
10	4	63	52	30	70
11	62	36	51	32	64
12	60	51	52	30	58
13	32	47	32	28	43
14	49	34	28	28	64
15	34	38	28	28	58
16	40	33	28	17	58
17	22	33	28	17	58
18	19	30	27	16	65
19	31	26	22	28	62
20	30	34	17	28	62
21	25	54	14	28	71
22	16	33	15	28	68
23	32	21	32	28	47
24	46	42	32	28	32
25	36	42	32	17	29
26	42	20	37	14	24
27	44	41	52	17	21
28	38	25	32	28	38
29	34	27	17	24	24
30	39	32	17	32	16
31	50	—	20	37	—
S.F.	815	1145	1068	824	1400
Mean	26	38	34	27	47
Max.	62	63	58	37	73
Min.	0	20	14	14	16
A.F.	1620	2270	2120	1630	2780

DISCHARGE IN SECOND-FEET OF TIM CREEK
NEAR ELM CREEK--Sec. 33-5-18 N.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	1	2	3	20	5
2	1	2	3	18	2
3	0	0	5	10	0
4	0	0	6	9	0
5	0	2	6	8	8
6	0	2	6	7	7
7	0	2	5	8	7
8	0	1	3	8	5
9	0	0	4	8	0
10	0	0	0	5	3
11	0	0	0	7	8
12	0	7	0	4	3
13	2	7	0	3	2
14	2	6	0	0	4
15	1	5	0	3	4
16	1	5	0	5	4
17	0	6	0	13	2
18	0	7	0	2	0
19	1	7	4	3	0
20	0	7	2	3	2
21	1	7	5	100	4
22	2	6	4	12	4
23	2	6	4	3	4
24	2	5	6	0	3
25	2	5	6	0	3
26	2	6	7	0	6
27	2	7	7	4	5
28	0	6	6	5	5
29	0	7	6	7	5
30	0	3	6	6	5
31	2	-	6	5	-
S.F.	24	126	111	286	110
Mean	1	4	4	9	4
Max.	2	7	7	100	8
Min.	0	0	0	0	0
A.F.	50	250	220	570	220

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, 1972

Date	May	June	July	Aug.	Sept.
1	41	28	25	31	21
2	36	27	24	25	23
3	35	27	24	30	23
4	34	27	25	29	23
5	34	27	24	28	23
6	33	27	24	27	24
7	32	30	23	26	22
8	32	27	23	26	22
9	33	27	22	24	23
10	36	26	22	25	23
11	65	27	22	24	22
12	150	26	20	24	23
13	66	25	13	21	20
14	54	25	20	21	22
15	45	27	21	21	24
16	40	31	20	21	24
17	23	36	21	21	22
18	32	36	21	21	21
19	30	31	24	21	21
20	26	28	20	21	22
21	27	27	22	21	22
22	27	27	22	21	22
23	27	26	22	21	22
24	27	26	22	22	27
25	26	26	22	22	27
26	26	26	35	22	25
27	27	28	27	23	24
28	26	27	156	21	24
29	29	26	46	21	25
30	28	25	37	22	24
31	29	-	32	21	-
S.F.	1157	820	824	720	686
Mean	39	28	28	23	23
Max.	150	26	150	31	25
Min.	26	25	17	21	21
A.F.	2370	1640	1750	1440	1360

DISCHARGE IN SECOND-FEET OF INDIAN CREEK
NEAR NORTHPORT--Sec. 19-20-50 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	6	16	18	51	36
2	5	8	22	44	45
3	4	7	27	37	48
4	4	6	32	36	51
5	4	12	30	34	51
6	4	17	29	37	51
7	4	20	29	40	52
8	21	24	29	42	52
9	27	20	23	44	47
10	26	17	17	39	38
11	25	19	20	25	36
12	26	21	24	20	33
13	27	20	22	15	34
14	26	20	21	19	42
15	25	21	13	24	39
16	25	21	6	28	36
17	25	15	6	22	33
18	24	14	7	30	30
19	24	16	16	27	26
20	20	18	25	29	21
21	17	20	20	21	21
22	24	23	36	34	21
23	31	58	34	36	21
24	10	52	12	35	21
25	29	68	23	38	23
26	26	45	34	37	25
27	21	22	41	36	32
28	20	20	10	36	38
29	17	16	50	35	32
30	20	13	50	31	27
31	21	-	50	27	-
S.F.	612	722	275	1027	1064
Mean	20	24	27	33	35
Max.	31	92	50	51	52
Min.	4	6	6	14	21
A.F.	1220	1430	1680	2040	2110

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, 1972

Date	May	June	July	Aug.	Sept.
1	3	2	3	2	2
2	3	2	3	2	2
3	3	2	3	2	2
4	3	2	3	2	2
5	3	2	3	2	2
6	3	2	3	2	2
7	3	2	3	2	2
8	3	2	3	2	2
9	3	2	3	2	2
10	3	2	3	2	2
11	3	2	3	2	2
12	3	2	3	2	2
13	3	2	3	2	2
14	3	2	3	2	2
15	3	2	3	2	2
16	3	2	3	2	2
17	3	2	3	2	2
18	3	2	3	2	2
19	3	2	3	2	2
20	3	2	3	2	2
21	3	2	2	2	2
22	2	2	2	2	2
23	2	3	2	2	2
24	2	3	2	2	2
25	2	3	2	2	2
26	2	3	2	2	2
27	2	3	2	2	2
28	2	3	2	2	2
29	2	3	2	2	2
30	2	3	2	2	2
31	2	-	2	2	-
S.F.	83	68	82	62	60
Mean	3	2	3	2	2
Max.	3	3	3	2	2
Min.	2	2	2	2	2
A.F.	160	130	160	120	120

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
ABOVE BENNETT RESERVOIR—Sec. 29-15-55 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	8	0	0	1	0
2	8	0	0	1	1
3	8	0	0	1	1
4	8	0	0	1	1
5	7	0	0	0	1
6	7	0	0	0	1
7	7	0	0	0	2
8	7	1	0	0	2
9	7	1	0	0	2
10	6	1	0	0	2
11	6	1	0	0	2
12	6	1	0	0	3
13	6	1	0	0	3
14	6	1	0	0	3
15	6	1	0	0	3
16	5	1	0	0	3
17	5	1	0	0	3
18	5	1	0	0	3
19	4	1	0	0	3
20	4	1	0	0	3
21	4	1	1	0	3
22	3	1	1	0	2
23	3	0	1	0	2
24	3	0	1	0	2
25	2	0	1	0	2
26	2	0	1	0	2
27	2	0	1	0	2
28	1	0	1	0	2
29	1	0	1	0	2
30	0	0	1	0	2
31	0	-	1	0	-
S.F.	147	15	11	4	63
Mean	5	0	0	0	2
Max.	8	1	1	1	3
Min.	0	0	0	0	0
A.F.	290	30	20	10	120

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
BELOW BENNETT RESERVOIR—Sec. 22-15-55 W.
Water Year Ending September 30, 1972

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	2	0
9	0	0	0	2	0
10	0	0	0	2	0
11	0	0	0	2	0
12	0	0	0	2	0
13	0	0	0	2	0
14	0	0	0	2	0
15	0	0	0	1	0
16	0	0	0	1	0
17	0	0	0	1	0
18	0	0	0	1	0
19	0	0	0	1	0
20	0	0	0	1	0
21	0	0	0	1	0
22	0	0	0	1	0
23	0	0	0	1	0
24	0	0	0	1	0
25	0	0	0	1	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
S.F.	0	0	0	32	0
Mean	0	0	0	1	0
Max.	0	0	0	2	0
Min.	0	0	0	0	0
A.F.	0	0	0	60	0

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR
MELBETA—Sec. 13-21-54 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	1	10	14	6	25
2	2	7	14	10	28
3	2	37	12	12	30
4	3	37	10	18	33
5	4	25	10	25	30
6	4	16	11	18	28
7	4	16	12	12	27
8	4	16	12	12	26
9	4	25	10	13	22
10	4	28	9	8	18
11	3	24	8	4	16
12	2	12	8	6	15
13	1	12	6	7	16
14	1	14	5	8	18
15	1	14	8	9	20
16	1	14	9	12	22
17	1	12	8	15	20
18	1	12	7	16	18
19	1	12	15	16	16
20	1	10	23	14	14
21	1	8	14	11	20
22	1	5	9	11	24
23	1	25	12	11	26
24	1	38	17	11	29
25	1	25	20	19	34
26	10	7	22	14	39
27	20	11	23	10	32
28	18	14	14	10	25
29	15	14	10	12	16
30	14	15	8	18	4
31	14	-	7	23	-
S.F.	141	515	367	391	601
Mean	5	17	12	13	23
Max.	20	38	23	25	39
Min.	1	5	5	4	4
A.F.	280	1020	730	780	1370

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER
PASSING TRI-STATE DAM
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	91	901	1560	67	26
2	22	629	1580	77	21
3	19	540	1340	33	18
4	17	610	1100	80	18
5	15	656	922	24	19
6	55	548	689	21	21
7	126	568	546	18	18
8	126	591	446	16	17
9	132	710	250	17	16
10	138	888	110	14	16
11	165	963	48	14	17
12	192	1010	42	14	17
13	192	1100	34	14	17
14	194	1350	30	14	17
15	194	1460	72	14	17
16	92	1550	72	14	17
17	33	1530	71	13	17
18	34	1530	48	13	17
19	33	1470	30	13	15
20	29	1410	29	88	15
21	26	1500	28	58	15
22	22	1600	26	63	14
23	37	1770	26	71	14
24	524	1820	26	80	54
25	1230	1880	80	35	72
26	1360	1820	121	19	74
27	1260	1710	121	19	248
28	1220	1640	110	18	541
29	1220	1620	108	18	545
30	1170	1530	92	17	536
31	1030	-	76	18	-
S.F.	10998	36904	9836	1058	2469
Mean	355	1230	317	34	82
Max.	1360	1880	1580	93	545
Min.	15	540	26	13	14
A.F.	21800	73200	19510	2100	4900
Total 5 months	121510	A.F.			

DISCHARGE IN SECOND-FEET OF PLATTE RIVER PASSING
TRI-COUNTY DIVERSION DAM—Sec. 10-13-29 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	70	107	830	1400	412
2	74	110	908	1350	504
3	70	98	1060	1090	496
4	66	79	1160	869	314
5	64	110	1220	683	172
6	122	107	1190	471	150
7	297	101	1320	446	139
8	472	104	1320	530	116
9	636	88	1420	456	107
10	786	91	1430	377	101
11	1380	88	1330	302	98
12	2510	104	1510	258	98
13	2410	86	1560	223	172
14	2040	104	1660	252	142
15	1470	88	1790	333	98
16	1380	110	1590	339	91
17	1440	188	1820	412	84
18	1360	180	1760	530	79
19	1190	119	1660	636	84
20	668	98	1800	882	91
21	377	107	2090	1320	96
22	192	104	1880	1310	96
23	153	91	1670	1450	96
24	125	88	1560	1360	160
25	93	96	1450	1220	116
26	122	327	2000	1120	107
27	280	764	1900	1070	107
28	297	808	2300	974	110
29	269	775	2050	775	116
30	252	786	1600	657	116
31	188	—	1550	558	—
S.F.	20853	6106	48388	23653	4668
Mean	673	204	1561	763	156
Max.	2510	808	2300	1450	504
Min.	64	79	830	223	79
A.F.	41360	12110	95980	46920	9260
Total acre-feet (5 months)			205630	A.F.	

DISCHARGE IN SECOND-FEET OF SILVERHILL DRAIN
NEAR BRIDGEPORT—Sec. 6-19-45 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	14	6	16	16	22
2	14	5	20	19	24
3	12	4	25	22	25
4	11	4	28	24	26
5	11	4	32	26	27
6	11	6	24	29	31
7	14	8	15	28	35
8	16	19	14	26	34
9	20	17	12	29	33
10	25	16	14	32	30
11	17	15	17	25	28
12	26	14	16	18	23
13	24	12	14	17	18
14	21	16	12	16	20
15	23	19	11	16	21
16	26	23	14	17	22
17	25	27	17	14	22
18	24	28	18	11	18
19	16	29	18	14	15
20	8	30	15	17	14
21	16	32	12	22	14
22	24	18	10	27	16
23	8	31	8	26	17
24	20	27	14	24	19
25	23	23	20	19	21
26	26	26	20	14	22
27	22	23	21	14	23
28	20	27	24	15	22
29	18	26	26	18	20
30	17	21	20	20	20
31	12	—	13	21	—
S.F.	565	561	540	636	682
Mean	18	19	17	20	23
Max.	26	32	32	32	35
Min.	8	4	8	11	14
A.F.	1120	1110	1070	1260	1350

DISCHARGE IN SECOND-FEET OF STREVER CREEK
Sec. 1-8-20 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	8	3	22	16	20
2	8	1	15	39	28
3	7	0	20	33	26
4	6	0	20	38	19
5	4	2	18	24	36
6	5	1	19	25	30
7	4	1	14	23	28
8	4	1	19	22	23
9	4	0	25	21	23
10	4	1	25	20	20
11	6	0	26	18	17
12	7	19	24	23	22
13	8	25	10	21	21
14	9	27	5	22	16
15	?	28	4	9	20
16	4	25	4	8	20
17	3	52	7	0	17
18	2	35	21	6	17
19	3	37	9	6	16
20	2	39	10	11	15
21	?	25	12	9	14
22	3	40	13	10	14
23	3	32	12	11	16
24	3	39	28	9	17
25	4	39	27	16	16
26	4	40	27	18	16
27	4	48	20	25	15
28	?	50	18	26	14
29	3	50	18	17	16
30	3	23	20	24	17
31	?	—	20	25	—
S.F.	141	673	532	575	589
Mean	5	22	17	19	20
Max.	9	50	28	39	36
Min.	2	0	4	0	14
A.F.	280	1330	1060	1140	1170

DISCHARGE IN SECOND-FEET OF WHITE HORSE CREEK
Sec. 5-13-29 W.
Water Year Ending September 30, 1972

Date	May	June	July	Aug.	Sept.
1	35	11	7	14	8
2	44	11	8	14	13
3	27	10	8	14	11
4	23	10	9	13	11
5	23	10	9	12	11
6	21	10	8	13	13
7	19	11	9	11	12
8	19	11	7	11	10
9	21	9	6	13	10
10	26	8	6	13	9
11	66	12	4	14	9
12	207	10	3	16	8
13	243	?	?	17	8
14	305	10	2	15	8
15	90	8	3	14	8
16	54	10	3	14	7
17	34	12	6	11	7
18	24	15	6	11	6
19	23	12	4	11	4
20	20	10	6	11	5
21	20	10	16	11	5
22	16	9	19	11	4
23	15	7	12	9	4
24	15	7	12	7	5
25	16	5	9	7	7
26	13	9	12	7	7
27	13	13	12	7	3
28	13	13	18	8	3
29	3	10	26	9	9
30	14	9	26	10	10
31	12	—	14	10	—
S.F.	1474	305	293	358	245
Mean	48	10	9	12	8
Max.	305	15	26	17	13
Min.	3	7	2	7	4
A.F.	2920	600	580	710	490

DISCHARGE IN SECOND FEET AT THE CONFLUENCE OF NORTH AND
SOUTH PLATTE RIVERS NEAR NORTH PLATTE
Water Year Ending September 30, 1972

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1866	2297	2220	2130	2213	2558	3214	1365	1937	3006	3488	2389
2	1800	2298	2227	2092	2158	2503	3249	1515	1881	3113	3347	2612
3	1731	2229	2246	2039	2205	2722	2930	1468	1872	3398	3229	2564
4	1737	2177	2213	2016	2221	2883	2928	1730	1861	3470	3007	2257
5	1772	2079	2203	2073	2238	2926	2548	2133	1845	3388	2821	2040
6	1843	1995	2150	2116	2203	2928	2180	2538	1788	3316	2619	2156
7	1960	1973	2133	2138	2291	2930	2077	2786	1850	3490	2581	2048
8	1856	1954	2132	2142	2359	2868	1980	2933	1837	3572	2583	1931
9	1840	1873	1662	2165	2301	3065	1965	2991	1760	3638	2503	1697
10	1844	1830	2118	2202	2386	3060	1626	3139	1724	3560	2323	1626
11	1833	1829	2089	2221	2559	3148	1513	3412	1793	3446	2242	1582
12	1788	1784	2083	2207	2721	3105	1467	4023	1801	3649	2176	1627
13	1769	1742	2076	2097	2883	3125	1359	3933	1856	3604	2142	1625
14	1851	1773	2048	1990	2896	3101	1260	3688	1989	3697	2347	1640
15	1954	1728	2018	2095	2891	3090	1302	3.39	2027	3910	2438	1651
16	1999	1840	2035	2177	2926	3075	1291	3500	2096	3754	2499	1638
17	2073	1781	2076	2423	2945	3178	1259	3504	2252	3923	2703	1587
18	2477	1721	2116	2585	2954	3232	1129	3362	2219	3891	2774	1577
19	2427	1758	2075	2482	3001	3171	1072	3242	2082	3791	2945	1514
20	2221	1996	2078	2435	3033	3192	1067	2682	2015	3952	3369	1538
21	2146	1910	2087	2339	3047	3183	1159	2312	1961	4236	3599	1545
22	2141	1917	2197	2292	3018	3112	1152	1952	1973	4063	3495	1631
23	2129	1861	2213	2276	3060	3123	1181	2016	1977	3772	3574	1683
24	2095	1890	2216	2240	3030	3288	1170	1822	1966	3649	3465	1685
25	2108	2074	2212	2222	2886	3298	1151	1808	2132	3520	3335	1694
26	2121	1984	2207	2152	2747	3179	1229	2070	2546	3999	3218	1713
27	2118	2051	2153	2151	2713	3186	1346	2248	2907	3914	3213	1748
28	2116	1920	2135	2173	2640	3141	1364	2242	2952	4370	3044	1902
29	2129	2005	2136	2162	2631	3107	1325	2239	2900	4091	2701	2019
30	2237	2117	2143	2194	---	3118	1300	2225	2868	3603	2770	2111
31	2294	---	2167	2234	---	3143	---	2095	---	3588	2520	---
S.F.	62275	58386	65864	68260	77156	94738	49793	80412	62697	114373	89070	55030
Mean	2009	1946	2125	2202	2661	3056	1660	2594	2090	3689	2873	1834
Max.	2477	2298	2246	2585	3060	3298	3249	4023	2952	4370	3599	2612
Min.	1731	1721	1662	1990	2158	2503	1067	1365	1724	3006	2142	1514
A.F.	123520	115810	130640	135390	153040	187910	98760	159490	124360	226860	176670	109150
Total acre-feet	1741600 A.F.											

DAILY DIVERSION OF CANALS 1971

BEHRENT CANAL
Summary in Acre-Feet--1972

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	4920	5820	6970	6960	5620	30310
Cedar Creek.....	0	0	320	520	70	910
Total diversion.....	4920	5820	7290	7480	5700	31220

Water diverted 31220 A.F.
Acreage reported D-823-14427

BEHRENT CANAL from Cedar Creek--Measured
through rating flume--Sec. 22-18-48 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	0	0	6	8
2	0	0	0	7	6
3	0	0	0	6	6
4	0	0	0	6	6
5	0	0	0	6	6
6	0	0	0	6	6
7	0	0	0	8	7
8	0	0	7	7	0
9	0	0	7	7	0
10	0	0	6	7	0
11	0	0	5	9	0
12	0	0	4	11	0
13	0	0	5	11	0
14	0	0	6	11	0
15	0	0	6	11	0
16	0	0	6	9	0
17	0	0	6	9	0
18	0	0	6	9	0
19	0	0	7	9	0
20	0	0	9	10	0
21	0	0	3	6	0
22	0	0	7	9	0
23	0	0	6	9	0
24	0	0	6	8	0
25	0	0	6	9	0
26	0	0	6	9	0
27	0	0	6	9	0
28	0	0	7	5	0
29	0	0	7	10	0
30	0	0	7	9	0
31	0	0	6	9	0
S.F.	0	0	160	263	24
Mean	0	0	5	8	1
Max.	0	0	9	11	8
Min.	0	0	0	6	0
A.F.	0	0	320	520	70

Water diverted 910 A.F.

BEHRENT-KAY CANAL from Niobrara River
Measured through rating flume--Sec. 1-28-54 W.
1972

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	2	2	0	0
6	0	2	2	0	0
7	0	2	2	0	0
8	0	2	2	0	0
9	0	2	2	0	0
10	0	3	2	0	0
11	0	3	2	0	0
12	0	2	2	0	0
13	0	2	2	0	0
14	0	2	2	0	0
15	0	2	2	0	0
16	0	2	2	0	0
17	0	2	2	0	0
18	0	2	0	0	0
19	0	2	0	0	0
20	0	2	0	0	0
21	0	2	0	0	0
22	0	2	0	0	0
23	0	3	0	0	0
24	0	3	0	0	0
25	0	3	0	0	0
26	0	3	0	0	0
27	0	3	0	0	0
28	0	3	0	0	0
29	0	2	0	0	0
30	0	2	0	0	0
31	1	0	0	0	0
S.F.	1	72	31	0	0
Mean	0	2	1	0	0
Max.	1	3	2	0	0
Min.	0	2	0	0	0
A.F.	0	140	60	0	0

Water diverted 200 A.F.
Acreage reported A-1249-238

COZAD CANAL from Platte River--Measured through Parshall flume--Sec. 13-11-25 W. 1972

Date	May	June	July	Aug.	Sept.
1	0	39	125	213	170
2	0	30	135	201	160
3	0	25	151	187	151
4	0	29	159	170	138
5	0	26	165	152	115
6	0	35	182	141	87
7	0	40	224	132	75
8	0	42	254	135	58
9	0	44	254	126	0
10	0	43	273	115	0
11	0	41	279	110	0
12	0	40	285	99	0
13	0	43	285	93	0
14	0	43	287	115	0
15	0	45	287	135	0
16	27	45	285	140	0
17	37	44	279	128	0
18	36	47	275	137	0
19	35	60	269	159	0
20	36	55	267	162	0
21	35	61	262	187	0
22	35	74	254	204	0
23	35	76	244	220	0
24	29	76	242	227	0
25	31	79	241	226	0
26	39	53	244	224	0
27	40	53	235	220	0
28	42	99	227	222	0
29	42	106	215	218	0
30	40	122	213	202	0
31	40	---	217	190	0
S.F.	583	1698	7314	5190	954
Mean	19	57	276	167	32
Max.	42	122	287	227	170
Min.	0	25	125	93	0
A.F.	1160	3370	14510	10290	1890
Water diverted 31220 A.F.					
Acreage reported D-626-25155					

CRESCENT LAKE OUTLET to Blue Creek Sec. 21-20-44 W. 1972

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

CULBERTSON CANAL from Frenchman River--Measured through 15-foot Parshall flume--Sec. 31-5-23 W. 1972

Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	63	69	64	73	313	318
2	0	62	59	62	72	312	289
3	0	63	56	61	77	301	278
4	0	61	62	60	78	306	244
5	0	60	58	65	35	290	228
6	0	62	56	70	87	280	213
7	0	61	51	63	90	286	200
8	0	60	52	55	98	266	168
9	0	58	53	52	110	300	137
10	0	57	53	51	125	303	115
11	0	58	53	53	131	307	102
12	0	58	52	52	146	298	85
13	0	56	56	52	200	296	76
14	0	59	57	51	226	308	26
15	0	66	66	50	240	283	0
16	0	67	67	55	248	338	0
17	0	62	64	60	263	344	0
18	0	52	70	56	314	343	0
19	0	51	72	62	319	343	0
20	0	52	72	66	338	336	0
21	0	54	71	69	328	330	0
22	0	56	69	76	317	341	0
23	0	55	67	76	339	353	0
24	0	50	65	70	346	361	0
25	0	50	64	68	349	369	0
26	0	57	63	71	344	357	0
27	37	70	66	72	332	351	0
28	56	71	66	73	334	332	0
29	61	75	66	73	323	315	0
30	61	73	64	73	319	309	0
31	62	---	62	---	311	316	0
S.F.	277	1799	1822	1886	6583	9518	2487
Mean	9	60	62	63	225	320	83
Max.	62	73	72	76	349	369	318
Min.	0	50	51	50	73	280	0
A.F.	550	3570	3850	3740	13650	19670	4520
Water diverted 50130 A.F.							
Acreage reported D-24, 25-29 & 30-9364; A-3869AR-1491; A-6214-9813; A-5697-157; A-5902-132; Total-20957							

DAVISON FURF from Missouri River Sec. 12-28-54 W. 1972

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S.F.	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-1662-0					

ENTERPRISE CANAL from Dry Spotted Tail Creek
Measured in channel of stream--Sec. 20-23-56 W.
1972

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

ENTERPRISE CANAL from Morrill Drain
Measured in channel of drain--Sec. 14-23-57 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	1	2	5	3
2	0	2	2	5	3
3	0	2	2	4	3
4	0	2	2	4	3
5	0	2	2	4	3
6	0	2	2	4	3
7	0	2	2	3	3
8	1	2	2	3	2
9	1	2	2	3	2
10	1	2	2	3	2
11	1	2	2	2	2
12	1	1	3	2	2
13	1	1	3	2	2
14	1	1	3	2	2
15	1	1	4	2	2
16	1	1	4	2	2
17	1	1	4	2	2
18	1	1	4	2	2
19	1	1	4	2	3
20	1	1	4	2	3
21	1	1	4	3	4
22	1	1	4	3	4
23	1	1	4	3	5
24	1	1	5	3	5
25	1	1	5	3	6
26	1	1	5	3	5
27	1	1	5	3	5
28	1	1	5	3	4
29	1	1	5	3	4
30	1	1	5	3	3
31	1	-	5	3	-
S.F.	24	40	107	91	104
Mean	1	1	3	3	3
Max.	1	2	5	5	6
Min.	0	1	2	2	2
A.F.	50	80	210	180	210

Water diverted 730 A.F.

ENTERPRISE CANAL from Tub Springs Creek
Difference between stations upstream and downstream
from canal--Sec. 32-23-55 W.
1972

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	-
S.F.	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.

ENTERPRISE CANAL from Winter Creek
Measured at downstream end of 24-inch concrete
pipe--Sec. 17-22-54 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	1	0	0
4	0	0	1	0	0
5	0	0	1	1	0
6	0	0	1	1	0
7	0	0	2	2	0
8	0	0	2	2	0
9	0	0	2	2	0
10	0	0	2	2	0
11	0	0	2	2	0
12	0	0	2	2	0
13	0	0	2	2	0
14	0	0	2	2	0
15	0	0	2	2	0
16	0	0	2	2	0
17	0	0	2	2	0
18	0	0	2	2	0
19	0	0	2	2	0
20	0	0	2	2	0
21	1	0	2	2	0
22	1	0	1	2	0
23	1	0	1	2	0
24	1	0	1	2	0
25	1	0	0	2	0
26	1	0	0	1	0
27	1	0	0	1	0
28	0	0	0	1	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
S.F.	7	0	37	43	0
Mean	0	0	1	1	0
Max.	1	0	2	2	0
Min.	0	0	0	0	0
A.F.	10	0	70	90	0

Water diverted 170 A.F.

ENTERPRISE CANAL from Tub Springs Creek
 Difference between static s upstream and downstream
 from canal--Sec. 32-23-55 W.
 1971

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	-
S.F.	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.

ENTERPRISE CANAL
 Summary in Acre-feet--1972

Diverted from:	Apr.	May	June	July	Aug.	Sept.	Total
North Platte River.....	910	3370	3820	5910	6050	2850	22910
Morrill Drain.....	0	50	80	210	180	210	730
Dry Spotted Tail.....	0	0	0	0	0	0	0
Tub Springs.....	0	0	0	0	0	0	0
Winter Creek.....	0	10	0	70	90	0	170
Total.....	910	3430	3900	6190	6320	3060	23810

Water diverted 23700 A.F.--Natural
 110 A.F.--Storage
 23810 A.F.--Total
 Includes Glendo Storage
 Acreage reported D-920-7532

ENTERPRISE CANAL (Combined flow-North & South) from
 Niobrara River--Measured through rating flumes
 Sec. 27-29-50 W.
 1972

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
S.F.	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-461-290; A-5181-0

EXCELSIOR CANAL from Niobrara River
 Measured through rating flume--Sec. 10-28-52 W.
 1972

Date	May	June	July	Aug.	Sept.
1	0	2	1	0	2
2	0	2	1	0	2
3	0	2	1	0	2
4	0	2	1	0	3
5	0	2	1	0	4
6	0	2	1	0	4
7	0	2	1	0	5
8	0	2	1	0	5
9	0	2	2	0	5
10	0	2	3	0	6
11	0	2	3	0	5
12	0	2	3	0	4
13	0	1	3	0	4
14	0	1	3	0	4
15	0	1	3	0	5
16	0	1	4	0	5
17	3	1	4	0	5
18	3	1	2	0	6
19	3	1	0	0	6
20	3	1	0	0	5
21	3	2	0	1	4
22	3	1	0	2	4
23	3	1	0	3	5
24	3	1	0	3	5
25	3	1	0	3	6
26	2	1	0	2	6
27	3	1	0	2	7
28	4	0	0	2	7
29	4	1	0	2	8
30	4	0	0	1	8
31	2	-	0	1	-
S.F.	46	41	38	22	147
Mean	1	1	1	1	5
Max.	4	2	4	3	8
Min.	0	0	0	0	2
A.F.	90	80	80	40	290

Water diverted 580 A.F.
 Acreage reported D-566-200; I-2264-134;
 Total-334

FARWELL CANAL from Middle Loup River--Measured through 25-foot Parshall Flume--Sec. 35-18-17 W.

Table with columns: Date, Oct., Apr., May, June, July, Aug., Sept. Rows 1-31, S.F., Mean, Max., Min., A.F.

Water diverted 131650 A.F. Acreage reported A-4423-47384; A-5710-1404; A-10260 a & b-Storage; A-10470-259; Total-49047

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

Table with columns: Date, May, June, July, Aug., Sept. Rows 1-31, S.F., Mean, Max., Min., A.F.

Water released 58400 A.F.

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

Table with columns: Date, May, June, July, Aug., Sept. Rows 1-31, S.F., Mean, Max., Min., A.F.

Water released 93000 A.F. Acreage reported A-4423-47384; A-5710-1404; A-10260 a & b(Storage); A-10470-259; Total-49047

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

Table with columns: Date, May, June, July, Aug., Sept. Rows 1-31, S.F., Mean, Max., Min., A.F.

Water released 34600 A.F.

FORT LARAMIE CANAL from North Platte River
Measured through Parshall flume--Sec. 11-26-65 W.

Date	May	June	July	Aug.	Sept.
1	0	1095	1508	1505	1358
2	0	1160	1508	1489	1275
3	0	1163	1511	1468	1252
4	0	1163	1511	1427	1229
5	0	1151	1511	1427	1182
6	0	1084	1508	1430	1129
7	0	1031	1508	1433	1101
8	0	1006	1511	1480	1101
9	0	1006	1511	1505	1073
10	0	998	1511	1508	1051
11	0	955	1508	1511	1051
12	0	955	1511	1514	1053
13	0	958	1514	1514	1053
14	618	958	1514	1514	1053
15	655	958	1514	1514	1056
16	655	958	1514	1514	1056
17	655	958	1517	1514	1056
18	657	958	1517	1514	1062
19	662	960	1517	1514	1109
20	706	958	1514	1514	1112
21	728	958	1514	1517	1104
22	761	958	1517	1514	1056
23	806	958	1520	1511	1056
24	853	1023	1520	1477	1056
25	910	1154	1520	1471	871
26	910	1255	1520	1452	565
27	939	1349	1508	1455	174
28	709	1443	1505	1446	0
29	733	1511	1505	1403	0
30	1009	1508	1505	1403	0
31	1017	-----	1505	1403	-
S.F.	13983	32550	46877	45861	28294
Mean	451	1085	1512	1479	943
Max.	1017	1511	1520	1517	1358
Min.	0	955	1505	1403	0
A.F.	27730	64560	92980	90960	56120
Water diverted	332350 A.F.				
Acreege reported	A-768-Nebr-54846; A-768 Wyo-50210; Total-105056				

FRANKLIN CANAL from Republican River
Measured through orifice--Sec. 11-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	72	122	196	51
2	0	37	128	165	0
3	0	0	142	131	0
4	0	0	167	54	0
5	0	0	183	0	0
6	0	0	204	0	0
7	0	0	235	0	0
8	0	0	259	64	0
9	0	0	262	101	0
10	0	0	260	101	0
11	0	0	249	132	0
12	0	0	239	190	0
13	0	0	232	196	0
14	0	0	237	221	0
15	71	0	257	262	0
16	92	0	263	276	0
17	79	0	263	271	0
18	79	0	262	267	0
19	79	0	262	265	0
20	76	0	263	263	0
21	72	0	262	263	0
22	72	0	262	265	0
23	72	40	262	266	0
24	72	73	259	220	0
25	72	73	261	145	0
26	72	73	265	116	0
27	72	73	263	116	0
28	72	73	256	110	0
29	72	83	240	100	0
30	72	103	236	93	0
31	72	---	226	93	-
S.F.	1268	700	7281	4942	51
Mean	41	23	235	159	2
Max.	92	103	122	276	51
Min.	0	0	265	0	0
A.F.	2520	1390	14440	9800	100
Water diverted	28250 A.F.				
Acreege reported	A-2691a-4429; A-2691bR-4010; A-4216-1946; A-6221-152; A-8259-145; A-9623-53; A-9724-18; A-10964-342; Total-11095				

FRANKLIN FUME CANAL from Republican River
Measured through 4-foot Parshall flume
Sec. 5-1-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	25	0
2	0	0	0	18	0
3	0	0	0	5	0
4	0	0	0	0	0
5	0	0	8	0	0
6	0	0	15	0	0
7	0	0	21	0	0
8	0	0	23	0	0
9	0	0	26	0	0
10	0	0	32	0	0
11	0	0	39	4	0
12	0	0	43	12	0
13	0	0	41	12	0
14	0	0	41	18	0
15	0	0	40	24	0
16	0	0	39	33	0
17	0	0	42	40	0
18	0	0	43	40	0
19	0	0	44	40	0
20	0	0	42	40	0
21	0	0	42	42	0
22	0	0	43	41	0
23	0	0	43	36	0
24	0	0	40	23	0
25	0	0	41	6	0
26	0	0	42	0	0
27	0	0	40	0	0
28	0	0	36	0	0
29	0	0	34	0	0
30	0	0	34	0	0
31	0	-	33	0	-
S.F.	0	0	967	459	0
Mean	0	0	31	15	0
Max.	0	0	44	42	0
Min.	0	0	0	0	0
A.F.	0	0	1920	910	0
Water diverted	2830 A.F.				
Acreege reported	A-4227-1947; A-6222-187; A-10962-8; Total-2142				

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	0	0
S.F.	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.				
Acreege reported	D-462-105				

GERING CANAL from North Platte River—Measured through rating flume—Sec. 10-23-60 W., Wyo.

1972

Date	May	June	July	Aug.	Sept.
1	0	109	149	211	212
2	0	106	156	219	203
3	0	105	147	221	201
4	0	106	149	209	198
5	0	106	154	203	199
6	0	109	176	199	199
7	0	104	192	201	179
8	0	103	190	198	147
9	0	114	196	188	149
10	0	116	203	193	149
11	0	113	204	195	155
12	0	113	196	203	156
13	0	107	192	215	147
14	0	95	195	211	147
15	0	92	205	209	154
16	0	91	205	207	160
17	10	90	212	201	161
18	33	95	207	212	168
19	80	99	203	218	155
20	97	99	203	226	160
21	100	101	201	226	156
22	98	101	218	226	158
23	113	91	225	221	158
24	106	91	250	235	158
25	103	90	229	211	160
26	99	103	225	215	163
27	92	100	219	218	176
28	109	107	219	214	140
29	112	120	219	209	67
30	114	144	215	209	127
31	113	—	211	204	—
S.F.	1379	3120	6165	6527	4862
Mean	44	104	199	211	162
Max.	114	144	250	235	212
Min.	0	90	147	188	67
A.F.	2740	6190	12230	12950	9640

Water diverted 43750 A.F.
Acreage reported A-365R-14244.

GOTHENBURG IRRIGATION CANAL from Platte River Measured through Parshall flume—Sec. 28-12-26 W.

1972

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	24	85	265	267
2	0	0	48	93	260	249
3	0	0	29	123	220	220
4	0	0	82	110	221	197
5	0	0	85	146	229	141
6	7	0	77	149	209	108
7	15	0	69	191	213	112
8	39	0	110	195	218	112
9	63	0	61	196	235	108
10	0	0	61	221	199	97
11	0	0	53	259	188	54
12	0	0	75	267	187	115
13	0	0	80	293	203	89
14	21	0	85	298	222	115
15	30	15	95	298	204	118
16	0	36	68	298	201	64
17	0	54	81	303	210	84
18	0	80	81	301	213	76
19	0	69	74	300	232	77
20	0	68	84	300	222	50
21	0	32	69	294	247	65
22	0	30	76	286	259	63
23	0	43	72	297	269	64
24	0	80	72	292	264	74
25	0	65	80	298	268	66
26	0	52	85	304	265	0
27	0	91	78	296	271	10
28	0	39	91	301	267	4
29	0	48	81	296	271	13
30	0	64	81	291	273	10
31	0	47	—	298	272	—
S.F.	179	913	2207	7679	7277	2822
Mean	6	29	74	248	235	94
Max.	63	80	110	304	273	267
Min.	0	0	24	85	187	0
A.F.	360	1810	4380	15230	14430	5600

Water diverted 41810 A.F.
Acreage reported D-645a-860; D-645b-17000; A-3716-4585; A-11798-623; Total-25068

GOTHENBURG CANAL from Platte River for Power and Irrigation Measured through Parshall flume—Sec. 28-12-26 W.

1972

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	188	163	126	222	141	102	162	122	177	273	328	352
2	180	162	76	164	147	78	155	53	123	281	311	356
3	178	159	168	135	165	103	160	85	112	318	267	354
4	54	85	168	113	171	157	162	162	109	305	259	350
5	0	119	162	195	175	154	155	159	109	330	267	309
6	7	163	163	162	174	138	165	162	155	328	262	289
7	15	160	162	162	185	137	159	160	105	350	250	291
8	39	160	115	181	184	131	157	172	147	354	241	291
9	116	159	102	174	184	131	162	157	256	354	313	289
10	138	157	126	163	181	143	160	163	256	356	350	273
11	134	157	134	163	181	160	159	165	250	354	332	120
12	137	157	134	173	184	152	155	159	269	354	307	128
13	144	157	125	173	181	120	87	155	275	360	318	100
14	143	155	109	163	173	120	63	170	281	365	350	126
15	144	154	90	174	164	115	119	199	246	365	356	183
16	167	162	98	175	166	125	119	217	269	365	352	197
17	173	182	87	168	160	172	119	231	277	371	354	190
18	177	162	102	171	162	170	152	246	277	373	352	183
19	162	162	103	168	163	162	167	250	267	371	350	183
20	155	162	98	170	170	162	165	252	277	371	354	125
21	159	162	90	167	164	162	163	211	262	369	354	97
22	163	162	89	166	179	160	149	157	263	354	354	102
23	159	159	90	167	167	162	143	84	262	339	358	103
24	160	159	90	160	157	160	138	93	262	358	354	112
25	159	151	69	155	157	160	138	140	265	352	352	144
26	162	163	92	169	147	159	162	147	275	358	352	132
27	163	163	130	171	155	159	163	206	273	350	354	71
28	160	168	184	168	129	160	159	149	281	354	352	71
29	157	162	159	168	113	162	160	244	269	350	352	80
30	170	163	182	166	—	162	163	248	269	345	354	78
31	165	—	202	164	—	160	—	241	—	347	352	—
S.F.	4228	4709	3825	5189	4779	4498	4440	5359	6918	10774	10161	5679
Mean	136	157	123	167	165	145	148	173	231	348	328	189
Max.	188	182	202	222	185	172	167	252	281	373	358	356
Min.	0	85	69	113	113	78	63	53	105	273	241	71
A.F.	8390	9340	7590	10290	9480	8520	8810	10630	13720	21370	20150	11260

Water diverted 139950 A.F.

GOTHENBURG POWER RETURN to Platte River
Measured through section of canal--Sec. 9-11-25 W.
1972

Table with columns: Date, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept. Rows include daily measurements from 1 to 31, S.F., Mean, Max., Min., and A.F. Water returned 88060 A.F.

GRAF CANAL from Blue Creek--Measured through Parshall flume--Sec. 19-16-42 W. 1972

Table with columns: Date, Oct., May, June, July, Aug., Sept. Rows include daily measurements from 1 to 31, S.F., Mean, Max., Min., and A.F. Water diverted 1970 A.F.

HAIGLER CANAL from Republican River Measured through 5-foot Parshall flume--Sec. 2-1-43 W. 1972

Table with columns: Date, Oct., Apr., May, June, July, Aug., Sept. Rows include daily measurements from 1 to 31, S.F., Mean, Max., Min., and A.F. Water diverted 11930 A.F.

Water diverted 1970 A.F.
Acreage reported D-788-982; D-781R-14; D-763R-85; Total-1081

Water diverted 11930 A.F.

GEO HITSHEW CANAL from Niobrara River
Measured through rating flume--Sec. 6-28-52 W.

Date	May	June	July	Aug.	Sept.
1	0	3	3	0	2
2	0	3	3	0	2
3	0	3	3	0	2
4	0	4	3	0	3
5	0	4	2	0	3
6	0	3	3	0	3
7	0	3	2	0	2
8	0	4	0	1	2
9	0	1	0	1	2
10	0	1	0	1	2
11	0	0	0	1	3
12	0	2	0	2	2
13	0	2	0	2	2
14	0	2	0	2	2
15	0	3	0	3	2
16	0	3	0	3	2
17	0	2	0	3	1
18	0	2	0	2	0
19	0	2	0	3	0
20	0	3	0	3	0
21	0	3	0	3	0
22	0	3	0	4	0
23	0	3	0	3	0
24	0	4	0	1	0
25	0	4	0	1	0
26	0	4	0	1	0
27	0	4	0	1	0
28	0	4	0	1	0
29	0	4	0	1	0
30	2	2	0	2	0
31	4	-	0	1	-
S.F.	6	85	19	46	37
Mean	0	3	1	1	1
Max.	4	4	3	4	3
Min.	0	0	0	0	0
A.F.	10	170	40	90	70

Water diverted 380 A.F.
Acreage reported A-1260-103

HARRIS-NEECE CANAL from Niobrara River
Measured through rating flume--Sec. 3-28-55 W.

Date	May	June	July	Aug.	Sept.
1	0	9	6	6	14
2	0	10	7	2	15
3	0	11	8	7	14
4	0	11	8	15	14
5	0	13	7	15	14
6	0	13	7	15	14
7	0	12	7	15	13
8	0	9	9	14	13
9	0	8	9	15	13
10	11	10	9	15	13
11	11	9	9	14	10
12	11	8	9	2	10
13	11	8	9	6	10
14	11	8	9	7	10
15	11	7	9	4	10
16	11	8	10	2	10
17	12	8	10	6	10
18	12	8	12	0	10
19	11	7	12	0	10
20	11	1	12	0	10
21	12	0	12	0	10
22	12	0	11	1	10
23	10	0	10	1	10
24	9	0	9	1	10
25	9	0	6	1	3
26	9	0	1	1	0
27	11	2	1	1	0
28	10	6	5	1	0
29	9	6	2	1	1
30	9	6	11	1	0
31	9	-	12	8	-
S.F.	232	198	258	171	281
Mean	7	7	8	6	9
Max.	12	13	12	15	15
Min.	0	0	1	0	0
A.F.	460	390	510	340	560

Water diverted 2260 A.F.
Acreage reported D-517-600; A-2275-509;
Total=1109

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	1	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	1
21	1	0	0	0	1
22	1	0	0	0	1
23	1	0	0	0	1
24	1	0	0	0	1
25	1	0	0	0	1
26	1	0	0	0	1
27	1	0	0	0	1
28	0	0	0	0	1
29	0	0	0	0	1
30	0	0	0	0	1
31	0	-	0	0	-
S.F.	18	0	0	0	11
Mean	1	0	0	0	0
Max.	1	0	0	0	1
Min.	0	0	0	0	0
A.F.	40	0	0	0	20

Water pumped 60 A.F.
Acreage reported A-4862-42

HOPFMAN 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	-
S.F.	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 A-5772-0

HOMRIGHAUSEN PUMP from Niobrara River
Sec. 9-28-52 W.
1972

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	-
S.F.	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.				
Acres reported	D-4869-175				

HOOPER CANAL from Blue Creek—Measured
through 3-foot Farshall flume—Sec. 6-16-42 W.
1972

Date	Oct.	Nov	June	July	Aug.	Sept.
1	11	0	0	9	13	13
2	12	0	7	9	13	12
3	15	0	11	10	13	13
4	10	0	8	10	11	14
5	8	0	5	7	11	15
6	8	0	9	10	10	14
7	9	0	7	11	11	14
8	10	0	13	10	11	13
9	10	0	15	9	12	13
10	10	0	13	13	12	13
11	10	0	14	11	13	12
12	7	0	13	13	12	13
13	0	0	12	12	13	13
14	0	0	11	13	13	13
15	0	0	11	14	12	13
16	0	0	11	13	11	12
17	0	0	12	14	13	11
18	0	0	11	14	12	13
19	0	0	11	13	13	12
20	0	0	11	14	12	12
21	0	0	13	13	12	12
22	0	0	13	11	13	10
23	0	0	13	11	13	10
24	0	0	14	12	13	13
25	0	0	11	13	13	13
26	0	0	10	13	13	13
27	0	6	0	12	13	12
28	0	12	0	13	11	11
29	0	13	7	12	13	12
30	0	7	9	12	14	13
31	0	5	-	14	12	-
S.F.	120	43	287	362	382	377
Mean	4	1	10	12	12	13
Max.	15	13	14	14	14	15
Min.	0	0	0	7	10	10
A.F.	240	90	570	720	760	750
Water diverted	3130 A.F.					
Acres reported	D-781-858; D-788R-19; Total-877					

HOOVER PUMP from Niobrara River
Sec. 21-31-57 W.
1972

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	1	0	0
6	0	0	1	0	0
7	0	0	1	0	0
8	0	0	1	0	0
9	0	0	1	0	0
10	0	0	1	0	0
11	0	0	1	0	0
12	0	0	0	0	0
13	0	0	1	0	0
14	0	0	1	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
S.F.	0	0	9	0	0
Mean	0	0	0	0	0
Min.	0	0	1	0	0
Max.	0	0	0	0	0
A.F.	0	0	20	0	0
Water pumped	20 A.F.				
Acres reported	D-510R-84				

HUGHES CANAL from Niobrara River
Measured through rating flume—Sec. 1-28-52 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	1	1	0	0
2	0	1	1	0	0
3	0	1	1	0	0
4	0	0	1	0	1
5	0	0	0	0	1
6	0	0	0	0	2
7	0	0	0	0	2
8	0	0	0	0	2
9	0	0	0	0	2
10	0	0	0	0	2
11	0	0	0	0	2
12	0	0	1	0	2
13	0	0	1	0	2
14	0	0	0	0	2
15	0	0	0	0	2
16	0	0	0	0	2
17	0	0	0	0	2
18	0	0	0	0	2
19	0	0	0	0	2
20	0	0	0	0	1
21	0	0	0	0	1
22	0	0	0	0	1
23	0	0	0	0	1
24	0	0	0	0	1
25	0	0	0	0	1
26	0	0	0	0	0
27	1	0	0	0	0
28	1	0	0	0	0
29	1	0	0	0	0
30	1	0	0	0	0
31	1	-	0	0	-
S.F.	5	3	6	0	36
Mean	0	0	0	0	1
Max.	1	1	1	0	2
Min.	0	0	0	0	0
A.F.	10	10	10	0	70
Water diverted	100 A.F.				
Acres reported	D-987a-40; D-987b-20; Total-60				

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 SPILLWAY CANAL NO. 3 returned to Middle Loup River
 Sec. 5-14-14 W.
 1972

Date	May	June	July	Aug.	Sept.
1	0	3	2	12	10
2	0	4	9	13	16
3	0	5	12	13	18
4	0	4	10	9	16
5	0	2	7	6	12
6	0	1	4	7	16
7	0	2	4	8	12
8	0	5	5	3	13
9	0	4	9	3	17
10	0	6	6	13	16
11	0	10	4	7	16
12	0	13	3	0	12
13	0	10	2	5	12
14	0	10	4	3	6
15	0	8	1	0	10
16	0	9	1	0	8
17	0	12	6	0	7
18	0	13	13	0	9
19	0	14	17	0	3
20	0	16	19	2	0
21	0	15	22	4	0
22	0	13	19	4	0
23	0	14	16	4	0
24	0	11	15	5	0
25	0	6	10	6	0
26	0	8	11	7	0
27	0	6	13	11	0
28	0	1	12	12	0
29	0	2	12	11	0
30	0	0	12	7	0
31	0	-	10	8	-
S.F.	0	263	290	183	229
Mean	0	9	9	6	8
Max.	0	16	22	13	18
Min.	0	0	1	0	0
A.F.	0	520	580	360	450

Water returned 1910 A.F.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 SPILLWAY CANAL NO. 3 returned to Middle Loup River
 Sec. 10-14-14 W.
 1972

Date	May	June	July	Aug.	Sept.
1	0	3	1	15	10
2	0	2	0	13	15
3	0	2	0	15	15
4	0	2	4	11	12
5	0	2	3	9	10
6	0	2	3	10	15
7	0	1	0	8	7
8	0	2	2	7	3
9	0	1	4	5	7
10	0	2	7	11	11
11	0	7	15	3	14
12	0	8	14	0	15
13	0	5	11	18	13
14	0	8	6	17	12
15	0	8	4	1	11
16	0	9	9	2	11
17	0	11	20	0	9
18	0	11	18	0	7
19	0	10	21	2	4
20	0	6	14	1	8
21	0	4	22	2	10
22	0	4	19	1	10
23	0	5	17	4	11
24	11	6	17	6	16
25	5	12	15	8	14
26	2	12	18	5	13
27	2	11	14	3	13
28	2	8	13	4	11
29	2	8	19	2	3
30	5	5	14	0	0
31	3	-	14	3	-
S.F.	32	177	338	186	310
Mean	1	6	11	6	10
Max.	11	12	22	18	15
Min.	0	1	0	0	0
A.F.	60	350	670	370	610

Water returned 2060 A.F.

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
 Summary in Acre-feet--1972

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	420	1450	2620	2400	1030	7920
Canal No. 2.....	80	1470	2580	2370	850	7350
Canal No. 3.....	170	2840	4910	4440	1170	13530
Canal No. 4.....	740	2420	4940	4700	1930	14730
Total diversion.....	1410	8180	15050	13910	4980	43530
Returned through spillways:						
Canal No. 1.....	70	470	350	360	340	1590
Canal No. 2.....	0	300	340	350	420	1410
Canal No. 3.....	0	520	580	360	450	1910
Canal No. 4.....	60	350	670	370	610	2060
Total returned.....	130	1640	1940	1440	1820	6970
Net diversion.....	1280	6540	13110	12470	3160	36560

MONTAGUE CANAL from Niobrara River--Measured
through rating flume--Sec. 27-29-48 W.
19 2

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

Water diverted 70 A.F.
Acreage reported A-575-32; A-607A-21;
A-2754-20; A-3923-0; A-8540-34; A-10716-36; Total-143

MONTAGUE PUEBLO from Niobrara River
Sec. 28-29-48 W.
19 2

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

Water pumped 140 A.F.
Acreage reported A-2266-22; A-10716-36;
Total-118

MONTAGUE CANAL from Niobrara River--Measured
through rating flume--Sec. 9-28-53 W.
19 2

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	3	2	3	3
2	6	0	4	3	3	3
3	6	0	4	3	4	3
4	6	0	4	3	4	4
5	6	0	4	2	4	4
6	5	0	4	2	3	3
7	5	0	4	2	3	3
8	5	0	3	2	3	3
9	5	0	3	2	3	3
10	5	0	4	2	2	3
11	4	0	4	2	2	3
12	2	0	3	1	2	3
13	0	0	3	1	2	4
14	0	0	3	1	3	3
15	0	0	3	1	3	3
16	0	0	3	1	3	3
17	0	0	3	2	3	3
18	0	0	3	2	3	3
19	0	0	3	2	3	3
20	0	0	3	3	4	3
21	0	0	3	3	4	3
22	0	0	2	3	4	3
23	0	0	3	3	4	3
24	0	1	3	2	4	3
25	0	3	3	3	3	3
26	0	3	3	3	3	3
27	0	3	3	3	3	3
28	0	3	3	3	3	3
29	0	4	3	3	3	3
30	0	4	2	3	3	3
31	0	4	-	3	3	-
S.F.	61	25	95	71	97	94
Mean	2	1	3	2	3	3
Max.	6	4	4	3	4	4
Min.	0	0	2	1	2	2
A.F.	120	50	150	140	190	190

Water diverted 880 A.F.
Acreage reported A-88-100

MONTAGUE CANAL from Republican River--Measured
through Sparling Meter--Sec. 14-1-17 W.
19 2

Date	May	June	July	Aug.	Sept.
1	0	0	0	29	0
2	0	0	0	29	0
3	0	0	12	18	0
4	0	0	18	4	0
5	0	0	18	0	0
6	0	0	19	0	0
7	0	0	22	0	0
8	0	0	24	0	0
9	0	0	24	0	0
10	0	0	22	8	0
11	0	0	27	19	0
12	0	0	27	19	0
13	0	0	27	19	0
14	0	0	26	29	0
15	0	0	26	37	0
16	0	0	26	37	0
17	0	0	26	27	0
18	0	0	26	27	0
19	0	0	26	26	0
20	0	0	26	26	0
21	0	0	26	26	0
22	0	0	26	26	0
23	0	0	26	34	0
24	0	0	26	16	0
25	0	0	26	0	0
26	0	0	26	0	0
27	0	0	26	0	0
28	0	0	26	0	0
29	0	0	32	0	0
30	0	0	29	0	0
31	0	-	29	0	-
S.F.	0	0	510	516	0
Mean	0	0	29	17	0
Max.	0	0	37	37	0
Min.	0	0	0	0	0
A.F.	0	0	1300	1020	0

Water diverted 2820 A.F.
Acreage reported A-4217-1344; A-6220-79;
A-9463-86; A-9722-11; A-10965-234;
Total-1754

NINE MILE CANAL from North Flatte River
Measured through rating flume—Sec. 17-21-53 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	36	0	51	62	49	20	64
2	31	0	47	54	54	45	49
3	27	0	36	43	57	55	46
4	22	0	16	70	44	60	52
5	19	0	9	66	40	62	45
6	22	0	7	62	48	60	47
7	32	0	4	62	60	56	47
8	30	0	2	62	63	60	44
9	30	0	16	62	58	58	46
10	31	0	19	65	47	52	48
11	33	12	18	59	54	48	51
12	38	29	26	62	58	46	50
13	38	26	27	66	40	48	50
14	26	28	38	65	38	45	48
15	35	35	36	67	43	38	43
16	32	48	35	66	40	42	40
17	14	46	41	65	38	40	46
18	0	44	50	64	38	39	52
19	0	45	57	63	36	42	44
20	0	46	53	62	44	45	37
21	0	43	49	62	53	55	32
22	0	40	49	64	59	54	32
23	0	38	44	65	60	52	34
24	0	35	42	68	62	60	41
25	0	34	58	67	17	67	45
26	0	34	69	64	0	67	55
27	0	34	68	61	17	67	55
28	0	34	65	57	34	67	52
29	0	34	65	62	30	67	40
30	0	52	64	56	29	67	34
31	0	--	--	62	--	68	--
S.F.	506	824	1233	1873	1335	1656	1379
Mean	16	27	40	62	43	53	46
Max.	38	54	69	70	63	68	64
Min.	0	0	2	43	0	20	32
A.F.	1000	1630	2450	3720	2650	3280	2740

Water diverted 17470 A.F.
Acreage reported D-925 (A-1431 O.D.)-5758; P-262 O.D.
(From Red Willow Creek)-71; Total-5869

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

1972

Date	Oct.	May	June	July	Aug.	Sept.
1	5	60	44	73	63	172
2	0	76	46	88	78	154
3	0	60	48	97	78	122
4	0	34	49	102	77	104
5	0	21	50	118	78	98
6	0	31	51	125	79	81
7	0	30	53	158	84	72
8	0	28	50	190	101	64
9	0	31	60	198	112	60
10	0	33	63	201	125	57
11	0	33	64	207	134	57
12	0	34	64	207	151	53
13	0	26	73	211	160	52
14	0	31	81	209	192	46
15	0	31	91	206	205	44
16	0	33	93	208	209	43
17	0	35	94	213	213	42
18	0	44	86	216	213	42
19	0	50	85	216	212	42
20	0	43	74	175	215	43
21	0	52	75	14	209	42
22	0	52	71	59	204	40
23	0	50	71	121	206	40
24	0	46	61	125	201	42
25	0	48	55	93	199	42
26	0	47	53	89	197	42
27	0	43	55	91	193	42
28	0	44	54	94	194	35
29	0	44	57	102	193	36
30	0	44	60	94	191	37
31	0	44	--	87	178	--
S.F.	5	1283	1931	4397	4944	1846
Mean	0	41	64	142	159	62
Max.	5	76	94	216	215	172
Min.	0	21	44	14	63	36
A.F.	10	2540	3830	8720	9810	3660

Water diverted 28570 A.F.
Acreage reported A-2155-86; A-2312-12524; A-2417-183;
A-2455-0; A-3215a-836; A-3892-37; A-3980a-1244; A-4400-
29; A-6430-54; A-3763-54; A-7854-20; A-7600-0; A-7986-0;
A-10199-0; A-8544R-36; A-10371-Resort; A-11379-8; A-11648-
15; A-11966-21; A-1211-12160

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

1972

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	38	70	36	82
2	0	0	38	73	51	84
3	0	0	37	71	53	65
4	0	56	36	55	52	54
5	0	41	34	68	51	51
6	0	27	16	77	50	13
7	0	26	35	104	56	16
8	0	26	41	106	73	28
9	0	26	42	108	85	25
10	0	26	44	124	94	20
11	0	27	49	122	90	19
12	0	28	49	123	98	16
13	0	26	49	121	116	13
14	0	25	52	119	117	0
15	0	25	54	124	125	0
16	0	28	60	120	114	0
17	0	35	65	124	119	0
18	0	36	64	125	124	0
19	0	42	48	125	126	0
20	0	40	43	119	124	0
21	0	36	46	49	126	0
22	0	43	44	0	119	0
23	0	24	41	19	119	0
24	0	0	39	75	104	0
25	0	0	39	86	108	0
26	0	0	38	82	108	0
27	0	0	43	82	108	0
28	0	0	49	80	99	0
29	0	24	55	71	91	0
30	0	41	58	68	100	0
31	0	39	--	58	98	--
S.F.	4	747	1351	2748	2934	486
Mean	0	24	45	89	95	16
Max.	4	56	65	125	126	84
Min.	0	0	16	0	6	0
A.F.	10	1480	2680	5450	5820	960

Water diverted 16400 A.F.
Acreage reported A-2312-5646; A-3215b-1121; A-3772-59;
A-3828-39; A-3831-0; A-3980b-1236; A-5133-50; A-6578-38;
A-6943-16; A-9809-20; A-10443-37; A-11907-70; A-11856-40;
A-12017-16; Total-8438

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

Date	May	June	July	Aug.	Sept.
1	0	22	46	21	62
2	0	22	62	21	57
3	0	22	66	21	50
4	0	22	45	20	45
5	0	22	80	20	35
6	0	29	89	19	27
7	0	28	98	18	26
8	28	32	103	27	26
9	28	32	104	34	25
10	25	33	110	40	22
11	23	33	110	45	22
12	20	35	110	58	20
13	12	37	111	67	20
14	15	39	111	82	15
15	23	37	111	96	0
16	22	37	111	106	0
17	22	39	113	112	0
18	21	36	109	113	0
19	21	29	109	114	0
20	22	30	103	112	0
21	22	30	36	110	0
22	22	32	0	109	0
23	2	31	14	108	0
24	0	31	40	105	0
25	0	31	37	104	0
26	0	31	26	98	0
27	0	32	26	87	0
28	0	34	26	68	0
29	0	36	24	66	0
30	20	43	23	67	0
31	21	—	22	62	—
S.F.	369	947	2175	2130	452
Mean	12	32	70	69	15
Max.	28	43	113	114	62
Min.	0	22	0	18	0
A.F.	730	1880	4310	4220	900

Water diverted 12040 A.F.
 Acreage reported A-2312-5646; A-3215c-325;
 A-3672-67; A-3980c-561; A-4231-26; A-10209-87;
 A-10583-46; A-10842-12; Total-6770

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	1	0	4	3	5	4
2	1	0	4	3	5	4
3	0	2	4	4	6	5
4	0	5	4	4	7	5
5	0	0	4	4	9	6
6	0	0	4	3	9	6
7	0	3	4	2	9	6
8	0	4	4	2	8	6
9	0	4	4	2	8	6
10	0	4	4	2	7	5
11	0	4	4	2	5	6
12	0	4	4	1	6	6
13	0	4	4	0	4	6
14	0	4	4	0	4	6
15	0	4	5	0	2	6
16	0	3	5	0	1	5
17	0	2	5	0	0	5
18	0	1	5	0	0	5
19	0	2	5	0	0	5
20	0	4	5	1	0	4
21	0	4	5	1	0	5
22	0	4	5	0	0	5
23	0	4	5	0	0	5
24	0	4	5	3	2	5
25	0	4	5	4	4	5
26	0	4	5	4	4	5
27	0	4	5	4	4	6
28	0	4	5	4	4	6
29	0	4	5	4	4	6
30	0	4	3	3	4	6
31	0	4	—	4	4	—
S.F.	2	98	134	64	125	161
Mean	0	3	4	2	4	5
Max.	1	5	5	4	9	6
Min.	0	0	3	0	0	4
A.F.	0	190	270	130	250	320

Water returned 1160 A.F.

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.

Date	May	June	July	Aug.	Sept.
1	0	4	6	13	9
2	0	2	9	4	21
3	9	2	10	12	24
4	2	4	7	13	21
5	0	5	3	12	18
6	0	5	3	14	19
7	7	5	2	12	20
8	4	7	4	13	16
9	1	8	4	9	11
10	2	5	7	2	3
11	4	11	2	4	9
12	8	13	0	5	8
13	8	12	0	2	10
14	2	14	0	3	7
15	2	13	1	0	6
16	0	16	0	0	1
17	0	15	2	0	2
18	0	16	2	1	1
19	1	17	3	0	2
20	4	20	7	1	0
21	5	20	4	5	4
22	4	20	0	6	4
23	4	21	4	2	3
24	4	22	17	0	4
25	2	18	11	1	7
26	2	12	7	2	10
27	2	13	10	5	10
28	2	13	10	6	12
29	3	12	13	5	6
30	4	8	16	6	3
31	4	—	14	8	—
S.F.	70	353	178	166	271
Mean	3	12	6	5	9
Max.	9	22	17	14	24
Min.	0	2	0	0	0
A.F.	180	700	350	330	540

Water returned 2100 A.F.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 BURWELL-SUMNER 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	7	0	7	5	8	11
2	3	0	7	7	3	9
3	0	0	6	8	8	9
4	0	0	6	8	8	8
5	0	2	6	5	8	6
6	0	7	7	4	6	9
7	0	4	1	2	5	9
8	0	4	6	3	4	6
9	0	4	8	3	3	11
10	0	4	7	3	4	8
11	0	3	9	2	6	7
12	0	3	10	2	5	7
13	0	2	9	0	4	7
14	0	1	8	0	4	3
15	0	1	8	0	3	0
16	0	0	8	0	3	0
17	0	0	9	0	3	0
18	0	2	11	0	4	0
19	0	3	10	1	4	0
20	0	4	9	3	4	0
21	0	4	8	4	5	0
22	0	5	8	0	6	0
23	0	7	8	0	6	0
24	0	7	6	1	6	0
25	0	1	6	3	6	0
26	0	0	5	5	6	0
27	0	0	3	6	6	0
28	0	0	4	6	7	0
29	0	0	5	9	7	0
30	0	0	4	11	5	0
31	0	5	—	10	8	—
S.F.	10	73	209	111	165	110
Mean	0	1	7	4	5	4
Max.	7	7	11	11	8	11
Min.	0	0	1	0	3	0
A.F.	20	140	410	220	330	220

Water returned 1340 A.F.

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 ORD-NORTH LOUP SPILLWAY AT 16.69 returned to North Loup River
 Measured over 3-foot weir--Sec. 8-18-12 U.
 1972

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	7	1	11	7
2	0	0	6	2	10	11
3	0	0	5	6	10	12
4	0	0	4	5	9	15
5	0	0	3	1	6	12
6	0	0	4	2	6	12
7	0	0	5	0	8	10
8	0	0	5	0	10	10
9	0	5	6	0	7	10
10	0	9	6	0	6	5
11	0	10	7	3	6	10
12	0	10	8	2	3	5
13	0	4	8	2	6	10
14	0	2	9	2	1	10
15	0	4	9	2	2	5
16	0	6	10	2	2	1
17	0	5	11	5	2	0
18	0	4	11	10	0	0
19	0	5	10	10	1	0
20	0	5	9	11	1	0
21	0	6	8	10	1	0
22	0	7	6	2	1	0
23	0	9	4	1	1	0
24	0	2	5	3	1	0
25	0	0	4	8	0	0
26	0	0	4	10	1	0
27	0	0	4	9	4	0
28	0	0	4	11	4	0
29	0	0	3	11	4	0
30	0	0	4	9	4	0
31	0	8	-	9	6	-
S.F.	8	101	180	150	128	153
Mean	0	3	6	5	4	5
Max.	8	10	11	11	11	15
Min.	0	0	3	0	0	0
A.F.	20	200	370	300	250	300
Water returned 1440 A.F.						

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 Summary in Acre-feet--1972

	Oct.	May	June	July	Aug.	Sept.	Total
Diversions:							
Taylor-Ord Canal.....	10	2540	3830	8720	9810	3660	28570
Burwell-Sumter Canal....	10	1480	2680	5450	5820	960	16400
Ord-North Loup Canal....	0	730	1880	4310	4220	900	12040
Total diverted.....	20	4750	8390	18480	19850	5520	57010
Returned through spillways:							
Taylor-Ord.....	0	370	970	480	580	860	3260
Burwell-Sumter.....	20	140	410	220	330	220	1340
Ord-North Loup.....	20	200	370	300	250	300	1440
Total returned.....	40	710	1750	1000	1160	1380	6040
Net diversion.....	-20	4040	6640	17480	18690	4140	50970

NORTH PLATTE CANAL from North Platte River
Measured through 15-foot Parshall flume—Sec. 18-14-33 U.
1912

Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	42	108	147	164	60	181
2	0	46	90	157	188	103	167
3	0	48	62	156	194	131	148
4	0	42	97	173	192	136	149
5	0	27	108	173	194	143	149
6	0	52	96	178	222	157	152
7	0	52	112	192	235	189	136
8	0	37	133	162	241	200	120
9	0	30	145	142	246	214	120
10	0	56	143	131	243	230	113
11	0	61	121	163	252	252	120
12	0	72	156	166	249	247	130
13	0	69	175	164	252	253	120
14	0	65	182	179	250	250	107
15	0	65	186	135	250	250	103
16	0	64	186	196	247	258	101
17	0	69	182	166	238	258	97
18	0	73	171	163	249	255	93
19	0	75	160	157	250	247	108
20	0	56	166	157	223	227	115
21	8	111	162	159	185	232	101
22	65	124	163	159	189	230	103
23	61	120	162	159	194	230	97
24	61	120	167	160	203	228	96
25	54	118	173	149	207	230	98
26	50	120	160	145	170	222	94
27	51	111	159	144	168	213	94
28	50	103	157	143	82	277	93
29	50	97	155	145	59	213	98
30	54	104	160	139	54	211	92
31	51	—	142	—	62	204	—
S.F.	555	2265	4557	4894	6152	6430	3510
Mean	18	76	147	160	198	206	117
Max.	65	124	186	192	252	258	191
Min.	0	27	62	131	54	60	92
A.F.	1100	4500	9000	9530	12200	12050	6760

Water diverted 56180 A.F.
Acreage reported D-635-14063

NORTHFORT CANAL from North Platte River
Measured through section of Tri-State Canal
Sec. 10-23-58 U.
1912

Date	May	June	July	Aug.	Sept.
1	0	22	97	258	167
2	0	0	111	239	160
3	0	0	122	228	170
4	0	51	136	233	121
5	0	45	133	239	170
6	0	76	156	210	142
7	0	79	121	177	161
8	61	83	128	154	215
9	94	78	144	118	161
10	75	92	174	127	197
11	95	99	209	124	127
12	97	92	209	132	95
13	95	96	192	157	29
14	92	99	184	169	24
15	56	107	191	163	25
16	43	106	200	182	15
17	75	100	198	190	14
18	74	98	210	207	11
19	15	92	198	207	25
20	19	97	188	209	5
21	77	94	202	212	22
22	48	108	178	202	20
23	53	95	189	222	32
24	139	89	167	206	52
25	134	106	176	200	128
26	116	114	160	220	32
27	106	110	175	214	60
28	123	84	181	195	18
29	139	101	254	205	0
30	185	72	253	201	0
31	143	—	250	181	—
S.F.	2150	2495	5476	5977	2467
Mean	69	83	177	193	82
Max.	185	114	253	258	215
Min.	0	0	97	118	0
A.F.	4260	4950	10860	11860	4800

Water diverted 36320 A.F.

NORTHFORT CANAL from Drains
entering Tri-State Canal
1912

Date	May	June	July	Aug.	Sept.
1	0	21	156	133	219
2	0	31	177	131	210
3	0	45	178	136	213
4	0	125	177	130	237
5	0	123	177	136	211
6	0	129	177	156	213
7	0	123	179	198	210
8	20	136	175	199	155
9	22	142	176	196	147
10	22	144	180	197	149
11	22	134	182	194	150
12	21	132	175	191	143
13	22	130	176	191	202
14	23	125	176	189	224
15	60	122	184	190	218
16	81	125	181	192	216
17	82	126	188	201	212
18	96	126	183	203	206
19	101	125	188	203	208
20	101	127	191	207	210
21	99	125	189	203	214
22	95	126	201	206	216
23	95	125	182	197	180
24	100	123	196	187	158
25	100	121	203	179	106
26	103	120	224	178	49
27	109	123	204	180	50
28	113	133	198	181	49
29	116	138	157	179	47
30	39	143	130	175	43
31	22	—	121	195	—
S.F.	1664	3587	5591	5642	5075
Mean	58	120	180	182	160
Max.	116	148	224	207	237
Min.	0	21	130	181	47
A.F.	3300	7110	11090	11190	10070

Water diverted 42760 A.F.

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet--1972

Diverted from:	Section	May	June	July	Aug.	Sept.	Total
	Township Range						
North Platte River	10-23-58	4260	4950	10860	11360	4890	36820
*Sheep Creek	17-23-57	1810	4040	5320	6080	5200	22450
*Akers Draw	17-23-57	400	590	320	690	610	3110
*Tub Springs	27-53-55	520	1360	2530	2170	1270	7850
*Spottedtail, Dry	9-23-56	0	50	1140	330	890	2910
*Spottedtail, Wet	10-23-56	560	980	1280	1420	1920	6160
*Moffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total Diversion		7500	11970	21950	23050	14780	79300

Water diverted 79300 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.

ORCHARD-ALFALFA CANAL from Platte River
Measured through Farshall flume--Sec. 9-19-24 N.
1972

Date	May	June	July	Aug.	Sept.
1	0	23	60	59	52
2	0	19	62	41	55
3	0	19	67	23	56
4	0	20	76	13	57
5	0	15	74	13	53
6	0	12	75	20	40
7	0	13	75	23	33
8	0	17	78	18	28
9	0	17	67	16	25
10	0	16	75	12	10
11	0	16	72	25	0
12	0	16	75	41	0
13	0	24	76	43	0
14	0	31	75	49	0
15	0	31	75	46	0
16	0	28	73	55	0
17	11	25	62	57	0
18	16	31	47	66	0
19	15	21	51	79	0
20	13	23	56	88	0
21	19	33	56	92	0
22	19	22	41	95	0
23	19	33	38	68	0
24	23	34	44	30	0
25	22	38	59	77	0
26	21	41	60	71	0
27	21	42	67	64	0
28	22	43	79	58	0
29	22	51	75	49	0
30	22	56	70	47	0
31	22	—	65	47	—
S.F.	285	841	2025	1485	400
Mean	9	28	65	48	12
Max.	24	56	79	95	57
Min.	0	12	38	12	0
A.F.	570	1650	4020	2950	810
Water diverted 10020 A.F.					
Acreage reported D-627-5915					

OSHEOSH CANAL from North Platte River--Measured
through Farshall flume--Sec. 23-17-44 N.
1972

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	—
S.F.	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-797-673					

POTESIL CANAL from Mobrara River—Measured through Parshall flume—Sec. 26-29-48 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	6	0	0	3
2	0	8	0	0	3
3	0	8	0	0	3
4	0	8	3	0	1
5	0	8	2	0	1
6	0	7	2	0	0
7	0	7	3	0	0
8	0	6	3	0	0
9	0	6	3	0	0
10	0	6	3	0	0
11	0	6	3	0	0
12	0	6	3	0	0
13	0	6	3	0	0
14	0	6	4	0	0
15	0	6	6	0	0
16	0	6	6	0	0
17	0	6	6	0	0
18	0	6	5	0	0
19	0	6	5	0	0
20	0	6	5	0	0
21	0	5	4	0	0
22	0	5	3	2	0
23	0	5	3	5	0
24	0	2	1	5	0
25	0	0	0	5	0
26	0	0	0	5	0
27	1	0	0	5	0
28	1	0	0	4	0
29	1	0	0	4	0
30	5	0	0	4	0
31	6	-	0	3	-
S.F.	14	147	76	42	11
Mean	0	5	2	1	0
Max.	6	8	6	5	3
Min.	0	0	0	0	0
A.F.	30	290	150	80	20
Water diverted 570 A.F.					
Acreage reported A-2566-473; A-10686-145;					
Total-618					

RANSHORN CANAL from North Platte River Measured over 15-foot weir—Sec. 19-23-57 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	5	12	0	0
2	0	4	13	0	0
3	0	0	12	0	0
4	0	0	10	0	0
5	0	0	8	0	0
6	0	0	7	0	0
7	0	0	3	0	0
8	0	0	1	0	0
9	0	4	0	0	0
10	0	6	0	0	0
11	0	8	0	0	0
12	0	10	0	0	0
13	0	13	0	0	0
14	0	15	0	0	0
15	0	10	0	0	0
16	0	10	0	0	0
17	0	10	0	0	0
18	0	10	1	0	0
19	0	9	10	0	0
20	0	11	12	0	0
21	0	14	10	0	0
22	0	14	10	0	0
23	0	14	9	0	0
24	0	15	9	0	0
25	0	15	12	0	0
26	0	14	19	0	0
27	0	13	10	0	0
28	0	12	1	0	0
29	0	12	0	0	0
30	0	12	0	0	0
31	0	-	0	0	-
S.F.	0	260	169	0	0
Mean	0	9	5	0	0
Max.	0	15	19	0	0
Min.	0	0	0	0	0
A.F.	0	520	340	0	0
Water diverted 860 A.F.					
Acreage reported D-945-1356					

RED WILLOW CANAL from Red Willow Creek Measured through orifice check—Sec. 25-4-29 W.
1972

Date	Apr.	May	June	July	Aug.	Sept.
1	0	8	0	11	79	36
2	0	8	0	11	78	32
3	0	8	0	9	75	31
4	0	12	0	8	62	31
5	0	13	4	10	49	26
6	0	13	26	11	50	22
7	0	13	31	11	47	22
8	0	13	31	11	50	22
9	0	5	31	11	54	22
10	0	0	31	21	60	22
11	0	0	31	39	67	19
12	0	0	31	55	70	6
13	0	0	31	68	72	0
14	0	0	31	82	71	0
15	0	0	34	118	81	0
16	0	0	35	126	81	0
17	0	0	35	117	73	0
18	0	0	35	120	62	0
19	0	0	34	114	58	0
20	0	0	26	113	58	0
21	0	0	18	100	68	0
22	0	0	16	99	83	0
23	0	0	16	100	92	0
24	13	0	16	87	94	0
25	24	0	16	71	79	16
26	18	0	14	65	74	27
27	11	0	11	62	76	22
28	8	0	11	59	63	19
29	8	0	11	58	55	7
30	8	0	11	58	51	0
31	-	0	-	69	44	-
S.F.	90	93	617	1894	2076	382
Mean	3	3	21	61	67	13
Max.	24	13	35	126	94	36
Min.	0	0	0	8	44	0
A.F.	180	180	1220	3760	4120	760
Water diverted 10220 A.F.						
Acreage reported A-3869R-3780; A-6216-545;						
A-10195-496; A-12068-600; Total-5421						

RIVERSIDE CANAL from Frenchman River Measured in section of canal—Sec. 33-4-32 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	0	0	12	16
2	0	0	0	12	16
3	0	13	0	0	16
4	0	13	0	3	0
5	0	13	0	10	0
6	0	13	0	10	0
7	0	13	0	10	0
8	0	12	0	10	0
9	0	12	0	11	0
10	0	12	0	11	0
11	0	6	6	11	0
12	0	0	12	11	0
13	0	0	12	12	0
14	0	0	12	12	0
15	0	0	12	12	0
16	0	0	13	12	0
17	0	0	13	12	0
18	0	0	14	12	0
19	0	0	14	12	0
20	0	0	13	11	0
21	0	0	12	11	0
22	0	0	11	11	0
23	0	0	12	11	0
24	6	0	12	11	0
25	12	0	12	11	0
26	12	0	13	12	0
27	12	0	12	12	0
28	6	0	12	13	0
29	0	0	12	13	0
30	0	0	12	14	0
31	0	-	12	16	-
S.F.	48	107	253	341	48
Mean	2	4	8	11	2
Max.	12	13	14	16	16
Min.	0	0	0	0	0
A.F.	100	210	500	680	100
Water diverted 1590 A.F.					
Acreage reported D-18-359; A-1674-217;					
Total-576					

SARGENT CANAL from Middle Loup River--Measured
through 10-foot Parshall flume--Sec. 32-21-21 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	0	121	38	159
2	0	0	135	34	122
3	0	0	172	28	113
4	0	0	177	25	111
5	0	30	184	24	91
6	0	63	191	23	56
7	0	68	201	32	39
8	0	64	207	44	39
9	0	62	218	77	39
10	0	62	242	101	39
11	0	65	261	110	39
12	0	72	258	129	40
13	0	73	260	147	40
14	0	84	257	175	40
15	0	89	257	238	39
16	0	95	257	269	39
17	0	99	252	265	39
18	0	96	247	262	39
19	0	86	238	265	41
20	0	90	145	270	33
21	0	89	54	256	30
22	0	89	41	246	19
23	0	85	34	232	0
24	0	78	34	201	0
25	0	78	37	191	0
26	0	78	35	186	0
27	0	78	46	185	0
28	0	80	44	177	0
29	0	89	43	185	0
30	0	103	42	180	0
31	0	—	45	177	—
S.F.	0	2045	4735	4772	1246
Mean	0	68	153	154	42
Max.	0	103	261	270	159
Min.	0	0	34	23	0
A.F.	0	4060	9390	9470	2470

Water diverted 25390 A.F.
Acreage reported A-4841a-13824; A-12433-67; Total-13891

SHORT LINE CANAL from North Platte River
Measured through rating flume--Sec. 25-21-55 W.
1972

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	36	32	27	20
2	10	0	33	33	31	17
3	10	0	31	39	35	20
4	12	0	34	35	34	25
5	11	2	26	32	31	20
6	11	2	30	30	22	19
7	11	1	30	32	14	19
8	12	3	31	32	16	19
9	11	12	31	33	16	18
10	11	8	33	25	16	17
11	11	6	31	20	18	18
12	11	6	30	20	18	18
13	11	6	30	22	22	17
14	0	6	30	24	25	17
15	0	7	32	29	25	17
16	0	6	33	28	25	17
17	0	0	32	17	26	16
18	0	0	32	20	26	16
19	0	7	31	48	27	16
20	0	9	30	46	30	15
21	0	9	24	28	32	14
22	0	10	26	26	29	15
23	0	18	29	26	25	14
24	0	19	30	27	24	15
25	0	21	29	30	19	14
26	0	29	30	29	17	15
27	0	31	30	30	18	15
28	0	33	29	30	18	10
29	0	33	28	29	19	5
30	0	32	30	28	19	2
31	0	34	—	28	20	—
S.F.	143	350	911	908	724	480
Mean	5	11	30	29	23	16
Max.	12	34	36	48	35	25
Min.	0	0	24	17	14	2
A.F.	280	690	1810	1800	1440	950

Water diverted 6970 A.F.
Acreage reported D-946-2786

SIX MILE CANAL from Platte River--Measured
through Parshall flume--Sec. 18-11-25 W.
1972

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	0	0	13	1
2	6	0	0	0	11	0
3	0	0	0	0	11	0
4	0	0	0	0	4	0
5	0	0	0	11	1	0
6	0	0	0	13	1	0
7	0	0	0	16	2	0
8	0	0	0	27	6	0
9	0	0	0	24	7	0
10	0	0	0	23	7	0
11	0	0	0	19	7	0
12	0	0	0	22	6	0
13	0	0	0	28	6	0
14	0	0	0	22	6	0
15	0	0	0	22	6	0
16	0	0	0	25	6	0
17	0	0	0	23	5	0
18	0	0	0	23	12	0
19	0	0	0	44	31	0
20	0	0	0	41	34	0
21	0	0	0	38	30	0
22	0	0	0	35	24	0
23	0	0	0	32	21	0
24	0	0	0	29	23	0
25	0	0	0	26	24	0
26	0	0	0	24	25	0
27	0	0	0	26	22	0
28	0	0	0	26	19	0
29	0	0	0	38	15	0
30	0	0	0	39	9	0
31	0	0	—	20	3	—
S.F.	10	0	0	716	397	1
Mean	0	0	0	23	13	0
Max.	6	0	0	44	34	1
Min.	0	0	0	0	1	0
A.F.	20	0	0	1420	790	2

Water diverted 2232 A.F.
Acreage reported D-680-1173

SHERIDAN-WILSON CANAL from North Platte River
 Measured through section of canal
 Sec. 20-14-35 W.
 1972

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

SHERIDAN-WILSON CANAL from Sarben Slough
 Measured in section of canal
 Sec. 20-14-35 W.
 1972

Date	May	June	July	Aug.	Sept.
1	9	8	8	8	9
2	9	8	8	8	9
3	9	8	8	8	9
4	9	8	8	8	9
5	8	8	8	8	9
6	8	8	8	7	9
7	8	8	8	7	9
8	8	8	8	7	9
9	8	8	8	7	9
10	8	8	8	7	9
11	8	8	8	7	9
12	8	8	8	7	9
13	8	8	8	7	9
14	8	8	8	7	9
15	8	8	8	7	9
16	8	8	8	7	9
17	8	8	8	7	9
18	8	8	8	7	8
19	8	8	8	7	8
20	8	8	8	8	8
21	8	8	8	8	8
22	8	8	8	8	8
23	8	8	8	8	8
24	8	8	8	8	8
25	8	8	8	8	8
26	8	8	8	8	8
27	8	8	8	8	8
28	8	8	8	8	8
29	8	8	8	8	8
30	8	8	8	8	8
31	8	-	8	8	-
S.F.	252	240	248	234	257
Mean	8	8	8	8	9
Max.	9	8	8	8	9
Min.	8	8	8	7	8
A.F.	500	480	490	460	510

Water diverted 2440 A.F.

SHERIDAN-WILSON DIVERSION
 Summary in Acre-feet—1972

	May	June	July	Aug.	Sept.	Total
Diversion:						
North Platte River.....	0	0	0	0	0	0
Sarben Slough.....	500	480	490	460	510	2440
Total diversion.....	500	480	490	460	510	2440

Water diverted 2440 A.F.
 Acreage reported D-710-918

SNOW CANAL from Hiobrara River—Measured
through rating flume—Sec. 35-29-51 W.
1972

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

Water diverted 70 A.F.
Acreage reported D-485-200

SUBURBAN CANAL from North Platte River
Measured through Parshall flume—Sec. 8-14-32 W.
1972

Date	Oct.	May	June	July	Aug.	Sept.
1	42	29	51	76	46	60
2	42	60	48	84	47	64
3	42	55	63	87	45	63
4	42	56	80	84	42	60
5	42	51	80	82	26	60
6	42	58	79	95	14	60
7	31	74	73	93	28	60
8	2	74	64	100	61	58
9	2	73	64	111	61	49
10	2	72	70	116	61	37
11	2	72	73	117	69	54
12	1	65	74	111	88	70
13	1	58	77	104	101	69
14	0	57	82	102	100	68
15	0	56	76	105	102	64
16	0	60	75	105	106	63
17	0	65	72	108	109	61
18	0	63	68	101	109	58
19	0	58	65	90	102	56
20	0	55	61	93	102	54
21	0	48	60	99	96	53
22	0	42	59	96	76	52
23	0	58	58	92	76	51
24	0	70	61	89	74	60
25	0	71	76	88	69	58
26	0	69	76	81	73	56
27	0	69	71	73	72	54
28	0	69	69	64	70	52
29	0	69	71	51	60	52
30	0	65	76	48	67	0
31	0	54	—	47	60	—
S.F.	293	1895	2072	2792	2212	1676
Mean	9	61	69	90	71	58
Max.	42	74	82	117	109	70
Min.	0	29	48	47	14	8
A.F.	580	3760	4110	5540	4390	3320

Water diverted 21700 A.F.
Acreage reported D-662-5470

SUPERIOR CANAL from Republican River
Measured through 12-foot Parshall flume
Sec. 7-1-9 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	0	63	42	0
2	0	0	81	42	0
3	0	0	102	19	0
4	0	0	115	0	0
5	0	0	125	0	0
6	0	0	130	0	0
7	0	0	135	0	0
8	50	0	137	0	0
9	65	0	137	25	0
10	49	0	138	50	0
11	29	0	147	67	0
12	35	0	136	72	0
13	35	0	129	83	0
14	35	0	136	94	0
15	35	0	133	98	0
16	35	0	134	117	0
17	38	0	134	125	0
18	41	0	134	125	0
19	41	0	135	127	0
20	41	0	134	129	0
21	41	0	134	129	0
22	40	0	134	129	0
23	43	0	133	126	0
24	42	0	129	112	0
25	42	0	119	85	0
26	11	25	115	35	0
27	0	51	105	0	0
28	0	51	94	0	0
29	0	51	69	0	0
30	0	51	43	0	0
31	0	—	42	0	—
S.F.	748	229	3632	1831	0
Mean	24	8	117	59	0
Max.	65	51	147	129	0
Min.	0	0	42	0	0
A.F.	1480	450	7200	3630	0

Water diverted 12760 A.F.
Acreage reported A-2691cR-5444; A-6223-261; A-9723-44; A-9875-49; A-10966-66;
Total-5864

SUTHERLAND POWER RETURN to the South Platte River at North Platte
 Measured through power wheels--Sec. 21-13-30 W.
 1972

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	767	449	1378	1508	1489	1735	1591	359	1236	1297	1495	758
2	620	448	1419	1500	1484	1742	1498	431	1259	1299	1432	759
3	617	445	1454	1497	1501	1850	1001	391	1299	1300	1441	717
4	623	465	1422	1494	1497	1909	988	416	1301	1315	1446	692
5	624	451	1430	1501	1504	1922	988	431	1284	1294	1439	707
6	621	449	1423	1504	1499	1908	1065	323	1234	1360	1484	738
7	601	446	1420	1506	1507	1902	1116	58	1223	1595	1625	728
8	427	481	1427	1500	1505	1925	1147	27	1241	1774	1774	701
9	427	448	973	1503	1507	1871	1246	38	1239	1786	1718	698
10	429	441	1422	1500	1502	1753	992	33	1239	1668	1570	697
11	431	446	1407	1499	1505	1745	936	29	1243	1599	1574	756
12	431	441	1408	1505	1507	1742	925	42	1228	1909	1566	821
13	428	443	1415	1494	1508	1766	851	49	1234	1901	1570	852
14	431	449	1411	1477	1501	1735	748	54	1275	1812	1797	896
15	431	459	1411	1492	1506	1745	770	50	1308	1841	1900	900
16	431	457	1421	1454	1511	1743	779	46	1307	1644	1889	900
17	431	428	1417	1500	1510	1852	756	31	1298	1637	1902	897
18	419	417	1419	1502	1507	1912	642	34	1303	1642	1899	912
19	410	419	1413	1485	1506	1911	589	256	1312	1629	1898	893
20	408	419	1413	1502	1504	1913	564	27	1312	1610	1898	895
21	408	421	1409	1496	1508	1900	565	30	1296	1566	1830	893
22	419	498	1486	1509	1505	1775	486	35	1306	1567	1692	981
23	451	490	1498	1493	1601	1786	478	267	1303	1568	1768	1039
24	448	625	1505	1497	1641	1801	471	481	1302	1539	1648	1072
25	451	630	1497	1489	1641	1818	432	779	1301	1519	1515	1066
26	434	690	1506	1459	1635	1785	399	1117	1300	1505	1388	1069
27	431	874	1497	1488	1647	1800	383	1298	1301	1432	1340	1081
28	425	935	1504	1500	1639	1795	324	1302	1297	1434	1303	1247
29	438	1126	1505	1489	1713	1805	323	1302	1303	1438	1054	1372
30	442	1265	1502	1490	---	1797	322	1308	1298	1479	926	1449
31	464	---	1506	1500	---	1667	---	1278	---	1614	839	---
S.F.	14818	16455	44318	46377	44590	56318	23375	12322	38392	48573	48620	27186
Mean	478	548	1430	1496	1538	1817	775	397	1280	1567	1568	906
Max.	767	1265	1506	1505	1713	1925	1591	1308	1312	1909	1902	1449
Min.	408	417	973	1459	1484	1667	322	27	1228	1294	839	692
A.F.	29390	32640	87900	91990	88440	111710	46360	24440	76150	96340	96440	53920
Water returned 835720 A.F.												

THIRTY MILE CANAL from Platte River--Measured
 through Parshall flume--Sec. 30-12-26 W.
 1972

Date	May	June	July	Aug.	Sept.
1	0	63	149	248	162
2	0	67	192	204	162
3	0	66	201	160	162
4	0	66	211	159	160
5	0	71	211	160	154
6	0	84	222	160	135
7	0	89	271	204	119
8	0	76	287	187	119
9	0	75	269	192	103
10	0	75	299	190	85
11	0	74	293	202	109
12	0	78	318	211	119
13	0	128	322	224	119
14	0	117	320	199	117
15	0	123	318	204	116
16	0	109	318	217	110
17	0	108	318	231	109
18	0	108	303	246	100
19	0	106	293	252	102
20	0	98	269	254	85
21	0	102	297	259	67
22	0	108	246	246	68
23	18	108	235	238	60
24	59	106	254	233	68
25	68	108	262	218	69
26	40	110	275	215	67
27	36	115	283	217	64
28	36	146	277	211	63
29	38	149	248	170	63
30	69	147	246	162	62
31	67	---	265	163	---
S.F.	431	2980	8222	6436	3115
Mean	14	99	265	208	104
Max.	69	149	322	259	162
Min.	0	63	149	159	62
A.F.	850	5910	16310	12770	6180
Water diverted 42020 A.F.					
Acreage reported A-1853R-19587; A-1976-3555; A-2077-320; Total 23462					

TRI-COUNTY CANAL from Platte River for Lower and Irrigation
Measured through 30-foot Parshall flume--Sec. 28-13-29 U.

1972

Table with 12 columns: Date, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept. Rows include daily measurements from 1 to 31, and summary statistics: S.F., Mean, Max., Min., A.F., and Water diverted 1368160 A.F.

Acreeage reported A-2355-89346; (Storage only)-A-3620-952; A-3823-804; A-4656-1496; A-5278-5048; A-7716-800; A-9673-28435; Total-126831

TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River
Measured through Parshall flume--Sec. 26-12-27 U.

1972

Table with 12 columns: Date, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept. Rows include daily measurements from 1 to 31, and summary statistics: S.F., Mean, Max., Min., A.F., and Water returned 58940 A.F.

TRI-COUNTY CANAL, JOHNSON TOWER RETURN
To Flatte River—Sec. 2-3-21 W.
1972

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1064	1711	1680	1712	1039	1397	1654	928	1257	558	380	272
2	1066	1715	1722	1742	1039	1412	1666	923	1235	603	456	334
3	1071	1706	1720	1429	1066	1391	1669	945	1214	94	510	346
4	1067	1722	1662	1475	1071	1371	1719	832	1069	70	596	422
5	1069	1698	1657	1336	1071	1409	1696	871	1040	62	846	456
6	1110	1707	1650	1228	1051	1354	1742	1139	757	98	859	464
7	1251	1636	1664	1263	1230	1376	1749	1195	666	118	742	460
8	1451	1636	1723	1260	1485	1384	1775	1327	651	146	712	439
9	1434	1468	1632	1245	1618	1359	1744	1452	580	190	652	439
10	1463	1484	1543	1265	1626	1351	1682	1429	362	178	708	472
11	1513	742	1641	1386	1669	1331	1496	1394	330	130	734	493
12	1374	1480	1641	1502	1749	1462	846	1341	339	74	674	498
13	1390	1471	1656	1455	1742	1732	1129	1321	321	78	502	515
14	1424	1402	1610	1482	1389	1712	1094	1477	279	82	456	549
15	1415	1474	1659	1157	1487	1770	902	1531	281	98	32	562
16	1441	1582	1581	1152	1349	1747	748	1422	304	98	70	558
17	1450	1534	1720	1160	1361	1709	841	1415	314	110	34	601
18	1521	1524	1726	1195	1384	1719	792	1354	308	98	78	609
19	1548	1498	1725	1286	1391	1732	729	1278	318	94	126	592
20	1526	1552	1736	1369	1366	1707	723	1268	540	74	122	605
21	1538	1524	1767	1480	1359	1702	702	1267	618	74	94	635
22	1537	1587	1762	1601	1371	1691	684	1227	602	94	74	652
23	1531	1718	1759	1581	1389	1699	683	1221	467	1106	62	656
24	1529	1710	1821	1742	1399	1646	686	1087	334	74	66	656
25	1547	1672	1752	1742	1374	1558	638	1056	335	54	73	656
26	1571	1681	1798	1719	1346	1576	608	1139	324	98	74	644
27	1592	1672	1817	1187	1366	1578	643	1194	343	70	74	1200
28	1707	1685	1817	1084	1384	1576	635	1179	634	126	15	1439
29	1714	1679	1676	1092	1407	1676	832	1187	738	78	22	1578
30	1713	1697	1654	1036	-----	1429	827	1257	581	82	78	1497
31	1757	-----	1681	1051	-----	1618	-----	1290	-----	70	190	-----
S.F.	44384	47367	52652	42414	39578	48204	33334	37946	17181	3979	10166	19299
Mean	1432	1579	1698	1368	1365	1555	1111	1224	573	128	328	643
Max.	1757	1722	1821	1742	1749	1770	1775	1531	1257	603	859	1578
Min.	1064	742	1543	1036	1039	1331	608	832	279	54	15	272
A.F.	88030	93950	104430	84130	78500	95610	66120	75260	34080	7890	20160	38280
Water returned	786440 A.F.											

TRI-STATE CANAL FOR FARMERS IRRIGATION DISTRICT
AND PREFERRED RIGHTS from North Flatte River
Measured through section of canal—Sec. 10-23-58 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	386	708	802	626
2	0	593	814	745	615
3	0	636	803	710	572
4	0	499	792	685	621
5	0	489	795	679	522
6	0	456	775	664	533
7	0	453	800	681	506
8	0	446	846	713	421
9	0	462	906	794	441
10	0	450	996	785	390
11	0	438	1011	823	395
12	0	437	1011	852	405
13	0	441	1018	834	461
14	0	438	1046	828	452
15	0	422	1039	897	451
16	0	428	1020	918	477
17	0	427	1022	900	488
18	0	429	1000	887	542
19	0	437	982	903	554
20	0	432	992	901	479
21	0	433	948	908	567
22	390	421	952	888	535
23	500	429	901	848	382
24	445	438	943	864	341
25	458	419	934	870	243
26	465	398	940	790	291
27	512	397	925	727	34
28	519	438	899	704	0
29	497	431	826	675	0
30	443	606	817	628	0
31	340	-----	810	600	-----
S.F.	4569	13609	28271	24503	12444
Mean	147	454	912	790	415
Max.	519	606	1046	918	626
Min.	0	386	708	600	0
A.F.	9060	26990	56070	48600	24680
Water diverted	165400 A.F.				

TRI-STATE DIVERSIONS
FOR FARMERS IRRIGATION DISTRICT AND PREFERRED RIGHTS
Summary in Acre-feet--1972

Diverted from:	May	June	July	Aug.	Sept.	Total
North Platte River.....	9060	26990	56070	43600	24680	165400
*Optional Diversions.....	210	290	680	1200	630	3060
**Drains.....	290	100	0	0	170	560
Total.....	9560	27380	56750	49800	25530	169020

Water diverted 169020 A.F.
Acreage reported D-918-58158; A-660-2913; C.D.'s-1717; Total-62788

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

UNION CANAL from Blue Creek--Measured
through rating flume--Sec. 18-16-42 W.
1972

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	6	0	16	10
2	0	0	2	0	16	4
3	0	0	6	0	11	12
4	0	0	7	0	8	12
5	0	0	3	0	10	10
6	0	0	0	2	10	8
7	0	0	0	6	10	6
8	0	0	0	12	10	5
9	2	0	0	11	10	4
10	5	0	0	11	14	4
11	3	0	0	10	19	4
12	0	0	0	10	18	2
13	0	0	0	12	19	0
14	0	0	0	19	18	0
15	0	0	0	20	17	0
16	0	0	0	19	18	0
17	0	0	0	17	17	0
18	0	0	0	20	17	5
19	0	0	2	20	17	6
20	0	0	4	19	17	6
21	0	0	5	17	18	6
22	0	0	8	18	19	7
23	0	9	8	18	18	7
24	0	16	9	17	18	6
25	0	16	9	17	19	6
26	0	15	0	18	19	6
27	0	14	0	18	18	6
28	0	13	0	17	16	6
29	0	13	0	16	16	6
30	0	10	0	17	15	6
31	0	12	-	17	15	-
S.F.	10	118	69	398	483	160
Mean	0	4	2	13	16	5
Max.	5	16	9	20	19	12
Min.	0	0	0	0	8	0
A.F.	20	230	140	790	960	320

Water diverted 2460 A.F.
Acreage reported D-763-1306

WESTERN CANAL from South Platte River
Measured in section of canal--Sec. 14-12-43 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	88	0	47	27	21	32
2	88	0	47	31	21	36
3	88	0	47	27	21	40
4	76	0	50	29	21	40
5	74	0	63	29	21	40
6	61	0	63	32	20	38
7	63	0	59	26	20	38
8	61	45	59	22	22	38
9	59	61	59	22	24	42
10	57	59	59	22	24	45
11	55	61	56	21	24	49
12	53	56	56	21	24	52
13	51	56	56	26	27	56
14	49	56	59	29	27	60
15	47	59	59	24	74	63
16	0	59	50	24	40	59
17	0	61	50	24	29	59
18	0	61	50	24	29	54
19	0	56	50	24	29	50
20	0	56	45	27	27	52
21	0	56	45	22	27	61
22	0	56	45	22	27	47
23	0	56	41	18	27	47
24	0	56	41	18	27	50
25	0	54	38	18	26	50
26	0	50	28	18	26	43
27	0	52	0	18	29	43
28	0	45	18	18	45	43
29	0	45	31	18	45	40
30	0	47	29	18	93	40
31	0	45	--	20	43	--
S.F.	970	1308	1400	719	960	1407
Mean	31	42	47	23	31	47
Max.	88	61	63	32	93	63
Min.	0	0	0	18	20	32
A.F.	1920	2590	2780	1430	1900	2790

Water diverted 13410 A.F.
Acreage reported A-393-11274; A-1804-800; A-4739-498; Total-12972

WINTERS CREEK CANAL from North Platte River--Measured
through 8-foot Parshall flume--Sec. 17-22-55 W.
1972

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	10	25	14	16
2	0	0	10	26	14	17
3	0	0	2	26	14	17
4	0	0	2	22	15	14
5	0	0	8	19	14	12
6	0	0	13	14	14	12
7	0	0	13	13	14	12
8	0	0	14	12	18	13
9	0	0	16	5	21	13
10	0	0	20	4	16	13
11	0	0	15	0	18	12
12	0	0	8	15	17	12
13	1	0	6	36	16	12
14	0	0	10	36	18	12
15	0	0	10	34	17	12
16	0	0	10	29	18	12
17	0	0	10	28	16	12
18	1	0	10	26	17	11
19	0	0	10	22	17	11
20	0	0	10	25	23	11
21	0	0	10	20	15	11
22	0	0	10	20	18	12
23	0	0	11	19	22	13
24	0	0	11	14	20	13
25	0	0	11	2	16	14
26	0	4	11	2	16	15
27	0	9	11	9	16	16
28	0	12	15	14	16	7
29	0	13	23	14	16	2
30	0	5	26	14	17	0
31	-	6	-	14	16	-
S.F.	2	49	346	559	519	359
Mean	0	1	12	18	17	12
Max.	1	13	26	36	23	17
Min.	0	0	2	0	14	0
A.F.	0	100	690	1110	1030	710
Water diverted 3640 A.F.						

WINTERS CREEK CANAL from Winter Creek--Measured
through 8-foot Parshall flume--Sec. 19-22-54 W.
1972

Date	May	June	July	Aug.	Sept.
1	0	34	36	16	30
2	0	32	35	18	37
3	0	28	43	17	36
4	0	10	46	14	36
5	0	19	35	10	34
6	0	18	38	20	32
7	0	27	38	32	33
8	0	36	35	36	41
9	0	24	34	36	38
10	0	16	39	37	37
11	0	26	41	38	37
12	0	14	36	38	40
13	0	13	41	49	43
14	0	22	44	49	41
15	0	26	45	46	38
16	0	24	50	35	37
17	0	14	41	47	40
18	0	12	49	48	44
19	0	23	49	45	45
20	0	25	51	48	45
21	0	20	50	48	48
22	0	18	42	45	45
23	2	22	38	47	42
24	6	20	28	37	43
25	15	12	1	38	41
26	29	7	2	45	29
27	36	23	10	55	36
28	37	26	10	48	53
29	39	35	15	45	50
30	39	42	25	44	30
31	37	-	18	37	-
S.F.	240	668	1065	1168	1181
Mean	8	22	34	38	39
Max.	39	42	51	55	53
Min.	0	7	1	10	29
A.F.	480	1320	2110	2320	2340
Water diverted 8570 A.F.					

WINTERS CREEK DIVERSIONS
Summary in Acre-feet--1972

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	100	690	1110	1030	710	3640
Winters Creek.....	500	1350	2360	2640	2560	9410
Total diversion.....	600	2040	3470	3670	3270	13050

Water diverted 13050 A.F.
Acreage reported D-952-5748

WIMMERS CREEK FACTORY LATERAL from Winter Creek--Measured
 through 2-foot Parshall flume--Sec. 19-22-54 W.

Date	May	June	July	Aug.	Sept.
1	0	4	5	2	4
2	0	2	5	2	4
3	0	0	5	2	4
4	0	0	4	2	3
5	0	0	4	2	3
6	0	0	4	2	3
7	0	0	4	2	1
8	0	0	4	4	0
9	0	0	6	5	0
10	0	0	9	4	0
11	0	0	11	4	0
12	0	0	11	4	2
13	0	0	4	5	3
14	0	0	3	7	3
15	0	0	2	8	3
16	0	0	2	8	6
17	0	0	2	8	8
18	0	0	2	8	8
19	0	0	4	8	8
20	0	0	4	8	8
21	0	0	4	8	3
22	0	0	4	8	3
23	0	0	4	8	6
24	0	0	4	8	7
25	0	0	2	6	7
26	0	0	2	5	8
27	1	0	3	5	6
28	3	0	2	5	0
29	3	2	2	5	0
30	1	5	2	5	0
31	3	-	2	4	-
S.F.	11	13	126	162	111
Mean	0	0	4	5	4
Max.	3	5	11	8	8
Min.	0	0	2	2	0
A.F.	20	30	250	320	220

Water diverted 840 A.F.

MISCELLANEOUS DATA

PRECIPITATION AT VARIOUS POINTS

Data Compiled by Water Year from Records
of the United States Weather Bureau
Values in Inches

	Normal		1971		1972	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION 4080						
October	0.67	0.67	1.46	1.46	0.68	0.68
November	0.33	1.05	0.19	1.65	0.21	0.89
December	0.31	1.36	0.23	1.88	0.02	0.91
January	0.24	1.60	0.11	1.99	0.19	1.10
February	0.24	1.84	0.19	2.18	0.06	1.16
March	0.61	2.45	0.83	3.01	0.79	1.95
April	1.46	3.91	1.96	4.97	2.63	4.58
May	2.35	6.26	4.58	9.55	1.95	6.53
June	2.97	9.23	3.33	12.88	4.89	11.42
July	1.34	10.57	2.14	15.02	3.40	14.82
August	1.11	11.68	0.02	15.04	1.83	16.65
September	1.10	12.78	2.84	17.88	1.78	18.43
*59-year record						
*BRIDGEFORD STATION, MORRILL COUNTY--ELEVATION 3666						
October	0.66	0.66	0.67	0.67	1.03	1.03
November	0.40	1.06	0.17	0.84	0.16	1.19
December	0.36	1.42	0.22	1.06	0.13	1.32
January	0.35	1.77	0.21	1.27	0.16	1.48
February	0.32	2.09	0.18	1.45	0.09	1.57
March	0.76	2.85	1.20	2.65	0.15	1.72
April	1.47	4.32	1.60	4.25	2.04	3.76
May	2.68	7.00	2.18	6.43	1.97	5.73
June	3.10	10.10	3.08	9.51	3.07	8.80
July	2.06	12.16	2.21	11.72	2.35	11.15
August	1.36	13.52	1.53	13.25	1.00	12.15
September	1.35	14.87	1.67	14.92	1.56	13.71
*74-year record						
*OSHKOSH STATION, GARDEN COUNTY--ELEVATION 3393						
October	0.82	0.82	0.64	0.64	1.32	1.32
November	0.54	1.36	0.40	1.04	0.17	1.49
December	0.41	1.77	0.30	1.34	0.17	1.66
January	0.37	2.14	0.18	1.52	0.42	2.08
February	0.40	2.54	0.44	1.96	0.08	2.16
March	0.92	3.46	1.24	3.20	0.24	2.40
April	1.92	5.38	2.59	5.79	1.95	4.35
May	2.68	8.06	3.63	9.42	2.12	6.47
June	2.81	10.87	3.92	13.34	5.19	11.66
July	2.15	13.02	2.63	15.97	3.21	14.87
August	1.91	14.93	0.71	16.68	0.79	15.66
September	1.39	16.32	1.50	18.18	1.99	17.65
*59-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1971</u>		<u>1972</u>	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION 2775						
October	0.91	0.91	1.27	1.27	1.75	1.75
November	0.50	1.41	0.91	2.18	0.90	2.65
December	0.40	1.81	0.22	2.40	0.16	2.81
January	0.43	2.24	0.47	2.87	0.16	2.97
February	0.52	2.76	1.29	4.16	0.08	3.05
March	0.98	3.74	0.97	5.13	0.65	3.70
April	2.01	5.75	3.94	9.07	1.19	4.89
May	2.95	8.70	2.54	11.61	3.13	3.07
June	3.25	11.95	5.84	17.45	2.96	11.03
July	2.52	14.47	3.48	20.93	3.58	14.61
August	2.13	16.60	0.91	21.84	0.95	15.56
September	1.67	18.27	2.01	23.85	1.46	17.02
*32-year record						

*LEXINGTON STATION, DAWSON COUNTY--ELEVATION 2340

October	1.49	1.49	1.27	1.27	1.59	1.59
November	0.70	2.19	0.46	1.73	3.34	5.43
December	0.66	2.85	0.29	2.02	0.14	5.57
January	0.50	3.35	0.66	2.68	0.25	5.82
February	0.72	4.07	1.63	4.31	0.22	6.04
March	1.10	5.17	1.19	5.50	0.55	6.59
April	2.38	7.55	3.49	8.99	1.50	8.09
May	3.23	10.78	2.89	11.88	4.51	12.60
June	3.74	14.52	2.29	14.17	2.52	15.12
July	2.99	17.51	4.08	18.25	1.88	17.00
August	2.70	20.21	1.16	19.41	4.21	21.21
September	1.98	22.19	1.22	20.63	1.52	22.73
*21-year record (Portion of 1972 based on unofficial records)						

*GRAND ISLAND STATION, HALL COUNTY--ELEVATION 1841

October	0.96	0.96	1.44	1.44	1.75	1.75
November	0.76	1.74	0.33	1.77	1.82	3.57
December	0.56	2.28	0.07	1.84	0.50	4.07
January	0.63	2.91	0.82	2.66	0.19	4.26
February	0.74	3.65	3.39	6.05	0.17	4.43
March	1.27	4.92	1.12	7.17	0.23	4.66
April	2.28	7.20	0.95	8.12	3.00	7.66
May	3.85	11.05	5.32	13.44	5.91	13.57
June	3.79	14.84	5.62	19.06	1.86	15.43
July	2.51	17.35	2.27	21.33	4.98	20.41
August	2.35	19.70	0.66	21.99	1.43	21.84
September	2.15	21.85	1.35	23.34	2.50	24.34
*80-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1971		1972	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION 4320						
October	0.76	0.76	0.84	0.84	0.70	0.70
November	0.47	1.23	0.17	1.01	0.06	0.76
December	0.46	1.69	0.55	1.56	0.15	0.91
January	0.32	2.01	0.53	2.09	0.15	1.06
February	0.33	2.34	0.69	2.78	0.04	1.10
March	0.88	3.22	1.94	4.72	0.07	1.17
April	1.87	5.09	2.38	7.10	1.48	2.65
May	2.78	7.87	3.46	10.56	0.99	3.64
June	2.85	10.72	1.73	12.29	4.32	7.96
July	1.99	12.71	1.12	13.41	3.62	11.58
August	1.79	14.50	1.60	15.01	2.04	13.62
September	1.27	15.77	2.04	17.05	1.55	15.17
*44-year record						
*ORD STATION, VALLEY COUNTY--ELEVATION 2070						
October	1.14	1.14	1.95	1.95	2.01	2.01
November	0.73	1.87	0.85	2.80	2.02	4.03
December	0.68	2.55	0.30	3.10	0.63	4.66
January	0.66	3.21	0.39	3.49	0.10	4.76
February	0.78	3.99	1.83	5.32	0.10	4.86
March	1.49	5.48	0.96	6.28	0.40	5.26
April	2.29	7.77	2.16	8.44	2.17	7.43
May	3.46	11.23	2.82	11.26	3.89	11.32
June	3.79	15.02	4.90	16.16	1.64	12.96
July	2.37	17.39	2.08	18.24	3.50	16.46
August	2.18	19.57	1.24	19.48	0.89	17.35
September	1.98	21.55	1.56	21.04	2.40	19.75
*81-year record						
*FORT ROBINSON STATION, DAWES COUNTY--ELEVATION 3807						
October	0.86	0.86	2.12	2.12	1.01	1.01
November	0.61	1.47	0.59	2.71	0.59	1.60
December	0.44	1.91	0.36	3.07	0.16	1.76
January	0.45	2.36	0.14	3.21	0.25	2.01
February	0.55	2.91	0.89	4.10	0.17	2.18
March	1.11	4.02	0.73	4.83	0.42	2.60
April	2.23	6.25	3.21	8.04	2.36	4.96
May	3.39	9.64	6.41	14.45	2.63	7.59
June	3.16	12.80	2.62	17.07	2.70	10.29
July	1.72	14.52	2.43	19.50	2.12	12.41
August	1.50	16.02	1.45	20.95	1.65	14.06
September	1.47	17.49	3.81	24.76	1.16	15.22
*88-year record (Portion of 1972 based on unofficial records)						

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1971		1972	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION 2720						
October	0.99	0.99	1.27	1.27	1.59	1.59
November	0.65	1.64	0.90	2.17	1.86	3.45
December	0.48	2.12	0.14	2.31	0.02	3.47
January	0.46	2.58	0.65	2.96	0.17	3.64
February	0.61	3.19	1.90	4.86	0.14	3.78
March	1.23	4.42	0.84	5.70	0.27	4.05
April	1.91	6.33	4.12	9.82	1.35	5.40
May	3.24	9.57	2.03	11.85	3.62	9.02
June	3.08	12.65	3.89	15.74	5.72	14.74
July	2.66	15.31	3.04	18.78	2.26	17.00
August	2.49	17.80	0.62	19.40	2.18	19.18
September	1.58	19.38	1.38	20.78	0.83	20.01
*84-year record						
*GENOA STATION, NANCE COUNTY--ELEVATION 1590						
October	1.08	1.08	2.48	2.48	2.22	2.22
November	0.81	1.89	0.58	3.06	2.09	4.31
December	0.71	2.60	0.28	3.34	0.56	4.87
January	0.62	3.22	0.60	3.94	0.06	4.93
February	0.81	4.03	3.16	7.10	0.20	5.13
March	1.24	5.27	1.07	8.17	0.58	5.71
April	2.20	7.47	1.09	9.26	2.52	8.23
May	3.63	11.10	5.21	14.47	9.46	17.69
June	4.48	15.58	7.79	22.26	2.22	19.91
July	2.87	18.45	3.94	26.20	4.13	24.04
August	2.73	21.18	0.55	26.75	1.21	25.25
September	2.19	23.37	1.26	28.01	4.15	29.40
*96-year record						
*HOLDREGE STATION, PHELPS COUNTY--ELEVATION 2330						
October	1.18	1.18	0.96	0.96	2.62	2.62
November	0.77	1.95	0.29	1.25	2.55	5.17
December	0.57	2.52	0.09	1.34	0.13	5.30
January	0.60	3.12	0.70	2.04	0.15	5.45
February	0.78	3.90	1.62	3.66	0.26	5.71
March	1.28	5.18	0.94	4.60	0.60	6.31
April	2.36	7.54	3.30	7.90	1.73	8.04
May	3.86	11.40	4.42	12.32	7.28	15.32
June	4.20	15.60	2.25	14.57	4.35	19.67
July	2.42	18.02	4.15	18.72	2.63	22.30
August	2.45	20.47	2.78	21.50	4.54	26.84
September	2.23	22.70	1.26	22.76	1.42	28.26
*82-year record						

MONTHLY EVAPORATION IN FEET--1971

STATION	May	June	July	Aug.	Sept.	Total
Pathfinder Dam	0.517	0.846	0.931	0.952	0.767	4.013
Whalen Dam	0.531	0.732	0.876	0.808	0.442	3.389
Bridgeport	0.464	0.743	0.755	0.748	0.452	3.162
Kingsley Dam	0.440	0.578	0.648	0.636	0.418	2.720
North Platte	0.575	0.853	0.891	0.873	0.672	3.864

MONTHLY EVAPORATION IN FEET--1972

STATION	May	June	July	Aug.	Sept.	Total
Pathfinder Dam	0.628	0.768	0.862	0.776	0.713	3.747
Whalen Dam	0.641	0.761	0.792	0.732	0.558	3.484
Bridgeport	0.552	0.661	0.666	0.681	0.449	3.009
Kingsley Dam	∕	0.638	0.629	0.641	0.421	
North Platte	0.648	0.800	1.107	0.806	0.700	4.061

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, 1971			Water Year Ending September 30, 1972		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
Mansworth	35114	67880	1.93	35190	53880	1.52
Alliance	6304	18540	2.94	6369	18870	2.96
Bartley	7563	12270	1.62	7563	12300	1.69
Beckline	2080	2530	1.22	2080	1990	0.95
Belmont	14345	27460	1.91	14427	30910	2.10
Birdwood	5287	6570	1.24	5287	9170	1.73
Blue Creek	2917	7290	2.50	2917	6670	2.29
Browns Creek	6120	16370	2.76	6120	14150	2.31
Cambridge	19453	34620	1.78	19378	35670	1.74
Castle Rock-Steamboat	6507	19520	3.00	6507	19620	3.02
Central	2125	4040	1.90	2127	5170	2.43
Champion	1138	2570	2.26	1138	3270	2.86
Chimney Rock	5269	16150	3.07	5269	17390	3.30
Cody-Dillon	4751	4860	1.02	4751	5600	1.18
Court House Rock	1492	2150	1.44	1498	2700	1.80
Courtland for Nebr lands	1984	4220	2.13	1984	3020	1.52
Cozad	25195	33980	1.35	25195	31220	1.24
Culbertson	20993	52190	2.49	20957	50160	2.39
Dawson County	87181	59450	0.68	82743	67100	0.81
Earnest	441	690	1.56	441	1590	3.61
Empire	2191	3800	1.73	2191	3720	2.62
Enterprise	7532	25420	3.37	7532	22910	3.04
Farwell	48650	108540	2.23	49047	131650	2.68
**Fort Laramie	105050	295320	2.82	105050	322370	3.16
Franklin	11094	34450	3.11	11095	38240	3.55
Franklin Pump	2142	4280	2.00	2142	2820	1.32
Gering	14244	38590	2.71	14244	43750	3.08
**Gothenburg	23068	37000	1.60	25068	41010	1.67
Graf	1698	1960	1.15	1081	1970	1.82
Harris-Mecce	1109	2060	1.86	1109	2260	2.04
Hopper	877	2450	2.79	877	3130	3.57
Interstate	125106	432290	3.46	125106	492040	3.93
**Kearney	77606	17750	2.33	7606	15170	1.99
Keith-Lincoln Co.	6092	16600	2.72	5917	19870	3.36
Kimball	3785	2260	0.60	--	No record	--
Last Chance	330	1020	3.09	330	1210	3.97

SUMMARY
ANNUAL DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Water Year Ending September 30, 1971			Water Year Ending September 30, 1972		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
Lichte	683	480	0.70	518	370	0.71
Lisco	3868	7910	2.04	3758	7110	1.89
McGinley-Stover	695	890	1.28	695	760	1.09
McLaughlin	500	550	1.10	500	930	1.86
Meeker-Driftwood	17559	41680	2.37	17659	37530	2.13
Meredith-Ammer	460	890	1.93	452	940	2.08
✓Middle Loup PPID No. 1	3770	6990	1.85	3770	6330	1.68
✓Middle Loup PPID No. 2	6377	6940	1.09	6504	5940	0.91
✓Middle Loup PPID No. 3	11998	12590	1.05	11998	11300	0.97
✓Middle Loup PPID No. 4	11322	13090	1.16	11269	12670	1.12
Midland-Overland	2258	1800	0.80	2258	1940	0.86
Minatare	9372	14340	1.58	9372	18050	1.92
Mirage Flats	11669	14840	1.27	11669	16350	1.40
Mitchell	13633	21290	1.56	13633	21620	1.59
Moore-Kay	400	530	1.32	400	880	2.20
Naponee	1754	4150	2.37	1754	2820	1.61
Nine Mile	6049	17540	2.90	5869	17470	2.98
✓No. Loup PPID Taylor-Ord	15148	32800	2.17	15160	25310	1.67
✓No. Loup PPID Burwell-Sumter	8332	16600	1.99	8438	15070	1.79
✓No. Loup PPID Ord-North Loup	6719	13590	2.02	6770	10620	1.57
North Platte	14065	51010	3.63	14063	56180	3.99
Northport	16109	78740	4.89	16109	79300	4.92
Orchard-Alfalfa	5915	10450	1.77	5915	10020	1.69
Owasco	771	650	0.84	---	No record	---
Oshkosh	0	0	0.00	0	0	0.00
Paisley	1086	3060	2.82	1086	3720	3.43
Paxton-Hershey	7323	17190	2.35	7323	21500	2.94
Pioneer	366	460	0.53	749	560	0.75
Potmesil	618	510	0.83	618	570	0.92
Ramshorn	1652	1000	0.61	1356	860	0.63
Red Willow	5390	9370	1.74	5390	10220	1.90
Sargent	13588	27810	2.05	13891	25390	1.83
Sheridan-Wilson	918	1250	1.36	918	2440	2.66
Short Line	3020	5250	1.74	2786	6970	2.50
Six Mile	1173	3730	3.18	1173	2230	1.90
Suburban	5568	24780	4.45	5470	21700	3.97

SUMMARY
ANNUAL DIVERSIONS AND ACREAGE IRRIGATED BY MAJOR CANALS

	Water Year Ending September 30, 1971			Water Year Ending September 30, 1972		
	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre	Acreage *Irrigated	Acre-feet Total	Diverted Per Acre
Superior	5864	16430	2.80	5864	12770	2.18
Thirty Mile	14126	40980	2.90	23462	42020	1.79
*Tri-County	126881	347820	2.74	126880	251520	1.98
Tri-State	62788	205720	3.28	62788	169020	2.69
Union	1226	2220	1.81	1306	2460	1.88
Western	14655	14660	1.00	12572	13410	1.07
Winter Creek	5748	11200	1.95	5748	13050	2.27

*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, 1971

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey to Whalen	17840	0	0	0	0	0	25730	32930	73980	209400	217290	150940	728110
Whalen to State Line	0	0	0	0	0	0	0	5070	15490	32490	32400	18060	103510
State Line to Mitchell	580	0	0	0	0	0	1450	28860	42630	90100	93010	54250	310880
Mitchell to Minatare	1390	0	0	0	0	0	0	2100	6040	14950	16910	8210	49600
Minatare to Bridgeport	2710	0	0	0	0	0	1310	8420	12260	24720	23530	45790	88740
Bridgeport to Lisco	1120	0	0	0	0	0	90	3330	5930	7510	9600	3790	31370
Lisco to Keystone	5400	0	0	0	0	0	140	160	1500	9770	7800	8670	33440
Keystone to North Platte	4170	0	0	0	0	0	3140	9190	15420	35740	37200	17400	122260
North Platte to Odessa	1710	750	20	0	0	0	4740	38790	95240	189100	167230	53580	551160
Total, Guernsey-Odessa	34920	750	20	0	0	0	36600	128850	268490	613780	604970	330690	2019070

For the Water Year Ending September 30, 1972

Guernsey to Whalen	15790	0	0	0	0	0	34940	94030	118070	209430	207920	144200	824380
Whalen to State Line	0	0	0	0	0	0	0	11760	21440	32420	28650	19350	113620
State Line to Mitchell	0	0	0	0	0	0	910	20540	43770	85230	79170	43370	272990
Mitchell to Minatare	1980	0	0	0	0	0	160	3630	10070	14770	14760	10520	55890
Minatare to Bridgeport	1660	0	0	0	0	140	4380	13930	19200	21390	21070	15880	97650
Bridgeport to Lisco	900	0	0	0	0	0	260	2470	3430	7670	8930	4530	28190
Lisco to Keystone	3950	0	0	0	0	0	190	3170	5610	6280	7480	6620	33300
Keystone to North Platte	5030	490	0	0	0	0	5940	17420	24580	32090	31140	19770	136460
North Platte to Odessa	1300	0	0	0	0	0	11680	40800	74130	177680	123050	32450	461090
Total, Guernsey-Odessa	30610	490	0	0	0	140	58460	207750	320300	586960	522170	296690	2023570

DIVERSIONS FROM DRAINS BETWEEN
WYOMING - NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1971

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:								
Akers Draw.....	0	0	400	490	800	720	560	2970
Sheep Creek.....	0	0	0	480	4730	5720	5150	16080
Dry Spottedtail Creek..	0	0	0	0	0	340	0	340
Wet Spottedtail Creek..	0	0	590	720	1050	1190	1950	5500
Tub Springs.....	0	0	0	120	2300	2560	1120	6100
Enterprise Canal from:								
Dry Spottedtail Creek..	0	0	0	0	0	0	0	0
Morrill Drain.....	0	0	60	60	150	190	190	650
Winter Creek.....	0	0	0	10	120	120	60	310
Tub Springs.....	0	0	0	0	0	0	0	0
Winter Creek Canal from:								
Winter Creek.....	20	0	0	510	2700	3080	1720	8030
Alliance Canal from:								
Bayard Drain.....	0	670	1350	740	2000	1240	910	6910
Red Willow Creek.....	440	640	300	1600	3310	3530	1810	11630
Total.....	460	1310	2700	4730	17160	18690	13470	58520

DIVERSIONS FROM DRAINS BETWEEN
WYOMING - NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1972

	Oct.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:									
Akers Draw.....	0	0	0	400	590	820	690	610	3110
Sheep Creek.....	0	0	0	1810	4040	5320	6080	5200	22450
Dry Spottedtail Creek..	0	0	0	0	50	1140	830	890	2910
Wet Spottedtail Creek..	0	0	0	560	980	1280	1420	1920	6160
Tub Springs.....	0	0	0	520	1360	2530	2170	1270	7850
Enterprise Canal from:									
Dry Spottedtail Creek..	0	0	0	0	0	0	0	0	0
Morrill Drain.....	0	0	0	50	80	210	180	210	730
Winter Creek.....	0	0	0	10	0	70	90	0	170
Tub Springs.....	0	0	0	0	0	0	0	0	0
Winter Creek Canal from:									
Winter Creek.....	0	0	0	500	1350	2360	2640	2560	9410
Alliance Canal from:									
Bayard Drain.....	0	140	1480	1450	1910	1670	510	810	7970
Red Willow Creek.....	30	0	460	1320	1420	2580	3110	1980	10900
Total.....	30	140	1940	6620	11780	17980	17720	15450	71660

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1971

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	330	200	130	60	60	110	160	260	2420	2780	1050	3140	10700
Bayard Sugar Factory Drain	2160	1740	1500	1650	1260	1320	230	840	1810	1320	1420	2050	17300
✓Cleveland Drain	350	80	60	60	60	110	120	590	930	660	500	630	4150
*DeGraw Drain	490	300	230	180	190	250	290	230	200	660	510	470	4000
✓Dugout Creek, Upper	930	640	520	330	250	190	90	1620	2270	2120	1630	2780	13370
*Fairfield Seep	220	130	70	0	50	60	170	930	870	340	450	160	3450
*Fanning Seep	60	60	10	0	60	30	730	1300	700	200	100	120	3370
Gering Drain	2820	2130	1830	1710	1470	1790	1670	1920	9500	11930	6320	11330	54420
Horse Creek	5470	2530	1780	1560	1410	1360	1520	7460	20920	9650	4840	19850	78350
✓Indian Creek	1060	610	490	340	330	310	270	630	1180	1810	1520	2100	10650
*Lane Drain	220	90	150	70	60	110	120	100	120	180	220	250	1690
✓Melbeta Drain	180	120	120	120	110	170	140	250	440	990	520	1150	4310
Nine Mile Drain	10130	7260	6360	5150	4300	4950	4280	9510	8090	10630	12860	15050	98570
Red Willow Drain	1000	1310	1310	1200	1250	1340	1130	1890	920	940	200	1960	14450
*Scottsbluff Drain No. 1	350	240	230	140	110	70	60	40	60	520	540	550	2910
*Scottsbluff Drain No. 2	300	80	60	0	40	60	60	90	140	380	1060	920	3190
Sheep Creek	7480	6230	5760	5380	4470	4690	4600	2800	2280	300	410	2160	46560
Spotted Tail Creek, Dry	2340	1440	1010	1050	1610	1920	3480	3560	3180	4630	4380	5570	34170
*Spotted Tail Creek, Wet	270	600	590	550	440	500	540	940	950	950	970	980	8280
Tub Springs	3950	2920	2490	2150	1810	1900	1660	4210	3100	2760	2060	3590	32600
Winter Creek	5080	3600	2990	2650	2620	3010	2760	4630	4810	2950	3150	6360	44610
Totals	45190	32310	27690	24350	21960	24250	24080	43800	64890	56700	44710	81170	491100

*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 Water Year Ending September 30, 1972

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	380	180	150	120	120	170	160	1740	1900	1850	1910	1770	10450
Bayard Sugar Factory Drain	1820	1670	1400	1260	1350	950	270	420	480	1190	2490	2120	15420
✓Cleveland Drain	250	100	60	60	60	110	280	340	840	780	1050	1490	5420
*DeGraw Drain	430	360	250	310	260	310	460	190	210	210	730	490	4210
✓Dugout Creek, Upper	650	540	420	330	250	200	170	910	2570	1880	1450	2010	11380
*Fairfield Seep	110	120	90	60	60	60	60	70	130	230	260	170	1420
*Fanning Seep	120	60	60	20	0	50	60	10	0	0	0	30	410
Gering Drain	2640	2180	2110	1900	1570	1700	1630	4500	10390	7280	5830	10030	51760
Horse Creek	4940	2600	1870	1300	1500	1570	1770	7380	12560	6220	9680	17430	68620
✓Indian Creek	700	500	410	370	310	260	330	1220	1430	1680	2040	2110	11360
*Lane Drain	260	150	90	100	70	60	60	80	100	70	120	120	1280
✓Melbeta Drain	120	120	120	120	160	130	120	280	1020	730	780	1370	5070
Nine Mile Drain	8950	6790	6090	5400	4290	4400	4320	8090	10060	11430	13750	13040	96610
Red Willow Drain	7500	5330	4650	4250	3740	4100	3470	8590	9910	6750	6520	10070	74880
*Scottsbluff Drain No. 1	290	150	120	80	60	110	160	100	210	270	250	370	2170
*Scottsbluff Drain No. 2	310	170	90	60	60	60	60	70	130	240	280	490	2020
Sheep Creek	7650	6130	5740	5420	4670	4740	4450	2450	370	370	710	2250	44950
Spotted Tail Creek, Dry	3280	2870	1330	990	1250	1230	1310	2100	2640	3970	3570	3540	28080
*Spotted Tail Creek, Wet	700	750	720	720	600	620	870	970	860	950	760	910	9430
Tub Springs	3830	3110	2540	2260	1860	1820	2310	2720	2390	2670	3140	3530	32180
Winter Creek	4210	3130	2770	2360	2250	2760	2490	3700	3500	5640	4420	4550	41780
Totals	49140	37010	31080	27490	24490	25210	24810	45930	61700	54410	59740	77890	518900

*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

