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NEBR. SOIL AND WATER  
CONSERVATION COMMISSION  
STATE CAPITOL BUILDING  
LINCOLN 9, NEBRASKA

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STATE OF NEBRASKA

DEPARTMENT OF WATER RESOURCES

HYDROGRAPHIC REPORT

1955 — 1960

STATE SOIL AND WATER  
CONSERVATION COMMISSION  
Box 94725, State House Sta.  
Lincoln, Nebraska 68509

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SOIL AND WATER  
CONSERVATION COMMISSION  
Box 94725, State House Sta.  
Lincoln, Nebraska 68509



State of Nebraska

LINCOLN 9

IN REPLY REFER TO

November 30, 1962

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

Dear Governor Morrison:

I have the honor to transmit to you herewith a hydrographic report for the waters years 1955 to 1960, inclusive.

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 It also contains heretofore unpublished discharge records of certain natural streams in Nebraska.

Respectfully submitted,

A handwritten signature in cursive script that reads "Dan S. Jones, Jr." The signature is written in dark ink and is positioned above the printed name and title.

Dan S. Jones, Jr.  
Director of Water Resources

STATE OF NEBRASKA  
DEPARTMENT OF WATER RESOURCES

CANAL DIVERSIONS  
AND  
MISCELLANEOUS STREAM DISCHARGE RECORDS  
1955 - 1960

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

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## DAILY DIVERSIONS OF NEBRASKA CANALS 1955-1960

### INTRODUCTION

This Hydrographic Report covers the water years from 1955 to 1960, inclusive, and is published to meet the many requests to bring up-to-date the published records of diversions from streams, and other water records which prior to 1955 were published in the Biennial Reports of the Department of Roads and Irrigation, now the Department of Water Resources.

Discharge records for this period of streams at gaging stations maintained and operated in Nebraska by the Department of Water Resources in cooperation with the Surface Water Branch of the U. S. Geological Survey, and under other cooperative programs of the Geological Survey, are published annually by that agency in Water Supply Papers, Missouri River Basin, Parts 6-A and 6-B. Copies of these Water Supply Papers may be obtained from the District Engineer, U. S. Geological Survey, Room 132 Nebraska Hall, University of Nebraska, or from the Department of Water Resources.

Several stream gaging stations maintained by the Department of Water Resources during the May-September period each year for administrative purposes are not included in the cooperative program. The records for such stations are included in this publication.

The Department of Water Resources makes numerous miscellaneous discharge measurements of streams and canals throughout the State. The results of such measurements are permanently recorded in the office of the Department but the same have not been published during recent years. Copies of such data may be obtained from the Department upon request.

Beginning with the 1961 Water Year, the U. S. Geological Survey is publishing stream flow records on a State-Boundary basis. Copies of Nebraska Surface Water Records, exclusive of canal records, may be obtained by addressing the District Engineer, U. S. Geological Survey, at the address given above.

It is the intention of this Department to publish the canal records for the 1961 and 1962 Water Years as soon as the last year's records are finally computed early in 1963.

## EXPLANATION OF DATA

The diversions from canals are measured through rating flumes located as near as possible to the headgate of the canal on the bank of the stream from which the water is diverted. The legal description of the land on which the rating flume is situated is given in the heading of each record by section, township and range.

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

DAILY DISCHARGE OF RIVERS AND STREAMS  
NOT PUBLISHED BY U. S. GEOLOGICAL SURVEY  
1955

KORTES RESERVOIR STORAGE IN ACRE-FEET  
Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4560	4430	4190	4580	4480	4280	4620	4520	4710	4520	4640	4500
2	4580	4410	4180	4500	4580	4410	4560	4510	4690	4640	4580	4500
3	4580	4390	4340	4510	4430	4460	4640	4600	4590	4620	4500	4500
4	4610	4340	4270	4460	4560	4450	4600	4620	4580	4620	4580	4500
5	4390	4470	4270	4670	4570	4460	4520	4670	4680	4620	4660	4500
6	4600	4410	4410	4500	4340	4460	4520	4530	4560	4690	4660	4500
7	4600	4250	4350	4600	4670	4560	4580	4690	4560	4630	4660	4220
8	4580	4310	4320	4490	4530	4490	4430	4470	4640	4670	4660	4270
9	4580	4430	4420	4490	4480	4580	4480	4580	4710	4660	4600	4270
10	4580	4220	4350	4520	4630	4560	4560	4670	4680	4660	4600	4270
11	4580	4220	4330	4500	4580	4400	4580	4500	4650	4500	4580	4270
12	4520	4110	4330	4540	4540	4260	4660	4450	4580	4630	4640	4270
13	4640	4030	4560	4500	4480	4260	4510	4500	4580	4630	4640	4270
14	4550	4030	4540	4410	4560	4580	4560	4580	4620	4500	4640	4270
15	4590	4270	4620	4490	4480	4470	4140	4690	4610	4650	4650	4270
16	4590	4350	4530	4490	4560	4290	4140	4520	4620	4600	4590	4270
17	4590	4430	4510	4560	4450	4520	4520	4660	4710	4460	4550	4660
18	4340	4280	4540	4520	4620	4480	4690	4640	4580	4650	4610	4660
19	4295	4320	4520	4520	4400	4600	4490	4670	4580	4520	4520	4600
20	4280	4310	4580	4540	4570	4580	4450	4670	4660	4580	4510	4580
21	4320	4310	4440	4530	4490	4540	4690	4660	4600	4520	4510	4440
22	4320	4350	4360	4530	4530	4600	4610	4550	4550	4660	4580	4610
23	4370	4290	4520	4680	4550	4530	4540	4660	4670	4660	4480	4540
24	4370	4260	4530	4680	4590	4530	4550	4600	4670	4660	4560	4480
25	4500	4370	4540	4520	4550	4520	4520	4580	4670	4540	4560	4490
26	4500	4340	4520	4500	4530	4440	4490	4650	4640	4480	4500	4470
27	4340	4250	4540	4580	4530	4580	4580	4670	4700	4480	4500	4610
28	4340	4180	4500	4520	4470	4530	4600	4680	4730	4670	4500	4570
29	4420	4310	4520	4540	----	4585	4420	4490	4690	4570	4500	4580
30	4440	4230	4500	4540	----	4660	4440	4680	4710	4610	4500	4600
31	4450	----	4440	4500	----	4560	----	4680	----	4570	4500	----

DISCHARGE IN SECOND-FEET OF  
NORTH PLATTE RIVER BELOW TRI-STATE DAM  
Water Year Ending Sept. 30, 1955

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	1	244	8	6	325	4	2
2	1	233	8	31	174	3	3
3	1	248	7	31	52	3	3
4	1	252	8	6	45	5	2
5	1	237	7	6	70	8	2
6	1	229	7	6	83	11	2
7	1	153	7	6	22	13	2
8	1	52	8	6	8	18	2
9	23	38	7	5	8	20	2
10	51	34	7	6	7	24	2
11	66	30	7	6	7	23	2
12	80	38	7	6	6	9	2
13	100	34	7	6	5	4	3
14	103	18	7	6	4	6	3
15	101	18	7	6	4	6	2
16	101	18	42	6	4	5	2
17	101	32	229	6	4	4	2
18	101	30	25	17	4	4	1
19	105	30	9	24	11	4	1
20	103	31	8	11	8	3	2
21	103	34	7	7	11	4	1
22	100	32	7	7	16	6	1
23	105	30	6	6	26	18	1
24	118	28	6	6	37	23	1
25	111	29	6	6	24	22	1
26	116	10	584	27	37	20	1
27	124	6	437	6080	40	8	1
28	124	6	86	2310	112	3	1
29	124	7	15	923	6	3	117
30	124	8	8	580	4	4	189
31	118	-	7	----	4	2	----
Mean	75	73	51	336	36	9	12
Max.	124	252	456	7100	325	24	189
Min.	1	6	6	6	4	2	1
A.F.	4580	4340	3160	20140	2320	580	710
Total acre-feet for 7 month period 35830							



KINGSLEY RESERVOIR STORAGE IN ACRES-FOOT  
Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1043900	1071500	1073200	1100500	1125200	1155000	1196300	1234600	1189300	1170300	1000100	832100
2	1033700	1071500	1075000	1100500	1127500	1157300	1119200	1234600	1189300	1182700	991700	928300
3	1033700	1073300	1075000	1100500	1127500	1157300	1119200	1234600	1192100	1187400	985400	924500
4	1035700	1075000	1075000	1105000	1129800	1151900	1201500	1234600	1192100	1187400	977100	920500
5	1033700	1073200	1075000	1107200	1132000	1164200	1203800	1232200	1192100	1187400	968700	814900
6	1033700	1080400	1078200	1107200	1132000	1166500	1203300	1229800	1192100	1185000	962400	811000
7	1033700	1082500	1080400	1107200	1134300	1168800	1206200	1227400	1192100	1182700	954100	807200
8	1033700	1084800	1082600	1107200	1134300	1171100	1206200	1225000	1192100	1178000	942000	803300
9	1043900	1087000	1082600	1107200	1136600	1173400	1208500	1220300	1192100	1177400	943800	797600
10	1043900	1089200	1082600	1107200	1136600	1175700	1208500	1215600	1192100	1166500	939800	795900
11	1043900	1089200	1084800	1107200	1138900	1178000	1210900	1210900	1189300	1159600	933600	790100
12	1043900	1089200	1084300	1107200	1138900	1180300	1210900	1206200	1189300	1150400	927400	786300
13	1043900	1089200	1084300	1107200	1138900	1180300	1213200	1201500	1189300	1143500	921300	782600
14	1043900	1089200	1084800	1109500	1141200	1180300	1215600	1194400	1187400	1136500	917200	778800
15	1043900	1087000	1087000	1109500	1141200	1182700	1218000	1189300	1189300	1127500	911200	775100
16	1043900	1087000	1087000	1109500	1143500	1185000	1220300	1185000	1189300	1120300	905200	771300
17	1045200	1087000	1087000	1111800	1145800	1185000	1222600	1185000	1189300	1118800	899200	767500
18	1047400	1087000	1089200	1111800	1148100	1187400	1222600	1182700	1192100	1105000	893200	763800
19	1049600	1084800	1089200	1111800	1148100	1187400	1225000	1180300	1192100	1095000	887200	760100
20	1051300	1084800	1091500	1111800	1148100	1187400	1225000	1180300	1192100	1089000	882000	756400
21	1051300	1084800	1091500	1114000	1148100	1187400	1227400	1180300	1192100	1084000	877200	752700
22	1054300	1082500	1091500	1114000	1148100	1189800	1229800	1180300	1192100	1073800	873300	749100
23	1054300	1082500	1093800	1115200	1148100	1189800	1232200	1180300	1189300	1065000	867400	745400
24	1056200	1082500	1096000	1116200	1148100	1192100	1232200	1178000	1187400	1053400	863400	743600
25	1058400	1080400	1095000	1116200	1150400	1192100	1232200	1175700	1185000	1051800	857600	743600
26	1060600	1080400	1098200	1118500	1150400	1192100	1232200	1178000	1182700	1043000	853600	741700
27	1060600	1080400	1098200	1118500	1152700	1192100	1232200	1180300	1180300	1036600	851700	739900
28	1062800	1078200	1098200	1120800	1152700	1192100	1232200	1182700	1178000	1028000	847700	738000
29	1065000	1078200	1100500	1120800	-----	1192100	1234600	1185000	1178000	1021600	843800	738000
30	1067200	1078200	1100500	1123000	-----	1194400	1234600	1185000	1178000	1015100	839900	736200
31	1069400	-----	1100500	1125200	-----	1196800	-----	1187400	-----	1006500	836000	-----

SUTHERLAND RESERVOIR SYSTEM  
Combined Storage in Sutherland and Regulator Reservoirs  
Live Storage for Power in Acres-foot--Township 13 N., Ranges 30 and 33 W.  
Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	60172	28341	51640	56964	52756	47806	61427	44134	56890	61797	42556	27666
2	58944	27319	52568	57167	52719	48311	61635	42732	57181	61371	41712	27254
3	57998	26527	53031	57367	52882	49153	61181	41337	56526	61460	40653	27728
4	57192	25863	53820	57573	52490	50138	60023	41212	56189	60914	39881	26251
5	55648	24232	53956	57516	52468	50601	39500	40995	56726	59398	39399	24991
6	54626	23755	54321	57487	52076	51338	59240	40320	56698	56786	39013	24225
7	53559	22513	54513	57630	51853	52674	58238	40813	56475	55322	38821	23809
8	52713	21912	54529	57544	51847	54060	57002	41034	56057	53824	38900	23435
9	51759	21329	54105	57602	51455	55287	56661	40062	54884	53633	39905	23337
10	50723	21692	54241	57516	50376	56485	56741	40049	55224	52882	40236	23711
11	49844	22262	54094	57427	50491	56368	55682	39741	54145	52521	40080	24032
12	48834	22534	54372	57312	50237	57484	56423	40737	53729	52205	39351	23845
13	47679	24455	54313	56511	49912	57853	57653	40775	52960	51660	37415	23879
14	46567	25697	54542	56683	50327	58137	57282	41458	51346	51277	36801	23777
15	44819	28088	54402	56683	50409	58570	57050	41319	50773	50787	35587	23997
16	43556	30143	54718	56458	50300	59116	57312	41747	50255	49838	34607	23963
17	42580	32151	54864	56515	50942	59492	56625	43713	52197	49723	33832	24621
18	41279	33644	54752	55633	51530	59921	56420	47747	52251	49368	32336	24918
19	40062	34988	54978	55376	50473	60133	54992	49986	52170	49122	31506	25416
20	39134	36501	55152	54576	50560	60012	53822	51423	52524	49214	30832	26368
21	37934	38294	55352	54880	48549	60338	53048	51653	52933	48445	30202	26955
22	37061	38821	55891	54736	47872	59729	51728	52211	53337	48267	29713	27984
23	36054	41520	56458	54541	47353	59550	52032	52093	54322	47875	29505	28454
24	35090	43458	57136	53700	47562	59669	51905	51172	54787	48161	29047	29434
25	34229	44962	57308	53574	47476	58956	50847	52938	55113	47176	28968	30405
26	33477	44927	57856	53329	47212	58585	49795	54228	56046	46896	29224	32685
27	32695	47202	58577	53149	46396	58926	48037	55536	57921	46336	29487	34253
28	32200	48401	58342	53039	47122	59610	46832	55421	60375	45994	28961	36062
29	31248	49381	57737	53132	-----	60031	46215	56136	61160	44968	28755	37733
30	30360	51077	57482	53078	-----	60576	45816	56506	61491	43907	28717	39576
31	29472	-----	57081	52887	-----	60725	-----	56683	-----	43279	28229	-----

DISCHARGE IN SECOND- FEET AT THE CONFLUENCE OF NORTH AND  
SOUTH PLATTE RIVERS NEAR NORTH PLATTE  
Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1500	1015	1073	1079	1236	1166	1114	1229	956	1109	3430	1699
2	1320	828	1138	1067	1218	1326	1003	1344	975	1123	3411	1778
3	1202	962	1079	1141	1120	1352	902	1371	1007	1051	3374	1786
4	1385	946	1008	1079	909	1366	1041	1312	1023	1117	3371	1640
5	1421	946	938	945	1026	1115	1009	1240	902	1318	3437	1726
6	1309	981	1104	882	1090	1048	1057	1291	1040	1603	3468	1853
7	1372	897	1048	962	1180	1274	1069	1262	1125	1789	3282	1889
8	1366	979	1164	1038	1135	1253	1036	1353	1190	2052	3299	1867
9	1262	976	1116	991	1255	1015	1174	1578	1263	2464	3560	1890
10	1155	989	1096	1070	1213	1034	990	1670	1333	2630	3399	1643
11	1262	930	1132	1098	976	1059	1200	1705	1581	2997	3102	1527
12	1208	926	1119	1077	1106	992	1278	2154	855	3101	2916	1717
13	1250	969	1134	1114	1142	958	1195	2044	1486	3191	3085	1744
14	1301	947	1115	1116	1290	1052	1106	2084	1540	3278	3054	1709
15	1187	1028	1120	1156	1245	986	1036	2132	1619	3482	3023	1651
16	1198	960	1168	1042	1262	1041	909	2170	1627	3531	3003	1563
17	1066	986	1112	1167	1141	1010	860	2339	1438	3655	2875	1414
18	1190	1078	1129	1191	1039	989	1112	2454	1194	3513	2689	1477
19	1244	1062	1060	1195	812	1077	1110	2256	996	3449	2710	1662
20	1212	1090	1106	1145	963	1034	1073	1665	1287	3374	2695	1458
21	1145	1002	1054	1105	844	1138	1100	1442	1060	3306	2500	1474
22	1180	1115	948	1148	1003	1371	1222	1255	1012	3280	2196	1505
23	1161	1078	902	1098	1068	1302	682	1409	1079	3319	2180	1533
24	1094	1080	878	1212	1143	1209	748	1293	1183	3334	2141	1844
25	1257	978	839	1287	1154	1128	1316	1420	1308	3210	2052	1697
26	1048	1066	881	1307	1101	979	1375	1674	1153	3305	2005	1474
27	879	1060	1045	1232	1068	1049	1361	1514	1484	3448	2009	1272
28	957	1062	1092	1245	1111	1504	1322	1079	1582	3465	1720	1214
29	988	982	1065	1241	---	---	1236	1263	950	1474	3526	1752
30	961	1130	1093	1223	---	---	1096	1289	1094	1179	3534	1790
31	936	---	1132	1210	---	---	1081	---	1119	---	3493	1733
Mean	1194	1002	1061	1125	1102	1137	1098	1577	1232	2808	2750	1591
Max.	1500	1130	1168	1307	1290	1504	1375	2454	1627	3655	3560	1890
Min.	879	828	839	882	812	958	682	950	855	1051	1720	988
A.F.	73420	59600	65230	69150	61190	69900	65360	97000	73290	172660	169110	94700

Total acre-feet 1070610 A.F.

DISCHARGE IN SECOND- FEET OF BUFFALO CREEK  
Sec. 33-9-18 W.—Water Year Ending September 30, 1955

Day	May	June	July	Aug.	Sept.
1	0	17	29	0	0
2	0	13	41	0	0
3	0	9	37	0	0
4	0	5	23	0	0
5	0	6	16	0	0
6	0	2	12	0	0
7	0	0	9	0	0
8	0	0	2	0	0
9	0	0	0	0	0
10	0	16	0	0	0
11	0	19	0	0	0
12	0	14	0	0	0
13	2	34	0	0	0
14	0	30	5	0	0
15	0	31	0	0	0
16	0	17	0	0	0
17	0	37	0	0	0
18	0	60	2	0	0
19	11	41	0	0	0
20	4	22	0	0	0
21	9	13	0	0	0
22	21	11	0	0	0
23	16	9	0	0	0
24	12	6	0	0	0
25	17	3	0	0	0
26	14	2	0	0	0
27	11	1	0	0	0
28	16	2	0	0	0
29	27	0	0	0	0
30	29	19	0	0	0
31	27	---	0	0	0
Mean	7	15	6	0	0
Max.	29	60	41	0	0
Min.	0	0	0	0	0
A.F.	420	870	350	0	0

DISCHARGE IN SECOND- FEET OF CEDAR CREEK  
NEAR BROADWATER—Sec. 11-18-48 W.  
Water Year Ending Sept. 30, 1955

Day	May	June	July	Aug.	Sept.
1	24	9	5	5	5
2	22	7	7	5	4
3	24	7	6	5	4
4	24	10	5	6	17
5	27	14	5	9	14
6	27	18	5	8	11
7	15	17	4	9	7
8	15	16	4	11	7
9	13	15	4	10	7
10	13	14	3	8	12
11	30	17	5	7	11
12	24	17	4	7	20
13	24	18	4	5	22
14	4	19	4	4	19
15	4	26	3	4	21
16	4	31	6	2	18
17	5	14	5	2	19
18	18	27	6	5	20
19	15	25	5	5	21
20	15	24	5	5	30
21	4	30	5	5	41
22	3	24	6	5	31
23	4	22	6	3	18
24	5	16	6	5	17
25	10	11	12	2	24
26	11	8	11	3	31
27	15	25	10	5	31
28	9	28	9	5	29
29	8	12	3	5	28
30	8	5	3	5	27
31	9	---	3	5	---
Mean	11	18	5	5	19
Max.	30	31	12	11	41
Min.	3	5	3	2	4
A.F.	860	1040	340	340	1120

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN  
 Sec. 6-20-52 W.  
 Water Year Ending Sept. 30, 1955

Day	May	June	July	Aug.	Sept.
1	4	4	14	4	8
2	2	3	6	5	8
3	2	8	5	4	6
4	2	8	6	5	7
5	2	14	7	9	7
6	2	9	12	14	10
7	1	9	12	18	8
8	1	8	12	19	10
9	1	10	13	17	9
10	1	10	8	19	11
11	0	9	5	17	15
12	0	10	7	17	17
13	0	10	6	12	14
14	0	10	5	11	14
15	0	13	10	9	14
16	0	14	12	6	13
17	6	15	8	5	13
18	1	7	8	5	13
19	2	4	2	6	13
20	2	3	0	6	22
21	1	10	0	6	13
22	15	13	5	9	13
23	18	17	3	7	13
24	41	14	1	6	12
25	34	12	4	5	13
26	60	13	4	6	16
27	47	13	8	3	12
28	16	3	9	4	11
29	12	6	8	7	9
30	11	2	6	7	9
31	9	-	4	7	-
Mean	10	9	7	9	12
Max.	60	17	14	19	22
Min.	0	2	0	3	6
A.F.	590	560	430	550	700

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO  
 Sec. 34-18-46 W.  
 Water Year Ending Sept. 30, 1955

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

CRESCENT LAKE STORAGE IN ACRE-FEET  
 At head of Blue Creek--Sec. 21-20-44 W.  
 Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept
1	---	---	---	---	710	---	---	---	---	1550	740	---
2	---	---	---	---	---	---	---	---	1410	---	710	---
3	---	---	---	960	---	---	1600	---	---	---	---	---
4	800	---	---	950	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	1420	---	---
8	---	---	---	---	---	---	---	---	1520	---	---	---
9	---	---	---	---	---	---	---	---	1150	---	650	---
10	---	---	---	1000	---	---	---	---	---	1420	---	---
11	---	---	---	---	---	---	1510	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	1210	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	1460	---	---	---	1150	---	---
16	---	---	---	---	---	---	---	1040	---	1620	610	---
17	---	---	860	990	---	---	---	---	1050	---	---	---
18	750	---	---	---	---	---	1600	---	---	---	---	---
19	---	700	---	---	---	---	---	---	---	1080	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	840	---	---	1460	---	---	1620	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	990	---	---	---	---	---	900	610	---
24	---	---	---	---	---	---	---	1150	---	---	---	---
25	---	---	---	---	---	---	1580	---	1240	---	---	---
26	---	---	---	---	---	---	---	---	---	840	---	---
27	---	---	880	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	1550	1480	---	---	800	450	---
30	---	---	---	950	---	---	---	---	1670	---	---	400
31	---	---	---	---	---	---	---	---	---	---	---	---

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY DRAIN NO. 2  
Sec. 25-10-23 W.—Water Year Ending September 30, 1955

Day	May	June	July	Aug.	Sept.
1	0	3	4	5	2
2	0	3	4	4	2
3	0	3	4	4	3
4	0	3	3	5	2
5	0	3	3	4	3
6	0	3	3	5	3
7	0	3	3	4	3
8	0	3	3	4	2
9	0	4	3	6	1
10	0	4	3	5	1
11	1	4	3	6	2
12	1	3	3	7	3
13	1	3	6	7	1
14	1	4	3	6	1
15	1	4	2	6	1
16	1	5	2	6	1
17	1	5	3	5	1
18	2	4	2	5	2
19	2	4	10	4	2
20	1	4	7	4	3
21	1	4	6	4	2
22	2	4	5	5	2
23	2	4	5	5	2
24	2	4	5	5	2
25	2	4	6	4	2
26	3	4	4	4	2
27	2	4	6	4	2
28	2	5	6	4	2
29	3	5	7	4	2
30	3	5	6	4	2
31	3	—	7	3	—
Mean	1	4	4	5	2
Max.	3	5	10	7	3
Min.	0	3	2	3	1
A.F.	70	230	270	290	120

DISCHARGE IN SECOND-FEET OF  
DUGOUT CREEK, UPPER, YEAR  
NORTHPORT—Sec. 20-20-50 W.  
Water Year Ending Sept. 30, 1955

Day	May	June	July	Aug.	Sept.
1	2	6	14	3	9
2	1	6	4	2	5
3	2	1	2	2	4
4	2	2	13	2	2
5	2	1	12	45	4
6	2	13	4	3	2
7	2	16	4	3	1
8	2	12	4	1	8
9	2	7	4	16	4
10	2	4	18	5	4
11	2	15	16	3	1
12	2	15	5	3	1
13	1	13	8	1	1
14	1	7	3	1	0
15	1	11	3	2	1
16	1	11	5	3	0
17	3	14	6	2	1
18	93	6	3	3	1
19	15	21	4	6	0
20	27	15	2	6	0
21	29	25	2	4	57
22	7	40	4	4	28
23	21	31	6	4	22
24	9	24	5	4	18
25	4	1	5	3	4
26	6	0	5	3	66
27	3	3	4	4	28
28	10	2	7	4	8
29	6	5	7	3	4
30	41	1	3	6	7
31	7	—	3	6	—
Mean	10	11	6	5	10
Max.	41	40	18	45	66
Min.	1	1	2	1	0
A.F.	610	650	370	310	580

DISCHARGE IN SECOND-FEET OF ELM CREEK  
Sec. 33-9-18 W.—Water Year Ending September 30, 1955

Day	May	June	July	Aug.	Sept.
1	0	4	8	0	0
2	0	4	4	0	0
3	0	2	4	0	0
4	0	3	2	1	0
5	0	5	1	1	0
6	0	4	0	1	0
7	0	2	0	1	0
8	0	2	1	1	0
9	6	18	1	1	0
10	4	22	0	1	0
11	4	10	0	0	0
12	4	3	0	0	0
13	2	2	0	0	0
14	3	1	7	0	0
15	0	2	3	0	0
16	1	249	1	1	0
17	7	96	1	0	0
18	42	90	1	0	0
19	32	19	1	0	0
20	25	17	0	0	0
21	20	5	0	0	0
22	15	10	4	0	0
23	8	5	0	0	0
24	17	11	0	0	0
25	4	5	0	0	0
26	1	5	0	0	18
27	14	4	1	0	15
28	23	54	0	0	1
29	14	14	0	0	3
30	17	14	0	0	3
31	4	—	0	0	—
Mean	9	23	1	0	1
Max.	42	249	8	1	18
Min.	0	1	0	0	0
A.F.	530	1350	80	20	80

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH INTO  
SUTHERLAND POWER RETURN—Sec. 16-13-30 W.  
Water Year Ending September 30, 1955

Day	May	June	July	Aug.	Sept.
1	21	29	28	9	5
2	21	29	26	8	4
3	22	29	23	9	6
4	21	29	22	9	9
5	24	31	21	11	9
6	23	30	20	11	9
7	22	29	18	11	9
8	21	29	18	11	8
9	22	27	16	15	8
10	21	31	17	13	9
11	21	31	16	13	10
12	20	30	15	13	10
13	21	29	16	14	10
14	19	29	16	12	10
15	19	33	16	12	10
16	20	31	16	12	10
17	22	32	16	12	11
18	88	30	16	11	10
19	85	30	14	11	10
20	65	29	14	9	12
21	34	29	12	11	12
22	28	28	12	11	14
23	25	28	10	10	12
24	22	27	11	9	18
25	31	26	8	10	13
26	40	26	8	10	16
27	71	124	10	10	16
28	41	168	10	10	14
29	36	86	11	10	13
30	31	40	9	7	13
31	30	—	9	5	—
Mean	32	39	15	11	11
Max.	88	168	28	15	18
Min.	19	26	8	5	4
A.F.	1960	2340	940	650	630

DISCHARGE IN SECOND-FEET OF  
INDIAN CREEK NEAR  
NORTHEAST--Sec. 19-20-50 W.  
Water Year Ending Sept. 30, 1955

DISCHARGE IN SECOND-FEET OF LINCOLN COUNTY DRAIN NO. 1  
Sec. 30-14-30 W.  
Water Year Ending Sept. 30, 1955

Day	May	June	July	Aug.	Sept.	Day	May	June	July	Aug.	Sept.
1	3	10	1	11	12	1	27	59	76	88	94
2	3	15	3	9	6	2	26	58	74	86	96
3	3	12	1	10	2	3	27	56	71	85	90
4	25	13	2	8	11	4	27	56	79	88	91
5	16	13	1	19	1	5	28	52	80	91	92
6	4	17	2	11	13	6	27	52	73	93	90
7	2	15	2	24	11	7	27	56	68	102	93
8	2	9	7	24	16	8	31	58	71	103	97
9	2	14	7	19	16	9	34	58	76	114	92
10	6	21	3	10	9	10	38	63	81	102	85
11	3	20	3	12	10	11	42	63	80	99	91
12	3	22	11	11	13	12	44	61	78	100	91
13	1	18	8	7	11	13	42	59	79	104	94
14	1	16	6	5	11	14	44	57	76	104	99
15	1	20	6	13	5	15	50	68	77	104	91
16	1	3	6	12	9	16	51	70	74	100	96
17	7	13	4	9	9	17	56	70	73	99	96
18	4	13	4	10	8	18	67	67	78	97	91
19	27	10	5	9	9	19	59	65	80	100	92
20	29	13	8	9	9	20	53	64	83	105	91
21	32	11	3	5	9	21	55	59	86	107	91
22	12	10	11	6	9	22	54	58	90	100	90
23	7	10	13	8	6	23	54	58	92	103	72
24	6	6	11	6	6	24	54	62	93	100	102
25	12	5	11	9	7	25	56	64	93	99	104
26	17	3	9	7	6	26	77	66	97	93	102
27	9	2	8	6	9	27	62	100	98	92	91
28	7	1	19	6	7	28	58	97	93	93	86
29	8	2	12	5	8	29	59	85	90	91	85
30	9	2	13	18	9	30	57	79	89	84	83
31	13	-	12	12	-	31	58	-	85	89	-
Mean	9	12	7	11	9	Mean	47	65	82	97	93
Max.	32	22	19	24	16	Max.	77	100	98	114	104
Min.	1	1	1	5	1	Min.	26	52	68	84	83
A.F.	550	680	420	660	520	A.F.	2860	3850	5020	5980	5510

OLIVER RESERVOIR STORAGE IN ACRE-FEET  
From Lodgepole Creek--Sec. 36-15-57 W.  
Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	1740	----	----	----	2770	----	----	----	2220	----
2	----	----	----	----	----	----	----	3120	----	----	----	----
3	----	1540	----	----	----	----	----	----	----	----	----	----
4	----	----	----	----	----	2410	----	----	----	----	----	----
5	----	----	----	----	----	----	----	----	----	----	----	----
6	----	----	1850	----	----	----	----	----	4280	----	----	----
7	1190	----	----	----	----	----	----	----	----	----	----	1100
8	----	----	----	----	----	----	2820	----	----	----	2540	----
9	----	----	----	----	----	----	----	3120	----	----	----	----
10	----	----	----	----	----	----	----	----	----	----	----	----
11	----	1620	----	2110	2280	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	3670	----	----
13	----	----	----	----	----	----	----	----	4280	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	3010	----	----	----	----	----
16	----	----	----	----	----	----	----	----	----	----	----	1000
17	----	----	1930	----	----	2610	----	----	----	----	2200	----
18	----	----	----	----	----	----	----	----	----	3140	----	----
19	----	1700	----	2130	----	----	----	----	----	----	----	----
20	----	----	----	----	----	----	3040	----	----	----	----	----
21	1380	----	----	----	----	----	----	----	----	----	----	----
22	----	----	1960	----	----	2670	----	----	4720	----	1750	2580
23	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	3230	----	----	----	----
25	----	----	----	----	----	----	----	----	----	2680	----	----
26	1450	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	3110	----	----	----	----	----
28	----	----	1990	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	4710	----	----	----
30	----	----	----	----	----	----	----	----	----	----	1340	2670
31	----	----	----	----	----	----	----	4240	----	----	----	----

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK  
BELOW OLIVER RESERVOIR AND NEW BUTTNER DIVERSION DAM  
Sec. 31-15-56 W.  
Water Year Ending Sept. 30, 1955

Day	May	June	July	Aug.	Sept.
1	5	2	1	9	6
2	2	2	3	9	6
3	2	2	5	3	6
4	2	2	6	2	6
5	2	2	6	2	6
6	1	1	6	3	3
7	1	1	9	2	3
8	1	1	6	2	4
9	1	1	6	2	3
10	1	2	6	2	3
11	3	2	7	3	3
12	2	2	8	2	5
13	2	1	8	2	5
14	3	1	8	2	5
15	3	2	8	2	5
16	3	2	8	2	5
17	2	2	8	2	4
18	2	2	9	2	4
19	2	2	9	2	1
20	2	2	9	2	2
21	2	2	8	2	3
22	2	4	10	2	4
23	2	4	10	2	4
24	3	4	10	2	4
25	3	4	9	2	4
26	4	4	9	2	3
27	3	4	9	2	3
28	3	1	9	2	3
29	2	1	9	2	3
30	2	1	8	6	3
31	2	-	9	6	-
Mean	2	2	8	3	4
Max.	5	4	10	9	6
Min.	1	1	1	2	1
A.F.	140	120	470	170	240

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK  
ABOVE BENNETT RESERVOIR  
East Line Sec. 29-15-55 W.  
Water Year Ending Sept. 30, 1955

Day	May	June	July	Aug.	Sept.
1	6	7	6	0	2
2	6	16	2	0	1
3	7	7	0	1	3
4	7	9	2	0	1
5	6	9	1	0	4
6	3	8	0	37	1
7	3	7	2	17	0
8	3	7	1	6	2
9	3	8	0	4	2
10	3	8	1	2	2
11	4	8	0	3	1
12	3	9	0	2	0
13	1	7	1	2	2
14	1	7	1	1	1
15	0	13	0	0	1
16	0	10	2	1	5
17	4	10	1	1	3
18	11	10	0	1	2
19	7	10	1	0	1
20	6	10	0	0	1
21	6	10	1	1	1
22	6	10	1	1	1
23	4	9	2	1	1
24	6	9	3	1	1
25	6	10	1	1	1
26	50	10	1	2	1
27	10	8	2	2	1
28	8	7	0	1	1
29	8	6	1	2	1
30	6	4	0	3	1
31	6	-	0	1	-
Mean	6	9	1	5	2
Max.	50	16	6	87	5
Min.	0	4	0	0	0
A.F.	400	520	80	280	90

BENNETT RESERVOIR STORAGE IN ACRES-Feet  
A-657, A-1974, on Lodgepole Creek—Sec. 29-15-55 W.  
Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	725	----	----	----	1010	----	960	----	----	----
2	----	----	----	----	----	----	----	1000	----	----	620	----
3	----	600	----	----	----	----	----	----	----	----	----	----
4	----	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	----	----	1000	----	----	----	----	----	----
6	----	----	770	----	----	----	----	----	1020	910	----	----
7	620	----	----	----	----	----	----	----	----	----	----	600
8	----	----	----	----	----	----	1000	----	----	----	800	----
9	----	----	----	----	----	1010	----	920	----	----	----	----
10	----	630	----	----	----	----	----	----	----	----	----	----
11	----	----	----	930	1000	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	780	----	----
13	----	----	----	----	----	----	----	----	1040	----	----	----
14	635	----	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	1030	----	----	----	----	----
16	----	----	----	----	----	----	----	950	----	----	----	440
17	----	----	820	----	----	1020	----	----	----	----	800	----
18	----	----	----	----	----	----	----	----	----	770	----	----
19	----	670	----	950	----	----	----	----	----	----	----	----
20	----	----	----	----	----	----	1000	----	----	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----
22	595	----	850	----	----	1020	----	----	1170	----	760	----
23	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	1000	----	----	----	----
25	----	----	----	----	----	----	----	----	----	600	----	----
26	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	1000	----	----	----	----	----
28	----	----	950	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	1000	----	----	----
30	----	----	----	----	----	----	----	----	----	----	600	435
31	----	----	----	----	----	----	----	----	----	----	----	----

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK  
BELOW BENNETT RESERVOIR  
Sec. 22-15-55 W.  
Water Year Ending Sept. 30, 1955

DISCHARGE IN SECOND FEET OF  
MELBETA DRAIN NEAR  
MELBETA--Sec. 13-21-54 W.  
Water Year Ending Sept. 30, 1955

Day	May	June	July	Aug.	Sept.	Day	May	June	July	Aug.	Sept.
1	0	11	0	5	0	1	1	0	2	0	5
2	0	9	0	5	0	2	2	0	1	3	7
3	3	7	0	5	0	3	2	0	2	2	6
4	0	5	0	6	0	4	2	0	2	2	4
5	1	5	0	6	0	5	2	0	2	22	4
6	1	3	0	5	0	6	2	0	1	10	6
7	1	3	0	7	0	7	2	0	4	7	6
8	1	3	0	6	0	8	2	0	3	6	6
9	0	3	0	5	6	9	2	0	1	2	7
10	0	2	0	5	5	10	2	0	1	2	7
11	0	2	0	6	5	11	2	0	1	12	8
12	0	2	8	6	5	12	2	0	0	2	8
13	0	2	8	5	12	13	2	0	0	2	8
14	0	2	7	5	12	14	0	2	0	2	8
15	0	1	7	4	12	15	0	3	0	3	7
16	0	1	8	4	11	16	0	2	0	1	8
17	6	1	8	5	11	17	14	3	1	0	8
18	4	1	7	5	10	18	3	3	1	0	7
19	3	0	8	4	9	19	2	2	1	0	7
20	2	0	8	4	18	20	1	2	0	2	33
21	11	0	7	4	26	21	0	1	1	2	5
22	6	0	5	0	38	22	0	1	0	0	4
23	6	0	6	0	24	23	1	1	0	0	3
24	1	0	5	0	19	24	0	1	1	2	4
25	1	0	5	0	15	25	0	1	4	2	13
26	5	0	6	0	11	26	33	2	5	2	3
27	16	0	6	0	7	27	22	2	10	2	2
28	24	0	6	0	5	28	12	11	3	0	1
29	24	0	4	0	2	29	12	2	7	0	1
30	20	0	5	0	1	30	13	2	7	0	1
31	18	-	5	0	-	31	0	-	2	5	-
Mean	5	2	4	3	9	Mean	4	1	2	3	7
Max.	24	11	8	7	38	Max.	33	11	10	22	33
Min.	0	0	0	0	0	Min.	0	0	0	0	1
A.F.	310	120	260	210	520	A.F.	270	80	120	190	390

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET  
From Niobrara River--Sec. 28-29-49 W.  
Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	10750	----	----	17700	----	----	----	12610	6360
2	----	----	----	----	----	----	----	----	----	----	12270	----
3	----	----	----	----	----	14590	----	----	----	----	----	6150
4	----	----	----	----	----	----	----	----	----	----	----	6050
5	----	----	----	11110	----	----	----	----	----	----	11270	5980
6	----	----	----	----	----	----	----	----	----	----	----	5890
7	6760	7100	----	----	13300	----	----	----	20130	----	----	5820
8	----	----	----	----	----	----	----	19800	----	----	----	5750
9	----	----	8810	11420	----	14480	----	----	----	----	----	----
10	----	----	----	----	----	----	18540	----	----	----	10120	----
11	----	----	----	----	----	----	----	----	----	19260	10180	5590
12	6440	----	----	----	13610	----	----	----	20210	18760	10170	----
13	----	----	----	----	----	----	----	----	----	----	----	5470
14	----	----	----	----	----	----	----	----	20370	18120	9880	----
15	----	----	----	----	----	----	----	19560	----	17690	9880	----
16	----	----	----	----	----	----	----	----	----	----	9710	----
17	----	----	----	----	----	----	19380	20010	----	17320	----	5690
18	----	----	----	----	----	----	----	----	----	----	9150	----
19	6510	----	9630	----	----	----	----	----	----	16650	----	----
20	----	----	----	12260	----	16700	19740	20020	20760	----	----	5060
21	----	7690	----	----	----	----	----	----	----	15410	8430	----
22	----	----	----	----	14180	----	----	20020	----	----	8110	4950
23	----	----	----	----	----	----	----	----	----	----	7710	4910
24	----	----	----	----	----	----	----	19310	----	14430	7530	----
25	----	----	----	----	----	----	----	----	----	----	7380	4960
26	----	----	10400	----	----	----	----	19280	20840	13940	7180	----
27	----	----	----	----	----	17190	----	19850	----	----	----	----
28	----	----	----	----	----	17270	----	----	----	13410	6860	----
29	6760	7980	----	----	----	----	19860	19850	----	----	----	----
30	----	----	----	12740	----	----	----	----	20940	13300	6560	5600
31	6830	----	----	----	----	----	----	----	----	12870	6470	----

DISCHARGE IN SECOND-FEET OF OAK CREEK NEAR LOUP CITY  
 Sec. 12-15-14 W.--Water Year Ending September 30, 1955

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	34	0	0	0	0	0	0
2	0	0	0	0	0	27	0	0	0	0	0	0
3	0	0	0	0	0	12	0	0	0	0	0	0
4	0	0	0	0	0	.1	0	0	.2	0	0	0
5	0	0	0	0	0	0	0	0	7.4	0	0	0
6	0	0	0	0	0	0	0	0	.2	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	16	0	0
9	0	0	0	0	0	0	0	0	0	2.7	0	0
10	0	0	0	0	0	0	0	0	0	.4	.2	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	52	0	0
13	0	0	0	0	0	0	0	0	0	110	0	0
14	0	0	0	0	0	0	0	0	0	19	0	0
15	0	0	0	0	0	0	0	0	0	.6	0	0
16	0	0	0	0	1.5	0	0	0	0	.1	0	0
17	0	0	0	0	7.3	0	0	0	15	0	0	0
18	0	0	0	0	3.8	0	0	0	5.1	0	0	0
19	0	0	0	0	0	0	0	0	.8	0	0	0
20	0	0	0	0	0	0	0	0	0	76	0	0
21	0	0	0	0	0	0	0	0	0	.8	0	0
22	0	0	0	0	0	0	0	0	0	.6	0	0
23	0	0	0	0	0	0	0	0	2.1	0	0	0
24	0	0	0	0	0	0	0	0	1.2	0	0	0
25	.2	0	0	0	0	0	0	0	.2	0	0	.2
26	.2	0	0	0	0	0	0	0	0	0	0	.4
27	0	0	0	0	0	0	0	0	.6	0	0	0
28	0	0	0	0	3.0	0	0	0	.1	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	0
Mean	.01	0	0	0	.6	2.4	0	0	1.1	9.0	.01	.02
Max.	.2	0	0	0	7.3	34	0	0	15	110	.2	.4
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0.8	0	0	0	31	145	0	0	65	552	0.4	1.2
Total acre-feet	795 A.F.											

DISCHARGE IN SECOND-FEET OF STREVER CREEK NEAR OVERTON  
 Sec. 1-8-20 W.--Water Year Ending September 30, 1955

Day	May	June	July	Aug.	Sept.
1	0	11	18	0	0
2	0	5	17	0	0
3	0	7	14	0	0
4	0	3	12	0	0
5	0	3	13	0	0
6	10	10	9	0	0
7	8	8	7	0	0
8	6	8	3	0	0
9	5	9	5	0	0
10	2	10	2	0	0
11	5	16	3	0	0
12	3	16	3	0	0
13	1	18	0	0	3
14	0	16	4	3	0
15	0	16	2	3	0
16	0	30	0	3	0
17	0	31	0	2	0
18	0	55	0	5	0
19	13	21	0	3	0
20	14	19	0	0	0
21	16	17	1	0	4
22	13	11	0	0	0
23	14	9	0	3	3
24	13	10	0	3	3
25	15	16	0	0	7
26	15	16	0	0	7
27	21	16	0	0	7
28	20	15	0	0	5
29	19	17	0	0	4
30	18	17	0	0	4
31	14	---	0	0	-
Mean	8	15	4	1	2
Max.	21	55	18	5	7
Min.	0	3	0	0	0
A.F.	490	910	220	50	90



WHITNEY RESERVOIR STORAGE IN ACRE-FEET  
 From White River--Sec. 34-33-51 W.  
 Water Year Ending September 30, 1955

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	----	----	----
2	----	----	----	----	----	----	----	----	----	----	6440	----
3	----	----	----	----	----	----	----	8540	----	----	----	----
4	----	----	----	3870	----	----	----	----	----	----	----	----
5	----	----	----	----	----	----	----	----	----	9130	----	----
6	----	----	2890	----	----	----	----	----	----	----	----	----
7	----	----	----	----	5090	6190	----	----	9620	----	----	3360
8	----	----	----	----	----	----	----	----	----	----	5800	----
9	----	----	----	----	----	----	----	8790	----	----	----	----
10	----	----	----	3880	----	----	----	----	----	----	----	----
11	----	----	----	----	----	----	7770	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	8240	----	3050
13	----	----	3150	----	----	----	----	----	9710	----	----	----
14	----	----	----	----	5360	----	----	----	----	----	----	----
15	----	----	----	----	----	6450	----	----	----	----	5460	----
16	----	----	----	----	----	----	----	----	----	----	----	----
17	----	----	----	4340	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	8280	----	----	8190	----	----
19	----	----	----	----	----	----	----	----	----	----	----	----
20	----	----	----	----	----	----	----	----	9840	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----
22	----	2430	----	----	----	----	----	----	----	----	4850	----
23	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	4480	----	----	----	8920	----	----	----	----
25	----	----	----	----	5860	----	8540	----	----	6870	----	----
26	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	3610	----	----	----	----	----	9620	----	----	----
28	----	----	----	----	----	7130	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	----	----	4080	----
30	----	----	----	----	----	----	----	----	----	----	----	3100
31	----	----	----	4830	----	----	----	9260	----	----	----	----

DISCHARGE FROM DRAINS

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS  
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT  
Values in Acre-Feet  
For The Water Year Ending September 30, 1955

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	690	240	180	180	190	220	130	320	1420	320	440	350	4680
Bayard Sugar Factory Drain	2170	1600	1520	1350	1210	1330	1230	910	910	900	1540	1860	15530
+Cleveland Drain	940	150	120	30	20	90	220	590	560	430	550	700	4400
*DeGraw Drain	220	170	130	160	170	410	200	130	190	80	110	140	2110
+Dugout Creek, Upper	650	410	300	280	310	200	110	610	650	370	310	580	4780
*Fairfield Seep	50	0	0	0	0	0	60	50	70	40	60	20	350
*Fanning Seep	60	60	60	0	0	30	60	80	130	30	10	90	610
Gering Drain	1710	1540	1530	1510	1320	1400	1620	4670	2330	2260	2760	3310	25960
Horse Creek	2490	1700	1290	910	940	1760	2090	2180	3050	2270	3880	7100	29660
+Indian Creek	600	310	350	310	340	340	170	550	680	430	660	530	5270
*Lane Drain	220	120	60	60	60	60	60	60	100	160	570	500	2030
+Melbeta Drain	160	130	60	90	150	120	110	270	80	120	190	390	1870
Nine Mile Drain	6730	5160	4880	4520	3730	4010	3830	5010	5680	5360	7120	8050	64080
Red Willow Drain	5540	4210	3880	3470	2960	3070	2720	3670	3150	2350	3020	5980	44020
*Scottsbluff Drain No. 1	510	340	360	300	310	180	160	230	320	300	570	650	4230
*Scottsbluff Drain No. 2	540	190	120	60	60	60	120	160	210	180	420	660	2780
Sheep Creek	3520	4440	4430	4210	3800	3900	290	1180	1450	360	240	1160	28980
Spotted Tail Creek, Dry	1210	860	1010	1160	980	1070	930	1200	2280	1130	1610	1940	15380
Spotted Tail Creek, Wet	690	600	630	590	520	560	530	640	520	510	630	630	7050
Tub Springs	2290	1930	2050	1690	1450	1440	1410	1640	3230	670	750	2610	21160
Winters Creek	3680	2560	2550	2870	2390	2490	2390	2820	2210	780	1070	3270	29080
Totals	34670	26720	25510	23750	20910	22740	18440	26970	29220	19050	26510	40520	315010

\*Estimated for entire year from measurements.

+Estimated October-April inclusive. One reading daily May-September.

DAILY DIVERSION  
OF CANALS

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	15	0	19	11	20	8
2	15	0	20	13	19	9
3	16	0	21	11	19	15
4	12	0	22	13	18	20
5	13	0	22	13	4	19
6	5	9	22	8	0	21
7	0	17	22	0	0	21
8	0	18	22	0	9	20
9	0	21	22	0	15	18
10	0	19	22	0	13	17
11	0	19	21	0	8	18
12	0	19	20	13	8	18
13	0	19	20	21	12	16
14	0	18	17	20	11	17
15	0	18	5	21	7	20
16	0	15	15	21	5	23
17	0	5	6	20	7	24
18	0	18	11	19	4	25
19	0	17	17	19	0	24
20	0	17	18	21	0	2
21	0	18	18	20	0	0
22	0	21	20	18	0	0
23	0	21	22	10	0	0
24	0	21	21	11	0	0
25	0	23	17	19	0	1
26	0	11	19	21	0	0
27	0	0	14	17	0	0
28	0	12	4	16	3	0
29	0	19	11	17	7	0
30	0	21	7	20	7	0
31	0	21	-	19	7	-
Mean	2	14	17	14	7	12
Max.	16	23	22	21	20	25
Min.	0	0	4	0	0	0
A.F.	150	870	1030	860	400	710
Water diverted	Acreage reported					
4020 A.F.	D-874-1035					

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

Day	Oct.	May	June	July	Aug.	Sept.
1	34	0	38	12	39	40
2	32	0	38	12	40	39
3	30	0	38	13	40	46
4	30	22	39	29	39	49
5	33	20	36	29	26	45
6	27	19	37	29	70	50
7	16	17	41	24	69	54
8	14	14	41	22	57	48
9	14	17	39	24	51	46
10	14	17	40	22	54	42
11	12	18	40	24	55	38
12	11	17	37	27	47	34
13	11	28	38	29	48	36
14	11	27	33	28	54	38
15	9	25	11	23	48	39
16	9	23	25	20	46	41
17	8	41	16	22	46	45
18	6	42	14	26	48	45
19	0	28	22	36	50	43
20	0	25	26	33	56	44
21	0	26	25	37	55	0
22	0	31	25	45	50	0
23	0	32	25	43	50	0
24	0	27	25	44	53	0
25	0	17	24	46	49	0
26	0	0	22	40	48	0
27	0	0	17	44	46	11
28	0	11	10	56	48	19
29	0	23	18	49	48	20
30	0	29	20	51	44	19
31	0	35	-	50	45	-
Mean	10	20	29	32	49	31
Max.	34	42	40	56	70	54
Min.	0	0	10	12	26	0
A.F.	640	1250	1710	1960	3010	1850
Water diverted	Acreage reported					
10420 A.F.	D-874-1035					
	A-1181 4022					
	A-1432 80					
	A-1436 60					
	A-1436 18					
	Total 4180					

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	1	0	0
5	0	0	1	0	0
6	0	0	1	0	0
7	0	0	1	0	0
8	0	0	3	0	0
9	0	0	1	0	0
10	0	0	1	0	0
11	0	0	1	0	0
12	0	0	1	0	0
13	0	0	1	0	0
14	0	0	1	0	0
15	0	0	1	0	0
16	0	0	1	0	0
17	0	0	1	0	0
18	0	0	1	0	0
19	0	0	1	0	0
20	0	0	1	0	0
21	0	0	1	0	0
22	0	0	1	0	0
23	0	0	2	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0	1	0	0
Max.	0	0	3	0	0
Min.	0	0	0	0	0
A.F.	0	0	50	0	0
Water diverted	Acreage reported				
50 A.F.	D-342 55				
	D-344 30				
	A-897R 8				
	A-4531 50				
	Total 143				

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	7	10	101	51
2	0	10	10	107	45
3	0	13	10	110	42
4	0	13	15	110	40
5	12	13	21	109	39
6	13	13	23	105	35
7	24	16	27	99	28
8	14	15	28	96	28
9	17	13	30	92	28
10	22	11	36	86	28
11	34	11	46	76	28
12	41	13	62	65	28
13	41	13	71	59	26
14	40	12	74	59	25
15	40	11	72	58	25
16	41	13	72	59	25
17	42	5	71	58	22
18	36	0	70	59	16
19	29	0	71	63	14
20	22	0	76	64	14
21	18	0	78	67	14
22	18	9	81	72	12
23	16	15	79	79	12
24	14	13	81	82	13
25	13	12	82	79	13
26	11	13	85	76	10
27	9	12	85	73	7
28	8	8	87	71	9
29	6	6	90	71	10
30	8	8	94	67	10
31	10	-	96	59	-
Mean	19	10	59	78	23
Max.	42	16	96	110	51
Min.	0	0	10	58	7
A.F.	1190	590	3640	4820	1380
Water diverted	Acreage reported				
11620 A.F.	A-6217 164				
Supplemental storage available					

DAILY DIVERSIONS OF CANALS--1955

DAILY DIVERSIONS OF CANALS--1955

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

BELMONT-EMPIRE CANAL from North Platte River  
Measured through rating flume--Sec. 18-20-51 W.

Day	Oct.	May	June	July	Aug.	Sept.	Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	0	0	0	4	0	1	175	0	44	89	82	128	147
2	4	0	0	0	0	0	2	177	0	43	112	90	117	160
3	4	0	0	0	0	0	3	166	0	41	74	86	110	145
4	3	0	0	0	0	1	4	152	0	38	76	97	56	147
5	3	0	0	0	5	1	5	144	0	36	76	68	86	134
6	4	0	0	0	9	2	6	111	0	33	78	56	152	117
7	4	0	0	0	10	2	7	69	0	28	76	140	96	148
8	5	0	0	14	10	2	8	80	0	33	79	144	101	160
9	6	0	10	13	10	2	9	90	0	42	76	152	117	168
10	5	0	10	11	10	3	10	98	0	54	78	145	105	137
11	5	0	9	9	6	3	11	97	0	46	75	140	108	126
12	4	0	8	9	3	4	12	87	0	68	75	131	108	129
13	4	0	6	19	1	5	13	83	0	98	71	117	116	120
14	4	0	6	25	7	5	14	80	0	96	128	129	117	126
15	4	0	11	20	2	6	15	66	0	96	87	150	117	131
16	4	0	11	0	2	7	16	46	0	103	58	148	117	124
17	4	0	4	0	1	7	17	26	24	107	74	123	114	123
18	4	0	18	0	1	7	18	26	40	31	69	116	116	118
19	4	0	3	0	1	7	19	0	49	26	75	89	120	97
20	4	0	8	0	1	6	20	0	43	61	76	63	129	101
21	4	0	8	0	1	4	21	0	39	64	59	53	118	66
22	4	0	6	0	1	0	22	0	35	102	57	53	114	71
23	5	0	6	0	1	0	23	0	36	91	39	60	105	71
24	5	0	5	7	1	0	24	0	33	49	28	93	96	63
25	6	0	5	8	1	0	25	0	30	54	53	112	96	83
26	6	0	4	7	13	5	26	0	31	139	65	116	94	86
27	6	0	3	14	22	6	27	0	44	27	80	111	105	70
28	6	0	2	16	20	7	28	0	50	20	41	97	111	66
29	6	0	0	14	0	6	29	0	47	18	63	122	124	62
30	0	0	0	11	0	4	30	0	45	17	94	139	128	63
31	0	0	-	8	0	-	31	0	-	15	-	128	136	-
Mean	4	0	5	7	5	3	Mean	57	18	55	73	108	111	112
Max.	7	0	18	25	22	7	Max.	177	50	139	128	152	152	168
Min.	0	0	0	0	0	0	Min.	0	0	17	28	53	56	62
A.F.	270	0	280	410	280	200	A.F.	3520	1080	3410	4330	6640	6860	6660
Water diverted							Acreage reported	Water diverted 32500 A.F.						
1440 A.F.							D-887	2080						
Pathfinder storage included														

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	4	0	3	9	2	2
2	4	0	3	7	2	2
3	4	0	3	7	2	2
4	4	0	3	7	2	2
5	4	0	3	7	3	2
6	3	0	2	6	3	2
7	3	0	2	6	3	2
8	3	0	2	6	3	3
9	3	0	2	6	3	3
10	2	0	2	5	2	1
11	2	2	2	2	2	0
12	2	4	2	4	2	0
13	1	6	2	6	2	0
14	1	8	2	3	2	0
15	1	8	2	2	2	0
16	1	8	1	2	2	0
17	0	8	1	2	2	0
18	0	7	1	2	2	0
19	0	7	1	2	2	0
20	0	7	1	4	2	0
21	0	7	1	4	3	0
22	0	6	2	2	3	0
23	0	6	2	2	2	0
24	0	6	2	2	2	0
25	0	5	2	5	2	0
26	0	5	2	7	2	0
27	0	5	2	7	2	0
28	0	4	2	7	2	0
29	0	4	3	4	2	0
30	0	4	9	2	2	0
31	0	3	-	2	2	-
Mean	1	4	2	4	2	1
Max.	4	8	9	9	3	3
Min.	0	0	1	2	2	0
A.F.	80	240	130	280	140	40
Water diverted	910 A.F.					

DAILY DIVERSIONS OF CANALS--1955

BELMONT-EMPIRE CANAL

Summary in Acre-feet--1955

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River.....	3520	1080	3410	4330	6640	6860	6660	32500
Cedar Creek (for Belmont only)....	<u>80</u>	<u>0</u>	<u>240</u>	<u>130</u>	<u>280</u>	<u>140</u>	<u>40</u>	<u>910</u>
Total diversion.....	3600	1080	3650	4460	6920	7000	6700	33410

Water diverted  
33410 A.F.

Acreage reported	
D-828	14351
D-858	1549
A-866	<u>75</u>
Total	15975

DAILY DIVERSIONS OF CANALS--1955

BELMONT SPILL into Pumpkinseed Creek  
For D-828 lands via Meredith-Amner Canal  
Measured through weir--Sec. 23-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	1	0	14	5	0	0
2	1	0	33	0	0	0
3	13	0	24	0	0	0
4	20	0	18	0	0	0
5	21	0	18	0	0	0
6	21	0	18	0	18	0
7	18	0	18	0	36	0
8	19	0	17	1	33	0
9	20	0	17	10	37	0
10	20	0	16	10	36	2
11	21	0	16	9	36	4
12	21	0	16	5	36	6
13	20	1	13	3	34	7
14	20	1	23	1	15	9
15	19	1	29	0	0	11
16	17	1	25	0	0	13
17	2	23	31	0	0	25
18	0	23	30	0	0	27
19	0	12	28	0	0	26
20	0	5	30	0	0	33
21	0	3	26	0	0	33
22	0	0	24	0	0	21
23	0	2	20	0	0	21
24	0	0	16	0	0	14
25	0	0	8	0	0	15
26	0	5	1	0	0	24
27	0	19	14	0	0	28
28	0	13	17	0	0	25
29	0	11	15	0	0	25
30	0	10	15	0	0	24
31	0	8	—	0	0	—
Mean	9	4	20	1	9	13
Max.	21	23	33	10	37	33
Min.	0	0	1	0	0	0
A.F.	540	270	1170	90	560	780
Water transferred	3410 A.F.					

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	0	6	2	5
2	0	0	6	2	5
3	0	0	6	2	4
4	0	0	6	6	4
5	0	0	6	6	3
6	0	0	6	6	3
7	0	0	6	6	4
8	0	0	6	8	4
9	0	0	6	4	4
10	0	0	6	4	4
11	0	4	6	6	4
12	0	4	6	4	4
13	0	0	0	6	4
14	0	0	0	6	4
15	0	0	0	2	4
16	0	0	0	2	4
17	0	0	0	2	4
18	0	0	0	2	4
19	0	0	0	2	3
20	0	0	0	2	0
21	0	0	6	2	0
22	0	0	6	2	0
23	0	0	6	2	0
24	0	0	6	1	0
25	0	6	6	1	0
26	0	3	6	1	0
27	8	6	6	1	0
28	8	6	6	1	0
29	8	6	5	1	0
30	8	6	2	5	0
31	0	—	2	5	—
Mean	1	1	4	3	3
Max.	8	6	6	8	5
Min.	0	0	0	1	0
A.F.	60	80	260	200	150
Water diverted	750 A.F.				Acreage reported
Bennett storage included					A-691 86
					A-1975 418
					Total 504

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	0	0	1	2
2	0	0	0	2	2
3	0	0	1	2	2
4	0	0	2	2	2
5	0	0	0	3	0
6	0	0	1	0	0
7	0	0	0	0	0
8	0	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	2	0	2	2	0
14	2	0	1	2	2
15	2	0	1	2	1
16	2	0	3	2	2
17	0	0	2	2	2
18	0	0	2	2	0
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	3	2	0
24	0	0	0	2	0
25	0	0	0	2	0
26	0	0	0	2	0
27	0	0	1	2	0
28	0	0	2	2	0
29	0	0	2	2	0
30	0	0	1	2	0
31	0	0	2	2	-
Mean	0	-	1	1	1
Max.	2	0	3	3	2
Min.	0	0	0	0	0
A.F.	20	0	90	100	30
Water diverted	240				
Acreage reported					
D-347					22
A-719					61
Total					83

DAILY DIVERSIONS OF CANALS--1955

BIRDWOOD CANAL from Birdwood Creek  
Measured through Farshall flume--Sec. 35-15-33 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	16	11	0	22	30	45	44
2	18	10	0	26	28	45	45
3	19	11	0	28	22	45	46
4	18	12	0	28	23	46	47
5	18	12	9	30	24	45	46
6	18	12	21	29	25	39	46
7	22	12	19	28	26	41	45
8	22	13	2	28	25	33	45
9	21	13	5	30	24	36	45
10	20	14	26	33	24	22	43
11	20	14	28	33	23	34	43
12	18	14	31	30	23	42	42
13	18	15	38	30	32	44	42
14	13	15	37	30	35	44	42
15	8	15	38	31	38	44	42
16	18	14	41	30	40	38	41
17	19	16	11	30	30	37	41
18	16	15	8	32	33	42	40
19	17	15	20	30	32	44	40
20	17	5	21	30	32	42	41
21	17	5	19	29	32	44	44
22	9	9	19	28	32	42	42
23	4	10	22	28	32	42	42
24	12	10	21	28	32	44	37
25	13	10	0	29	37	45	30
26	15	10	0	29	45	44	26
27	14	9	0	28	41	44	23
28	15	9	0	5	44	45	23
29	15	19	0	5	44	46	23
30	14	4	10	10	44	45	22
31	12	-	16	-	44	45	-
Mean	16	12	15	27	31	42	39
Max.	22	19	41	33	45	46	47
Min.	8	4	0	5	22	22	22
A.F.	980	700	920	1600	1980	2570	2340
Water diverted							
Acreage reported							
D-646							5287

DAILY DIVERSIONS OF CANALS--1955

BLUE CREEK CANAL from Blue  
Creek and Crescent Lake--Measured  
through rating flume--Sec. 33-17-42 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	24	0	0	44	36	26
2	24	27	0	43	36	27
3	25	28	0	43	36	28
4	25	27	0	44	37	28
5	30	38	0	42	39	28
6	34	39	0	38	39	29
7	35	40	0	37	40	28
8	35	39	0	37	39	26
9	35	38	0	40	37	26
10	35	35	0	42	39	26
11	33	32	0	38	41	26
12	21	32	0	39	42	25
13	21	32	0	41	40	29
14	21	31	0	37	38	31
15	21	33	0	36	37	31
16	21	33	0	40	36	29
17	22	36	0	40	32	29
18	22	22	0	37	35	31
19	22	18	0	36	36	33
20	21	19	0	40	37	35
21	21	18	0	40	37	37
22	21	11	0	37	36	36
23	22	8	0	39	37	37
24	22	8	0	38	38	37
25	22	9	0	36	37	38
26	21	9	0	40	30	37
27	20	0	0	42	0	34
28	19	0	8	22	0	32
29	20	0	30	15	4	31
30	19	0	43	30	28	30
31	10	0	-	32	26	-
Mean	24	21	3	38	33	31
Max.	35	40	43	44	42	38
Min.	10	0	0	15	0	25
A.F.	1480	1310	160	2310	2030	1820
Water diverted						
Acreage reported						
D-785						2549
D-795						339
A-1154						30
Total						2918
Crescent Lake storage included						



DAILY DIVERSIONS OF CANALS--1955

BOELUS POWER CANAL from Middle Loup River  
Measured through power wheels--Sec. 27-13-12 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	304	562	41	0	0	0	572	514	562	535	256	138
2	575	147	0	0	0	0	548	516	548	521	212	323
3	569	279	107	0	0	0	504	516	555	511	225	323
4	555	265	294	0	0	0	545	537	374	514	238	331
5	562	110	487	0	0	0	356	537	548	496	255	318
6	562	552	230	0	0	0	548	340	545	329	196	331
7	562	552	190	0	0	0	558	480	548	470	358	335
8	365	552	0	0	0	97	535	473	555	416	393	340
9	565	558	0	0	0	217	531	473	258	466	345	340
10	562	565	0	0	0	78	544	487	555	473	345	336
11	565	558	0	0	0	0	548	452	552	433	323	362
12	565	295	0	0	0	0	552	416	545	437	322	376
13	565	562	0	0	0	314	291	382	562	513	331	267
14	562	558	0	0	0	510	551	354	558	494	211	398
15	152	555	0	0	0	514	558	208	558	202	331	358
16	555	562	0	0	186	281	562	346	395	409	332	331
17	558	565	0	0	260	568	562	384	572	398	296	331
18	555	552	0	0	250	565	565	545	351	372	292	390
19	565	297	0	0	392	565	558	548	548	386	297	430
20	562	565	0	0	323	209	562	375	562	405	275	448
21	562	555	0	0	125	0	374	527	565	345	336	473
22	274	558	69	0	66	0	527	527	562	160	323	282
23	562	569	251	0	0	0	535	518	558	327	212	535
24	558	321	174	0	0	0	555	545	36	292	280	552
25	558	565	272	0	0	0	555	558	268	309	260	558
26	316	555	257	0	0	0	548	565	551	300	252	548
27	293	278	132	0	0	0	352	256	134	268	252	555
28	565	548	0	0	0	0	555	562	562	263	282	548
29	569	46	0	0	-	0	548	555	565	273	255	526
30	565	302	0	0	-	265	527	385	552	188	304	133
31	562	---	0	0	0	548	---	565	---	249	312	---
Mean	509	450	81	0	57	153	521	466	487	379	287	384
Max.	575	569	487	0	392	568	572	565	572	535	393	558
Min.	152	46	0	0	0	0	291	208	36	160	196	133
A.F.	31280	26790	4970	0	3180	9380	30990	28650	28970	23310	17660	22840

Water diverted 228020 A.F.  
A-1375

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	49	0	29	11	58	56
2	50	0	40	28	56	49
3	52	0	39	14	58	48
4	46	0	43	11	58	47
5	43	0	47	8	60	44
6	42	0	51	25	43	48
7	42	0	43	56	48	48
8	42	0	37	75	53	44
9	40	0	34	80	51	43
10	39	0	38	78	47	51
11	39	0	28	78	45	51
12	38	0	15	78	44	46
13	39	0	14	73	39	50
14	36	5	12	69	47	40
15	33	34	17	58	55	40
16	33	39	21	58	62	33
17	34	34	26	58	64	34
18	32	31	24	58	74	34
19	28	37	20	55	79	37
20	13	34	18	54	73	17
21	0	32	22	53	68	7
22	0	26	29	60	66	5
23	0	50	19	58	64	4
24	0	43	16	62	62	3
25	0	57	18	64	58	3
26	0	60	18	64	58	4
27	0	35	13	63	56	7
28	0	22	28	64	56	10
29	0	10	42	52	58	11
30	0	25	26	63	61	12
31	0	27	---	65	58	---
Mean	25	19	28	55	57	31
Max.	52	60	51	80	79	56
Min.	0	0	12	8	39	3
A.F.	1330	1190	1640	3360	3530	1840
Water diverted	13090 A.F.				Acreeage reported	
					D-857-1033	6091

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	37	0	0	24	52	44	269	166
2	34	0	0	24	50	44	283	139
3	34	11	0	37	45	54	273	136
4	34	21	0	45	44	64	271	143
5	33	48	0	43	43	64	269	113
6	31	48	0	73	44	64	260	106
7	26	34	0	71	44	67	258	96
8	18	0	0	78	42	81	250	81
9	18	0	0	84	47	81	247	73
10	18	0	0	85	47	83	218	73
11	19	0	0	77	47	109	200	75
12	17	0	0	73	44	129	178	75
13	16	0	0	77	44	205	170	62
14	16	0	0	86	44	218	171	55
15	15	0	0	89	33	216	172	55
16	10	0	0	82	34	188	144	61
17	9	0	0	76	14	172	133	62
18	11	0	0	67	0	187	143	62
19	20	0	0	65	0	222	144	59
20	42	0	0	64	0	224	157	45
21	17	0	0	63	0	226	164	44
22	0	0	0	64	5	206	166	44
23	0	0	0	63	31	199	163	42
24	0	0	0	62	31	196	156	39
25	0	0	0	53	33	223	159	39
26	0	0	0	31	33	235	172	36
27	0	0	3	0	33	247	180	30
28	0	0	12	13	33	252	196	30
29	0	0	25	52	33	257	196	30
30	0	0	24	51	36	258	199	31
31	0	-	-	53	-	266	192	-
Mean	15	5	2	59	33	164	198	70
Max.	42	48	25	89	52	266	283	166
Min.	0	0	0	0	0	44	133	30
A.F.	940	320	130	3620	1960	10080	12200	4170
Water diverted								
33420 A.F.								
Supplemental storage available								
							Acreage reported	
							A-3869a	15435
							A-6218	318
							Total	15753

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	66	0	0	62	67	80
2	65	0	13	64	70	71
3	65	0	38	66	75	75
4	62	0	33	76	72	73
5	62	0	30	80	80	68
6	66	0	29	76	75	66
7	61	0	28	85	78	69
8	55	29	28	53	77	70
9	50	38	30	54	80	68
10	56	39	31	39	81	66
11	60	38	30	67	82	61
12	62	35	30	78	80	66
13	60	34	29	78	80	66
14	62	31	30	75	79	65
15	62	33	41	69	80	54
16	49	53	41	70	77	48
17	38	5	7	70	73	48
18	37	0	0	68	74	46
19	37	30	0	67	72	43
20	36	49	38	71	76	12
21	36	43	50	75	79	30
22	37	58	46	71	77	34
23	37	81	48	66	75	34
24	38	84	46	71	72	26
25	40	82	49	78	72	23
26	45	42	53	73	78	22
27	31	0	13	71	76	21
28	0	0	28	76	79	20
29	0	0	7	77	78	18
30	0	0	42	75	78	18
31	0	0	-	71	80	-
Mean	44	26	30	70	77	49
Max.	66	84	53	85	82	80
Min.	0	0	0	39	67	18
A.F.	2730	1590	1800	4310	4700	2900
Water diverted						
18030 A.F.						
					Acreage reported	
					D-921	6017
					A-186R	139
					A-350R	381
					Total	6537

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	15	0	0	0	24	16
2	15	0	0	0	25	16
3	18	0	0	0	26	15
4	15	0	0	5	28	14
5	13	0	0	6	26	13
6	14	0	1	0	22	19
7	16	0	11	8	21	18
8	18	0	10	0	21	10
9	6	6	10	4	23	9
10	0	13	10	22	22	10
11	0	15	8	22	21	7
12	0	17	8	22	21	8
13	0	18	6	24	20	10
14	0	20	0	31	20	7
15	0	23	0	31	20	5
16	0	20	0	31	22	6
17	0	22	0	30	23	6
18	0	0	0	31	24	5
19	0	0	0	29	25	9
20	0	0	0	30	25	11
21	0	0	0	31	25	11
22	0	0	0	31	28	10
23	0	0	0	31	28	2
24	0	0	0	27	30	0
25	0	0	0	26	30	0
26	0	0	0	28	27	0
27	0	0	0	28	25	0
28	0	0	0	26	23	0
29	0	0	0	24	19	0
30	0	0	0	23	19	0
31	0	0	-	23	17	-
Mean	4	5	2	20	24	8
Max.	18	23	11	31	30	19
Min.	0	0	0	0	17	0
A.F.	260	300	130	1240	1450	470
Water diverted						
3850 A.F.						
Pathfinder storage available						
					Acreage reported	
					D-926	2077

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	34	0	44	68	60	57
2	40	31	33	63	58	62
3	38	32	32	55	55	58
4	28	35	32	61	58	56
5	27	35	32	55	54	57
6	26	40	35	66	50	57
7	27	46	34	62	42	57
8	25	45	36	58	38	48
9	21	46	40	39	10	38
10	16	49	35	33	28	21
11	16	53	30	31	33	21
12	18	54	28	39	25	21
13	20	53	27	49	32	38
14	6	55	32	63	29	47
15	0	61	40	73	31	46
16	0	50	18	69	28	25
17	0	45	25	62	40	18
18	0	35	23	64	46	27
19	0	33	19	64	59	60
20	0	38	25	58	60	57
21	0	38	34	57	54	49
22	0	43	32	56	59	48
23	0	36	28	60	60	48
24	0	43	31	66	58	42
25	0	51	32	64	58	37
26	0	0	34	61	58	26
27	0	0	17	59	57	22
28	0	0	40	61	57	25
29	0	0	74	63	57	26
30	0	0	64	59	56	23
31	0	36	--	54	56	--
Mean	11	35	34	58	48	41
Max.	40	61	74	73	60	62
Min.	0	0	17	31	10	18
A.F.	680	2150	2000	3550	2910	2410
Water diverted	13700 A.F.				Acreege reported	
					D-844-1031-2190	

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	6	6	0	0	3
2	6	7	0	0	3
3	6	8	0	0	2
4	6	8	0	0	3
5	7	10	2	0	0
6	7	2	2	0	0
7	5	2	2	0	0
8	5	4	3	0	0
9	5	3	2	0	0
10	5	2	6	0	1
11	5	3	6	0	1
12	4	3	8	0	1
13	5	3	11	0	3
14	5	3	7	0	3
15	5	4	6	0	3
16	5	4	6	0	3
17	8	4	0	0	3
18	15	3	0	0	3
19	15	3	0	0	3
20	15	3	0	0	7
21	20	3	0	0	0
22	20	0	0	0	0
23	17	0	0	0	0
24	2	0	0	1	0
25	2	0	0	1	0
26	8	0	0	2	0
27	20	0	0	2	0
28	13	0	0	2	0
29	12	0	0	2	0
30	12	0	0	3	0
31	7	-	0	3	-
Mean	9	3	2	1	1
Max.	20	10	11	3	7
Min.	2	0	0	0	0
A.F.	540	180	120	30	80
Water diverted	950 A.F.			Acreege reported	
				D-346	220

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	29	7	0	7	2	3	39	37
2	31	5	0	0	9	12	38	28
3	24	10	0	0	8	21	38	22
4	26	8	0	5	6	24	48	26
5	28	8	0	8	6	20	60	30
6	22	7	0	14	13	12	55	27
7	26	4	0	43	22	12	50	64
8	28	3	0	52	31	46	51	41
9	28	2	0	49	31	56	55	36
10	26	2	0	40	41	41	52	29
11	24	3	6	43	2	13	42	26
12	22	3	11	54	16	39	38	17
13	25	3	11	44	28	38	38	24
14	21	3	9	35	27	38	38	28
15	12	3	8	32	26	34	34	20
16	12	3	8	32	26	35	30	32
17	14	3	8	46	26	43	24	39
18	16	2	7	22	18	43	30	48
19	23	3	4	14	13	29	46	48
20	24	4	2	1	8	28	44	24
21	20	4	8	12	4	26	32	30
22	18	4	19	24	4	39	27	32
23	15	4	18	31	8	38	31	26
24	12	3	6	29	8	36	22	24
25	16	1	4	14	12	36	22	10
26	15	0	5	25	20	43	30	2
27	8	0	7	18	16	41	36	2
28	8	0	4	5	3	41	12	2
29	8	0	3	2	1	41	11	2
30	10	0	8	1	1	40	8	1
31	9	-	-	4	-	40	18	-
Mean	19	3	5	23	15	33	35	26
Max.	31	10	19	54	31	56	60	64
Min.	8	0	0	0	1	3	6	1
A.F.	1190	200	310	1400	860	2000	2180	1540
Water diverted	9680 A.F.						Acreege reported	
							D-649	4759

DATA DIVISION OF CANALS--1955

COLUMBUS POWER CANAL from Loup River  
Measured through section of canal--Sec. 6-16-4 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1520	2210	697	74	2050	1810	1780	1610	1890	1660	448	478
2	1770	2210	17	46	1930	2060	1980	1420	1870	1710	410	478
3	1660	2100	1160	310	1980	2120	1980	1370	1870	1570	376	493
4	1660	2040	1800	173	1830	2060	2000	1310	2040	1460	317	557
5	1720	2000	2070	380	1640	1920	2200	1300	2550	1800	272	549
6	1740	1920	605	63	1520	2020	2330	1390	2500	1550	462	557
7	2060	1920	790	37	1510	2100	2120	1350	2230	1520	215	541
8	2060	1890	176	34	1530	2060	2040	1210	1960	1520	396	565
9	2140	1950	59	37	1530	1830	1930	1110	1570	1730	662	565
10	2150	1950	42	45	1740	1670	1900	1070	1900	1150	679	557
11	2030	2000	34	45	1600	1330	2010	1110	2140	1110	747	573
12	2030	1990	27	48	1410	2560	2070	1170	2330	1110	626	625
13	1930	2070	26	214	1380	2510	2400	1070	2370	1060	589	654
14	1940	2080	70	291	1310	2200	2410	1020	2170	1920	557	670
15	2000	2160	369	424	1270	2180	2330	968	2000	1950	573	713
16	2020	2070	320	1030	1430	2200	2120	905	2060	1300	533	696
17	1920	2050	66	784	1710	2140	2030	560	2620	1070	561	621
18	1830	2040	59	256	1890	2110	2030	995	2770	905	501	613
19	1830	2070	73	947	1810	2050	2050	1720	2700	251	433	369
20	1880	2170	601	1350	1790	2100	2090	2390	2790	296	418	1150
21	1960	2110	982	1210	1600	301	2020	2210	2620	260	403	1220
22	2030	2050	1260	1120	1570	180	1970	1820	2510	287	425	1310
23	2030	2020	2230	1100	1420	261	1980	1620	2220	2220	378	1540
24	1930	2110	1430	1150	1220	225	2500	1600	2390	842	501	1700
25	1980	2150	1540	1370	1220	76	2190	1660	2710	747	462	1870
26	2180	2050	2100	1520	1260	42	2110	2190	2310	613	410	2640
27	2750	2110	553	1520	1480	58	1860	2740	2010	605	376	2630
28	2610	2160	147	1530	1630	348	1730	2780	2030	521	342	2140
29	2540	1450	51	1630	-----	1500	1730	1740	2010	509	376	1920
30	2340	2050	45	1690	-----	1770	1820	2500	1960	478	383	1730
31	2290	-----	27	1960	-----	1800	-----	2120	-----	462	418	-----
Mean	2015	2040	633	736	1577	1537	2056	1589	2259	1132	502	1043
Max.	2750	2210	2230	1960	2050	2560	2500	2780	2400	1920	296	2640
Min.	1520	1460	17	34	1220	42	1730	660	1820	462	272	478
A.F.	123930	121410	38930	45240	27500	94530	122320	97720	134400	69590	30270	62040

Water diverted 1028570 A.F.

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	6	9	0	23	18	12	11	15
2	11	10	0	21	18	12	11	15
3	10	12	0	19	18	14	11	14
4	8	12	0	18	17	14	10	12
5	7	12	0	16	17	15	18	13
6	7	12	0	14	17	15	21	12
7	10	12	0	16	16	14	20	12
8	7	12	0	17	16	15	18	11
9	8	12	0	16	17	16	17	10
10	10	12	0	16	16	17	16	3
11	10	12	0	16	17	7	17	20
12	11	12	0	15	16	13	16	19
13	10	12	0	14	16	15	16	19
14	10	12	0	14	16	12	8	18
15	10	13	0	14	17	14	6	20
16	10	14	0	15	17	15	16	19
17	10	12	0	16	17	14	17	13
18	10	11	0	26	15	14	18	15
19	9	11	0	27	14	12	16	16
20	8	11	0	28	14	12	15	22
21	7	11	0	27	14	12	17	17
22	10	10	0	26	14	13	18	20
23	9	10	0	26	14	14	17	16
24	9	9	0	23	14	14	16	15
25	10	8	0	26	14	15	17	16
26	10	8	0	31	16	15	15	16
27	10	5	10	28	17	14	13	16
28	10	0	23	23	17	13	14	15
29	9	0	24	22	18	10	14	15
30	9	0	24	19	17	10	12	14
31	9	--	--	18	--	11	14	--
Mean	9	10	3	20	16	13	15	15
Max.	11	14	24	31	18	17	21	22
Min.	6	0	0	14	14	7	6	3
A.F.	560	590	160	1250	960	820	920	910
Water diverted	6170 A.F.						Accruals reported	
							D-340-1028	1462

DAILY DIVERSIONS OF CANALS--1955

COURTLAND CANAL from Republican River--Measured through orifice--Sec. 18-1-9 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	51	40	138	111
2	15	0	48	37	149	108
3	12	0	42	37	161	103
4	7	0	40	37	164	106
5	0	0	36	37	164	97
6	0	33	34	39	166	91
7	0	62	32	42	166	94
8	0	65	28	43	166	95
9	0	65	37	43	166	88
10	0	62	55	43	164	81
11	0	53	56	46	155	81
12	0	53	56	48	142	81
13	0	53	56	49	135	81
14	0	53	58	47	133	81
15	0	53	49	48	131	78
16	0	52	44	52	126	43
17	0	54	47	48	126	21
18	0	56	20	50	126	15
19	0	55	0	74	126	13
20	0	55	21	73	124	13
21	0	52	42	90	124	15
22	0	51	43	109	128	15
23	0	53	43	110	128	10
24	0	55	44	114	124	8
25	0	53	44	114	116	9
26	0	53	44	112	108	4
27	0	51	44	116	108	0
28	0	51	44	130	111	0
29	0	49	43	131	114	0
30	0	49	42	132	114	0
31	0	49	—	136	114	—
Mean	2	45	41	74	136	51
Max.	16	65	58	136	166	111
Min.	0	0	0	37	108	0
A.F.	100	2760	2470	4420	8360	3060
Water diverted						
21170 A.F.						
Supplemental storage available						
					Acreage reported	
					A-4222 Nebr.	1383
					Kansas	2385
					Total	3768

DAILY DIVERSIONS OF CANALS--1955

COZAD CANAL from Platte River Measured through section of canal--Sec. 13-11-25 W.

Day	May	June	July	Aug.	Sept.	
1	0	6	40	245	0	
2	0	12	37	245	0	
3	0	22	38	243	0	
4	14	17	30	221	0	
5	49	17	43	222	0	
6	60	22	46	225	0	
7	60	28	43	229	0	
8	64	27	63	229	0	
9	60	33	80	230	0	
10	69	30	75	217	0	
11	69	27	104	181	0	
12	72	26	178	171	0	
13	66	28	241	143	0	
14	66	26	253	143	0	
15	66	33	277	148	0	
16	80	31	312	137	0	
17	104	38	307	135	0	
18	61	32	320	138	0	
19	73	28	343	151	0	
20	49	23	294	176	0	
21	20	14	281	174	0	
22	28	25	265	168	0	
23	35	40	259	52	6	
24	40	36	218	0	34	
25	44	34	219	0	48	
26	34	36	242	0	36	
27	28	39	249	0	15	
28	27	44	253	0	0	
29	23	28	262	0	0	
30	8	23	261	0	0	
31	2	—	257	0	—	
Mean	44	28	190	136	46	
Max.	104	44	343	245	48	
Min.	0	6	30	0	0	
A.F.	2720	1640	11680	8380	270	
Water diverted						
24690 A.F.						
Sutherland Storage Included						
					Acreage reported	
					D-626	25220

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	0	0	2	0
3	0	0	0	1	0
4	0	0	0	1	0
5	0	0	0	1	0
6	0	0	14	1	0
7	10	0	17	1	0
8	10	0	15	1	0
9	9	0	13	1	0
10	9	0	11	1	0
11	8	0	9	1	0
12	8	0	9	1	0
13	7	0	9	1	0
14	6	0	9	1	0
15	6	0	8	0	0
16	7	0	7	0	0
17	7	0	6	0	0
18	8	0	5	0	0
19	3	0	5	0	0
20	0	0	4	0	0
21	0	0	4	0	0
22	0	0	4	0	0
23	0	0	4	0	0
24	0	0	4	0	0
25	0	0	3	0	0
26	0	0	3	0	0
27	0	0	4	0	0
28	0	0	3	0	0
29	0	0	3	0	0
30	0	0	3	0	0
31	0	—	2	0	—
Mean	3	—	6	1	—
Max.	10	—	17	2	—
Min.	0	—	0	0	—
A.F.	190	—	350	30	—
Water withdrawn					
570 A.F.					

DAILY DIVERSIONS OF CANALS--1955

CULBERTSON CANAL from Frenchman River Measured through rating flume--Sec. 31-5-33 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.	
1	108	0	99	79	101	104	103	
2	105	0	102	88	101	100	104	
3	58	0	102	94	108	97	105	
4	25	0	96	89	106	96	105	
5	12	0	94	89	104	96	99	
6	0	0	96	87	105	98	96	
7	0	0	97	94	103	104	95	
8	0	0	100	94	100	107	93	
9	0	0	100	95	107	114	88	
10	0	0	100	96	109	117	93	
11	0	0	101	97	106	110	101	
12	0	0	101	98	103	116	106	
13	0	0	102	97	102	110	103	
14	0	0	102	96	104	108	103	
15	0	0	103	96	105	107	98	
16	0	0	103	97	98	103	99	
17	0	0	106	125	93	107	101	
18	0	62	102	47	89	107	107	
19	0	95	93	47	95	106	105	
20	0	94	94	49	92	106	101	
21	0	96	93	77	91	107	106	
22	0	98	94	91	91	109	102	
23	0	101	90	88	90	112	105	
24	0	101	80	79	90	105	102	
25	0	102	77	86	88	99	103	
26	0	98	74	87	86	98	99	
27	0	105	56	90	90	100	103	
28	0	104	58	94	98	103	105	
29	0	102	72	90	98	108	103	
30	0	95	64	88	102	100	106	
31	0	—	65	—	102	100	—	
Mean	10	42	91	87	99	105	101	
Max.	108	105	106	125	109	117	107	
Min.	0	0	56	47	86	96	88	
A.F.	610	2490	5590	5200	6060	6450	6030	
Water diverted								
32430 A.F.								
							Acreage reported	
							D-24, 25, 29, 30	9371

DAILY DIVERSIONS OF CANALS--1955

DAWSON COUNTY CANAL from Platte River  
Measured through section of canal--Sec. 7-10-23 W.

Day	Oct.	May	June	July	Aug.	Sept.	
1	144	0	59	107	317	260	
2	196	66	53	88	305	204	
3	128	91	106	85	309	202	
4	66	99	103	53	317	207	
5	0	60	136	67	335	209	
6	0	95	165	102	359	210	
7	0	116	167	129	381	212	
8	0	126	176	107	348	212	
9	0	118	167	118	307	200	
10	0	122	145	170	374	219	
11	0	138	122	180	442	221	
12	0	170	122	192	458	221	
13	0	197	124	189	354	197	
14	0	156	116	209	387	183	
15	0	157	86	325	398	172	
16	0	207	109	309	417	164	
17	0	240	82	348	408	145	
18	0	181	73	361	376	157	
19	0	186	65	265	313	160	
20	0	184	58	256	305	160	
21	0	170	51	222	294	165	
22	0	116	50	224	262	167	
23	0	121	87	231	226	150	
24	0	135	102	315	236	140	
25	0	175	112	346	217	125	
26	0	152	135	333	200	99	
27	0	136	146	325	256	56	
28	0	133	145	321	258	61	
29	0	111	144	279	260	53	
30	0	107	140	284	240	60	
31	0	82	---	313	229	---	
Mean	15	134	112	221	319	164	
Max.	144	240	176	361	458	221	
Min.	0	0	50	53	200	53	
A.F.	940	8210	6640	13590	19610	9780	
Water diverted							
58770 A.F.							

Acreage reported

D-621	520
D-622	65730
D-624	5640
A-2039	5128
A-2093	213
A-2110	18146
A-2145	985
A-2262	890
Total	97252

Sutherland Storage Available

DAILY DIVERSIONS OF CANALS--1955

ELM CREEK CANAL from Platte River  
Measured through rating flume--Sec. 5-8-19 W.

Day	Oct.	May	June	July	Aug.	Sept.	
1	36	0	32	19	56	0	
2	34	0	25	16	70	0	
3	23	0	31	15	76	0	
4	2	0	29	14	64	0	
5	1	15	28	15	95	0	
6	1	1	30	18	102	0	
7	14	21	30	31	102	0	
8	15	29	30	29	101	0	
9	15	27	31	33	102	0	
10	15	24	32	32	100	0	
11	18	28	33	37	59	0	
12	16	28	31	36	82	0	
13	14	28	30	48	83	0	
14	2	27	29	42	82	0	
15	3	26	27	40	83	0	
16	3	27	13	56	81	0	
17	3	32	18	50	80	0	
18	3	32	16	50	82	0	
19	3	37	13	36	76	0	
20	4	24	24	48	15	0	
21	2	32	17	84	9	0	
22	0	53	11	80	6	0	
23	0	53	18	80	0	0	
24	0	30	6	72	0	6	
25	0	33	6	78	0	25	
26	0	40	5	94	7	47	
27	0	32	7	63	0	10	
28	0	28	12	99	8	11	
29	0	17	25	100	10	7	
30	0	22	20	96	6	6	
31	0	25	---	79	1	---	
Mean	7	25	22	51	53	4	
Max.	36	53	33	100	102	47	
Min.	0	0	5	14	0	0	
A.F.	450	1530	1310	3150	3250	220	
Water diverted							
9910 A.F.							
Sutherland storage available							

Acreage reported	
A-2093R	68
A-2104	15673
Total	15741

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.	
1	43	0	42	6	86	67	
2	43	14	39	6	89	56	
3	43	25	36	6	86	79	
4	43	34	39	5	77	90	
5	44	34	37	5	83	86	
6	44	36	36	10	92	81	
7	48	36	45	48	90	82	
8	46	37	51	54	91	81	
9	20	39	51	49	92	89	
10	0	42	52	41	90	88	
11	0	43	53	37	89	91	
12	0	41	54	36	87	89	
13	0	40	54	50	86	90	
14	0	36	55	94	71	86	
15	0	35	34	92	64	83	
16	0	39	41	86	59	81	
17	0	19	39	77	57	82	
18	0	56	37	64	65	76	
19	0	41	43	55	76	67	
20	0	48	47	51	54	65	
21	0	63	47	45	53	67	
22	0	55	47	48	57	75	
23	0	53	46	55	64	78	
24	0	44	46	79	74	79	
25	0	49	48	75	74	81	
26	0	86	48	64	75	72	
27	0	44	31	85	72	65	
28	0	36	10	98	65	51	
29	0	41	8	89	67	52	
30	0	39	8	88	80	49	
31	0	37	---	88	78	---	
Mean	12	40	41	54	76	76	
Max.	48	86	55	98	92	91	
Min.	0	0	8	5	53	49	
A.F.	740	2460	2430	3340	4650	4520	
Water diverted							
18140 A.F.							

DAILY DIVERSIONS OF CANALS--1955

ENTERPRISE CANAL from Wet Spotted Tail  
Measured in channel of stream--Sec. 22-23-56 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	9	0	5	4	5	7
2	9	5	5	4	5	7
3	9	5	5	4	5	7
4	9	5	5	4	5	7
5	9	5	5	4	5	7
6	9	5	5	4	6	7
7	9	5	5	4	6	7
8	9	4	5	4	6	7
9	9	4	5	4	6	7
10	0	4	5	4	6	7
11	0	4	5	4	6	7
12	0	4	5	4	6	7
13	0	4	5	4	6	7
14	0	4	5	4	6	7
15	0	4	5	5	6	7
16	0	5	5	5	6	7
17	0	6	5	5	6	7
18	0	6	5	5	6	7
19	0	6	5	5	6	7
20	0	6	5	5	6	7
21	0	6	5	5	7	7
22	0	6	5	5	7	7
23	0	6	5	5	7	7
24	0	6	5	5	7	7
25	0	6	5	5	7	7
26	0	6	5	5	7	7
27	0	6	4	5	7	7
28	0	6	4	5	7	7
29	0	6	4	5	7	7
30	0	6	4	5	7	7
31	0	5	-	5	7	-
Mean	3	5	5	5	6	7
Max.	9	6	5	5	7	7
Min.	0	0	4	4	5	7
A.F.	160	310	290	280	380	420

Water diverted 1840 A.F.

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

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

Water diverted 430 A.F.

DAILY DIVERSIONS OF CANALS--1955

ENTERPRISE CANAL from Stewart Drain  
Measured in channel of drain  
Sec. 13-23-57 W.

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

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	0	7	0	0	15	11
2	0	4	0	0	16	16
3	0	4	0	0	18	15
4	0	13	0	0	18	0
5	0	18	0	0	18	0
6	0	7	0	0	0	0
7	0	8	0	0	0	0
8	0	8	0	0	0	0
9	0	9	0	0	0	0
10	0	10	0	0	0	0
11	0	11	0	0	0	0
12	0	15	0	0	0	0
13	0	17	0	0	0	0
14	0	17	0	0	0	0
15	0	17	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	4	0	0	0	0
21	0	4	0	0	0	0
22	0	0	0	0	0	0
23	0	1	0	0	0	0
24	0	1	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	-	0	0	-
Mean	0	6	0	0	9	10
Max.	0	18	0	0	16	16
Min.	0	0	0	0	0	0
A.F.	0	350	0	0	530	630

Water diverted 1590 A.F.

DAILY DIVERSIONS OF CANALS—1955

ENTERPRISE CANAL  
Summary in Acre-feet—1955

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	740	2460	2430	3340	4650	4520	18140
Wet Spotted Tail.....	160	310	290	280	380	420	1840
Morrill Drain.....	50	30	30	80	110	130	430
Stewart Drain.....	0	0	0	0	0	0	0
Tub Springs.....	0	350	0	530	630	80	1590
Total diversion.....	950	3150	2750	4230	5770	5150	22000

Water diverted  
22000 A.F.

Acreage reported  
D-920 7572

DAILY DIVERSIONS OF CANALS—1955

FORSYTH-KINNEY CANAL from  
Lodgepole Creek--Measured through  
rating flume--Sec. 33-15-56 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	0	0	2	0
3	0	0	0	1	0
4	0	0	4	1	0
5	0	0	4	1	0
6	0	0	4	1	0
7	0	2	3	1	0
8	0	2	4	0	0
9	0	3	4	0	0
10	0	2	3	0	0
11	0	2	4	0	0
12	0	3	4	0	1
13	1	3	4	0	3
14	1	3	2	0	3
15	1	3	2	0	2
16	0	3	1	0	2
17	0	3	2	0	2
18	0	0	2	0	2
19	0	0	3	0	2
20	0	0	2	0	0
21	0	0	2	0	0
22	0	0	2	0	0
23	0	0	2	0	0
24	0	0	2	0	0
25	0	0	3	0	0
26	0	0	2	0	0
27	0	0	2	0	0
28	0	0	2	0	0
29	0	0	2	0	0
30	0	0	2	0	0
31	0	-	2	0	-
Mean	0	1	2	0	1
Max.	1	3	4	2	3
Min.	0	0	0	0	0
A.F.	10	60	150	20	30
Water diverted					
270 A.F.					
Acreage reported					
D-348					182
A-718					54
Total					236

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

Day	May	June	July	Aug.	Sept.
1	0	0	0	1263	1253
2	0	0	0	1272	1240
3	0	0	0	1301	1192
4	0	0	0	1322	1149
5	0	0	0	1322	1114
6	0	0	0	1304	1106
7	0	0	0	1263	1110
8	0	0	19	1230	1101
9	0	0	121	1215	1077
10	0	0	457	1220	1063
11	0	0	701	1223	1051
12	0	0	959	1269	1063
13	0	0	1073	1211	1076
14	0	0	1075	1201	1057
15	0	0	1117	1302	1051
16	0	0	1173	1352	1043
17	0	0	1313	1364	1038
18	0	0	1352	1361	1053
19	0	0	1349	1358	1068
20	0	0	1352	1358	1065
21	0	0	1355	1361	1027
22	0	0	1355	1364	959
23	0	0	1361	1358	875
24	0	0	1367	1352	611
25	0	261	1370	1355	489
26	0	0	1367	1358	198
27	0	0	1352	1352	0
28	0	0	1284	1308	0
29	0	0	1266	1263	0
30	0	0	1266	1250	0
31	0	-	1266	1253	-
Mean	0	9	860	1300	871
Max.	0	261	1370	1364	1253
Min.	0	0	0	1201	0
A.F.	0	520	52900	79900	51830
Water diverted					
185150 A. F.					
Pathfinder storage included					
Total					105056

Acreage reported  
A-768Nebr. 54846  
A-768Wyo. 50210  
Total 105056



DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	34	26	98	56
2	0	32	26	100	50
3	0	21	26	100	46
4	0	26	27	100	43
5	0	0	28	97	45
6	0	0	28	93	41
7	0	0	32	92	36
8	0	0	34	92	36
9	0	0	34	92	35
10	0	0	40	86	30
11	0	0	42	78	30
12	3	0	45	71	27
13	15	0	49	71	22
14	15	0	49	71	22
15	17	0	49	68	22
16	20	0	47	61	20
17	33	8	45	62	19
18	42	22	46	62	20
19	42	24	49	62	20
20	42	28	49	62	21
21	42	33	52	62	21
22	41	34	53	62	18
23	41	34	58	62	16
24	41	32	66	59	16
25	41	27	70	56	16
26	41	27	77	57	16
27	41	27	79	60	6
28	41	27	81	60	0
29	41	26	80	64	0
30	41	26	90	64	0
31	38	--	97	63	--
Mean	22	16	51	74	25
Max.	42	34	97	100	56
Min.	0	0	26	56	0
A.F.	1340	970	3120	4540	1490
Water diverted				Acreage reported	
11460 A.F.				A-2591a	4521
				A-4216	182
Supplemental Storage Available			Total		4763

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	0	0	47	30
2	0	0	0	44	29
3	0	0	0	45	27
4	4	0	0	44	26
5	14	0	0	40	25
6	14	0	0	38	25
7	15	0	0	41	17
8	15	0	0	41	12
9	16	0	0	41	13
10	16	0	0	40	13
11	7	0	8	39	13
12	4	0	9	41	12
13	14	0	13	40	5
14	13	0	13	40	0
15	13	0	14	40	0
16	14	0	15	35	0
17	16	0	15	32	0
18	14	0	15	31	0
19	13	0	15	29	8
20	12	0	15	27	8
21	4	0	15	26	0
22	0	0	15	26	0
23	0	0	15	18	0
24	0	0	15	13	0
25	0	0	15	12	0
26	0	0	18	14	0
27	0	0	23	15	0
28	0	0	29	15	0
29	0	0	35	22	0
30	0	0	40	28	0
31	0	--	45	30	--
Mean	7	0	13	32	9
Max.	16	0	45	47	30
Min.	0	0	0	12	0
A.F.	430	0	790	1970	520
Water diverted				Acreage reported	
3710 A.F.				A-4227	2233
Supplemental storage included					

DAILY DIVERSIONS OF CANALS--1955

FRENCH CANAL from North Platte River  
Measured through orifice--Sec. 9-23-60 W., Wyoming

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

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	51	154	0	0	0	305	85
2	100	154	0	0	54	314	95
3	100	157	0	0	96	208	94
4	109	155	0	0	129	108	94
5	112	155	0	0	122	92	148
6	108	120	0	0	22	80	101
7	102	32	0	0	62	33	100
8	96	0	0	0	78	0	95
9	91	0	0	0	73	0	92
10	88	0	0	0	75	0	89
11	88	0	0	0	77	50	92
12	87	0	0	0	75	78	90
13	91	0	0	0	130	78	87
14	93	0	0	0	74	80	100
15	92	0	0	0	124	60	97
16	94	0	0	0	120	78	97
17	97	0	0	0	119	111	24
18	88	0	0	0	119	143	0
19	76	0	0	0	116	147	0
20	64	0	0	0	140	146	0
21	62	0	0	0	157	149	0
22	61	0	0	0	158	113	0
23	60	0	0	0	162	151	0
24	60	0	0	0	162	155	0
25	62	0	0	0	160	130	0
26	52	0	0	0	149	105	0
27	48	0	0	0	158	98	0
28	50	0	0	0	85	97	0
29	52	0	0	0	112	97	0
30	52	0	0	0	120	97	0
31	52	--	0	--	126	113	--
Mean	79	31	0	0	108	110	53
Max.	112	157	0	0	162	314	148
Min.	48	0	0	0	0	0	0
A.F.	4840	1840	0	0	6650	6780	3130
Water diverted						Acreage reported	
23240 A.F.						A-365R	14310
Pathfinder storage included							

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	129	77	105	88	126	112	136	105	108	185	367	192
2	114	81	112	141	126	122	168	126	212	195	362	174
3	76	85	168	152	134	143	143	186	206	162	367	193
4	84	48	134	134	106	133	135	206	238	201	369	204
5	114	45	122	94	185	142	132	234	281	257	376	204
6	123	43	126	32	173	166	128	208	287	293	376	202
7	130	43	151	47	163	159	154	250	299	281	383	193
8	112	43	93	65	159	193	138	246	295	299	374	188
9	98	66	39	67	130	176	128	261	285	307	367	206
10	94	52	36	85	137	140	129	269	279	261	364	185
11	88	43	88	124	155	129	130	273	252	339	360	181
12	78	41	119	125	128	114	159	303	257	324	346	186
13	72	49	158	128	146	101	162	279	186	360	328	202
14	67	66	136	147	159	98	148	289	156	371	311	204
15	68	41	95	126	157	93	151	337	169	364	307	233
16	72	116	86	152	130	82	138	326	164	367	297	225
17	68	102	48	106	136	148	130	309	130	364	281	204
18	72	97	61	128	117	148	124	299	71	374	267	219
19	71	97	133	140	55	134	118	297	65	392	208	263
20	98	95	122	179	98	135	120	275	107	385	190	281
21	54	94	157	144	155	101	156	181	135	394	166	314
22	44	94	111	138	137	141	124	221	202	385	154	307
23	40	135	114	155	138	149	124	236	223	383	181	326
24	38	105	104	155	142	136	148	291	227	376	159	322
25	57	107	107	149	141	58	123	291	246	362	140	275
26	57	102	111	161	106	49	112	279	252	371	129	216
27	49	94	113	134	98	41	112	273	267	374	193	171
28	40	91	74	124	98	119	161	221	297	376	186	174
29	59	104	73	153	—	124	120	132	269	364	180	201
30	44	141	88	130	—	152	107	94	195	367	180	190
31	42	—	51	129	—	144	—	80	—	369	178	—
Mean	76	80	104	124	133	125	135	238	212	329	272	221
Max.	129	135	168	179	185	193	168	337	299	394	383	326
Min.	38	41	36	32	55	41	107	80	65	162	129	171
A.F.	4670	4750	6420	7600	7410	7700	8050	14630	12610	20240	16750	13160

Water diverted 123990 A.F.

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	69	31	103	83	120	89	151	21	17	85	71	139
2	57	47	79	132	124	113	140	38	52	81	86	145
3	36	59	143	111	114	130	146	69	88	64	101	151
4	17	76	152	132	74	145	136	104	90	44	98	151
5	16	57	132	102	95	119	122	113	132	103	96	156
6	15	24	107	16	154	142	107	111	142	127	95	159
7	50	40	99	17	155	162	130	122	143	130	94	155
8	69	52	106	40	154	162	153	126	146	132	96	154
9	36	30	40	90	148	178	129	120	154	146	117	156
10	22	60	16	45	137	185	119	133	144	108	123	156
11	19	36	39	90	151	146	123	136	138	106	124	154
12	18	29	64	132	151	124	139	148	126	119	114	153
13	16	32	87	123	127	93	151	134	114	113	117	153
14	16	54	140	148	139	87	152	132	54	128	117	153
15	15	44	103	159	151	84	152	148	57	76	117	151
16	15	42	86	157	129	73	145	161	85	70	118	139
17	15	115	91	161	117	99	130	155	62	71	125	132
18	28	90	96	132	131	160	124	147	48	42	136	132
19	68	84	148	110	77	156	105	163	24	24	131	132
20	44	89	124	139	21	110	104	132	12	24	143	129
21	71	92	118	162	129	40	137	49	2	24	130	137
22	45	92	141	144	139	105	128	83	52	26	108	150
23	35	103	110	131	124	160	109	88	95	37	131	142
24	28	124	109	152	134	155	144	134	94	49	114	142
25	44	104	109	142	142	48	142	153	121	50	98	147
26	60	97	106	144	112	50	83	164	130	64	87	107
27	45	94	99	124	82	36	72	166	147	70	144	98
28	36	89	38	117	79	32	74	178	161	70	150	13
29	38	88	41	111	—	110	66	132	166	70	144	12
30	53	95	69	108	—	158	20	45	118	70	141	13
31	36	—	99	108	—	155	—	18	—	69	135	—
Mean	37	69	97	115	122	116	121	117	97	77	115	128
Max.	71	124	152	162	155	185	153	178	166	146	150	159
Min.	15	24	16	16	21	40	20	18	2	24	71	12
A.F.	2240	4100	5940	7070	6760	7160	7210	7190	5800	4740	7060	7640

Water returned 72910 A.F.

DAILY DIVERSIONS OF CANALS--1955

COTTEMBURG IRRIGATION CANAL from Platte River  
Measured through Marshall flume--Sec. 28-12-26 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	45	0	80	87	82	281	23
2	46	0	79	149	97	258	0
3	32	0	102	98	84	244	9
4	65	0	79	128	148	249	20
5	96	0	97	121	132	259	14
6	106	0	73	115	139	260	8
7	69	0	102	126	123	268	4
8	28	0	93	117	139	257	0
9	55	0	115	97	129	225	16
10	68	0	108	103	129	215	0
11	65	0	108	84	210	210	0
12	56	0	122	104	179	207	0
13	54	0	116	47	222	186	16
14	49	0	129	91	215	169	18
15	51	0	156	101	272	165	49
16	55	0	130	61	282	153	56
17	51	0	120	55	278	129	44
18	37	0	120	12	323	102	59
19	0	0	99	37	364	49	103
20	0	0	115	93	357	17	124
21	0	0	121	132	366	8	148
22	0	0	121	139	355	22	124
23	0	0	128	107	337	22	154
24	0	0	128	112	316	20	150
25	0	0	105	99	301	20	96
26	0	12	79	94	294	24	86
27	0	25	71	88	289	17	124
28	0	72	4	101	291	3	159
29	0	40	0	67	279	4	187
30	0	83	40	51	282	9	175
31	0	—	58	—	285	14	—
Mean	33	8	97	94	235	131	66
Max.	106	83	156	139	366	281	187
Min.	0	0	0	12	82	3	0
A.F.	2040	460	5950	5580	14480	8060	3900

Water diverted  
40470 A.f.  
Sutherland Storage Included

Acreage reported  
D-645a 820  
D-645b 17000  
A-3716 4585  
Total 22405

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	16	0	0	4	2	3
2	16	0	0	6	2	0
3	16	0	1	7	0	3
4	15	0	3	7	0	1
5	6	0	3	7	0	0
6	3	0	3	8	0	2
7	2	0	3	18	0	1
8	2	0	2	23	0	0
9	8	12	2	25	0	0
10	9	12	2	24	0	0
11	9	14	2	18	11	0
12	9	15	1	15	15	0
13	9	17	1	13	21	0
14	8	18	1	16	25	0
15	8	14	2	18	24	0
16	8	20	2	20	20	0
17	8	25	1	18	22	8
18	8	18	1	0	21	16
19	8	12	1	0	21	16
20	8	11	1	0	20	23
21	7	11	1	1	21	27
22	8	7	1	2	15	27
23	7	5	1	0	0	29
24	8	5	1	0	2	33
25	5	5	1	3	3	34
26	0	3	1	1	1	29
27	0	1	1	16	0	29
28	0	0	12	1	0	26
29	0	0	10	3	0	25
30	0	0	5	1	0	25
31	0	0	—	0	4	—
Mean	7	7	2	9	8	12
Max.	16	25	12	25	25	34
Min.	0	0	0	0	0	0
A.F.	420	450	130	540	500	700

Water diverted  
2740 A.F.

Acreage reported  
D-763R 85  
D-781R 15  
D-788 1289  
Total 2089

DAILY DIVERSIONS OF CANALS--1955

HAIGLER CANAL from Republican River  
Measured through section of canal  
Sec. 2-1-43 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	—	—	—	—	—	35	39
2	—	—	—	—	—	31	40
3	—	—	—	—	—	35	—
4	—	—	—	—	—	29	37
5	34	—	—	—	—	31	—
6	—	—	—	—	44	—	37
7	—	—	—	—	—	28	37
8	—	—	—	—	—	—	—
9	—	—	—	34	—	28	38
10	—	—	41	—	—	38	—
11	—	—	—	—	—	51	38
12	—	—	—	—	—	48	—
13	—	—	—	—	—	—	—
14	—	—	—	—	—	—	39
15	—	—	—	—	—	—	—
16	—	—	—	—	—	47	42
17	—	—	—	—	—	45	—
18	—	35	—	—	31	36	41
19	20	—	—	—	30	36	41
20	—	—	—	—	24	—	—
21	—	—	—	39	30	42	43
22	—	—	—	—	35	42	—
23	—	—	—	—	38	37	37
24	—	—	28	—	36	43	—
25	—	—	—	—	35	—	32
26	—	—	—	—	—	35	—
27	—	—	—	—	47	27	25
28	—	—	—	—	40	—	—
29	—	—	—	—	—	34	28
30	—	—	—	—	37	34	28
31	—	—	—	—	—	38	—

Note: Record from intermittent readings by gage observer and hydrographer.

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	0	3	2	4
2	0	0	4	2	4
3	0	0	4	1	4
4	1	0	3	1	0
5	3	0	5	1	0
6	3	0	4	0	0
7	2	0	6	0	0
8	3	0	3	0	0
9	0	0	2	2	0
10	0	0	4	2	0
11	0	0	2	1	0
12	3	0	3	1	0
13	4	0	3	1	0
14	4	0	2	1	0
15	3	0	2	1	0
16	5	0	3	1	0
17	0	0	2	1	0
18	0	0	2	2	0
19	0	0	2	1	0
20	0	0	1	1	0
21	0	0	1	1	0
22	0	0	1	2	0
23	0	0	1	1	0
24	0	0	1	2	0
25	0	0	4	2	0
26	0	5	1	4	0
27	0	5	2	3	0
28	0	5	1	2	0
29	0	5	1	2	0
30	0	3	1	2	0
31	0	—	1	2	—
Mean	1	—	2	1	1
Max.	5	5	6	4	4
Min.	0	0	1	0	0
A.F.	60	50	150	90	20

Water diverted  
370 A.F.

Acreage reported  
D-354 180  
A-4818 67  
Total 247

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	14	0	0	13	12	12
2	14	0	0	12	12	12
3	14	0	0	12	12	12
4	15	5	0	12	12	12
5	15	15	0	12	12	12
6	15	14	0	13	12	11
7	15	14	0	13	13	13
8	15	13	0	13	13	13
9	15	13	0	13	13	13
10	15	12	0	12	10	12
11	15	13	0	11	5	11
12	15	13	0	11	14	12
13	15	13	0	13	13	12
14	15	15	0	13	10	12
15	15	17	0	12	7	13
16	16	15	1	12	13	13
17	16	15	0	12	12	13
18	15	14	0	11	12	13
19	15	12	0	11	12	13
20	15	10	0	12	12	13
21	15	12	0	14	13	14
22	15	14	0	13	12	12
23	15	15	0	11	12	12
24	14	14	0	11	12	14
25	14	16	0	12	12	17
26	10	15	0	13	12	14
27	0	4	11	14	12	11
28	0	0	15	10	14	11
29	0	0	12	10	12	11
30	0	0	12	11	12	12
31	0	0	--	12	12	--
Mean	12	10	2	12	12	12
Max.	16	17	15	14	14	17
Min.	0	0	0	10	5	11
A.F.	760	620	100	740	730	740
Water diverted	3690 A.F.					
Crescent storage available						

Acres reported  
D-781 858  
D-788R 12  
Total 877

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

Day	Dec.	Apr.	May	June	July	Aug.	Sept.
1	0	0	979	0	0	1597	1503
2	0	0	940	0	0	1597	1496
3	262	0	730	0	0	1597	1447
4	590	0	500	0	0	1594	1454
5	851	0	232	0	0	1618	1454
6	901	250	0	0	0	1621	1447
7	898	498	0	0	0	1541	1405
8	907	715	0	354	0	1396	1402
9	919	843	0	502	55	1402	1408
10	925	853	0	354	149	1447	1354
11	922	913	0	322	264	1520	1306
12	922	1015	0	330	462	1566	1207
13	916	970	0	304	768	1527	1156
14	508	967	0	286	961	1387	1155
15	64	976	0	316	1168	1636	1156
16	0	979	0	316	1363	1639	1150
17	0	979	0	324	1538	1639	1150
18	0	982	0	420	1542	1632	1147
19	0	979	0	705	1538	1639	1150
20	0	970	0	665	1545	1636	1156
21	0	979	0	585	1597	1636	1147
22	0	982	0	466	1594	1636	1144
23	0	979	0	432	1601	1639	1075
24	0	988	0	370	1601	1671	700
25	0	991	0	565	1601	1674	125
26	0	982	0	500	1604	1674	0
27	0	976	0	0	1597	1664	0
28	0	976	0	0	1597	1650	0
29	0	976	0	0	1597	1597	0
30	0	976	0	0	1597	1548	0
31	0	--	0	--	1594	1545	--
Mean	309	756	109	271	933	1586	1010
Max.	925	1015	979	705	1604	1674	1503
Min.	0	0	0	0	0	1396	0
A.F.	19010	45010	6710	16100	57390	97520	60080
Water diverted	301820 A. F.						
Pathfinder storage included							
Acres reported	A-768 Wyo. 111855						
Total	A-768 Wyo. 16100 127955						

DAILY DIVERSIONS OF CANALS--1955

KEARNEY CANAL from Platte River  
Measured through section of canal--Sec. 33-9-17 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	45	0	106	77	149	130	126	74	153	145	130	10
2	16	0	89	86	143	75	95	71	142	165	93	6
3	13	0	244	127	124	74	11	77	152	181	79	18
4	11	0	272	18	115	10	0	83	144	173	58	10
5	10	0	270	13	141	10	0	75	148	165	48	10
6	0	0	213	10	147	10	0	79	135	126	63	35
7	0	0	249	8	169	50	0	61	116	61	51	44
8	0	0	166	13	168	70	0	45	124	39	46	35
9	0	0	156	43	169	80	0	44	141	55	50	36
10	0	156	130	115	146	70	0	40	157	36	136	41
11	0	314	66	173	59	90	0	36	160	24	51	48
12	0	324	59	194	60	120	0	33	156	30	50	48
13	0	320	57	256	85	150	0	30	156	64	72	47
14	0	317	56	260	81	150	0	28	149	183	55	41
15	0	324	38	228	73	190	0	26	157	52	67	29
16	0	328	23	214	72	170	0	26	204	53	59	17
17	0	338	76	206	72	160	0	28	62	61	76	18
18	0	341	143	187	69	141	0	113	128	54	46	47
19	0	333	154	208	45	86	0	107	164	33	59	47
20	0	325	183	203	66	0	0	98	160	48	86	33
21	0	320	184	206	64	0	0	83	138	67	105	34
22	0	322	237	201	76	0	0	83	132	113	42	49
23	0	327	295	210	88	0	0	124	132	96	49	37
24	0	335	205	228	65	0	0	150	128	56	51	38
25	0	338	325	272	87	0	0	144	136	24	67	102
26	0	343	325	249	160	0	0	151	136	54	16	185
27	0	343	231	176	160	0	0	191	144	80	3	187
28	0	338	60	135	90	99	0	214	126	62	86	239
29	0	276	42	128	--	83	12	202	35	69	24	234
30	0	346	50	127	--	111	65	193	54	167	2	204
31	0	--	51	138	--	124	--	171	--	167	6	--
Mean	3	224	153	152	105	73	10	93	136	87	58	64
Max.	45	346	325	272	169	190	126	214	204	183	136	239
Min.	0	0	23	8	45	0	0	26	35	24	2	6
A.F.	190	13310	9430	9340	5840	4470	610	5710	8070	5360	3590	3830
Water diverted	69750 A.F.											
Sutherland Storage Available												
Acres reported	D-1023 4953											

DAILY DIVERSIONS OF CANALS--1955

KEARNEY POWER RETURN to Platte River  
Measured in section of canal--Sec. 35-9-16 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	94	0	129	48	143	122	119	28	156	73	44	0
2	24	0	143	107	142	69	121	19	160	118	32	0
3	14	0	250	168	129	14	16	35	164	180	0	0
4	1	0	255	110	132	2	0	35	142	160	0	0
5	0	0	255	112	154	16	0	28	146	150	0	0
6	0	0	237	29	146	0	0	25	145	126	0	0
7	0	0	262	29	160	44	0	55	126	59	0	0
8	0	0	236	26	160	66	0	16	97	37	0	0
9	0	0	167	66	160	77	0	1	153	5	0	0
10	0	112	154	116	140	68	0	17	140	11	9	0
11	0	266	82	132	55	80	0	6	174	0	40	1
12	0	267	51	125	56	115	0	0	168	0	0	0
13	0	284	35	173	79	135	0	0	166	0	0	0
14	0	284	63	202	75	143	0	0	159	159	0	0
15	0	294	58	205	68	173	0	0	159	34	0	0
16	0	292	63	185	67	159	0	0	192	0	0	0
17	0	294	56	187	26	153	0	17	248	0	2	0
18	0	297	90	183	64	154	0	121	45	0	0	0
19	0	297	80	178	42	127	0	101	180	0	0	0
20	0	286	96	174	61	44	0	84	153	0	0	0
21	0	287	228	187	59	108	0	86	153	0	6	0
22	0	282	237	196	70	59	0	82	142	0	6	22
23	0	290	266	209	82	42	0	115	124	13	0	77
24	0	290	256	202	60	31	0	129	138	7	0	40
25	0	294	266	237	65	37	0	129	119	0	0	42
26	0	287	281	244	145	44	0	138	104	0	0	159
27	0	292	289	171	147	63	0	182	132	0	0	187
28	0	279	50	167	143	54	0	188	122	0	0	194
29	0	184	17	119	—	89	0	180	68	0	0	210
30	0	281	19	126	—	119	0	174	42	50	0	203
31	0	—	56	122	—	105	—	161	—	51	0	—
Mean	4	191	152	146	101	81	9	69	141	40	4	38
Max.	94	297	289	244	160	159	121	188	248	180	44	210
Min.	0	0	17	26	26	0	0	0	42	0	0	0
A.F.	260	11380	9380	9000	5610	4980	510	4270	8360	2450	260	2250

Water returned 58710 A.F.

DAILY DIVERSIONS OF CANALS--1955

KEITH-LINCOLN COUNTY CANAL from North Platte River  
Measured through Farshall flume--Sec. 18-14-36 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	25	0	32	78	97	0
2	20	0	27	80	96	0
3	20	0	33	79	95	0
4	19	0	33	86	96	0
5	19	9	35	83	96	0
6	21	16	57	86	98	0
7	20	18	57	90	74	0
8	15	24	62	90	0	0
9	11	19	54	85	16	0
10	10	58	46	84	93	0
11	10	83	47	87	93	0
12	10	83	48	91	93	0
13	10	86	49	91	93	52
14	9	87	53	92	93	70
15	9	88	61	87	93	70
16	0	85	58	96	93	84
17	0	83	63	100	93	87
18	0	47	63	98	93	88
19	0	40	65	100	90	87
20	0	59	63	101	80	90
21	0	54	80	101	91	91
22	0	62	80	101	88	88
23	0	55	77	97	77	85
24	0	45	82	96	26	80
25	0	44	80	99	2	79
26	0	33	80	99	1	77
27	0	22	80	100	0	67
28	0	34	72	97	0	67
29	0	5	54	96	0	48
30	0	18	62	95	0	30
31	0	31	—	93	0	—
Mean	7	42	58	92	63	45
Max.	25	88	82	101	98	91
Min.	0	0	27	78	0	0
A.F.	450	2550	3480	5670	3890	2660

Water diverted 18700 A.F.  
Kingsley storage available

Acres reported  
D-722 6263

DAILY DIVERSIONS OF CANALS--1955

KIMBALL CANAL from Lodgepole  
Creek--Measured through section  
of canal--Sec. 36-15-57 W.

Day	May	June	July	Aug.	Sept.
1	0	0	20	29	35
2	0	0	20	29	32
3	0	0	29	31	32
4	0	0	31	35	32
5	0	0	32	39	21
6	0	0	33	32	0
7	0	0	38	24	0
8	0	0	38	24	0
9	0	0	38	30	0
10	0	0	38	30	0
11	0	0	37	40	0
12	0	0	37	29	27
13	0	0	35	29	27
14	0	0	34	24	26
15	0	0	38	25	26
16	0	0	38	38	26
17	0	0	38	38	26
18	0	0	39	39	26
19	0	0	39	39	0
20	0	0	40	38	0
21	0	0	41	38	0
22	0	0	41	38	0
23	0	0	34	37	0
24	0	0	36	38	0
25	0	0	31	35	0
26	0	0	30	34	0
27	0	0	30	35	0
28	0	0	28	34	0
29	0	0	28	35	0
30	0	20	28	34	0
31	0	—	29	35	—
Mean	0	1	34	33	11
Max.	0	20	41	40	35
Min.	0	0	20	24	0
A.F.	0	40	2080	2050	670

Water diverted 4840  
Oliver storage included

Acres reported  
A-897 4500

DAILY DIVERSIONS OF CANALS—1955

LAST CHANCE CANAL from Pumpkinseed Creek  
Measured through rating flume--Sec. 27-19-50 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	9	8	0	7	4	5
2	11	8	4	6	4	5
3	11	8	9	6	4	5
4	11	8	16	6	4	5
5	11	6	14	8	5	5
6	10	8	8	9	6	5
7	10	8	6	8	7	5
8	10	8	5	7	5	5
9	10	8	4	7	4	6
10	9	9	2	7	6	6
11	9	9	2	7	6	6
12	9	7	2	6	6	6
13	9	7	2	6	6	5
14	8	7	2	5	6	5
15	7	7	2	4	5	6
16	6	7	2	3	4	8
17	6	8	2	2	5	2
18	6	8	1	1	5	6
19	5	8	1	1	5	9
20	4	8	2	1	5	7
21	4	8	2	2	4	11
22	4	8	1	4	4	4
23	4	8	1	5	4	4
24	4	8	1	6	5	5
25	2	8	1	6	5	6
26	0	10	1	6	5	5
27	0	0	1	6	5	4
28	0	11	2	5	5	4
29	0	4	2	5	5	5
30	0	0	6	5	5	5
31	0	0	-	4	5	-
Mean	6	7	3	5	5	6
Max.	11	11	16	9	7	11
Min.	0	0	0	1	4	2
A.F.	370	440	210	320	300	330
Water diverted 1970 A.F.					Acres reported D-883	442

DAILY DIVERSIONS OF CANALS—1955

LISCO CANAL from North Platte River  
Measured over weir--Sec. 24-18-47 W.

Day	Oct.	Nov.	May	June	July	Aug.	Sept.
1	20	20	0	0	11	16	22
2	12	8	0	0	14	21	22
3	14	0	0	0	21	22	23
4	20	0	0	0	9	20	25
5	22	0	0	0	26	76	30
6	23	0	0	0	46	17	30
7	14	0	0	0	42	27	30
8	12	0	0	0	28	20	30
9	13	0	0	0	34	23	29
10	17	0	0	0	55	22	28
11	19	0	6	0	41	18	31
12	22	0	17	0	46	20	25
13	27	0	16	5	42	18	19
14	34	0	49	10	54	18	18
15	19	0	55	7	52	23	23
16	12	0	74	0	36	25	21
17	13	0	67	0	29	42	21
18	19	0	97	0	19	38	21
19	27	0	31	0	22	35	31
20	30	0	41	0	21	34	49
21	31	0	43	7	21	31	31
22	25	0	41	11	17	30	30
23	22	0	21	5	21	28	23
24	22	0	25	6	16	25	23
25	27	0	27	10	15	24	20
26	29	0	0	7	15	21	23
27	10	0	19	0	9	19	23
28	1	0	22	0	16	20	23
29	16	0	0	4	16	19	15
30	18	0	0	23	18	22	10
31	18	-	0	-	21	22	-
Mean	20	1	21	3	27	26	25
Max.	34	20	97	23	55	76	49
Min.	1	0	0	0	9	16	10
A.F.	1200	60	1290	190	1650	1580	1490
Water diverted 7460 A.F.						Acres reported	
						D-856	1392
						D-787R	1158
						D-796	300
						A-243R	635
						A-991	216
						A-465B	112
						A-5572	98
						Total	3911

DAILY DIVERSIONS OF CANALS--1955

LYONS CANAL from North Platte River--Measured through Parshall flume--Sec. 29-17-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	10	0	5	3	0	0
2	11	0	5	7	0	0
3	6	0	1	7	0	0
4	6	0	2	8	0	0
5	7	0	2	6	0	0
6	7	0	1	11	1	0
7	8	0	1	12	1	0
8	9	0	0	8	1	0
9	8	0	0	6	1	0
10	7	0	0	4	1	0
11	6	5	0	4	1	0
12	6	10	0	15	5	0
13	6	9	0	14	11	0
14	6	8	0	15	11	0
15	6	8	0	17	12	0
16	5	8	0	3	15	0
17	5	11	0	0	0	0
18	5	14	0	0	0	0
19	4	14	0	0	0	1
20	4	12	0	0	0	2
21	3	9	0	0	0	5
22	3	10	0	0	0	10
23	3	11	0	0	0	10
24	0	8	0	0	0	10
25	0	9	0	0	0	14
26	0	12	0	0	1	14
27	0	6	0	0	1	12
28	0	5	0	0	1	13
29	0	5	0	0	1	13
30	0	5	0	0	0	14
31	0	5	0	0	0	-
Mean	5	6	1	4	2	4
Max.	11	14	5	17	15	14
Min.	0	0	0	0	0	0
A.F.	280	360	30	280	130	230
Water diverted				Acreage reported		
1310 A.F.				D-803 903		

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.	
1	0	0	0	1	1	
2	0	0	0	2	2	
3	0	0	0	1	1	
4	0	0	0	1	1	
5	0	0	0	1	0	
6	0	0	0	1	0	
7	0	0	0	1	0	
8	0	0	0	1	1	
9	0	0	0	1	1	
10	0	0	0	1	1	
11	0	0	0	1	1	
12	0	0	3	1	1	
13	0	0	0	1	3	
14	0	0	0	1	3	
15	0	0	0	0	3	
16	0	0	0	0	3	
17	0	0	0	0	3	
18	0	0	0	0	3	
19	0	0	0	0	3	
20	0	0	0	0	0	
21	0	0	0	0	0	
22	0	0	2	0	0	
23	0	0	2	0	0	
24	0	0	2	0	0	
25	0	0	1	0	0	
26	0	0	2	0	0	
27	0	0	1	2	0	
28	0	0	1	2	0	
29	0	0	1	2	0	
30	0	0	1	2	0	
31	0	-	1	2	-	
Mean	0	2	1	1	1	
Max.	0	0	3	2	3	
Min.	0	0	0	0	0	
A.F.	0	0	30	50	60	
Water diverted				Acreage reported		
140 A.F.				D-351 176		
				A-734 122		
				Total 298		

DAILY DIVERSIONS OF CANALS--1955

MERKER CANAL from Republican River Measured through rating flume Sec. 15-3-31 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	33	0	15	26	52	46
2	32	0	14	27	49	45
3	31	36	16	27	49	45
4	42	34	15	31	51	45
5	41	38	16	33	52	44
6	42	42	14	30	51	41
7	42	39	17	33	51	45
8	36	41	18	42	51	43
9	33	39	23	50	53	39
10	31	44	27	49	46	38
11	33	43	25	50	51	39
12	34	43	24	49	48	37
13	32	41	23	45	51	32
14	26	40	24	47	49	30
15	21	41	27	45	50	29
16	0	41	23	47	49	30
17	0	43	26	47	45	31
18	0	41	24	49	46	35
19	0	35	20	48	44	27
20	0	30	18	47	48	20
21	0	32	18	47	50	32
22	0	30	17	50	48	28
23	0	27	20	50	47	33
24	0	21	23	50	48	38
25	0	29	22	49	48	33
26	0	21	23	48	48	30
27	0	22	29	48	50	27
28	0	19	26	50	50	27
29	0	20	25	52	49	26
30	0	19	26	52	46	20
31	0	16	-	52	44	-
Mean	16	31	21	44	49	35
Max.	42	44	29	52	53	46
Min.	0	16	14	26	44	20
A.F.	1010	1920	1270	2720	3000	2050
Water diverted				Acreage reported		
11970 A.F.				D-4, 7, 8, 9 2930		
				A-3869B 125		
				Total 3055		

DAILY DIVERSIONS OF CANALS--1955

MEREDITH-AMMER CANAL from Pumpkinseed Creek--Measured through rating flume--Sec. 23-19-50 W.

Day	May	June	July	Aug.	Sept.	
1	0	0	6	5	2	
2	0	0	7	5	2	
3	0	0	10	5	1	
4	0	0	9	5	1	
5	0	0	4	7	1	
6	0	0	0	5	2	
7	0	0	5	4	1	
8	0	0	6	5	1	
9	0	0	6	5	1	
10	0	0	6	5	1	
11	11	0	8	4	1	
12	9	0	8	4	1	
13	7	0	6	4	1	
14	10	0	7	4	1	
15	10	0	7	4	1	
16	12	0	7	3	1	
17	10	0	7	3	1	
18	6	0	8	3	0	
19	10	0	11	4	0	
20	5	0	10	3	0	
21	6	0	9	4	0	
22	6	0	10	4	0	
23	5	0	8	3	0	
24	5	0	8	4	0	
25	4	0	8	4	0	
26	1	0	8	3	0	
27	0	0	5	3	0	
28	0	0	5	3	0	
29	0	2	5	3	0	
30	0	5	5	3	0	
31	0	-	6	2	-	
Mean	4	0	7	4	1	
Max.	12	5	11	7	2	
Min.	0	0	0	2	0	
A.F.	230	10	430	240	40	
Water diverted				Acreage reported		
950 A.F.				D-876 445		
				*D-828 144		
				Total 589		

\*Belmont appropriation carried by Meredith-Ammar for lands located west of Pumpkinseed Creek in Section 12-19-50 W.

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

Day	Oct.	May	June	July	Aug.	Sept.
1	21	0	0	0	47	46
2	20	5	3	0	47	46
3	19	29	5	0	46	46
4	19	30	5	0	48	46
5	20	29	0	3	50	47
6	18	31	0	28	49	47
7	18	37	0	35	49	47
8	16	37	3	28	48	47
9	15	39	5	23	48	46
10	16	42	0	22	48	47
11	17	50	0	23	48	48
12	18	57	0	23	48	46
13	18	56	3	24	48	46
14	18	54	4	26	48	46
15	16	52	3	27	49	45
16	5	52	3	27	49	44
17	0	51	3	29	49	44
18	0	46	4	39	48	45
19	0	48	3	44	50	46
20	0	41	2	44	48	48
21	0	31	0	42	46	47
22	0	28	0	45	46	44
23	0	17	0	45	45	45
24	0	14	0	44	44	46
25	0	15	0	45	44	42
26	0	15	0	46	43	38
27	0	5	0	47	44	36
28	0	0	0	47	46	12
29	0	0	0	47	46	0
30	0	0	0	47	47	0
31	0	0	-	47	46	-
Mean	9	29	2	31	47	41
Max.	21	57	5	47	50	48
Min.	0	0	0	0	43	0
A.F.	540	1810	90	1880	2900	2450
Water diverted	Acreage reported					
9670 A.F.	A-2293 2979					
	A-2678 82					
	Total 3061					

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

Day	Oct.	May	June	July	Aug.	Sept.
1	15	0	0	0	60	46
2	5	12	0	0	64	42
3	0	24	2	0	61	41
4	0	20	2	0	61	41
5	0	24	0	34	62	41
6	0	33	0	40	58	40
7	0	43	0	43	56	40
8	0	51	0	34	52	39
9	0	48	0	28	52	38
10	0	44	0	34	56	37
11	0	54	0	32	57	38
12	0	51	0	31	52	37
13	0	48	0	32	36	37
14	0	58	0	32	40	39
15	0	55	0	38	43	38
16	0	54	0	52	43	34
17	0	51	0	47	43	34
18	0	28	0	54	42	34
19	0	15	0	67	42	35
20	0	13	0	50	40	36
21	0	13	0	57	39	39
22	0	20	0	62	43	39
23	0	21	0	60	45	40
24	0	18	0	60	44	29
25	0	13	0	60	42	23
26	0	10	0	60	42	22
27	0	4	0	60	43	13
28	0	0	0	60	44	3
29	0	0	0	58	45	0
30	0	0	0	59	45	0
31	0	0	0	58	46	-
Mean	1	27	1	42	48	32
Max.	15	58	2	67	61	46
Min.	0	0	0	0	39	0
A.F.	40	1640	10	2580	2970	1930
Water diverted	Acreage reported					
9170 A.F.	A-2293 2649					
	A-2678 189					
	A-4131 20					
	A-6623 40					
	Total 2898					

DAILY DIVERSIONS OF CANALS—1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	30	0	3	0	98	86
2	11	20	4	0	82	84
3	0	44	4	0	74	79
4	0	50	1	0	73	78
5	0	46	0	13	78	79
6	0	46	0	22	75	77
7	0	58	0	68	76	75
8	0	60	0	102	88	76
9	0	65	0	75	100	76
10	0	50	0	69	100	76
11	0	53	0	68	101	78
12	0	75	0	74	90	78
13	0	88	0	81	91	80
14	0	93	0	78	94	80
15	0	92	0	64	54	80
16	0	90	0	54	100	76
17	0	91	0	54	93	72
18	0	74	0	69	90	74
19	0	75	0	82	94	76
20	0	50	0	81	90	53
21	0	38	0	82	92	40
22	0	37	0	80	94	57
23	0	38	0	84	94	49
24	0	34	0	86	94	35
25	0	33	0	85	89	52
26	0	20	0	87	90	17
27	0	6	0	94	92	0
28	0	6	0	92	92	0
29	0	5	0	94	92	0
30	0	4	0	91	88	0
31	0	1	-	98	86	-
Mean	1	47	1	65	89	59
Max.	30	93	4	102	101	86
Min.	0	0	0	0	54	0
A.F.	80	2860	20	4020	5440	3540
Water diverted	Acreage reported					
15960 A.F.	A-2293 6534					
	A-2678 217					
	A-4360 25					
	Total 6776					

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
CANAL NO. 4 from Middle Loup River  
Measured through rating flume--Sec. 31-18-46 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	28	0	3	0	112	93
2	28	0	10	0	102	93
3	28	0	11	0	112	92
4	28	0	10	0	112	93
5	29	7	0	0	112	94
6	29	30	0	35	106	94
7	29	47	0	64	110	91
8	29	57	0	61	102	91
9	27	58	0	54	102	94
10	25	65	0	55	103	96
11	27	68	0	59	106	96
12	28	67	0	63	100	91
13	29	77	0	63	98	86
14	29	98	0	63	98	84
15	29	99	0	63	97	82
16	14	102	0	72	96	84
17	0	108	0	79	100	86
18	0	56	0	79	99	86
19	0	37	0	86	98	86
20	0	65	0	91	102	75
21	0	57	0	90	106	66
22	0	47	0	88	100	70
23	0	47	8	104	101	72
24	0	39	13	110	101	58
25	0	34	12	106	100	48
26	0	25	0	106	98	39
27	0	16	0	112	94	27
28	0	12	0	118	94	7
29	0	12	0	112	96	0
30	0	8	0	111	93	0
31	0	0	-	112	94	-
Mean	14	43	2	70	102	72
Max.	29	108	13	118	112	96
Min.	0	0	0	0	93	0
A.F.	860	2650	130	4280	6260	4310
Water diverted	Acreage reported					
18490 A.F.	A-2293 6986					
	A-2678 188					
	A-5139 89					
	Total 7263					



DAILY DIVERSIONS OF CANALS--1955

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1955

	Oct.	May	June	July	Aug.	Sept.	Total
Diversions:							
Canal No. 1.....	540	1810	90	1880	2900	2450	9670
Canal No. 2.....	40	1640	10	2580	2970	1930	9170
Canal No. 3.....	80	2860	20	4020	5440	3540	15960
Canal No. 4.....	<u>860</u>	<u>2650</u>	<u>130</u>	<u>4280</u>	<u>6260</u>	<u>4310</u>	<u>18490</u>
Total diversion.....	1520	8960	250	12760	17570	12230	53290

DAILY DIVERSIONS OF CANALS--1955

MIDLAND-OVERLAND CANAL from North Platte River  
Measured through Parshall flume--Sec. 2-16-44 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	3	0	2	0	0	0
2	3	0	2	0	0	0
3	3	0	3	0	0	0
4	3	0	3	0	0	0
5	3	0	3	0	0	0
6	3	0	3	0	0	0
7	3	0	1	0	0	0
8	3	0	1	2	0	0
9	3	0	1	18	0	0
10	0	0	1	23	1	0
11	0	0	4	22	11	0
12	0	0	9	19	9	0
13	0	6	9	20	7	0
14	0	8	10	21	22	0
15	0	6	8	19	19	0
16	0	8	2	4	26	0
17	0	17	2	0	22	0
18	0	22	2	0	12	0
19	0	19	2	0	10	0
20	0	14	2	0	10	4
21	0	17	2	0	9	26
22	0	16	0	0	8	21
23	0	20	0	0	0	22
24	0	28	0	0	0	18
25	0	28	0	0	0	10
26	0	18	0	0	0	10
27	0	8	0	0	0	23
28	0	4	0	0	0	31
29	0	2	0	0	0	31
30	0	2	0	0	0	30
31	0	1	--	0	0	--
Mean	1	8	2	5	5	7
Max.	3	28	10	23	26	31
Min.	0	0	0	0	0	0
A.F.	50	480	140	290	330	450
Water diverted						
1740 A.F.						
Acreage reported						
D-789						1000
D-791						943
O.D. A-1742						
D-800						110
Total						2053

DAILY DIVERSIONS OF CANALS--1955

MINATARE CANAL from North Platte River--Measured through rating flume--Sec. 32-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	54	0	30	51	78	56
2	54	0	28	42	84	47
3	53	0	39	38	89	45
4	43	0	40	38	88	47
5	19	0	41	37	81	45
6	9	0	32	34	22	62
7	0	0	33	41	0	79
8	0	0	32	44	0	77
9	0	0	31	45	0	66
10	0	0	31	61	0	59
11	0	0	30	80	42	53
12	0	32	29	75	72	47
13	0	24	31	89	70	47
14	0	50	34	96	64	45
15	0	44	10	100	67	45
16	0	47	0	99	78	45
17	0	0	0	93	86	41
18	0	68	0	86	88	44
19	0	65	0	82	91	52
20	0	82	35	82	89	47
21	0	75	48	87	89	45
22	0	71	55	84	80	36
23	0	63	56	94	75	25
24	0	90	63	89	78	26
25	0	77	70	89	77	33
26	0	44	71	86	77	17
27	0	47	32	85	81	0
28	0	32	50	87	89	12
29	0	0	21	86	80	18
30	0	0	42	85	71	20
31	0	0	--	78	67	--
Mean	7	29	34	73	66	43
Max.	54	90	71	100	91	79
Min.	0	0	0	34	0	0
A.F.	460	1810	2010	4490	4070	2540
Water diverted						
15380 A.F.						
Acreage reported						
D-919						9117
*Does not include optional diversion acreage.						

DAILY DIVERSIONS OF CANALS--1955

MIRAGE FLATS CANAL from Niobrara River  
Measured through Parshall flume--Sec. 26-29-43 W.

Day	May	June	July	Aug.	Sept.
1	0	0	0	115	74
2	0	0	0	121	66
3	0	0	0	123	65
4	0	0	0	120	63
5	0	0	0	127	56
6	0	0	15	127	53
7	0	0	47	122	50
8	0	0	51	122	47
9	0	0	64	127	42
10	0	0	74	121	42
11	0	0	102	104	41
12	0	0	130	71	33
13	0	0	147	51	37
14	0	0	147	51	41
15	0	0	143	62	45
16	0	0	159	69	46
17	0	0	162	84	45
18	0	0	174	105	41
19	0	0	173	115	41
20	0	0	173	114	42
21	0	0	172	114	41
22	42	0	172	118	38
23	63	0	171	124	30
24	64	0	147	119	28
25	79	0	136	116	13
26	20	0	135	109	0
27	0	0	122	103	0
28	0	0	122	101	0
29	0	0	103	94	0
30	0	0	99	93	0
31	0	0	102	79	0
Mean	9	0	105	104	38
Max.	79	0	174	128	74
Min.	0	0	0	61	0
A.F.	500	0	6450	6420	2230
Water diverted				Acreage reported	
15630 A.F.				A-2697	9312
Box Butte Reservoir storage				A-3729	2228
included				Total	11640

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	51	0	152	46	0	148
2	100	0	69	0	0	167
3	100	0	100	0	0	164
4	109	0	151	0	0	165
5	112	0	155	0	0	0
6	109	0	160	100	0	0
7	103	0	163	100	0	0
8	100	0	160	103	0	0
9	100	0	166	100	0	0
10	100	0	170	101	0	0
11	130	0	157	102	0	0
12	100	0	144	117	0	0
13	100	0	139	87	0	0
14	100	0	140	49	0	0
15	100	0	164	0	120	0
16	100	0	157	0	155	0
17	100	0	156	0	144	0
18	100	0	46	0	143	0
19	100	0	0	0	147	0
20	100	0	0	0	147	0
21	100	0	0	0	148	0
22	100	0	0	0	71	0
23	100	142	0	0	0	0
24	100	155	0	0	0	0
25	100	149	58	0	0	0
26	100	102	110	0	0	0
27	100	93	65	0	0	0
28	100	146	65	120	0	74
29	100	145	48	156	0	100
30	100	148	48	168	0	96
31	100	152	—	176	0	—
Mean	99	40	98	49	35	30
Max.	112	155	170	176	155	167
Min.	51	0	0	0	0	0
A.F.	6120	2440	5840	3020	2130	1810
Water diverted					Acreage reported	
21360 A.F.					D-1052	13633
Kendrick storage included						

DAILY DIVERSIONS OF CANALS--1955

NAPONEE CANAL from Republican River  
Measured through weir and  
form turnout--Sec. 14-1-17 W.

Day	May	June	July	Aug.	Sept.
1	0	3	3	15	10
2	1	3	3	15	10
3	0	3	3	16	10
4	3	3	3	18	10
5	5	0	3	18	8
6	5	0	4	15	7
7	5	0	2	11	7
8	5	0	0	11	7
9	5	0	0	11	8
10	4	0	3	11	10
11	2	0	6	10	10
12	5	0	6	7	10
13	8	0	6	7	10
14	8	0	7	7	8
15	8	0	8	9	6
16	7	0	8	13	4
17	7	0	8	13	3
18	3	0	8	15	3
19	0	0	8	15	3
20	0	0	8	13	3
21	0	0	8	10	3
22	0	0	8	10	1
23	0	0	8	10	0
24	0	0	8	10	0
25	2	0	8	11	0
26	3	0	8	11	0
27	3	0	10	11	0
28	4	0	15	11	0
29	3	0	18	11	0
30	3	2	18	11	0
31	3	—	16	11	—
Mean	3	1	7	12	5
Max.	8	3	18	18	10
Min.	0	0	0	7	0
A.F.	200	30	440	730	300
Water diverted				Acreage reported	
1700 A.F.				A-4217	1364

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	66	0	62	73	59	77
2	66	0	70	85	62	73
3	66	0	75	85	62	67
4	66	0	77	74	63	73
5	66	28	65	66	79	78
6	67	30	66	61	67	69
7	63	56	72	70	65	61
8	27	73	67	55	54	69
9	0	71	67	60	69	57
10	0	68	69	40	69	55
11	0	69	64	20	75	71
12	0	65	61	18	75	61
13	0	70	68	24	67	63
14	0	68	71	55	64	86
15	0	69	73	81	18	80
16	0	70	60	51	56	75
17	0	38	66	54	55	72
18	0	69	60	42	67	70
19	0	69	63	48	70	68
20	0	59	69	45	68	51
21	0	55	66	22	65	78
22	0	48	66	18	64	64
23	0	49	64	20	61	65
24	0	56	66	42	57	66
25	0	76	62	38	56	71
26	0	82	61	28	55	63
27	0	48	7	28	55	61
28	0	35	26	30	64	60
29	0	28	67	67	71	60
30	0	79	43	73	73	74
31	0	69	—	62	79	—
Mean	16	52	62	50	63	68
Max.	67	82	77	85	79	86
Min.	0	0	7	18	15	51
A.F.	970	3170	3720	3040	3900	4040
Water diverted					Acreage reported	
18840 A.F.					D-925	5618
					O. D. Petition	
					262	71
					Total	5689

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	135	0	98	59	120	236	214
2	76	0	94	59	94	233	216
3	78	0	127	55	132	230	219
4	112	0	110	55	165	233	223
5	64	0	116	58	201	229	225
6	55	0	125	96	207	232	223
7	28	0	113	132	198	230	211
8	5	0	197	145	186	230	209
9	0	0	180	153	190	225	208
10	0	0	190	153	188	218	191
11	0	0	222	131	198	208	183
12	0	0	190	121	195	204	184
13	0	0	207	118	198	202	181
14	0	0	215	127	205	202	197
15	0	0	208	145	219	201	207
16	0	0	214	148	219	219	201
17	0	0	201	131	219	222	202
18	0	0	132	110	219	230	195
19	0	0	64	109	219	230	183
20	0	0	89	107	215	214	186
21	0	15	94	113	218	214	188
22	0	39	105	173	223	228	152
23	0	76	113	179	229	225	138
24	0	55	113	179	226	230	128
25	0	55	124	201	230	233	114
26	0	52	41	191	239	225	37
27	0	55	24	163	243	211	0
28	0	74	38	127	240	233	0
29	0	74	49	116	240	219	0
30	0	95	38	107	236	221	0
31	0	—	66	—	236	211	—
Mean	18	20	128	125	205	222	161
Max.	135	95	222	201	243	236	225
Min.	0	0	24	55	94	201	0
A.F.	1100	1170	7730	7460	12590	13640	9550
Water diverted							
53240 A.F.							
Kingsley Storage Included							
						Acres reported	
						D-635	14067

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	31	0	62	21	20	114	112
2	30	0	69	20	23	112	114
3	26	0	70	21	22	106	114
4	24	0	73	23	23	110	114
5	23	0	73	21	22	119	107
6	23	0	75	21	30	115	111
7	22	0	73	21	37	113	109
8	20	0	80	21	51	114	108
9	7	0	79	21	62	110	109
10	0	0	71	22	77	110	108
11	0	0	66	21	85	108	107
12	0	0	69	21	91	111	109
13	0	0	80	21	111	109	106
14	0	0	80	22	105	112	104
15	0	0	79	22	103	109	106
16	0	0	77	23	102	109	51
17	0	0	57	23	102	108	0
18	0	0	0	20	102	111	0
19	0	0	0	0	104	110	0
20	0	0	0	0	103	110	0
21	0	0	0	22	100	111	0
22	0	47	0	25	100	112	0
23	0	39	0	18	104	115	0
24	0	28	0	14	110	112	0
25	0	32	17	21	105	117	0
26	0	38	30	24	105	114	0
27	0	36	22	21	109	114	0
28	0	40	17	20	104	110	0
29	0	49	13	20	109	112	0
30	0	56	17	19	103	116	0
31	0	—	21	—	104	119	—
Mean	7	12	44	20	82	112	56
Max.	31	56	80	25	111	119	114
Min.	0	0	0	0	20	106	0
A.F.	410	720	2720	1170	5010	6900	3350
Water diverted							
20280 A.F.							
						Acres reported	
						A-2312	7494
						A-3828	39
						A-3831	38
						A-6943	16
						Total	7587

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	98	0	70	0	34	187	189
2	104	0	79	59	40	184	183
3	98	0	78	60	51	184	182
4	102	0	104	50	51	182	189
5	100	0	129	50	50	186	190
6	86	0	144	51	56	188	190
7	87	0	167	41	74	190	191
8	68	0	176	44	83	193	190
9	81	0	174	48	92	186	188
10	78	0	173	52	102	186	189
11	74	0	183	40	114	189	182
12	63	0	179	40	131	189	179
13	63	0	185	29	139	188	178
14	60	0	186	38	147	192	187
15	58	0	182	35	153	183	186
16	50	0	182	35	154	182	103
17	46	0	178	38	159	183	21
18	43	0	99	44	161	185	0
19	31	0	102	0	171	189	0
20	32	0	86	31	179	189	0
21	26	0	74	31	180	189	0
22	26	0	63	32	153	190	0
23	33	0	63	28	148	190	0
24	30	0	60	26	144	188	0
25	36	0	45	41	144	194	0
26	43	0	0	46	174	191	0
27	1	37	0	42	176	191	0
28	0	58	0	34	173	193	0
29	0	62	0	34	175	193	0
30	0	62	0	34	183	190	0
31	0	—	0	—	183	190	—
Mean	52	7	102	38	128	188	97
Max.	104	62	186	60	183	194	191
Min.	0	0	0	0	34	181	0
A.F.	3200	430	6270	2250	7880	11570	5790
Water diverted	37390 A.F.						
						Acres reported	
						A-2155	136
						A-2312	14998
						A-2417	188
						A-3821	32
						A-4207	62
						A-4400	20
						A-6430	50
						Total	15475

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	20	0	75	24	17	86	91
2	22	0	77	27	21	86	91
3	24	0	77	28	26	84	92
4	24	0	78	29	27	83	91
5	23	0	79	23	26	83	90
6	23	0	79	24	26	83	87
7	21	0	78	22	26	98	83
8	20	0	76	23	26	98	83
9	19	0	73	22	34	98	78
10	16	0	69	23	40	91	77
11	18	0	65	20	42	83	72
12	19	0	62	21	47	87	70
13	20	0	62	20	49	84	66
14	17	0	56	19	18	83	67
15	14	0	50	21	20	81	68
16	15	0	51	20	18	79	23
17	14	0	38	19	17	80	0
18	14	0	0	18	16	82	0
19	15	27	0	0	18	81	0
20	14	26	0	0	17	83	0
21	15	25	0	16	21	62	0
22	8	26	0	19	27	75	0
23	0	30	0	19	36	74	0
24	0	30	0	20	45	74	0
25	0	36	12	20	53	75	0
26	0	49	24	20	64	78	0
27	0	63	23	19	72	79	0
28	0	70	15	18	89	81	0
29	0	74	0	17	93	81	0
30	0	74	0	17	91	92	0
31	0	—	12	—	87	95	—
Mean	13	18	40	20	39	84	41
Max.	24	74	79	29	93	98	92
Min.	0	0	0	0	16	74	0
A.F.	750	1050	2440	1170	2400	5160	2440
Water diverted	15440 A.F.					Acres reported	
						A-2312	7109

DAILY DIVERSIONS OF CANALS--1955

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 TAYLOR-ORD SPILLWAY AT 10.88 returned to North Loup River  
 Measured through 8-foot weir--Sec. 33-21-17 W.

Day	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	65	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	3	0	0
22	0	0	0	10	0	0
23	0	0	0	21	0	0
24	0	0	0	20	0	0
25	0	0	1	20	0	0
26	0	0	0	0	0	0
27	10	0	0	0	0	0
28	8	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	-	0	-	0	0	-
Mean	1	0	2	2	0	0
Max.	10	0	65	21	0	0
Min.	0	0	0	0	0	0
A.F.	36	0	131	147	0	0

Water returned 310 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	3	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	2	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	9	0	0
22	0	0	0	0	16	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	1	0	0
25	0	0	0	0	1	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	8	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	-	0	-	0	0	-
Mean	0.1	0.3	0.1	0	0.9	0	0
Max.	3	8	2	0	16	0	0
Min.	0	0	0	0	0	0	0
A.F.	6	16	4	0	54	0	0

Water returned 80 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1955

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 TAYLOR-ORD SPILLWAY AT 29.93 returned to North Loup River  
 Measured through 8-foot weir--Sec. 35-20-15 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0
2	2	0	0	0	0	0	0
3	3	0	0	0	0	0	0
4	3	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	18	0	0	0	0	0	0
7	15	0	0	0	0	0	0
8	4	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	2	0	0	0	0	0	0
11	1	0	0	0	0	0	0
12	6	0	0	0	0	0	0
13	2	0	0	0	0	0	0
14	3	0	0	0	0	0	0
15	3	0	0	0	0	0	0
16	3	0	0	0	0	0	0
17	4	0	2	0	0	0	0
18	2	0	3	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	8	0	0	0	0	0
30	0	8	0	0	0	0	0
31	0	-	0	-	0	0	-
Mean	2	0.5	0.2	0	0	0	0
Max.	18	8	3	0	0	0	0
Min.	0	0	0	0	0	0	0
A.F.	141	32	10	0	0	0	0

Water returned 180 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1955

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.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	5	0	8	0	9	1	1
2	8	0	7	0	4	0	1
3	8	0	6	1	4	1	1
4	8	0	3	8	9	1	2
5	8	0	3	8	10	1	3
6	7	0	6	9	4	2	3
7	8	0	4	10	1	2	3
8	9	0	6	9	5	2	3
9	10	0	9	9	6	2	3
10	9	0	5	10	8	2	2
11	9	0	1	10	6	3	1
12	9	0	4	11	9	3	0
13	9	0	2	10	8	3	0
14	9	0	1	7	2	3	0
15	9	0	3	10	4	2	1
16	10	0	3	10	4	3	1
17	9	0	4	11	7	7	0
18	8	0	7	11	8	2	0
19	10	0	8	11	8	2	0
20	6	0	8	1	8	2	0
21	4	0	8	0	7	3	0
22	7	0	8	3	0	3	0
23	4	0	8	7	0	3	0
24	6	0	8	7	0	3	0
25	8	0	8	0	0	3	0
26	8	0	4	10	1	2	0
27	10	0	0	11	3	2	0
28	3	0	0	10	0	1	0
29	1	0	0	10	0	2	0
30	0	0	0	9	1	1	0
31	0	-	0	-	1	1	-
Mean	7	0	5	7	4	2	1
Max.	10	0	9	11	10	7	3
Min.	0	0	0	0	0	0	0
A.F.	434	0	282	442	272	135	50

Water returned 1620 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	11	0	0	0	0
2	1	0	5	0	0	0	0
3	5	0	2	18	0	0	0
4	7	0	0	18	5	0	0
5	4	0	0	13	5	0	2
6	0	0	2	11	0	0	0
7	0	0	0	10	0	0	0
8	13	0	4	2	0	0	0
9	5	0	11	0	2	3	0
10	8	0	0	5	1	1	0
11	9	0	0	9	7	0	0
12	6	0	0	3	1	1	0
13	3	0	0	3	0	2	0
14	6	0	1	0	0	2	0
15	4	0	3	0	0	3	0
16	6	0	5	0	0	0	0
17	6	0	4	3	0	0	0
18	6	0	11	4	0	0	0
19	2	0	13	11	0	0	0
20	0	0	18	0	0	0	0
21	0	0	16	0	0	0	0
22	0	0	11	0	0	0	0
23	0	0	11	3	0	0	0
24	0	0	12	0	0	0	0
25	0	0	12	0	0	0	0
26	3	0	18	4	0	0	0
27	9	0	0	12	0	0	0
28	0	0	0	5	0	0	0
29	0	0	0	3	0	0	0
30	0	5	0	0	0	0	0
31	0	-	0	-	0	0	-
Mean	3	0	5	5	1	0	0
Max.	13	5	18	18	7	3	2
Min.	0	0	0	0	0	0	0
A.F.	204	10	337	272	42	24	4

Water returned 890 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1955

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

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

Water returned 0 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS-1955

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 BURWELL-SUMNER SPILLWAY AT 16.92 returned to North Loup River  
 Measured through 6-foot weir--Sec. 3-19-14 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	14	0	0	0	0
2	0	0	2	0	0	0	0
3	0	0	1	0	0	0	0
4	0	0	2	0	0	0	0
5	0	0	2	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	2	0	0	0	0
16	0	0	1	6	0	0	0
17	0	0	2	3	0	0	0
18	0	0	2	3	0	0	0
19	0	0	0	2	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	5	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	12	0	0	0	0	0
25	0	8	0	0	0	0	0
26	0	7	7	0	0	0	0
27	0	9	4	0	0	0	0
28	0	4	3	0	0	0	0
29	0	2	1	0	0	0	0
30	0	6	0	0	0	0	0
31	0	-	0	-	0	0	-
Mean	.03	1.8	1.4	0.5	0	0	0
Max.	1	12	14	6	0	0	0
Min.	0	0	0	0	0	0	0
A.F.	2	105	85	28	0	0	0

Water returned 220 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS-1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	8	0	3	6	3	0	0
2	9	0	3	5	3	0	0
3	10	0	6	3	5	0	0
4	8	0	5	5	6	0	0
5	6	0	4	6	6	0	0
6	8	0	3	5	3	0	0
7	11	0	3	5	3	0	0
8	10	0	4	4	4	0	0
9	8	0	5	5	5	0	0
10	4	0	6	6	5	0	1
11	1	0	6	7	5	0	1
12	1	0	6	6	5	0	2
13	0	0	6	6	3	0	3
14	0	0	7	6	3	0	3
15	0	0	8	5	4	0	4
16	0	0	8	7	4	0	4
17	0	0	8	5	4	0	1
18	0	0	6	5	4	0	0
19	0	0	4	3	1	0	0
20	0	0	1	0	1	0	0
21	0	0	0	0	1	0	0
22	0	0	0	2	5	0	0
23	0	2	0	7	0	0	0
24	0	6	0	4	0	0	0
25	0	7	0	1	0	0	0
26	0	7	4	8	0	0	0
27	0	6	10	9	0	0	0
28	0	5	9	7	0	0	0
29	0	5	7	4	0	0	0
30	0	6	5	4	0	0	0
31	0	-	6	-	0	0	-
Mean	3	1	5	5	3	0	1
Max.	11	7	10	9	6	0	4
Min.	0	0	0	0	0	0	0
A.F.	167	87	284	290	165	0	38

Water returned 1030 A.F.

Discharge record reported by North Loup Public Power and Irrigation District



DAILY DIVERSIONS OF CANALS—1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	1	0	0	0	0
4	0	0	1	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	2	0	0	0	0	0	0
8	1	0	0	0	0	0	0
9	0	0	3	0	0	0	0
10	0	0	3	0	0	0	0
11	0	0	2	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	1	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	6	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	2	0	0	0	0	0
26	0	2	0	0	0	0	0
27	0	2	5	1	0	0	0
28	0	0	1	0	0	0	0
29	0	0	0	0	0	0	0
30	0	1	0	0	0	0	0
31	0	-	0	-	0	0	-
Mean	0.1	0.4	0.5	0.03	0	0	0
Max.	2	6	3	1	0	0	0
Min.	0	0	0	0	0	0	0
A.F.	6	26	34	2	0	0	0

Water returned 70 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS—1955

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 ORD-NORTH LOUP SPILLWAY AT 4.80 returned to North Loup River  
 Measured through 8-foot weir—Sec. 12-19-13 W.

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

Water returned 0 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1955

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 ORD-NORTH LOUP SPILLWAY AT 11.71 returned to North Loup River  
 Measured through 8-foot weir--Sec. 27-18-13 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	7	0	0	0	0
16	0	0	6	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	9	0	0	0	0	0
20	0	13	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	25	0	0	0	0	0
30	0	20	0	0	0	0	0
31	0	--	0	--	0	0	--
Mean	0	2	0.4	0	0	0	0
Max.	0	25	7	0	0	0	0
Min.	0	0	0	0	0	0	0
A.F.	0	133	26	0	0	0	0

Water returned 160 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	2	0	4	2	5
2	1	0	3	7	4	2	6
3	3	0	2	8	6	2	6
4	4	0	3	8	8	2	6
5	4	0	3	6	8	2	6
6	4	0	4	6	8	2	7
7	6	0	5	5	8	2	8
8	5	0	8	5	7	2	8
9	4	0	10	6	6	3	9
10	4	0	9	7	6	4	11
11	3	0	11	7	7	6	10
12	5	0	8	5	4	5	10
13	7	0	9	6	6	4	6
14	8	0	11	4	5	5	3
15	8	0	10	8	9	4	3
16	9	0	9	11	9	3	5
17	8	0	11	7	8	3	2
18	8	0	5	9	7	2	1
19	8	0	1	5	7	1	2
20	8	1	1	1	6	1	0
21	8	13	0	0	3	2	0
22	8	13	0	1	5	1	0
23	3	10	0	7	2	2	0
24	1	8	0	6	2	2	0
25	1	5	0	4	2	2	0
26	1	1	0	6	1	2	0
27	1	0	1	6	1	3	0
28	0	4	8	4	0	2	0
29	0	2	2	4	2	2	0
30	0	2	1	4	2	3	0
31	0	--	0	--	2	4	--
Mean	4	2	4	5	5	3	4
Max.	8	13	11	11	9	6	11
Min.	0	0	0	0	0	1	0
A.F.	258	117	272	323	307	163	226

Water returned 1670 A.F.

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1955

NORTH LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1955

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diversion:								
Taylor-Ord.....	3200	430	6270	2250	7880	11570	5790	37390
Burwell-Sumter.....	410	720	2720	1170	5010	6900	3350	20280
Ord-North Loup.....	<u>780</u>	<u>1050</u>	<u>2440</u>	<u>1170</u>	<u>2400</u>	<u>5160</u>	<u>2440</u>	<u>15440</u>
Total diversion.....	4390	2200	11430	4590	15290	23630	11580	73110
Return through spillways:								
Taylor-Ord.....	780	90	630	850	520	160	50	3080
Burwell-Sumter.....	180	220	400	320	160	0	40	1320
Ord-North Loup.....	<u>260</u>	<u>250</u>	<u>300</u>	<u>320</u>	<u>310</u>	<u>150</u>	<u>230</u>	<u>1830</u>
Total spill.....	1220	560	1330	1490	990	320	320	6230
Net diverted.....	3170	1640	10100	3100	14300	23310	11260	66880

DAILY DIVERSIONS OF CANALS--1955

NORTHPORT CANAL from Drains  
entering Tri-State Canal

Day	May	June	July	Aug.	Sept.
1	76	112	87	110	140
2	75	121	106	115	146
3	72	117	140	111	145
4	73	114	139	118	145
5	84	115	137	123	144
6	92	112	141	174	142
7	91	106	134	136	144
8	87	106	127	136	144
9	87	107	125	128	142
10	87	105	126	127	142
11	87	103	119	128	150
12	88	101	117	132	152
13	88	102	114	136	153
14	86	111	111	140	159
15	88	122	111	138	164
16	100	113	111	138	162
17	52	111	111	135	165
18	47	108	111	131	163
19	80	106	108	133	165
20	109	106	108	123	196
21	106	110	111	128	176
22	105	112	113	131	169
23	100	109	120	125	168
24	98	109	114	126	169
25	102	109	108	124	129
26	43	155	118	123	45
27	23	170	114	125	35
28	21	80	112	130	35
29	21	87	107	125	35
30	30	98	106	127	35
31	113	—	108	135	—
Mean	78	111	117	129	135
Max.	109	170	141	174	196
Min.	21	80	87	110	35
A.F.	4780	6620	7170	7960	8050
Water diverted	34580 A.F.				

DAILY DIVERSIONS OF CANALS--1955

NORTHPORT CANAL from North Platte River  
Measured at Tri-State Headgate--  
Sec. 10-23-58 W.

Day	May	June	July	Aug.	Sept.
1	0	0	30	173	46
2	0	0	0	166	78
3	0	9	0	139	93
4	0	17	9	87	79
5	0	45	20	106	135
6	0	62	77	62	81
7	0	67	147	95	70
8	0	41	111	119	89
9	0	26	135	110	61
10	0	32	130	9	31
11	0	27	117	8	5
12	0	16	112	2	19
13	0	0	103	0	0
14	0	0	158	0	7
15	0	0	49	0	32
16	0	0	79	0	15
17	44	35	69	6	0
18	182	26	39	81	0
19	151	20	43	38	0
20	172	40	100	13	0
21	159	48	145	3	0
22	158	59	147	17	5
23	104	54	152	0	0
24	70	8	186	0	0
25	78	0	210	29	91
26	91	0	210	28	157
27	141	0	171	26	66
28	61	76	196	0	53
29	107	37	217	13	62
30	88	0	201	26	188
31	5	—	167	0	—
Mean	52	25	114	44	49
Max.	182	76	217	173	188
Min.	0	0	0	0	0
A.F.	3200	1480	7000	2690	2910
Water diverted	17280 A.F.				
Pathfinder storage included					

DAILY DIVERSIONS OF CANALS--1955

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT

Summary in Acre-feet--1955

	Section Township Range	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	10-23-58	3200	1480	7000	2690	2910	17280
*Sheep Creek.....	17-23-57	2650	3630	3980	3960	4110	18330
*Akers Draw.....	12-23-57	490	560	750	630	680	3110
*Tub Springs.....	27-23-55	870	1460	1440	1490	1230	6490
*Spotted Tail, Dry.....	9-23-56	340	430	430	1110	1010	3320
*Spotted Tail, Wet.....	10-23-56	430	540	570	770	1020	3330
*Moffat Drain.....	25-22-53	0	0	0	0	0	0
*Alliance Drain.....	18-22-53	0	0	0	0	0	0
<b>Total Diversion.....</b>		<b>7980</b>	<b>8100</b>	<b>14170</b>	<b>10650</b>	<b>10960</b>	<b>51860</b>
							Acreage reported
							A-768 16109

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

DAILY DIVERSIONS OF CANALS--1955

ORCHARD-ALFALFA CANAL from Platte River  
Measured through rating flume--Sec. 9-10-24 W.

Day	May	June	July	Aug.	Sept.
1	0	22	29	80	0
2	0	23	29	79	0
3	3	23	26	76	0
4	6	24	24	75	0
5	11	26	30	75	0
6	13	25	34	76	0
7	13	24	46	76	0
8	15	24	49	75	0
9	19	22	48	74	0
10	22	22	60	74	0
11	22	22	63	65	0
12	22	22	75	58	0
13	21	21	52	50	0
14	22	21	78	51	0
15	21	21	82	46	0
16	20	22	86	42	0
17	21	24	86	42	0
18	30	22	87	42	0
19	28	21	90	43	0
20	32	21	88	45	0
21	33	21	88	46	0
22	28	22	90	48	0
23	28	23	89	21	0
24	29	22	87	0	0
25	29	22	85	0	0
26	28	22	86	0	0
27	26	23	84	0	0
28	25	23	83	0	0
29	24	22	83	0	12
30	24	23	83	0	20
31	24	--	82	0	--
Mean	27	22	68	44	1
Max.	33	26	90	80	20
Min.	0	21	24	0	0
A.F.	1270	1340	4170	2700	60
Water diverted				Acreage reported	
9540 A.F.				D-627	5950
Sutherland storage available					

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	4	0	0	3	0	0
2	2	0	0	1	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	8	0	0
8	3	0	0	4	0	0
9	3	0	0	3	0	0
10	3	0	0	0	0	0
11	4	0	0	0	0	0
12	4	0	0	2	3	0
13	4	0	0	8	12	0
14	4	0	0	5	9	0
15	4	0	0	6	7	0
16	4	0	0	0	4	0
17	5	0	0	0	1	0
18	5	0	0	0	0	0
19	4	0	0	0	0	0
20	5	2	0	0	0	0
21	3	10	0	0	0	1
22	4	9	0	0	0	8
23	4	6	0	0	0	12
24	4	0	0	0	0	9
25	4	4	1	0	0	6
26	5	16	1	0	0	5
27	5	4	0	0	0	5
28	5	9	0	0	0	0
29	3	8	0	0	0	0
30	0	3	0	0	0	0
31	0	0	0	0	0	0
Mean	3	2	0	1	1	2
Max.	5	16	1	8	12	12
Min.	0	0	0	0	0	0
A.F.	210	140	4	90	70	90
Water diverted					Acreage reported	
600 A.F.					D-797	1743



DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	1	0	24
2	0	0	0	0	0	25
3	0	0	6	0	0	26
4	0	0	0	0	0	26
5	0	0	0	0	0	26
6	0	0	0	0	0	27
7	0	0	0	0	0	26
8	21	0	0	0	0	24
9	21	0	0	0	0	23
10	19	0	0	0	0	22
11	18	0	0	0	0	22
12	21	0	0	0	0	22
13	24	0	0	0	4	21
14	24	0	0	0	16	20
15	24	0	0	0	20	20
16	25	0	0	0	20	19
17	25	0	0	0	20	17
18	24	0	0	0	4	17
19	22	0	0	0	0	16
20	17	0	0	0	8	18
21	15	0	0	9	18	24
22	15	6	0	10	21	21
23	15	11	0	10	26	21
24	16	12	0	11	23	21
25	16	12	0	11	22	30
26	8	21	11	15	24	18
27	1	21	24	24	22	13
28	0	13	16	5	22	9
29	0	3	1	0	24	15
30	0	0	1	0	24	22
31	0	0	--	0	24	--
Mean	12	3	2	3	11	21
Max.	25	21	24	24	26	30
Min.	0	0	0	0	0	9
A.F.	740	200	120	210	700	1270
Water diverted					Acreage reported	
3240 A.F.					D-945	1652

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Dec.	Apr.	May	June	July	Aug.	Sept.
1	7	6	3	-	-	-	-	-	-
2	7	6	2	-	-	-	-	7	-
3	8	6	3	-	-	-	-	-	-
4	7	6	1	-	-	-	-	-	-
5	7	6	0	-	-	-	-	-	-
6	7	5	0	-	8	-	-	-	-
7	7	5	0	-	-	-	-	-	-
8	7	5	0	-	-	7	-	-	-
9	7	5	0	-	-	-	-	-	-
10	7	5	0	-	-	-	-	-	-
11	7	3	0	-	-	-	-	-	-
12	6	2	0	-	-	-	8	-	-
13	6	2	0	-	-	-	-	-	-
14	5	3	0	-	-	-	-	-	-
15	5	3	0	-	-	-	-	-	-
16	5	2	0	-	-	-	-	-	-
17	5	3	0	-	-	-	-	-	-
18	5	3	0	-	-	-	-	4	-
19	4	3	0	-	-	-	-	-	-
20	4	3	0	-	-	3	-	-	-
21	4	3	0	-	-	-	-	-	-
22	4	3	0	-	-	-	4	-	-
23	4	3	0	-	-	-	-	-	-
24	5	3	0	-	8	-	-	-	-
25	4	3	0	3	-	-	-	-	-
26	4	3	0	-	-	-	-	-	-
27	4	2	0	-	-	-	-	-	-
28	4	3	0	-	-	-	-	-	-
29	4	3	0	-	-	-	-	-	-
30	5	3	0	-	-	-	-	-	-
31	6	-	0	-	-	-	-	-	-
Mean	6	-	3	-	-	-	-	-	-
Max.	8	6	3	-	-	-	-	-	-
Min.	4	2	0	-	-	-	-	-	-
A.F.	340	220	20	-	-	-	-	-	-
								Acreage reported	
								D-18	359
								A-1674	175
								Total	534

Supplemental storage included

Note: Recorder not placed in operation during 1955 calendar year. April through September record consists only of actual measurements.

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	2	2	0	0
2	0	2	2	0	0
3	0	2	2	2	0
4	0	2	2	1	0
5	0	2	2	2	0
6	1	2	3	3	0
7	2	2	0	2	0
8	2	2	2	2	0
9	2	2	2	2	0
10	1	2	2	3	0
11	2	2	1	3	0
12	2	2	2	3	0
13	2	2	1	3	0
14	2	2	1	2	0
15	2	2	1	2	0
16	2	2	1	3	0
17	0	2	0	2	1
18	0	2	1	3	1
19	0	2	1	3	2
20	0	2	1	3	0
21	0	2	1	3	0
22	0	0	0	4	0
23	0	0	0	4	0
24	0	0	0	4	0
25	0	0	0	4	0
26	0	0	0	4	0
27	0	0	0	4	0
28	0	3	0	2	0
29	2	3	0	3	0
30	2	2	0	0	0
31	1	-	0	0	-
Mean	1	2	1	2	0
Max.	2	3	3	4	2
Min.	0	0	0	0	0
A.F.	50	100	60	150	10
Water diverted	Acreage reported				
370 A.F.	D-350R 22				
	A-727 35				
	A-857 92				
	A-869 44				
	Total 193				

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	0	0	3	3
2	0	0	0	3	3
3	0	0	0	2	2
4	0	0	0	1	2
5	0	0	0	0	2
6	1	0	0	0	1
7	1	0	0	0	3
8	1	0	0	0	2
9	1	0	0	1	3
10	1	0	0	1	3
11	1	0	0	2	3
12	3	0	0	2	2
13	4	0	0	2	4
14	4	0	2	2	4
15	3	0	2	2	4
16	4	0	1	2	4
17	0	0	1	3	4
18	0	0	1	3	4
19	0	0	1	3	3
20	0	0	1	2	0
21	0	0	1	3	0
22	0	0	1	3	0
23	0	0	1	3	0
24	0	0	1	3	0
25	0	0	2	4	0
26	0	0	2	3	0
27	0	0	3	3	0
28	0	0	3	3	0
29	0	0	3	3	0
30	0	0	3	4	0
31	0	-	3	4	-
Mean	1	0	1	2	2
Max.	4	0	3	4	4
Min.	0	0	0	0	0
A.F.	50	0	60	140	110
Water diverted	Acreage reported				
360 A.F.	D-345 145				
	D-350 51				
	A-718R 48				
	A-1828 14				
	Total 258				

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	0	0	4	0
2	0	0	0	4	0
3	0	0	0	4	0
4	0	0	0	4	0
5	0	0	0	4	0
6	0	0	0	3	0
7	0	0	0	3	0
8	0	0	1	3	0
9	0	0	1	2	0
10	0	0	1	1	0
11	0	0	1	1	0
12	0	0	2	1	0
13	2	0	3	1	0
14	2	0	3	1	0
15	2	0	3	1	0
16	2	0	4	1	0
17	2	0	4	1	0
18	1	0	4	1	0
19	1	0	4	1	0
20	0	0	4	1	0
21	0	0	4	2	0
22	0	0	4	2	0
23	0	0	4	2	0
24	0	0	4	2	0
25	0	0	4	2	0
26	1	0	4	2	0
27	1	0	4	1	0
28	1	0	5	0	0
29	0	0	4	0	0
30	0	0	4	0	0
31	0	-	4	0	-
Mean	1	0	3	2	0
Max.	2	0	4	4	0
Min.	0	0	0	0	0
A.F.	30	0	160	110	0
Water diverted	300 A.F.				

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

Day	May	June	July	Aug.	Sept.
1	5	6	6	6	5
2	5	6	6	6	5
3	5	6	6	6	5
4	5	6	6	6	5
5	5	6	6	6	5
6	5	6	6	6	5
7	5	6	6	6	5
8	5	6	6	7	5
9	6	6	6	7	5
10	6	7	6	7	5
11	7	7	6	7	6
12	7	7	6	7	6
13	7	7	6	7	6
14	7	7	6	7	6
15	7	7	6	7	6
16	7	7	6	7	6
17	8	7	6	7	6
18	8	7	6	7	7
19	8	7	6	7	7
20	8	7	6	7	7
21	8	6	6	6	7
22	8	6	6	6	7
23	8	6	6	6	7
24	8	6	6	6	7
25	8	6	6	6	8
26	8	6	6	6	8
27	8	6	6	6	8
28	8	6	6	5	8
29	8	6	6	5	8
30	7	6	6	5	8
31	7	-	6	5	-
Mean	7	6	6	6	6
Max.	8	7	6	7	8
Min.	5	6	6	5	5
A.F.	420	380	370	390	370
Water diverted	1930 A.F.				

DAILY DIVERSIONS OF CANALS--1955

SHERIDAN-WILSON DIVERSION  
Summary in Acre-feet--1955

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	30	0	160	110	0	300
Sarben Slough.....	<u>420</u>	<u>380</u>	<u>370</u>	<u>390</u>	<u>370</u>	<u>1930</u>
Total diversion.....	450	380	530	500	370	2230
Water diverted 2230 A.F.						
					Acreage reported D-710	676

DAILY DIVERSIONS OF CANALS--1955

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

Day	May	June	July	Aug.	Sept.
1	0	30	42	26	21
2	0	32	44	26	18
3	0	27	35	27	17
4	0	24	29	26	21
5	0	24	42	23	23
6	0	19	42	7	21
7	0	19	43	17	24
8	0	18	40	19	21
9	0	24	34	29	22
10	0	24	33	29	24
11	0	22	33	29	28
12	0	22	33	22	27
13	0	24	35	21	26
14	0	27	37	24	29
15	0	24	36	17	29
16	0	17	34	17	26
17	0	19	36	20	26
18	0	21	34	19	25
19	0	20	17	19	24
20	0	17	14	20	30
21	0	11	25	17	27
22	0	20	32	15	24
23	11	23	33	13	23
24	36	23	20	17	24
25	48	30	15	15	29
26	31	30	20	13	9
27	0	33	29	18	0
28	0	0	40	23	0
29	0	0	30	21	0
30	13	25	24	24	0
31	24	--	19	25	--
Mean	5	22	32	21	21
Max.	48	33	44	29	30
Min.	0	0	14	7	0
A.F.	320	1290	1940	1270	1230
Water diverted 6050 A.F.				Acreage reported D-946	2752

DAILY DIVERSIONS OF CANALS--1955

SPOHN CANAL from North Platte  
River--Measured through Parshall  
flume--Sec. 24-17-45 W.

Day	May	June	July	Aug.	Sept.
1	0	7	1	0	0
2	0	15	1	0	0
3	0	13	0	0	0
4	0	11	0	0	0
5	0	12	0	0	0
6	0	12	0	0	0
7	0	13	0	0	0
8	0	13	0	0	0
9	0	13	2	0	0
10	0	10	3	0	0
11	20	11	4	0	0
12	18	12	5	0	0
13	17	12	7	2	0
14	17	12	8	8	0
15	18	6	7	10	0
16	16	0	0	9	0
17	18	10	0	2	0
18	15	8	0	0	0
19	14	7	0	0	0
20	13	6	0	0	0
21	12	7	0	0	0
22	10	8	0	0	12
23	16	6	0	0	7
24	15	5	0	0	7
25	22	5	0	0	8
26	15	4	0	0	3
27	2	3	0	0	8
28	9	0	0	0	5
29	14	4	0	0	3
30	14	1	0	0	2
31	15	--	0	0	--
Mean	10	8	1	1	2
Max.	22	15	8	10	12
Min.	0	0	0	0	0
A.F.	610	490	70	60	110
Water diverted 1340 A.F.				Acreage reported D-801	868
				D-803R	168
				Total	1036



DAILY DIVERSIONS OF CANALS--1955

DAILY DIVERSIONS OF CANALS--1955

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

SHIRHAN CANAL from North Platte River  
Measured through rating flume--Sec. 8-14-32 W.

Day	May	June	July	Aug.	Sept.
1	0	0	1	7	0
2	0	0	1	7	0
3	0	0	1	5	0
4	0	0	1	5	0
5	0	0	1	4	0
6	0	0	1	4	0
7	0	0	1	5	0
8	0	0	1	4	0
9	0	0	1	4	0
10	0	0	1	4	0
11	0	0	2	5	0
12	0	1	3	4	0
13	10	4	5	3	0
14	8	4	10	5	0
15	10	2	13	9	0
16	14	2	19	10	0
17	11	2	17	10	0
18	8	2	14	8	0
19	4	1	17	8	0
20	3	1	19	5	0
21	3	1	19	6	0
22	5	1	20	12	0
23	5	1	22	3	0
24	5	1	18	0	0
25	6	1	14	0	0
26	5	1	12	1	0
27	2	1	8	0	0
28	2	1	6	0	0
29	1	1	5	0	0
30	1	1	5	0	0
31	0	-	9	0	-
Mean	3	1	9	4	0
Max.	14	4	22	12	0
Min.	0	0	1	0	0
A.F.	200	60	530	270	0
Water diverted					
1060 A.F.					
Sutherland storage available					

Acreage reported  
D-680 1173

Day	Oct.	Nov	June	July	Aug.	Sept.
1	78	0	19	45	126	68
2	79	0	12	51	127	73
3	71	0	10	53	128	73
4	68	0	10	50	128	77
5	64	0	12	50	132	77
6	59	0	8	50	128	77
7	61	0	6	64	100	78
8	57	0	5	77	12	74
9	17	0	8	80	8	69
10	0	0	29	69	6	70
11	0	0	40	82	65	76
12	0	31	43	95	88	80
13	0	75	43	97	93	77
14	0	77	43	97	96	78
15	0	79	34	96	96	67
16	0	85	41	96	102	14
17	0	96	40	96	105	8
18	0	53	43	94	104	6
19	0	59	57	97	105	29
20	0	48	53	105	96	65
21	0	28	52	108	73	75
22	0	18	54	114	74	59
23	0	30	59	122	65	93
24	0	30	64	119	60	91
25	0	57	67	123	67	76
26	0	32	64	125	64	62
27	0	20	57	125	62	58
28	0	39	21	128	63	53
29	0	47	12	129	65	56
30	0	43	29	127	64	56
31	0	28	-	126	65	44
Mean	18	31	34	93	83	64
Max.	79	96	67	129	138	93
Min.	0	0	5	45	16	6
A.F.	1100	1930	2050	5730	5090	3800
Water diverted						
19700 A.F.						
Kingsley storage available						

Acreage reported  
D-662 7170

DAILY DIVERSIONS OF CANALS--1955

SUPERIOR CANAL from Republican River  
Measured through 12 foot Parshall flume  
Sec. 8-1-9 W.

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	10	0	37	29	7	136	61
2	8	0	37	30	7	139	54
3	9	0	39	31	6	136	49
4	8	0	48	24	6	136	49
5	8	0	51	0	8	139	50
6	10	0	50	0	10	137	46
7	10	0	53	0	9	137	45
8	8	0	62	0	9	139	46
9	7	0	56	0	10	130	46
10	8	0	42	4	10	115	45
11	3	0	42	12	15	89	45
12	0	0	42	11	16	89	43
13	0	0	42	11	18	88	39
14	0	0	43	10	19	83	36
15	0	0	42	10	18	87	33
16	0	0	42	10	24	100	31
17	0	0	41	11	43	102	29
18	0	0	42	6	60	103	29
19	0	0	39	0	90	104	29
20	0	0	37	5	98	105	25
21	0	0	37	11	120	105	14
22	0	0	37	10	132	106	6
23	0	0	37	10	135	105	0
24	0	0	40	10	135	102	0
25	0	0	40	10	134	94	0
26	0	0	37	10	136	88	0
27	0	0	31	10	142	82	0
28	0	0	31	10	135	81	0
29	0	30	31	9	135	79	0
30	0	38	30	9	130	73	0
31	0	-	32	-	136	69	-
Mean	3	2	41	10	63	106	28
Max.	10	38	62	31	142	139	61
Min.	0	0	30	0	6	69	0
A.F.	180	130	2520	600	3870	6500	1690
Water diverted							
15490 A.F.							
Supplemental storage included							

Acreage reported  
A-2691c 6412

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	1290	648	677	691	600	764	841	1670	1950	1850
2	0	0	1210	645	678	693	466	793	843	1650	1950	1850
3	0	0	1120	643	688	694	459	850	838	1680	1950	1850
4	0	0	1000	669	685	701	430	964	847	1650	1950	1850
5	0	13	937	747	675	701	407	1180	859	1120	1920	1850
6	0	120	845	740	672	699	430	1490	849	1380	1920	1845
7	0	245	836	728	672	703	441	1570	841	1580	1960	1830
8	0	449	831	722	670	701	443	1620	798	1710	1880	1840
9	0	608	811	716	670	704	445	1710	737	1780	1850	1830
10	0	874	831	715	694	696	442	1880	769	1910	1840	1830
11	0	1050	831	715	669	682	439	1960	784	1930	1840	1840
12	0	1200	832	708	669	683	459	1800	786	1950	1840	1840
13	0	1380	840	706	674	696	443	1800	798	2000	1820	1845
14	0	1350	831	706	670	688	436	1800	836	2000	1820	1860
15	0	1680	827	694	675	690	442	1810	1040	1980	1820	1860
16	0	1660	831	696	675	674	441	1800	1130	1980	1800	1860
17	0	1650	804	698	677	675	442	1750	1020	1980	1800	1850
18	0	1610	811	696	675	680	439	1720	1040	1960	1800	1850
19	0	1560	822	696	670	674	441	1610	1040	1950	1800	1850
20	0	1560	822	691	70	691	415	1330	1040	1940	1820	1830
21	0	1550	822	683	250	694	446	1170	1040	1940	1810	1820
22	0	1570	823	680	300	693	450	1160	1220	1930	1820	1820
23	0	1560	818	682	330	680	456	1130	1350	1930	1820	1820
24	0	1560	820	680	537	690	433	664	1290	1930	1820	1830
25	0	1580	822	682	608	699	441	997	1400	1940	1810	1870
26	0	1550	825	678	680	694	463	901	1410	1960	1810	1850
27	0	1560	807	680	690	703	449	706	1420	1960	1810	1810
28	0	1530	678	678	690	670	428	694	1360	1970	1820	1880
29	0	1510	658	678	---	666	456	840	1160	1980	1830	1830
30	0	1420	654	678	---	659	661	840	1110	1970	1810	1850
31	0	---	651	677	---	664	---	838	---	1960	1800	---
Mean	0	1080	850	692	607	688	455	1293	1017	1771	1846	1840
Max.	0	1680	1290	747	694	704	661	1900	1420	2000	1960	1850
Min.	0	0	651	643	70	659	407	664	737	1070	1800	1800
A.F.	0	64260	52240	42560	33700	42300	27060	79510	60490	108670	113530	109490

Water diverted 734010 A.F.

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	2	21	72	164	195	222	69	177	102	9	3
2	0	2	24	95	185	251	205	65	195	100	7	3
3	0	4	32	113	151	346	193	61	151	77	6	3
4	0	4	27	115	100	440	185	53	153	73	6	3
5	0	4	41	98	101	459	175	48	160	62	6	3
6	0	5	67	84	107	472	173	42	168	58	6	3
7	0	15	83	84	117	514	170	39	160	56	6	3
8	0	11	88	84	139	424	168	35	149	53	6	3
9	0	13	86	84	172	354	166	36	146	46	6	3
10	0	21	72	90	166	332	160	30	148	30	6	0
11	0	21	92	90	136	327	149	30	148	25	6	0
12	0	21	80	95	148	308	155	31	142	25	4	0
13	0	16	84	95	160	298	166	29	141	26	4	0
14	0	16	110	88	187	274	189	30	142	39	8	0
15	0	13	102	104	220	278	189	30	153	34	4	0
16	0	18	118	106	285	267	181	31	162	24	4	0
17	0	16	110	104	364	254	157	53	118	21	4	0
18	0	12	130	102	296	249	124	120	155	16	4	0
19	0	10	127	107	232	242	110	203	187	14	4	0
20	0	12	118	104	310	220	101	212	254	13	3	0
21	0	9	118	104	110	183	84	193	322	13	4	0
22	0	12	115	106	50	244	80	158	346	14	3	0
23	0	12	115	104	45	224	83	155	339	12	3	0
24	0	10	115	106	63	214	79	139	301	12	3	0
25	0	10	118	106	83	144	82	117	269	12	3	0
26	0	14	117	115	104	107	89	153	240	12	3	0
27	0	13	120	117	120	149	90	170	205	10	3	0
28	0	13	54	122	148	292	73	173	177	8	3	0
29	0	16	46	129	---	274	70	193	134	10	3	0
30	0	30	52	132	---	244	70	173	112	10	3	0
31	0	---	70	148	---	226	---	173	---	10	2	---
Mean	0	12	86	103	159	284	138	98	188	33	5	1
Max.	0	30	130	148	364	514	222	212	346	102	9	3
Min.	0	2	21	72	45	107	70	29	112	8	2	0
A.F.	0	740	5260	6350	8850	17460	8210	6040	11220	2020	280	50

Water diverted 66480 A.F.

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	546	398	555	516	660	503	541	778	466	605	1691	1469
2	302	230	599	460	641	548	451	879	547	680	1699	1549
3	257	322	526	533	675	512	371	905	596	623	1725	1548
4	455	302	466	523	642	484	525	914	594	712	1732	1402
5	436	294	408	508	657	495	505	895	427	893	1734	1485
6	387	321	576	529	617	447	541	988	586	1185	1582	1614
7	380	290	534	540	665	481	559	1007	672	1378	1478	1619
8	361	430	646	557	644	447	549	1013	728	1463	1438	1472
9	301	427	621	503	670	356	690	1185	783	1538	1353	1481
10	235	435	599	604	822	388	513	1330	733	1377	1330	1226
11	407	376	626	614	670	427	732	1362	949	1505	1344	1131
12	393	375	585	600	698	380	697	1251	272	1535	1473	1343
13	403	412	629	642	687	359	630	1113	935	1579	1685	1400
14	448	404	601	647	727	449	605	1220	995	1596	1708	1403
15	426	487	614	643	674	398	544	1234	1036	1705	1699	1375
16	467	419	653	540	631	469	417	1242	1064	1724	1729	1272
17	335	438	612	669	499	448	361	880	853	1735	1731	1106
18	473	544	571	702	515	420	623	441	678	1563	1604	1151
19	461	524	499	695	626	492	650	586	549	1456	1627	1322
20	426	559	566	658	599	475	636	800	856	1421	1636	1128
21	359	478	528	649	550	761	657	898	691	1463	1611	1102
22	379	605	422	656	579	685	773	751	653	1509	1450	1065
23	344	561	396	621	604	618	135	885	732	1550	1412	1066
24	296	577	366	693	639	622	139	792	855	1534	1452	1279
25	425	468	327	743	599	631	767	693	943	1548	1362	876
26	215	551	362	742	607	519	850	300	772	1627	1297	639
27	119	545	518	668	553	469	869	133	594	1684	1391	593
28	184	526	589	674	553	604	844	138	300	1673	1289	632
29	215	461	632	676	---	525	816	137	556	1653	1356	537
30	249	581	568	636	---	509	838	387	543	1691	1421	505
31	286	---	619	631	---	519	---	542	---	1720	1424	---
Mean	354	445	542	615	632	498	594	828	699	1417	1531	1193
Max.	546	605	653	743	822	761	869	1362	1064	1735	1734	1619
Min.	119	230	327	460	499	356	135	133	272	605	1289	505
A.F.	21760	26460	33350	37830	35110	30630	35360	50930	41570	87120	94140	70990
Water returned 565250 A.F.												

DAILY DIVERSIONS OF CANALS--1955

THIRTY MILE CANAL from Platte River  
Measured through rating flume--Sec. 31-12-26 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	62	0	64	74	349	0
2	55	0	94	73	347	0
3	59	0	95	75	348	0
4	68	0	102	80	351	0
5	68	0	100	82	355	0
6	69	0	98	78	358	0
7	69	0	94	98	358	0
8	55	0	100	172	356	0
9	74	0	97	147	348	0
10	68	40	110	121	349	0
11	67	99	103	145	338	0
12	64	98	99	207	326	0
13	62	89	94	261	306	0
14	59	107	94	246	285	0
15	58	98	97	294	287	0
16	57	89	90	319	285	0
17	59	86	89	305	280	0
18	56	71	85	318	223	0
19	32	87	91	340	288	0
20	3	75	101	346	279	0
21	0	78	107	352	262	0
22	0	102	102	349	246	0
23	0	101	82	349	50	0
24	0	78	90	346	20	0
25	0	87	79	348	13	0
26	0	83	82	345	7	0
27	0	75	82	343	7	0
28	0	62	82	340	5	0
29	0	53	72	348	5	0
30	0	52	70	351	5	0
31	0	46	---	350	0	0
Mean	38	57	92	245	229	0
Max.	74	107	110	352	358	0
Min.	0	0	64	73	5	0
A.F.	2310	3480	5440	15080	14070	0
Water diverted			Acreage reported			
40380 A.F.			A-1853 19163			
Sutherland Storage available			A-1976 3497			
			A-2077 320			
			Total 22980			

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1450	921	1010	1060	1140	1160	883	1300	931	1060	2040	1810
2	1470	844	1120	1020	1130	1210	831	1340	996	1150	2050	1770
3	1170	846	1070	1140	1050	1370	807	1360	972	1090	2040	1840
4	1410	889	915	1060	850	1440	884	1330	1010	1130	2050	1650
5	1410	897	958	974	870	1080	896	1320	965	1360	2080	1740
6	1300	895	977	849	813	1170	841	1380	1010	1400	2080	1880
7	1310	858	1050	862	885	1260	895	1360	1040	1740	2070	1780
8	1360	881	1050	873	1060	1260	935	1440	1070	1830	2050	1870
9	1250	920	1120	880	1110	1180	963	1550	1170	2010	2110	1870
10	1200	951	1040	956	709	1140	1090	1770	1350	2010	2190	1740
11	1190	874	948	965	923	1110	1030	1630	1540	2050	2080	1590
12	1150	884	952	964	803	992	1240	1950	897	2040	2060	1700
13	1160	844	922	845	942	991	1100	1940	1460	2030	2080	1720
14	1140	891	1060	990	1060	1070	1030	1880	1500	2100	2070	1620
15	1160	919	1000	985	1210	950	998	1910	1490	2090	2030	1660
16	1060	898	1070	1050	1210	952	871	1920	1600	2070	2060	1550
17	989	903	1060	1040	1330	987	865	2040	1560	2050	2040	1530
18	1070	971	1040	1050	1150	962	988	2060	1230	2040	2040	1420
19	1100	1010	1110	806	607	959	1110	2020	1080	2030	2040	1580
20	1060	983	1030	838	606	960	1050	1910	1270	1980	2070	1540
21	1070	988	1010	892	647	969	1120	1500	1120	2050	2070	1380
22	1030	1010	865	818	726	1130	1210	1370	990	2050	2040	1580
23	1020	963	913	798	926	1240	985	1380	1080	2070	2020	1490
24	990	1000	885	933	998	1090	799	1410	1190	2040	2000	1670
25	1160	970	847	927	1000	545	1200	1540	1300	2030	1920	1700
26	1110	986	928	1080	1010	746	1370	1820	1220	2030	1920	1620
27	847	984	1090	1080	1020	934	1280	1810	1620	2050	1920	1350
28	863	958	850	928	1120	1160	1370	1260	1900	2020	1820	1240
29	905	930	743	1100	---	1130	1280	999	1590	2040	1730	1080
30	922	1030	989	1100	---	1020	1330	973	1370	2060	1820	988
31	876	---	1050	1110	---	960	---	1160	---	2040	1700	---
Mean	1136	930	990	967	961	1069	1042	1569	1251	1863	2010	1600
Max.	1470	1030	1120	1140	1330	1440	1370	2060	1900	2100	2110	1880
Min.	847	844	743	798	606	545	799	973	897	1060	1700	588
A.F.	69820	55330	60850	59450	53370	65710	61990	96460	74420	114530	123570	95200

Water diverted  
930700 A.F.

Acreage reported  
A-2355, A-3476 164117  
A-3476 Storage only 37918  
A-3620 Storage only 3119  
A-3823 Storage only 3263  
A-4656 Storage only 12428  
A-5278 Storage only 12765  
Total 233610

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	105	0	0	0	0	0	0	0	109	93	13	101
2	23	0	0	0	0	0	0	44	175	83	10	156
3	36	0	0	0	0	0	0	109	203	127	4	191
4	77	0	0	0	0	0	0	138	262	196	0	205
5	102	0	0	0	0	0	0	138	310	290	0	205
6	102	0	0	0	0	0	0	153	342	350	0	207
7	65	0	0	0	0	0	0	205	348	258	0	194
8	6	0	0	0	0	0	0	214	350	367	29	126
9	65	0	0	0	0	0	0	252	292	450	16	171
10	64	0	0	0	0	0	0	312	272	278	6	158
11	64	0	0	0	0	0	0	342	248	201	1	179
12	65	0	0	0	0	0	0	323	216	80	16	179
13	64	0	0	0	0	0	0	186	174	46	82	172
14	57	0	0	0	0	0	0	182	150	163	59	155
15	52	0	0	0	0	0	0	302	134	76	81	130
16	49	0	0	0	0	0	0	268	49	4	92	145
17	48	0	0	0	0	0	0	164	30	0	44	167
18	46	0	0	0	0	0	0	20	38	7	111	177
19	15	0	0	0	0	0	0	19	69	7	189	179
20	0	0	0	0	0	0	0	20	101	4	142	194
21	0	0	0	0	0	0	0	142	169	60	133	268
22	0	0	0	0	0	0	0	258	220	158	179	212
23	0	0	0	0	0	0	0	286	171	229	5	246
24	0	0	0	0	0	0	0	250	246	222	37	254
25	0	0	0	0	0	0	0	310	264	262	62	107
26	0	0	0	0	0	0	0	172	284	189	159	16
27	0	0	0	0	0	0	0	51	208	97	169	28
28	0	0	0	0	0	0	0	42	62	13	175	59
29	0	0	0	0	0	0	0	16	11	8	198	37
30	0	0	0	0	0	0	0	16	39	3	182	80
31	0	0	0	0	0	0	0	16	---	4	156	---
Mean	36	0	0	0	0	0	0	160	185	140	76	157
Max.	105	0	0	0	0	0	0	342	350	450	198	268
Min.	0	0	0	0	0	0	0	0	11	0	0	16
A.F.	2190	0	0	0	0	0	0	9820	11000	8580	4660	9320

Water returned 45570 A.F.

DAILY DIVERSIONS OF CANALS--1955

TRI-COUNTY CANAL, JOHNSON POWER RETURN  
To Platte River--Sec. 2-8-21 W.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	253	742	725	778	700	422	782	168	435	222	211	39
2	144	798	700	705	650	660	740	154	464	198	216	60
3	130	753	668	676	689	622	655	34	406	183	187	36
4	225	792	654	748	700	892	737	39	340	175	177	44
5	157	802	693	696	774	885	651	30	358	138	196	86
6	161	609	781	745	748	961	625	20	278	87	183	99
7	239	674	653	739	778	1000	604	20	268	65	192	73
8	289	637	715	765	744	1126	555	20	329	76	190	84
9	301	677	662	737	782	1117	579	27	352	59	198	86
10	374	635	654	756	940	1470	500	25	329	62	130	91
11	380	684	665	748	782	1252	471	20	299	65	76	85
12	376	693	662	744	755	1276	571	19	299	39	194	85
13	483	677	700	796	758	1198	493	19	288	68	170	84
14	481	704	688	794	669	1077	501	18	219	19	177	64
15	537	735	750	757	596	968	542	17	157	77	175	54
16	489	750	660	716	629	701	641	17	107	72	209	51
17	568	724	708	734	633	716	608	16	269	89	150	60
18	610	740	660	718	641	688	573	15	293	58	166	78
19	550	734	714	681	769	704	544	13	476	61	127	60
20	615	710	638	722	800	772	555	15	366	111	53	68
21	582	670	684	759	760	1065	486	38	355	234	15	70
22	744	714	658	734	810	812	459	318	221	15	70	70
23	699	693	670	807	748	817	468	364	293	169	15	15
24	714	684	641	820	717	796	455	283	326	126	15	61
25	673	706	641	814	695	950	486	233	406	173	25	171
26	719	701	700	765	685	824	304	729	346	167	17	262
27	687	711	732	714	691	707	278	915	286	161	233	283
28	755	676	694	676	694	730	190	843	657	200	21	257
29	776	697	737	710	---	622	135	782	421	386	23	296
30	766	732	798	670	---	493	132	579	313	337	30	335
31	798	---	861	717	---	569	---	442	---	224	40	---
Mean	493	708	696	740	726	874	511	201	337	139	124	107
Max.	798	802	861	820	940	1470	782	915	657	386	233	335
Min.	130	609	638	670	596	493	132	13	107	19	15	15
A.F.	30300	42160	42780	45500	40340	53740	30390	12360	20050	8570	7630	6360

Water returned 340180 A.F.

DAILY DIVERSIONS OF CANALS--1955

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

Day	Oct.	Apr.	May	June	July	Aug.	Sept.
1	372	0	168	120	364	696	585
2	241	0	163	127	598	652	542
3	200	0	158	129	567	721	552
4	165	0	152	132	765	745	570
5	150	0	152	98	920	754	529
6	135	0	146	73	820	859	575
7	0	0	140	55	680	719	504
8	0	0	149	60	637	588	453
9	0	0	151	67	568	474	450
10	0	0	148	60	553	516	459
11	0	0	152	57	657	412	474
12	0	0	141	69	653	364	458
13	0	0	138	77	572	340	426
14	0	0	132	69	611	504	398
15	0	0	200	128	738	386	365
16	0	0	623	106	644	477	357
17	0	0	373	58	654	781	411
18	0	0	295	117	726	733	423
19	0	0	178	139	831	794	417
20	0	0	100	185	793	765	525
21	0	0	63	181	767	728	497
22	0	0	36	157	779	719	452
23	0	0	36	146	784	796	470
24	0	0	71	174	735	752	489
25	0	190	102	149	716	678	459
26	0	202	235	269	726	687	302
27	0	198	111	915	745	697	448
28	0	196	191	329	789	715	344
29	0	182	126	246	709	632	236
30	0	172	102	308	682	530	26
31	0	---	143	---	730	598	---
Mean	41	38	164	160	694	639	443
Max.	372	202	623	915	970	859	585
Min.	0	0	36	55	364	740	36
A.F.	2510	2260	10070	9520	42670	39300	26110

Water diverted 132660 A.F.  
Pathfinder storage included

DAILY DIVERSIONS OF CANALS--1955

TRI-STATE DIVERSIONS  
For Farmers Irrigation District and Preferred Rights  
Summary in Acre-feet--1955

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River.....	2510	2260	10070	9520	42670	39300	26310	132660
Optional Diversion (Estimated).....	0	0	210	250	700	1210	840	3210
<b>Total diversion.....</b>	<b>2510</b>	<b>2260</b>	<b>10280</b>	<b>9770</b>	<b>43370</b>	<b>40510</b>	<b>27170</b>	<b>135870</b>

Acreage reported	
D-918	58437
A-660	2913
O.D.	1620
<b>Total</b>	<b>63040</b>

DAILY DIVERSIONS OF CANALS--1955

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

Day	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	5	19	14
2	0	0	0	7	14	15
3	0	0	0	9	14	14
4	0	0	0	10	15	14
5	0	0	0	10	15	14
6	0	0	0	13	16	15
7	0	0	0	19	16	15
8	0	0	0	16	15	15
9	0	9	0	14	16	15
10	0	24	0	9	18	13
11	0	22	0	13	2	13
12	0	22	0	15	2	14
13	0	19	1	15	6	13
14	0	17	0	16	10	12
15	0	16	0	14	15	11
16	0	20	0	14	15	14
17	0	17	0	11	15	14
18	0	15	0	11	17	14
19	0	11	0	15	17	12
20	0	10	0	17	17	12
21	0	6	0	18	16	12
22	0	5	0	19	17	11
23	0	5	0	19	19	8
24	0	0	0	18	19	9
25	0	0	0	17	18	7
26	0	3	0	19	18	5
27	0	1	0	19	18	5
28	0	0	0	16	16	7
29	0	0	3	14	15	9
30	0	0	4	14	16	9
31	-	0	-	17	16	-
Mean	0	7	0	14	15	12
Max.	0	24	4	19	19	15
Min.	0	0	0	5	2	5
A.F.	0	440	20	880	920	700
Water diverted 2960 A.F.					Acreage reported D-763	1233

DAILY DIMENSIONS OF CANALS--1955

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

Day	Oct.	Nov.	Apr.	Day	June	July	Aug.	Sept.		
1	27	74	0	34	124	51	26	13		
2	27	72	0	33	79	58	26	22		
3	21	72	0	40	74	52	28	23		
4	22	75	0	38	67	46	27	23		
5	23	74	0	36	67	45	27	23		
6	24	74	0	36	53	41	28	23		
7	27	75	0	36	67	40	27	24		
8	31	34	0	36	76	34	26	22		
9	31	97	0	36	76	40	26	19		
10	34	32	0	34	86	40	27	19		
11	34	72	0	38	39	34	28	27		
12	36	61	0	34	94	36	23	22		
13	36	56	0	34	92	36	23	22		
14	38	55	24	34	89	34	23	23		
15	40	57	63	41	79	33	23	24		
16	41	54	61	72	69	36	23	21		
17	41	52	63	153	74	36	24	21		
18	41	52	50	152	99	31	23	21		
19	43	50	52	128	79	30	24	21		
20	41	50	56	131	58	28	30	21		
21	40	52	48	133	92	15	33	22		
22	40	54	48	124	103	18	34	22		
23	40	52	54	109	94	15	33	23		
24	40	52	63	94	167	17	28	24		
25	43	58	50	86	163	26	24	27		
26	41	63	45	109	163	28	19	30		
27	41	72	46	163	138	36	21	27		
28	41	72	50	148	118	27	23	27		
29	56	72	43	145	76	26	22	27		
30	61	44	38	159	63	26	22	28		
31	74	--	--	180	--	27	23	--		
Mean	38	55	28	85	92	34	26	23		
Max.	74	97	63	180	167	61	34	30		
Min.	21	44	0	34	58	15	19	18		
A.F.	2330	3870	1690	5250	5480	2090	1570	1380		
Water diverted	23660 A.F.			Acresage reported					A-393	10794

DAILY DIMENSIONS OF CANALS--1955

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

WINTERS CREEK CANAL from  
Winters Creek  
Measured through Parshall flume  
Sec. 19-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.	Day	Oct.	May	June	July	Aug.	Sept.
1	10	0	4	0	19	20	1	25	0	16	0	47	48
2	13	0	4	0	22	20	2	24	0	16	0	38	49
3	14	0	4	0	25	19	3	26	0	16	0	40	49
4	14	0	3	0	23	21	4	25	0	16	0	48	49
5	8	0	3	4	23	20	5	26	0	16	16	56	48
6	0	0	7	9	19	19	6	25	0	16	17	43	48
7	0	0	10	5	15	19	7	6	0	13	22	45	48
8	0	0	10	0	18	18	8	0	0	13	35	41	48
9	0	0	9	11	19	16	9	0	0	13	30	42	48
10	0	0	8	24	19	17	10	0	0	12	40	46	36
11	0	0	10	23	19	18	11	0	0	12	34	48	30
12	0	0	9	23	18	18	12	0	0	13	24	38	32
13	0	0	14	26	19	18	13	0	0	22	24	42	32
14	0	0	17	32	19	19	14	0	1	23	35	48	32
15	0	0	10	26	22	18	15	0	9	16	47	47	34
16	0	10	13	20	22	20	16	0	10	14	41	41	35
17	0	18	9	17	25	21	17	0	0	10	37	41	35
18	0	5	7	21	24	22	18	0	0	16	31	45	35
19	0	2	7	20	23	21	19	0	13	16	30	47	34
20	0	4	6	26	21	23	20	0	21	16	30	49	35
21	0	3	6	25	21	22	21	0	28	16	37	49	35
22	0	3	4	24	20	17	22	0	30	18	34	44	33
23	0	3	6	32	19	17	23	0	34	27	38	43	32
24	0	12	10	30	23	15	24	0	35	28	49	42	32
25	0	14	10	24	23	13	25	0	30	26	48	44	28
26	0	8	10	23	24	9	26	0	0	26	45	45	26
27	0	8	13	23	24	5	27	0	0	0	47	46	26
28	0	4	18	24	24	0	28	0	0	0	54	54	27
29	0	3	8	20	23	0	29	0	0	0	52	49	28
30	0	3	4	19	22	0	30	0	0	0	49	51	28
31	0	3	--	20	21	--	31	0	13	--	51	51	28
Mean	2	3	8	18	21	16	Mean	5	7	15	32	45	36
Max.	14	18	17	32	25	23	Max.	26	35	28	54	54	49
Min.	0	0	3	0	15	0	Min.	0	0	0	0	38	26
A.F.	120	200	500	1090	1310	960	A.F.	310	440	880	1980	2800	2240
Water diverted	4180 A.F.			Water diverted 8650 A.F.									

DAILY DIVERSIONS OF CANALS--1955

WINTERS CREEK FACTORY LATERAL from Winters Creek  
Measured through Farshall flume  
Sec. 19-22-54 W.

Day	Oct.	May	June	July	Aug.	Sept.
1	15	0	7	0	10	11
2	15	0	7	12	8	11
3	15	0	7	12	8	8
4	15	0	7	12	8	7
5	15	0	7	12	8	7
6	17	0	6	11	7	5
7	19	0	5	10	7	8
8	0	0	7	5	7	8
9	0	0	7	8	10	7
10	0	0	7	9	10	7
11	0	0	2	9	13	6
12	0	0	0	13	17	12
13	0	0	9	14	14	12
14	0	15	8	14	14	5
15	0	16	0	11	10	12
16	0	16	0	14	11	12
17	0	0	0	14	11	12
18	0	0	0	13	14	12
19	0	8	0	8	14	12
20	0	9	0	9	12	6
21	0	1	0	9	15	6
22	0	1	0	9	15	6
23	0	1	0	9	14	13
24	0	0	6	9	14	13
25	0	0	7	9	14	12
26	0	0	7	13	20	12
27	0	0	7	13	11	12
28	0	0	0	13	12	12
29	0	0	0	14	12	13
30	0	0	0	17	20	12
31	0	3	-	10	19	-
Mean	4	2	4	11	12	10
Max.	19	16	9	17	20	13
Min.	0	0	0	0	7	5
A.F.	220	140	220	660	750	580

Water diverted 2570 A.F.

DAILY DIVERSIONS OF CANALS--1955

WINTERS CREEK DIVERSIONS  
Summary in Acre-feet--1955

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	120	200	500	1090	1310	960	4180
Winters Creek.....	530	580	1100	2640	3510	2820	11220
Total diversion.....	650	780	1600	3730	4860	3780	15400
Water diverted							15400 A.F.
							Acres reported
							D-952 5748



MISCELLANEOUS STREAM DISCHARGE AND STORAGE RECORDS  
1956

KORTES RESERVOIR STORAGE IN ACRE-FEET  
Water Year Ending September 30, 1956

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4600	4530	4620	4630	4270	4640	4650	4690	4325	4580	4650	4520
2	4600	4450	4630	4660	4400	4570	4520	4680	4560	4450	4650	4600
3	4550	4680	4650	4450	4560	4510	4660	4600	4580	4560	4500	4590
4	4500	4640	4640	4520	4560	4530	4660	4640	4560	4600	4510	4610
5	4630	4560	4330	4580	4520	4680	4410	4480	4610	4340	4520	4500
6	4730	4540	4430	4630	4530	4570	4590	4700	4600	4470	4420	4650
7	4570	4640	4590	4610	4510	4480	4360	4580	4600	4610	4620	4560
8	4460	4530	4670	4480	4630	4600	4540	4560	4410	4420	4520	4650
9	4410	4560	4620	4580	4580	4580	4640	4650	4660	4500	4490	4520
10	4560	4530	4570	4660	4670	4620	4680	4540	4670	4410	4570	4680
11	4490	4490	4600	4600	4580	4480	4640	4620	4490	4610	4500	4560
12	4460	3900	4580	4650	4660	4730	4640	4590	4500	4410	4500	4660
13	4580	4160	4630	4580	4050	4660	4700	4560	4530	4550	4330	4590
14	4490	4480	4630	4510	4520	4610	4540	4580	4320	4670	4590	4570
15	4380	4260	4430	4670	4560	4600	4660	4530	4660	4530	4690	4550
16	4520	4560	4600	4490	4580	4530	4560	4520	4660	4560	4710	4530
17	4620	4530	4560	4640	4550	4320	4360	4560	4660	4580	4460	4620
18	4570	4670	4670	4600	4580	4660	4460	4580	4540	4640	4660	4580
19	4500	4580	4310	4610	4600	4420	4390	4420	4490	4580	4700	4640
20	4500	4600	4630	4660	4600	4520	4440	4580	4470	4620	4540	4610
21	4580	4530	4640	4480	4670	4680	4690	4620	4440	4520	4720	4580
22	4580	4650	4510	4690	4490	4310	4640	4630	4530	4610	4620	4560
23	4600	4600	4610	4660	4590	4700	4640	4640	4610	4350	4560	4500
24	4310	4640	4680	4700	4370	4560	4680	4660	4590	4580	4490	4580
25	4580	4580	4630	4600	4380	4660	4560	4490	4590	4610	4580	4610
26	4540	4460	4550	4620	4680	4660	4580	4500	4430	4650	4580	4580
27	4590	4500	4600	4660	4660	4660	4610	4500	4460	4660	4590	4640
28	4550	4510	4590	4500	4690	4660	4630	4530	4580	4570	4550	4500
29	4550	4600	4510	4660	4680	4680	4660	4550	4550	4580	4320	4560
30	4560	4640	4580	4560	---	4660	4670	4550	4460	4600	4680	4640
31	4530	---	4490	4580	---	4620	---	4450	---	4580	4680	---

DISCHARGE IN SECOND-FOOT OF NORTH PLATTE RIVER  
PASSING TRI-STATE DAM  
Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	210	7	6	57	2
2	204	8	152	45	3
3	207	8	600	26	3
4	210	8	410	12	3
5	72	8	338	9	2
6	12	8	123	15	3
7	12	6	22	30	10
8	10	4	15	86	15
9	10	3	7	64	8
10	10	3	5	64	3
11	10	3	5	66	3
12	9	3	5	34	2
13	9	2	6	25	2
14	10	17	5	9	2
15	10	20	5	3	2
16	12	11	5	3	2
17	8	8	45	4	2
18	8	7	97	10	2
19	12	6	12	6	2
20	5	7	10	5	2
21	15	6	12	4	2
22	6	7	28	4	1
23	6	6	17	4	1
24	5	7	3	2	2
25	4	6	2	2	1
26	8	5	15	3	1
27	17	3	18	2	1
28	7	3	26	2	1
29	7	3	86	2	1
30	7	3	72	3	25
31	7	---	72	3	---
Mean	37	7	72	19	4
Max.	210	20	600	86	25
Min.	4	2	2	2	1
A.F.	2260	390	4410	1200	228
Total Acre-feet	8480				

KINGSLEY RESERVOIR STORAGE IN ACRE-FEET  
Water Year Ending September 30, 1956

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	734400	734400	745400	778800	824500	871300	921300	923400	881200	782600	630800	505200
2	734400	734400	745400	780700	826400	871300	923400	923400	877200	776900	625700	500600
3	734400	736200	745400	782600	828300	873300	925400	921300	875200	775100	620600	499100
4	734400	736200	747200	786300	828300	875200	925400	921300	871300	771300	619000	496100
5	734400	736200	747200	788200	828300	877300	927400	919200	869300	767500	615600	493000
6	734400	736200	747200	790100	828300	879200	927400	919200	869300	765700	614000	490000
7	734400	738000	747200	792000	830200	881200	929500	919200	867400	767500	609000	487100
8	734400	738000	747200	793900	830200	883200	929500	917200	863400	769400	605800	484100
9	734400	738000	747200	793900	834100	885200	929500	917200	861500	767500	600800	481200
10	734400	738000	747200	795700	836000	885200	931600	915200	859500	761900	597500	478200
11	734400	738000	749100	797600	837900	887200	931600	915200	855600	758200	592600	475200
12	734400	739900	750900	799500	839900	887200	931600	913200	851700	754600	587600	472300
13	734400	739900	752700	801400	841800	889200	931600	911200	849700	749100	581100	470800
14	732500	741700	752700	803300	843800	891200	931600	909200	845000	741700	576200	467800
15	732500	741700	754600	805300	845800	893200	931600	907200	841800	736200	569700	464900
16	732500	743600	756400	805300	847700	895200	931600	905200	836000	730700	564800	462000
17	732500	741700	756400	805300	847700	897200	931600	905200	836000	725200	560000	457700
18	732500	739900	756400	805300	849700	899200	931600	903200	834100	718000	555100	454800
19	732500	738000	756400	807200	849700	901200	929500	901200	832100	710900	548800	452000
20	732500	738000	756400	807200	849700	901200	929500	899200	830200	705000	544100	449200
21	732500	738000	758200	807200	851700	905200	929500	899200	830200	698400	540900	446300
22	732500	739900	758200	807200	853600	907200	927400	897200	824500	691200	536200	443400
23	734400	743600	760100	807200	855600	907200	927400	895200	820600	685900	533000	439200
24	734400	743600	760100	812900	859500	909200	927400	893200	818700	680700	529900	436300
25	734400	745400	761900	814900	861500	911200	927400	891200	814900	673700	525200	433500
26	734400	747200	765700	816800	863400	913200	925400	891200	811000	666700	522100	430800
27	734400	747200	769400	818700	865400	915200	925400	891200	805300	659700	519000	428000
28	734400	747200	771300	820600	867400	917200	925400	891200	799500	654500	516000	425300
29	734400	745400	773200	822500	869300	917200	923400	889200	793900	647700	512900	422500
30	734400	745400	775100	824500	-----	919200	923400	887200	782200	640900	511400	418400
31	734400	-----	776900	824500	-----	919200	-----	885200	-----	635900	508300	-----

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.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	40916	44220	60181	63812	55843	58368	53222	52786	39579	54884	46448	26990
2	42170	44719	60300	63723	55044	58427	52753	52813	39858	55363	46387	26477
3	42038	45312	60062	63604	54644	58770	52180	53568	40634	55622	45431	26188
4	42459	46422	59537	63837	54272	59142	51553	53375	40725	55877	42846	25273
5	43329	46825	59765	63897	53870	59370	51535	53756	40695	55848	40050	24173
6	43680	47505	59669	63986	53522	59689	51268	53890	42302	56394	37487	23630
7	43558	47793	59723	63549	53393	59835	50929	53811	43309	56594	35201	21697
8	43634	48512	60172	63434	54568	59609	51152	54154	43882	56515	33261	20370
9	44200	49081	59915	61171	54132	59580	50835	53739	44420	55776	32233	18758
10	43374	48913	60201	63145	54159	59523	50709	53489	44888	55295	31480	17995
11	44348	49703	60317	63174	54328	59097	50289	52337	44169	54813	31593	17091
12	42807	50657	60464	63174	54355	58781	50761	52776	43328	54495	32072	17084
13	42373	50925	60609	62915	54628	58724	50800	52749	41916	53414	32295	17411
14	42393	51024	60833	62776	54875	58638	51462	52341	40749	52809	32442	17759
15	41716	51706	60382	62498	54992	58412	51725	52285	39472	52405	32131	18030
16	41558	52045	60754	61258	54651	58212	52369	52749	42285	52273	31497	18120
17	40958	51800	60838	60516	54734	58069	52375	51495	45004	52654	31578	18161
18	41374	52623	60632	59526	54791	58038	56637	50431	46651	54060	31800	18429
19	41343	53201	60484	59300	54911	57952	52522	49573	48232	54686	31727	18346
20	41586	53418	60490	58781	55049	57608	51967	48496	48711	55459	32007	17987
21	40285	54207	60639	58207	55220	57493	51875	47314	43186	55514	32228	17844
22	40239	55459	60856	57942	54569	57324	52175	45820	48063	55231	32334	17835
23	40716	55945	61322	57510	55132	56869	52093	44248	42629	54670	32590	17365
24	41544	57198	61559	57308	56196	56609	51929	42556	48945	54349	32373	17213
25	42171	58251	61877	56651	56453	56578	52071	40556	48996	53750	32085	16260
26	42553	58741	62085	57170	57000	56174	52295	39279	48532	52011	31413	15803
27	42696	59316	62203	57254	57283	55716	52736	38146	49269	50301	30871	15851
28	42128	59459	62601	57198	57627	55027	52867	38070	50396	49977	30046	15725
29	42483	59795	62874	56973	57368	54397	53058	38305	52659	49067	29803	15604
30	43520	60181	63286	56833	-----	54235	52813	38541	54158	48276	28445	16239
31	43545	-----	63608	56409	-----	53604	-----	39377	-----	47485	-----	-----

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND  
SOUTH PLATTE RIVERS NEAR NORTH PLATTE  
Water Year Ending September 30, 1956

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.
1												
1	1057	1108	1039	913	994	958	755	1494	1338	1972	3421	1708
2	952	1061	919	964	952	893	911	1489	1322	2181	3506	1562
3	1127	989	1018	956	975	887	945	1413	1283	2787	3278	1669
4	1087	932	859	897	1010	803	981	1371	1229	2829	2850	1669
5	1003	980	915	872	988	884	1025	1353	1436	2779	2874	1899
6	920	950	1032	849	976	904	978	1330	1458	2819	2976	1959
7	1044	1158	1063	949	940	887	910	1348	1459	2755	2772	1928
8	1065	1038	1024	831	945	877	795	1355	1327	2842	2936	1991
9	1046	1083	1061	901	934	858	874	1479	1277	2823	2873	1936
10	1201	1030	1025	921	912	850	996	1330	1157	2787	2915	2038
11	1255	1089	961	893	890	699	1035	1331	1258	3031	3185	1952
12	1246	1079	1085	855	892	720	1076	1348	1400	3150	3012	1768
13	1365	997	1145	867	966	898	1050	1259	1482	3245	2332	1557
14	1408	1080	1036	890	870	868	1103	1400	1773	3343	2733	1458
15	1386	949	1005	864	853	844	986	1381	1877	3387	2769	1444
16	1352	938	983	964	948	857	1011	1346	1962	3441	2646	1454
17	1386	1006	969	941	929	821	1009	1331	2625	3442	2798	1508
18	1315	986	939	1005	942	707	1062	1309	3746	3242	2669	1609
19	1315	988	997	971	891	754	1171	1289	2107	3135	2679	1596
20	1158	1117	962	1049	928	774	1289	1357	1844	3180	2878	1720
21	1185	1242	1096	973	951	776	1358	1430	1964	3149	2732	1778
22	1213	1105	1153	905	959	764	1184	1510	1805	3138	2306	1626
23	1187	1018	1094	945	948	757	1380	1709	1786	3334	2217	1522
24	1236	902	1191	926	964	741	1435	1663	1586	3164	2058	1624
25	1231	886	1084	896	880	666	1383	1551	1714	3115	1958	1804
26	1179	855	1115	924	949	794	1315	1694	1728	3205	1766	1884
27	1154	868	1109	943	934	737	1347	1746	1807	3245	1973	1800
28	1127	929	983	959	923	759	1429	1809	2170	3340	1861	1534
29	1011	882	915	886	948	756	1412	1512	1779	3335	1737	1596
30	918	1029	941	990	---	778	1462	1435	1843	3414	1615	1692
31	1201	---	904	1010	---	800	---	1343	---	3289	1588	---
Mean	1172	1009	1020	926	938	809	1122	1442	1718	3061	2597	1710
Max.	1408	1242	1191	1049	1010	958	1462	1809	3746	3442	3506	2038
Min.	918	855	859	831	853	666	755	1259	1157	1972	1588	1444
A.F.	72060	60050	62720	56940	53930	49730	56780	88690	102230	188230	159700	101720
Total Acre-feet	1062780											

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK  
Sec. 33-9-18- W. Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	0	0	14	0	0
2	0	0	41	0	0
3	0	0	32	0	0
4	0	0	25	0	0
5	19	0	25	0	0
6	13	0	6	0	0
7	5	0	0	0	0
8	2	0	0	0	0
9	1	0	0	0	0
10	3	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	10	0	0	0	0
23	7	0	0	0	0
24	0	8	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	12	0	0	0
30	0	8	0	0	0
31	0	0	0	0	0
Mean	2	1	5	0	0
Max.	19	12	41	0	0
Min.	0	0	0	0	0
A.F.	120	60	280	0	0

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN  
Sec. 6-20-52 W.  
Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	4	16	8	10	11
2	4	15	6	9	13
3	4	13	45	12	13
4	3	10	9	11	9
5	3	13	9	11	13
6	3	13	4	13	14
7	2	11	20	11	19
8	2	12	20	10	18
9	1	14	17	9	17
10	1	15	13	11	18
11	9	13	13	8	17
12	11	15	7	8	19
13	10	16	5	9	17
14	22	15	5	7	13
15	16	16	6	8	11
16	16	16	5	9	16
17	13	15	6	9	14
18	3	13	5	8	12
19	5	12	5	11	16
20	9	18	5	17	11
21	13	18	6	10	13
22	8	20	9	9	14
23	9	17	7	8	12
24	8	16	12	7	13
25	11	14	5	7	11
26	11	15	5	10	9
27	11	8	5	10	9
28	18	4	5	10	12
29	19	6	5	10	17
30	15	5	7	13	15
31	16	---	8	15	---
Mean	9	13	9	10	14
Max.	22	20	45	17	19
Min.	1	4	4	7	9
A.F.	550	800	570	610	820

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO  
 Sec. 34-18-46 W.--Water Year Ending September 30, 1956

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

CRESCENT LAKE STORAGE IN ACRES-FEET--At head of Blue Creek  
 Sec. 21-20-44 W.--Water Year Ending September 30, 1956

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	400	---	---	---	---	---	---	---	---	---	410	---
2	---	---	---	---	790	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	520	---
4	---	---	---	---	---	---	---	1110	1060	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	1240	---	---	920	---	---
7	---	---	---	---	790	1050	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	1100	---	480	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	1240	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	1150	---	---	740	500	---
14	---	---	---	---	---	---	---	---	950	---	---	---
15	---	---	---	---	---	---	---	---	---	---	430	---
16	---	---	---	---	790	---	---	---	---	---	460	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	1280	770	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	1150	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	300	---
23	---	---	---	---	790	---	---	---	---	680	---	---
24	---	---	---	---	---	---	---	990	---	650	---	---
25	---	---	---	740	---	---	---	---	---	590	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	1050	---	740	610	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	300
31	---	---	---	---	---	---	---	---	---	500	---	---

Note: Due to the low storage content, no water was withdrawn from the lake in 1956 for irrigation purposes by Blue Creek diversions.

DISCHARGE IN SECOND-FEET OF OGDAR  
CREEK NEAR BROADWATER—Sec. 11-18-48 W.  
Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	12	11	7	3	3
2	12	15	13	3	2
3	38	13	80	4	3
4	26	15	70	4	3
5	26	18	38	2	2
6	26	18	7	2	3
7	25	14	8	2	10
8	26	17	9	4	10
9	19	25	10	2	13
10	19	24	15	3	13
11	14	27	11	3	11
12	15	26	12	3	23
13	16	19	11	3	26
14	32	11	10	5	16
15	16	8	13	5	14
16	15	11	8	5	14
17	21	8	5	4	13
18	15	8	5	4	13
19	14	9	6	6	14
20	20	8	6	7	16
21	26	9	4	7	13
22	21	11	4	6	7
23	6	6	4	4	8
24	7	7	5	4	9
25	7	7	6	3	9
26	7	7	4	3	7
27	8	7	3	2	6
28	9	7	3	3	7
29	11	7	3	2	5
30	9	6	4	2	5
31	12	-	4	2	-
Mean	17	13	13	4	10
Max.	38	27	80	7	26
Min.	6	6	3	2	2
A.F.	1050	750	770	220	590

DISCHARGE IN SECOND-FEET OF ELM CREEK  
Sec. 33-9-19 W.—Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	0	2	18	0	0
2	0	34	17	0	0
3	0	19	16	0	0
4	0	19	13	1	0
5	0	8	3	3	0
6	0	3	0	0	0
7	17	4	4	4	0
8	16	2	6	7	10
9	15	2	1	1	3
10	4	8	0	0	10
11	1	3	0	0	1
12	0	0	0	1	0
13	0	0	2	0	3
14	15	0	0	0	0
15	3	0	0	0	0
16	14	0	0	6	4
17	13	0	0	2	4
18	6	0	0	4	6
19	5	5	1	2	7
20	12	1	0	0	7
21	7	20	0	0	4
22	4	19	2	14	3
23	3	23	0	4	6
24	1	8	2	4	6
25	10	15	0	0	8
26	28	14	1	0	7
27	23	4	1	0	7
28	17	0	0	0	4
29	7	16	0	0	4
30	2	17	0	0	3
31	1	-	0	0	-
Mean	7	8	3	2	4
Max.	28	34	18	14	10
Min.	0	0	0	0	0
A.F.	440	490	170	100	210

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT  
Water Year Ending September 30, 1956  
Sec. 19-20-50 W.

Date	May	June	July	Aug.	Sept.
1	2	7	3	9	16
2	2	6	4	10	13
3	2	5	300	9	15
4	3	4	25	9	14
5	3	5	5	9	14
6	3	4	4	8	15
7	3	3	4	6	19
8	4	3	4	6	19
9	4	4	3	6	15
10	5	5	3	7	16
11	10	5	3	8	13
12	10	4	3	8	9
13	10	3	3	10	10
14	4	3	6	8	8
15	4	3	5	10	8
16	3	3	6	10	8
17	7	3	5	12	10
18	12	3	10	12	10
19	11	3	10	15	10
20	7	5	9	17	14
21	8	4	7	14	10
22	6	3	8	16	9
23	5	3	9	15	13
24	8	6	13	16	12
25	11	6	11	23	14
26	9	5	10	16	14
27	5	3	9	17	12
28	8	3	9	16	11
29	5	3	8	16	12
30	7	3	8	12	16
31	6	-	8	14	-
Mean	6	4	17	12	13
Max.	12	7	300	20	19
Min.	2	3	3	6	8
A.F.	370	240	1020	720	750

DISCHARGE IN SECOND-FEET OF DA'SON COUNTY DRAIN NO. 2  
Sec. 25-10-23 W.—Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	1	2	2	2	4
2	1	2	2	1	4
3	1	3	2	3	4
4	1	3	2	2	4
5	1	3	3	3	5
6	2	3	2	4	4
7	2	3	1	8	5
8	2	3	2	6	4
9	2	3	2	6	4
10	2	3	4	10	4
11	3	3	3	7	4
12	3	2	1	7	4
13	3	2	4	7	4
14	3	2	3	4	6
15	3	2	1	2	5
16	3	1	1	3	4
17	2	3	1	6	4
18	1	3	4	4	3
19	1	3	1	3	3
20	0	3	4	4	3
21	1	2	5	4	3
22	1	1	6	5	3
23	2	1	6	5	3
24	2	1	6	4	3
25	0	1	7	4	3
26	0	1	7	5	3
27	1	1	2	6	3
28	2	1	2	6	3
29	2	1	1	6	3
30	2	1	4	7	2
31	2	-	1	5	-
Mean	2	2	3	5	4
Max.	3	3	7	10	5
Min.	0	1	1	1	2
A.F.	100	120	180	300	220

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK,  
UPPER, NEAR NORTHPORT--Sec. 20-20-50 W.  
Water Year Ending September 30, 1956

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK BELOW OLIVER RESERVOIR AND NEW RUTHER DIVERSION D.  
Sec. 31-15-56 W.--Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.	Date	May	June	July	Aug.	Sept.
1	1	1	5	10	10	1	4	4	5	8	5
2	1	1	5	7	9	2	4	3	6	8	4
3	1	1	500	8	7	3	4	3	5	8	5
4	1	1	15	8	7	4	4	2	4	4	5
5	1	2	5	7	7	5	4	2	6	4	4
6	1	6	4	8	8	6	4	2	4	4	5
7	1	1	4	7	9	7	4	4	4	4	5
8	1	1	2	6	9	8	4	5	4	4	4
9	1	1	2	7	9	9	4	2	5	4	4
10	1	1	1	7	9	10	4	4	5	4	5
11	1	1	1	6	11	11	4	4	5	4	5
12	1	1	1	6	11	12	4	4	6	4	4
13	1	1	1	6	12	13	4	4	6	4	4
14	1	1	1	6	13	14	5	4	6	4	3
15	1	1	18	5	14	15	4	4	6	4	3
16	1	1	10	5	15	16	4	7	6	4	3
17	1	1	8	9	15	17	4	6	6	3	3
18	1	29	9	6	12	18	4	7	6	4	3
19	1	17	9	7	11	19	4	7	5	4	3
20	1	39	9	8	10	20	4	8	7	4	3
21	1	17	9	8	10	21	4	6	7	3	3
22	1	13	17	7	9	22	8	5	7	3	2
23	12	4	5	7	10	23	7	5	7	3	3
24	5	4	5	8	9	24	5	7	6	3	3
25	1	3	5	7	9	25	5	7	5	3	3
26	3	3	5	7	9	26	5	7	6	3	2
27	2	3	30	7	9	27	5	6	6	3	4
28	1	3	11	7	9	28	4	6	5	3	4
29	1	5	10	7	9	29	3	5	6	5	4
30	1	4	9	7	11	30	4	6	5	5	5
31	2	-	17	8	-	31	4	-	8	5	-
Mean	2	6	24	7	10	Mean	4	5	6	4	4
Max.	12	39	500	10	15	Max.	8	8	8	8	5
Min.	1	1	1	5	7	Min.	3	2	4	3	2
A.F.	100	330	1450	430	600	A. F.	270	290	350	260	220

OLIVER RESERVOIR STORAGE IN ACRE-FEET  
From Lodgepole Creek--Sec. 36-15-57 W.  
Water Year Ending September 30, 1956

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	3140	---	---	---	---	4160	---	---	1660	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	2920	---	---	3580	---	---	---	---	---	---	---
4	---	---	---	---	---	---	4000	---	---	---	---	---
5	---	---	---	---	---	---	---	---	4230	---	---	---
6	2730	---	---	---	---	---	---	---	---	3330	---	1020
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	2940	---	---	---	---	---	4200	---	---	1460	---
9	---	---	---	---	---	3840	---	---	---	---	---	---
10	---	---	---	---	3620	---	---	---	---	---	---	---
11	---	---	---	---	---	---	4030	---	---	3070	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	2770	---	---	3430	---	---	---	---	4180	---	---	1110
14	---	---	---	---	---	---	---	---	---	---	1120	---
15	---	---	---	---	---	---	---	4210	---	---	---	---
16	---	---	---	---	3660	---	---	---	---	---	---	---
17	---	2970	---	---	---	---	---	---	---	2540	---	---
18	---	---	---	---	---	---	4050	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	2830	---	---	---	---	3930	---	---	4070	---	---	1180
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	3240	---	---	---	---	4200	---	---	---	---
23	---	---	---	---	3710	---	---	---	---	---	---	---
24	---	---	---	---	---	---	4060	---	---	---	800	---
25	---	3090	---	3560	---	---	---	---	---	2020	---	1240
26	2900	---	---	---	---	3980	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	3750	---	---	---	3560	---	---	---
29	---	---	---	---	---	---	---	4240	---	---	910	---
30	---	---	---	---	---	---	---	---	---	---	---	1260
31	---	---	---	---	---	---	---	---	---	---	---	---

**DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK  
ABOVE BENNETT RESERVOIR East line Sec. 29-15-55 W  
Water Year Ending September 30, 1956**

Date	May	June	July	Aug.	Sept.
1	6	8	1	1	1
2	6	5	0	1	0
3	5	7	0	0	1
4	5	1	0	1	1
5	4	1	0	1	0
6	4	2	0	0	0
7	3	1	0	0	0
8	3	1	0	1	3
9	4	0	0	0	3
10	4	1	0	0	2
11	8	2	1	1	0
12	7	1	1	0	0
13	5	1	1	1	2
14	5	1	2	1	1
15	2	2	3	2	0
16	2	5	2	1	0
17	2	1	1	0	1
18	2	1	2	0	0
19	0	1	1	0	0
20	0	0	1	1	2
21	1	1	1	1	0
22	1	1	2	0	1
23	1	0	1	1	0
24	1	1	1	1	1
25	0	3	1	1	0
26	0	1	2	0	1
27	0	1	1	2	0
28	0	1	1	3	0
29	0	1	0	1	0
30	6	0	0	0	0
31	6	—	0	0	—
Mean	3	2	1	1	1
Max.	8	8	3	3	3
Min.	0	0	0	0	0
A.F.	180	100	50	40	40

**BENNETT RESERVOIR STORAGE IN ACRES-FEET  
A-657, A-1974, on Lodgepole Creek—Sec. 22-15-55 W.  
Water Year Ending September 30, 1956**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	—	—	1230	—	—	—	—	1110	—	—	470	—
2	—	—	—	—	—	—	—	—	—	—	—	—
3	—	970	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	1170	—	—	—	—	—
5	—	—	—	—	—	—	—	—	850	—	—	—
6	790	—	—	—	—	—	—	—	—	740	—	170
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	1020	—	—	—	—	—	1030	—	—	410	—
9	—	—	—	—	—	1010	—	—	—	—	—	—
10	—	—	—	—	780	—	—	—	—	—	—	—
11	—	—	—	—	—	—	1210	—	—	700	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	140
14	—	—	—	—	—	—	—	—	—	—	370	—
15	—	—	—	—	—	—	—	880	—	—	—	—
16	—	—	—	—	760	—	—	—	—	—	—	—
17	—	1030	—	—	—	—	—	—	—	670	—	—
18	—	—	—	—	—	—	1060	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	1110	—	—	630	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	920	—	—	—	—
23	—	—	—	—	740	—	—	—	—	—	—	—
24	—	—	—	—	—	—	1050	—	—	—	280	—
25	—	1200	—	—	—	—	—	—	—	550	—	—
26	940	—	—	—	—	1130	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	520	—	—	—
29	—	—	—	—	—	—	—	900	—	—	230	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—



DISCHARGE IN SECOND-FEET OF LODGEPOLE  
CREEK BELOW BENNETT RESERVOIR  
Sec. 22-15-55 W.

Water Year Ending September 30, 1956

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

DISCHARGE IN SECOND-FEET OF MELBETA SPRING NEAR  
MELBETA—Sec. 13-21-54 W.  
Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	1	5	6	5	2
2	0	7	8	3	0
3	0	5	10	5	1
4	0	8	14	0	1
5	0	7	11	0	0
6	0	8	23	0	0
7	0	7	26	0	0
8	0	11	16	0	3
9	3	11	7	0	4
10	3	11	21	0	0
11	2	10	7	0	1
12	2	11	12	0	0
13	3	8	18	2	0
14	2	8	18	2	0
15	2	9	13	1	3
16	2	12	11	0	3
17	2	12	9	0	3
18	2	16	9	0	0
19	1	19	4	0	2
20	2	15	5	2	0
21	2	15	6	1	0
22	1	14	7	0	0
23	2	12	6	3	0
24	2	5	1	0	0
25	2	1	0	0	0
26	14	7	0	5	0
27	13	1	4	4	0
28	5	2	2	3	0
29	11	0	4	0	0
30	5	5	5	1	0
31	4	-	4	4	-
Mean	3	9	9	1	1
Max.	14	19	26	5	4
Min.	0	0	0	0	0
A.F.	170	520	570	80	50

BOX BUTTE RESERVOIR STORAGE IN ACRE-Feet  
From Niobrara River—Sec. 28-29-49 W.  
Water Year Ending September 30, 1956

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	19890	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	19490	---	---	---
7	---	---	---	---	---	---	---	---	19460	---	---	---
8	---	---	---	---	---	---	---	---	19430	---	---	---
9	---	---	---	---	---	---	---	---	19370	14880	7340	---
10	5920	7550	10240	12980	15360	17980	20270	21650	---	---	---	4570
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	20630	---	19230	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	18980	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	18590	---	5920	---
20	---	8570	10920	---	16080	18710	---	21570	18440	11500	---	3840
21	6300	---	---	14030	---	---	---	---	18240	---	---	---
22	---	---	---	---	---	---	20880	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	17480	---	---	---
26	---	---	---	---	---	---	---	---	17200	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	16360	---	---	---
29	---	---	---	---	16960	---	---	---	16000	---	---	---
30	6630	9220	---	---	---	19480	21330	---	---	---	---	4000
31	---	---	12380	14720	---	---	---	20460	---	---	5000	---

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH INTO  
SUTHERLAND POWER RETURN Sec. 16-13-30 W  
Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	23	19	14	11	7
2	22	19	15	9	6
3	22	19	16	9	6
4	20	15	16	16	8
5	21	16	16	15	10
6	20	19	16	14	8
7	20	23	16	14	7
8	20	17	16	12	11
9	20	19	16	12	11
10	19	16	16	14	11
11	19	14	16	14	11
12	20	14	16	14	11
13	20	14	16	14	18
14	19	14	15	12	12
15	20	12	14	12	11
16	19	12	14	12	11
17	19	70	16	12	11
18	18	165	16	12	11
19	19	97	17	12	12
20	19	41	16	14	11
21	19	40	14	13	11
22	18	71	15	13	11
23	19	19	16	13	8
24	19	18	16	12	7
25	18	16	14	12	7
26	18	16	14	11	7
27	27	14	14	12	10
28	28	14	13	12	9
29	22	14	12	12	11
30	22	14	12	12	11
31	20	--	12	6	--
Mean	20	27	15	12	10
Max.	28	165	17	16	18
Min.	18	12	12	6	6
A.F.	1250	1630	920	760	590

DISCHARGE IN SECOND-FEET OF OAK CREEK NEAR LOOP CITY  
Sec. 12-15-14 W.--Water Year Ending September 30, 1956

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	9.2	0	0	0	0	0	0
2	0	0	0	0	0	5.3	0	0	0	0	0	0
3	0	0	0	0	0	3.1	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	4.7	0	0
5	0	0	0	0	0	0	0	0	33	301	0	0
6	0	0	0	0	0	0	0	0	4.8	5.0	0	0
7	0	0	0	0	0	0	0	0	11	0	0	0
8	0	0	0	0	0	0	0	0	1.6	0	0	0
9	0	0	0	0	0	0	0	0	.1	0	0	0
10	0	0	0	0	0	0	0	0	0	0	50	0
11	0	0	0	0	0	0	0	0	0	0	6.0	0
12	0	0	0	0	0	0	0	0	0	0	.5	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	30	0	20	0
18	0	0	0	0	0	0	0	0	55	0	52	0
19	0	0	0	0	0	0	0	0	6.2	0	.1	0
20	0	0	0	0	0	0	0	0	.6	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	16	0	0	0
23	0	0	0	0	0	0	0	0	2.3	0	0	0
24	0	0	0	0	2.0	0	0	0	0	0	0	0
25	0	0	0	0	3.6	0	0	0	4.3	0	0	0
26	0	0	0	0	6.8	0	0	0	19	0	0	0
27	0	0	0	0	7.2	0	0	0	0	0	0	0
28	0	0	0	0	6.0	0	0	0	0	0	0	0
29	0	0	0	0	6.4	0	0	0	2.1	0	0	0
30	0	0	0	0	---	0	0	0	.4	0	0	0
31	0	0	0	0	---	0	0	0	---	0	0	0
Mean	0	0	0	0	1.1	.6	0	0	6.2	10.0	4.2	0
Max.	0	0	0	0	7.2	9.2	0	0	55	301	52	0
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	0	0	0	0	63	35	0	0	370	616	256	0
Total acre-feet												
1340 A.F.												

Discharge in Second-Feet of Silvernail Drain  
Near Bridgeport--Sec. 6-19-49 W.  
Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	4	11	4	8	17
2	4	5	9	13	14
3	4	5	32	10	15
4	4	3	2	4	6
5	4	4	2	2	7
6	4	4	1	14	6
7	4	4	2	10	7
8	3	3	2	4	9
9	4	2	2	5	10
10	3	2	4	3	8
11	3	7	4	4	7
12	3	4	4	2	6
13	3	4	2	6	5
14	3	11	3	7	5
15	3	8	3	6	4
16	4	3	3	6	5
17	4	3	4	6	14
18	5	2	3	4	5
19	5	17	6	4	6
20	5	10	3	6	4
21	5	5	3	5	5
22	5	19	4	5	4
23	16	9	9	4	4
24	7	3	15	4	10
25	4	4	14	24	8
26	2	4	10	18	5
27	10	3	5	14	6
28	2	4	5	9	5
29	10	14	5	11	8
30	4	3	7	11	6
31	8	—	5	17	—
Mean	5	6	6	8	7
Max.	16	19	32	24	17
Min.	2	2	1	2	4
A.F.	300	360	350	490	440

DISCHARGE IN SECOND-FEET OF TOWER CREEK NEAR OVERTON  
Sec. 1-3-26 W.--Water Year Ending September 30, 1956

Date	May	June	July	Aug.	Sept.
1	0	5	5	0	5
2	0	7	2	0	4
3	3	7	4	0	4
4	0	6	5	0	6
5	0	3	2	0	0
6	7	0	4	0	4
7	6	0	5	0	9
8	5	0	3	0	9
9	7	0	4	1	10
10	5	0	4	0	10
11	3	0	3	0	10
12	1	0	2	0	8
13	1	0	0	5	7
14	1	0	0	0	8
15	8	0	0	0	8
16	5	0	0	0	7
17	7	0	0	0	8
18	3	0	0	0	8
19	0	0	3	0	5
20	0	4	3	5	4
21	0	11	4	6	4
22	0	14	0	5	7
23	0	10	0	4	5
24	0	4	1	1	2
25	2	1	1	4	3
26	6	6	1	4	2
27	6	5	0	4	0
28	7	5	0	1	0
29	4	6	0	1	0
30	4	8	0	0	0
31	4	—	0	3	—
Mean	3	3	2	1	5
Max.	8	14	5	6	10
Min.	0	0	0	0	0
A.F.	190	200	110	90	310

WHITNEY RESERVOIR STORAGE IN ACRE-FEET  
From White River--Sec. 34-33-51 W.  
Water Year Ending September 30, 1956

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	9710	---	---	---	---
2	---	---	---	---	6940	---	---	---	---	6990	---	---
3	3180	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	5980	---	---	---	---	---	---	---	2400
5	---	---	---	---	---	---	9400	---	9580	---	---	---
6	---	---	---	---	---	---	---	---	---	---	4080	---
7	---	---	---	---	---	8350	---	---	---	---	---	---
8	---	---	---	---	7230	---	---	9530	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	9600	---	---	---	---	---
11	---	---	---	6260	---	---	---	---	9150	---	---	2120
12	---	---	---	---	---	---	---	---	---	6410	---	---
13	3300	---	---	---	---	8590	---	---	---	---	3600	---
14	---	---	5140	---	---	---	---	---	---	---	---	---
15	---	---	---	---	7480	---	---	9480	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	9690	---	---	5840	---	---
18	---	---	---	---	---	---	---	---	---	---	---	1920
19	3490	---	---	6540	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	8150	---	---	---
21	---	---	5440	---	7740	---	---	9460	---	---	2990	---
22	---	4360	---	---	---	8930	---	---	---	5280	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	9620	---	---	---	---	---
25	---	---	---	---	---	---	---	---	7810	---	---	---
26	---	---	---	---	---	9030	---	---	---	---	---	1720
27	3660	---	5670	6810	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	2710	---
29	---	---	---	---	8070	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	4460	---	1680
31	---	---	---	---	---	---	---	9600	---	---	---	---

**DISCHARGE FROM DRAINS**

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

Values in Acre-Feet

For the Water Year Ending September 30, 1956

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	180	80	60	60	20	30	100	750	1470	530	290	330	3900
Bayard Sugar Factory Drain	2090	1530	1510	1320	1100	1000	730	430	1030	1610	1700	690	14740
+Cleveland Drain	150	120	60	90	70	60	70	550	800	570	610	820	3970
*DeGraw Drain	200	150	140	160	140	160	140	180	110	120	90	70	1660
Dugout Creek, Upper	370	220	210	120	90	60	60	100	330	1450	430	600	4040
*Fairfield Seep	20	10	0	0	0	0	0	0	30	40	120	140	360
*Fanning Seep	60	90	80	150	60	40	30	60	30	70	120	120	910
Gering Drain	2190	1950	1830	1490	1270	1260	1140	1560	2210	4530	2680	2440	24550
Horse Creek	3460	2010	1720	1350	1060	1090	660	2320	3930	5410	2920	4020	29950
+Indian Creek	300	260	230	180	170	160	120	370	240	1020	720	750	4520
*Lane Drain	300	150	120	70	60	60	50	70	330	240	400	240	2090
+Melbeta Drain	120	120	120	70	70	70	40	170	520	570	80	50	2000
Nine Mile Drain	7600	5230	4680	4100	3560	3580	3700	4420	5450	7060	7080	7890	64350
Red Willow Drain	7180	4530	4120	3430	2850	2710	3060	2740	5220	7340	3070	5090	51340
*Scottsbluff Drain No. 1	360	270	300	220	120	120	120	120	220	360	700	860	3770
*Scottsbluff Drain No. 2	230	100	60	60	60	30	60	150	420	660	460	460	2750
Sheep Creek	5040	4340	4520	4160	3610	3530	1810	610	230	1270	390	190	29700
Spotted Tail Creek, Dry	1380	840	1130	1130	950	950	1630	1640	790	2260	1500	1390	15590
Spotted Tail Creek, Wet	610	510	510	320	530	410	290	700	640	780	1160	720	7180
Tub Springs	2710	2020	1880	1590	1370	1410	1190	1850	1740	1550	640	1570	19520
Winters Creek	3710	2880	2640	2640	2330	2380	2290	1540	670	1080	910	2620	25690
Totals	38260	27410	25920	22710	19490	19110	17290	20330	26410	38520	26070	31060	312580

\*Estimated for entire year from measurements.

+Estimated October-April inclusive. One reading daily May-September.

DIVERSIONS FROM DRAINS

1955-1956

DIVERIONS FROM DRAINS BETWEEN  
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1955

	Oct.	May	June	July	Aug.	Sept.	Total
Northport Canal from:							
Akers Draw.....	0	490	560	750	630	680	3110
Sheep Creek.....	0	2650	3630	3980	3960	4110	18330
Dry Spotted Tail Creek.....	0	340	430	430	1110	1010	3320
Wet Spotted Tail Creek.....	0	430	540	570	770	1020	3330
Tub Springs.....	0	870	1460	1440	1490	1230	6490
Enterprise Canal from:							
Stewart & Morrill Drains.....	50	30	30	80	110	130	430
Wet Spotted Tail Creek.....	160	310	290	280	380	420	1840
Tub Springs.....	0	350	0	530	630	80	1590
Winters Creek Canal from:							
Winters Creek.....	530	580	1100	2640	3550	2820	11220
Alliance Canal from:							
Bayard Drain.....	150	870	1030	860	400	710	4020
Red Willow Creek.....	640	1250	1710	1960	3010	1850	10420
Total.....	1530	8170	10780	13520	16040	14060	64100

DIVERIONS FROM DRAINS BETWEEN  
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1956

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport & Tri-State Canals from:								
Akers Draw.....	0	0	490	500	560	730	600	2880
Sheep Creek.....	0	0	2720	2700	3000	4730	5240	18390
Dry Spotted Tail Creek.....	0	0	0	500	810	1400	1230	3940
Wet Spotted Tail Creek.....	0	0	230	660	780	860	1250	3780
Tub Springs.....	0	0	1000	1090	1120	1640	1710	6560
Enterprise Canal from:								
Stewart & Morrill Drains.....	30	0	10	10	100	260	250	660
Wet Spotted Tail Creek.....	110	110	310	310	390	640	520	2390
Tub Springs.....	0	310	70	290	590	1010	220	2490
Winters Creek Canal from:								
Winters Creek.....	0	0	1190	2400	2540	3510	2700	12340
Alliance Canal from:								
Bayard Drain.....	0	190	710	1080	940	350	1040	4310
Red Willow Creek.....	390	390	1630	1010	1440	3060	2360	10280
Total.....	530	1000	8360	10550	12270	18190	17120	68020

DAILY DIVERSION OF CANALS  
1956



DAILY DIVERSIONS OF CANALS--1956

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	17	18	20	18	16
2	0	16	18	24	19	14
3	0	16	19	42	20	13
4	0	16	20	7	21	13
5	0	17	16	0	22	13
6	0	9	12	0	14	13
7	0	0	22	0	3	14
8	0	0	23	0	5	13
9	0	0	24	0	6	13
10	0	0	23	0	7	14
11	0	0	23	0	8	18
12	0	0	25	8	5	22
13	0	0	27	19	3	22
14	0	3	30	22	0	22
15	0	15	37	22	0	22
16	0	16	22	22	0	22
17	0	17	2	21	0	22
18	0	15	0	20	0	22
19	0	14	0	20	0	22
20	0	15	0	20	0	22
21	0	17	5	20	0	22
22	0	17	22	20	0	21
23	0	17	23	20	0	22
24	0	18	21	19	0	24
25	7	16	20	20	0	24
26	16	10	20	19	0	23
27	16	11	20	18	0	24
28	20	17	18	18	0	10
29	18	17	18	19	2	0
30	17	16	19	17	12	0
31	--	17	--	17	13	--
Mean	3	12	18	15	6	17
Max.	20	18	37	42	22	24
Min.	0	0	0	0	0	0
A.F.	190	710	1080	940	350	1040
Water diverted				Acreage reported		
	4310 A.F.			D-874-1035 2106		

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	23	0	27	37	23	27	50
2	22	0	27	44	26	32	49
3	22	0	26	41	0	35	43
4	18	0	26	33	0	39	46
5	16	0	26	22	0	44	50
6	16	0	25	0	0	46	49
7	11	0	24	0	0	49	49
8	14	0	24	0	0	50	42
9	15	0	24	5	0	53	42
10	16	0	25	11	0	53	9
11	10	0	23	19	0	53	0
12	9	0	23	29	0	46	46
13	2	0	14	32	14	44	45
14	0	0	0	22	40	49	45
15	0	0	4	0	37	63	13
16	0	0	0	0	38	67	21
17	0	0	27	12	40	67	49
18	0	0	37	15	64	53	51
19	0	0	33	17	53	59	50
20	0	6	28	0	42	55	16
21	0	8	30	0	38	54	32
22	0	8	32	2	34	53	40
23	0	8	30	23	34	52	43
24	0	20	31	18	23	50	44
25	0	27	48	24	24	44	46
26	0	28	32	16	22	41	45
27	0	26	37	15	19	50	46
28	0	20	34	21	35	53	42
29	0	20	32	25	41	54	42
30	0	25	37	24	40	52	42
31	0	--	38	--	40	56	--
Mean	6	6	27	17	23	50	40
Max.	23	28	48	44	64	67	51
Min.	0	0	0	0	0	27	0
A.F.	390	390	1630	1010	1440	3060	2360
Water diverted				Acreage reported			
	10280 A.F.			D-874-1035 4022			
				A-1181 80			
				A-1432 60			
				A-1436 18			
				A-1436 18			
				Total 5100			

DAILY DIVERSIONS OF CANALS--1956  
ATKINS-POLLY CANAL from Lodgepole Creek  
Measured through rating flume--Sec. 30-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	2	0	0	0
2	0	2	0	0	0
3	0	2	0	0	0
4	0	2	0	3	0
5	0	0	0	3	0
6	0	0	0	3	0
7	0	0	0	3	0
8	0	0	0	3	0
9	0	0	0	3	0
10	0	0	0	3	0
11	0	0	0	3	0
12	0	0	0	3	0
13	0	0	0	3	0
14	0	0	0	2	0
15	0	0	0	2	0
16	0	0	0	2	0
17	0	0	0	2	0
18	1	0	3	2	0
19	2	0	3	0	0
20	2	0	2	0	0
21	2	0	2	0	3
22	2	0	2	0	2
23	2	0	2	0	2
24	1	0	2	0	2
25	1	2	0	0	2
26	2	2	0	0	2
27	2	2	0	0	2
28	2	2	0	0	2
29	2	2	0	0	2
30	2	2	0	0	2
31	2	-	0	0	-
Mean	1	1	1	1	1
Max.	2	2	3	3	3
Min.	0	0	0	0	0
A.F.	50	40	30	80	40
Water diverted	240 A.F.				
Acreage reported	D-342-55, D-344-30, A-897R-8, A-4531-50. Total 143.				

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	18	18	106	28
2	10	0	11	25	105	28
3	10	0	11	30	89	27
4	10	0	11	31	84	26
5	10	0	12	36	83	23
6	10	0	12	33	74	17
7	10	6	14	37	66	13
8	9	11	14	35	58	12
9	9	16	14	46	54	12
10	9	21	14	54	51	12
11	12	19	18	58	50	16
12	9	22	26	65	52	17
13	9	21	25	79	41	16
14	9	19	25	84	37	16
15	3	18	44	88	38	16
16	6	17	49	92	47	16
17	0	17	48	97	45	16
18	0	19	8	98	32	16
19	0	20	0	98	29	16
20	0	20	12	99	21	14
21	0	22	20	99	13	14
22	0	23	20	98	12	13
23	0	21	16	95	14	12
24	0	21	14	88	13	12
25	0	21	14	80	13	13
26	0	20	14	79	13	13
27	0	20	12	79	13	12
28	0	8	12	80	16	12
29	0	0	13	80	24	11
30	0	0	16	86	31	11
31	0	12	--	97	32	--
Mean	4	13	18	70	44	16
Max.	12	23	49	99	106	28
Min.	0	0	0	18	12	11
A.F.	280	820	1070	4290	2690	950
Water diverted				Acreage reported		
	10100 A.F.			A-38654 6868		
				A-6217 276		
				Total 7144		

DAILY DIVERSIONS OF CANALS—1956

DAILY DIVERSIONS OF CANALS—1956

HEERLINE CANAL from North Platte River  
Measured through rating flume—Sec. 24-19-9 W.

HELMONT-EMPIRE CANAL from North Platte River  
Measured through rating flume—Sec. 18-20-51 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	7	9	0	18	12	14	0
2	6	9	0	19	7	15	0
3	6	9	0	19	12	14	0
4	6	3	0	19	8	16	0
5	6	0	0	17	0	17	0
6	5	0	0	13	0	18	0
7	5	0	0	12	0	17	0
8	4	0	0	11	0	16	0
9	5	0	0	11	0	14	14
10	6	0	0	11	0	13	14
11	7	0	0	10	0	14	14
12	7	0	0	9	0	13	14
13	7	0	0	8	8	13	14
14	8	0	0	8	9	13	14
15	8	0	0	4	9	8	13
16	8	0	0	3	12	0	14
17	9	0	0	3	22	1	13
18	9	0	0	4	24	1	14
19	9	0	0	17	23	1	14
20	9	0	0	10	23	2	12
21	9	0	0	10	22	2	9
22	9	0	0	10	22	2	9
23	9	0	0	11	22	2	10
24	9	0	0	7	0	4	13
25	9	0	0	8	0	6	16
26	9	0	0	4	0	5	16
27	9	0	0	5	6	2	16
28	9	0	15	6	6	0	15
29	8	0	18	6	6	0	15
30	8	0	20	8	6	0	15
31	9	—	18	—	6	0	—
Mean	8	1	2	10	9	8	10
Max.	9	9	20	19	24	18	16
Min.	4	0	0	3	0	0	0
A.F.	460	60	140	600	530	480	610
Water diverted	2880			Acres reported D-887 2080			

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	68	0	57	165	52	94	137
2	66	0	52	160	134	158	139
3	66	0	51	165	47	152	120
4	65	0	46	156	35	142	145
5	56	0	41	170	16	132	160
6	49	0	33	172	39	147	147
7	57	0	36	182	46	180	142
8	58	0	39	152	53	153	134
9	54	0	38	132	83	134	118
10	53	0	33	105	137	144	136
11	49	0	30	105	111	152	142
12	46	0	50	105	134	137	126
13	44	0	44	100	118	160	136
14	18	0	35	152	101	122	148
15	0	0	52	172	96	103	147
16	0	0	46	91	83	120	148
17	0	0	40	25	123	126	147
18	0	0	56	26	94	153	148
19	0	0	80	29	78	168	120
20	0	0	105	32	64	155	104
21	0	0	94	39	71	132	120
22	0	0	96	42	73	139	142
23	0	0	131	107	69	132	139
24	0	0	111	140	69	132	144
25	0	50	103	117	57	136	142
26	0	46	161	139	90	137	136
27	0	53	170	101	129	152	137
28	0	52	197	63	132	140	137
29	0	52	182	62	140	131	142
30	0	57	182	58	145	117	145
31	0	—	170	—	73	126	—
Mean	24	10	83	109	87	139	138
Max.	68	57	197	172	145	180	160
Min.	0	0	30	25	16	94	104
A.F.	1490	610	5080	6470	5340	8540	8190
Water diverted	35720 A.F.						

Pathfinder storage included

DAILY DIVERSIONS OF CANALS—1956

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

Date	May	June	July	Aug.	Sept.
1	0	0	5	5	8
2	0	0	2	4	8
3	0	0	0	4	8
4	0	0	2	4	6
5	0	0	0	4	8
6	0	0	0	4	6
7	0	0	0	4	6
8	0	0	0	4	7
9	0	0	0	4	7
10	0	0	0	5	7
11	0	0	0	5	8
12	0	0	0	5	8
13	0	0	0	6	8
14	0	0	0	6	8
15	0	0	0	6	8
16	0	0	0	7	8
17	0	0	0	7	8
18	0	0	0	6	8
19	0	0	1	5	8
20	0	0	3	6	8
21	0	0	2	6	8
22	0	0	2	6	7
23	0	0	2	6	6
24	0	0	0	6	5
25	0	0	0	6	4
26	0	0	1	6	4
27	0	0	5	6	4
28	0	0	5	7	4
29	0	2	6	8	3
30	0	5	6	8	4
31	0	—	6	8	—
Mean	0	0	2	6	7
Max.	0	5	6	8	8
Min.	0	0	0	4	3
A.F.	0	10	90	350	400
Water diverted	850 A.F.				

DAILY DIVERSIONS OF CANALS—1956

BELMONT-EMPIRE CANAL

Summary in Acre-feet—1956

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River.....	1490	610	5080	6470	5340	8540	8190	35720
Cedar Creek (for D-828).....	0	0	0	10	90	350	400	850
<b>Total diversion.....</b>	<b>1490</b>	<b>610</b>	<b>5080</b>	<b>6480</b>	<b>5430</b>	<b>8890</b>	<b>8590</b>	<b>36570</b>
<b>Water diverted</b> 36570 A.F.								
						Acreage reported		
						D-828	14351	
						D-858	1549	
						<b>Total</b>	<b>15900</b>	

DAILY DIVERSIONS OF CANALS—1956

BEHMOND SPILL into Pumpkinseed Creek  
For D-828 lands via Meredith-Ammer Canal  
Measured through weir—Sec. 23-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	24	0	2	0	1	3
2	23	0	2	1	1	3
3	23	4	2	1	1	2
4	22	4	2	0	1	2
5	21	2	2	7	2	2
6	20	1	2	6	1	3
7	19	0	8	0	2	2
8	19	0	9	0	2	2
9	18	0	8	0	2	2
10	18	0	6	0	2	2
11	16	0	4	0	2	2
12	7	0	4	0	2	2
13	3	0	3	0	2	7
14	0	0	1	0	2	14
15	0	0	0	0	2	14
16	0	0	28	0	1	14
17	0	0	33	0	1	14
18	0	0	30	1	3	14
19	0	0	27	0	4	11
20	0	0	27	0	6	11
21	0	0	24	0	6	10
22	0	0	8	1	6	3
23	0	0	0	1	6	0
24	0	0	0	2	6	0
25	0	0	0	2	3	0
26	0	0	0	2	2	0
27	0	0	0	1	2	0
28	0	1	0	1	2	0
29	0	1	0	1	3	0
30	0	2	0	1	3	0
31	0	2	-	1	3	-
Mean	8	1	8	1	3	5
Max.	24	4	33	7	6	14
Min.	0	0	0	0	1	0
A.F.	460	30	460	60	160	280

Water transferred 1450 A.F.

DAILY DIVERSIONS OF CANALS—1956

BEHNETT CANAL from Lodgepole Creek  
Measured through rating flume—Sec. 22-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	3	3
2	0	0	0	3	3
3	0	0	0	3	2
4	0	3	0	2	1
5	0	3	0	2	1
6	0	3	0	2	1
7	0	3	0	2	1
8	4	4	0	2	0
9	4	4	0	2	0
10	4	4	0	2	0
11	3	4	0	2	0
12	3	4	0	2	2
13	3	3	0	1	1
14	3	3	0	2	1
15	0	3	0	2	1
16	0	3	2	2	1
17	0	3	3	2	2
18	0	3	2	2	2
19	0	3	2	2	1
20	0	5	2	2	1
21	0	2	2	2	1
22	0	2	2	2	1
23	0	2	2	2	1
24	0	2	2	1	1
25	0	6	2	1	1
26	0	5	2	1	1
27	0	5	2	4	1
28	0	4	2	3	0
29	0	1	2	2	0
30	0	1	2	2	0
31	0	-	2	1	-
Mean	1	3	1	2	1
Max.	4	6	3	4	3
Min.	0	0	0	1	0
A.F.	50	170	70	120	60

Water diverted 470 A.F.

Acreage reported  
A-691 86  
A-10755 Storage 418  
Total 504

DAILY DIVERSIONS OF CANALS--1956  
 BENNETT-KAY CANAL from Niobrara River  
 Measured through rating flume--Sec. 1-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	2.3	1.4	0	0
2	0	2.2	1.4	0	0
3	0	2.2	1.5	0	0
4	0	2.4	1.7	0	0
5	0	2.4	1.8	0	0
6	0	2.4	1.6	0	0
7	0	2.3	1.5	0	0
8	0	2.2	1.4	0	0
9	0	2.1	1.5	0	0
10	0	2.2	1.6	0	0
11	0	2.2	1.6	0	0
12	0	2.0	1.6	0	0
13	0	1.9	1.8	0	0
14	0	1.8	2.0	0	0
15	0	1.7	2.2	0	0
16	0	1.9	2.1	0	0
17	0	2.1	2.4	0	0
18	0	2.0	2.9	0	0
19	0	1.8	2.0	0	0
20	0	1.6	1.0	0	0.1
21	0	1.5	0.9	0	0
22	0	1.5	1.3	0	0
23	0	1.6	0.6	0	0
24	0.7	1.8	0.4	0	0
25	1.9	1.7	0	0	0
26	2.0	1.7	0	0	0.3
27	2.3	1.7	0	0	0.7
28	2.3	1.7	0	0	0.8
29	2.3	1.5	0	0	0.8
30	2.4	1.5	0	0	0.9
31	2.4	---	0	0	---
Mean	0.5	1.9	1.2	0	0.1
Max.	2.4	2.4	2.9	0	0.9
Min.	0	1.5	0	0	0
A.F.	32.0	115.0	76.0	0	7.0

Water diverted 230 A.F.  
 Acreage reported A1249-238.

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	2
2	0	0	0	0	2
3	0	0	0	0	2
4	0	0	0	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	1	0	0
18	0	0	1	2	0
19	0	0	1	2	0
20	0	0	1	2	0
21	0	0	1	1	0
22	0	0	1	1	0
23	0	0	1	1	0
24	0	0	1	2	0
25	0	0	0	2	0
26	0	0	0	2	0
27	0	0	0	2	0
28	0	0	0	2	0
29	0	0	0	3	0
30	0	0	0	3	0
31	0	0	0	3	0
Mean	0	0	0	1	0
Max.	0	0	1	3	2
Min.	0	0	0	0	0
A.F.	0	0	20	60	10

Water diverted 90 A.F.  
 Acreage reported D-347 22  
 A-719 21  
 Total 43

DAILY DIVERSIONS OF CANALS--1956

BICKLOW-SEYMOUR CANAL from Niobrara River  
 Measured through rating flume--Sec. 19-31-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0.5	0	0
2	0	0	0.4	0	0
3	0	0	0.3	0	0
4	0	0	0.3	0	0
5	0	0	0.6	0	0
6	0	0	0.6	0	0
7	0	0	0.2	0	0
8	0	0	0	0	0
9	0	0	0.3	0	0
10	0	0	1.6	0	0
11	0	0	1.8	0	1.0
12	0	0	.7	0	2.0
13	0	0	0.1	0	2.6
14	0	0	0	0	2.0
15	0	0	0	0	1.0
16	0	0	0	0	0.9
17	0	0	0	0	1.1
18	0	0	0	0	1.4
19	0	0	0	0	1.7
20	0	0	0	0	1.7
21	0	0	0	0	1.8
22	0	0	0	0	2.0
23	0	0	0	0	2.0
24	0	0	0	0	2.2
25	0	0	0	0	2.2
26	0	0	0	0	2.2
27	0	0	0	0	2.2
28	0	1.6	0	0	2.2
29	0	1.5	0	0	2.3
30	0	0.2	0	0	2.3
31	0	---	0	0	---
Mean	0	0.1	.2	0	1.2
Max.	0	1.6	1.8	0	2.6
Min.	0	0	0	0	0
A.F.	0	7.0	15.0	0	73.0

Water diverted 100 Acreage reported D-510 81

DAILY DIVERSIONS OF CANALS--1956

BIRDWOOD CANAL from Birdwood Creek  
 Measured through Farshall flume--Sec. 35-15-33 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	25	8	0	37	24	36	34
2	30	10	0	40	26	23	35
3	34	8	0	41	35	13	35
4	0	8	0	43	30	10	35
5	0	7	0	33	28	20	35
6	0	6	0	28	28	26	35
7	0	5	0	22	25	25	35
8	16	5	0	26	25	26	35
9	24	5	0	30	24	30	35
10	25	6	0	25	23	37	35
11	23	6	0	25	22	28	36
12	13	7	0	26	24	26	37
13	13	7	0	30	25	26	40
14	13	6	0	32	25	28	40
15	14	2	0	32	27	32	41
16	13	0	8	23	26	35	42
17	13	0	18	10	25	36	42
18	14	0	26	8	28	38	43
19	14	0	26	7	27	32	43
20	14	0	25	16	27	25	44
21	14	0	26	18	26	21	44
22	14	0	32	16	27	18	45
23	15	0	36	16	32	18	36
24	7	0	36	14	32	20	24
25	4	0	37	15	33	24	25
26	9	0	38	15	32	30	30
27	9	0	19	15	32	32	35
28	9	0	31	13	32	34	36
29	9	0	29	11	34	34	37
30	8	0	31	17	35	35	38
31	8	0	34	---	37	34	---
Mean	13	3	15	23	28	27	37
Max.	34	10	38	43	37	38	45
Min.	0	0	0	7	22	10	24
A.F.	800	190	900	1360	1740	1690	2200

Water diverted 8880 A.F. Acreage Reported D-646 5287

DAILY DIVERSIONS OF CANALS--1956

BLUE CREEK CANAL from Blue  
Creek and Crescent Lake--Measured  
Through rating flume--Sec. 33-17-42 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	35	0	18	17	37	34	28
2	35	0	17	11	8	33	27
3	34	0	16	10	0	30	27
4	27	0	14	11	0	28	27
5	25	0	14	14	0	34	31
6	32	0	12	14	0	36	32
7	48	0	16	14	0	36	32
8	49	0	15	12	0	40	32
9	45	0	17	15	13	39	31
10	42	0	20	16	18	36	27
11	36	0	16	14	18	36	32
12	16	0	7	15	28	33	36
13	20	0	5	16	35	31	36
14	26	0	0	24	33	35	37
15	34	0	0	33	33	37	34
16	31	0	0	37	32	40	31
17	24	0	0	38	33	49	29
18	20	0	3	29	43	49	32
19	20	0	23	28	46	50	34
20	20	0	25	20	37	37	32
21	20	0	26	30	35	31	29
22	21	0	33	26	34	21	27
23	23	0	30	23	31	23	26
24	17	0	29	21	36	36	31
25	16	6	26	23	35	42	34
26	15	16	26	24	34	29	34
27	16	14	25	25	33	25	34
28	13	17	16	28	34	24	34
29	11	21	10	30	32	30	35
30	6	21	12	38	31	28	35
31	0	--	15	--	34	28	--
Mean	25	3	16	22	25	34	32
Max.	49	21	33	38	46	49	37
Min.	0	0	0	10	0	21	26
A. F.	1540	190	960	1300	1350	2100	1880
Water diverted 9520 A. F.						Acres reported	
						D-785	2549
						D-795	339
						A-1154	30
						Total	2918

BOELUS POWER CANAL from Middle Loup River  
Measured through power wheels--Sec. 27-13-12 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	548	0	334	242	233	521	572	544	534	356	393
2	0	559	34	325	228	237	535	393	460	521	360	389
3	0	428	104	325	214	256	444	572	504	524	409	349
4	0	558	123	330	214	130	337	575	480	524	497	345
5	0	555	261	330	205	0	553	565	494	443	445	272
6	0	545	302	316	228	0	564	562	352	328	416	501
7	0	434	284	324	269	0	575	562	548	541	348	504
8	0	224	250	315	256	0	317	338	545	528	372	492
9	0	555	284	297	256	0	557	568	531	504	191	470
10	0	552	365	288	131	0	568	548	507	490	354	470
11	0	552	349	306	0	0	559	565	494	467	494	459
12	0	552	327	315	0	0	559	565	473	441	466	456
13	0	272	329	302	0	0	183	565	259	430	456	466
14	0	0	333	297	0	0	541	585	390	382	438	297
15	0	0	363	292	0	0	575	548	405	323	401	466
16	0	0	363	311	0	0	578	393	412	138	354	163
17	0	0	355	260	0	75	571	534	515	296	225	466
18	0	0	320	192	0	0	564	516	555	296	487	463
19	0	0	302	197	0	197	370	513	202	313	473	459
20	0	0	292	193	0	372	444	530	557	278	497	456
21	0	0	288	116	85	532	544	356	523	257	504	459
22	0	214	306	302	150	255	551	520	573	270	511	473
23	0	0	324	315	159	528	558	555	555	118	501	480
24	0	0	350	392	161	521	565	523	541	292	480	487
25	207	0	350	288	171	521	558	516	562	246	456	276
26	294	436	356	283	171	535	372	506	558	244	430	487
27	237	0	343	274	196	553	548	499	365	234	408	480
28	555	0	348	274	196	374	568	298	530	192	393	477
29	545	0	339	251	205	362	565	493	234	100	14	487
30	548	0	321	269	---	546	572	0	555	236	0	501
31	555	---	325	288	---	528	---	312	---	262	86	---
Mean	95	226	290	287	129	218	514	489	474	347	381	441
Max.	555	559	365	334	269	553	578	585	573	541	511	504
Min.	0	0	0	192	0	0	183	0	202	100	0	272
A. F.	5840	13460	17830	17650	7410	13400	30590	30040	28210	21330	23450	26270
Total A. F.		235500										

DAILY DIVERSIONS OF CANALS--1956

BRADY CANAL from Lodgepole Creek  
Measured through section of canal  
Sec. 28-15-54 W.

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	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	0	0
Max.	1	0	0	0	0
Min.	0	0	0	0	0
A. F.	10	0	0	0	0
Water diverted	10 A.F.				
Acreage reported				D-352	50

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	20	0	56	68	67	60
2	28	0	64	41	56	60
3	32	0	61	48	58	66
4	32	0	62	15	57	63
5	31	0	55	0	60	62
6	30	0	63	0	63	54
7	29	0	53	0	63	43
8	28	25	54	0	61	37
9	28	25	51	9	64	39
10	29	27	47	14	67	47
11	27	25	47	17	66	47
12	19	22	47	17	68	46
13	19	6	30	20	76	42
14	14	0	49	43	79	38
15	0	0	60	45	70	41
16	0	0	59	49	65	44
17	0	11	54	54	64	53
18	0	14	58	61	55	50
19	0	14	36	77	56	60
20	0	6	44	72	50	62
21	0	14	42	67	54	57
22	0	41	18	65	47	30
23	0	54	22	64	37	24
24	0	54	12	62	33	54
25	0	54	22	55	29	52
26	0	58	38	66	29	48
27	0	57	47	75	35	56
28	0	58	58	64	53	59
29	0	60	62	62	52	61
30	0	58	55	62	49	62
31	0	57	--	72	52	--
Mean	12	24	48	44	56	51
Max.	32	60	65	77	79	69
Min.	0	0	12	0	29	24
A. F.	730	1470	2870	2700	3440	3050
Water diverted						
14260 A.F.						
Acreage reported					D-257-1033	6091
Pathfinder storage available						

DAILY DIVERSIONS OF CANALS--1956

CAMBRIDGE CANAL from Republican River  
Measured through 15' Parshall Flume--Sec. 27-4-25 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	33	0	77	51	276	160
2	33	0	73	56	248	145
3	32	0	74	59	206	145
4	27	0	65	59	204	130
5	19	0	51	58	192	115
6	16	0	44	57	192	105
7	17	0	42	63	181	87
8	18	0	43	64	144	73
9	18	0	56	88	143	71
10	18	34	60	109	133	60
11	18	51	72	129	133	62
12	18	44	104	143	117	56
13	17	40	113	160	106	50
14	17	37	136	171	113	49
15	5	57	208	176	120	48
16	0	67	241	214	124	49
17	0	68	190	264	113	48
18	0	67	151	290	101	42
19	0	62	163	271	102	40
20	0	60	68	261	97	43
21	0	55	67	263	75	45
22	0	70	62	268	62	45
23	0	73	55	266	69	45
24	0	67	53	268	85	45
25	0	64	51	249	91	45
26	0	67	50	268	98	44
27	0	67	50	263	112	51
28	0	71	51	280	136	52
29	0	73	49	290	152	52
30	0	75	49	290	161	48
31	0	81	--	284	160	--
Mean	10	44	85	186	137	68
Max.	33	81	241	290	276	160
Min.	0	0	42	51	62	40
A. F.	610	2680	3070	11410	8420	4070
Water diverted	32260 A.F.					
Acreage reported					A-3869e	15947
					A-6218	472
Total						16426

DAILY DIVERSIONS OF CANALS--1956

CATTLE ROCK-STEAMBOAT CANAL from North Platte River  
Measured through Rating Flume--Sec. 14-21-54 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	25	0	59	62	82	85	84
2	3	0	59	63	67	86	83
3	0	0	60	65	3	84	81
4	0	0	59	68	3	83	79
5	0	0	57	61	0	85	80
6	0	0	54	66	0	84	76
7	0	0	50	69	33	86	74
8	0	0	52	66	66	88	74
9	0	0	54	71	68	85	74
10	0	0	56	77	70	87	74
11	0	0	55	76	70	87	72
12	0	0	52	81	72	87	72
13	0	0	58	84	75	88	71
14	0	0	54	85	78	89	70
15	0	0	50	84	81	89	70
16	0	0	49	75	80	91	71
17	0	0	54	75	80	89	72
18	0	0	60	59	80	89	70
19	0	0	66	69	80	88	69
20	0	0	66	70	80	87	67
21	0	0	63	71	79	85	69
22	0	0	65	71	79	86	69
23	0	0	68	68	78	86	65
24	0	0	65	69	79	86	65
25	0	0	68	78	80	86	64
26	0	0	72	67	80	86	68
27	0	28	74	82	30	85	68
28	0	60	76	75	82	85	69
29	0	60	72	72	83	85	70
30	0	57	76	71	84	84	70
31	0	--	69	--	84	84	--
Mean	1	7	61	72	66	86	72
Max.	25	60	76	85	84	91	84
Min.	0	0	49	59	0	83	64
A. F.	60	410	3750	4260	4080	5320	4250
Water diverted							
22160 A.F.							
Acreage reported						D-921	6017
						A-146R	471
Total							6488

DAILY DIVERSIONS OF CANALS--1956

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	23	16	29	15
2	0	0	23	8	29	12
3	0	0	22	0	27	5
4	0	0	20	0	28	0
5	0	0	22	0	28	0
6	0	0	19	0	29	0
7	0	0	0	0	29	0
8	0	0	5	0	30	0
9	0	0	14	0	30	9
10	0	0	15	0	31	14
11	0	0	19	4	31	15
12	0	0	22	4	32	13
13	0	0	24	3	30	15
14	0	0	25	2	29	15
15	0	0	25	2	28	15
16	0	0	24	1	27	15
17	0	0	24	3	27	13
18	0	0	25	27	26	14
19	5	0	22	28	28	14
20	8	0	21	27	27	12
21	8	5	20	27	28	12
22	3	6	17	28	23	10
23	0	6	15	30	25	11
24	0	8	13	29	25	13
25	0	9	13	29	26	13
26	0	8	19	28	26	13
27	0	3	21	28	25	13
28	0	14	21	28	23	13
29	0	13	21	29	24	14
30	0	16	21	30	25	14
31	-	21	-	30	24	-
Mean	1	4	19	14	27	11
Max.	8	21	25	30	32	15
Min.	0	0	0	0	23	0
A.F.	50	220	1140	870	1680	640
Water diverted	4600 A.F.		Acreage reported D-926 2077			
Pathfinder storage available						

DAILY DIVERSIONS OF CANALS--1956

CHIMNEY ROCK CANAL from North Platte River Measured through Rating Flume--Sec. 1-20-53 W.

Date	May	June	July	Aug.	Sept.
1	28	46	45	54	55
2	35	45	44	58	49
3	31	50	21	60	46
4	26	50	0	61	44
5	26	49	0	61	43
6	23	46	0	61	46
7	25	46	0	62	43
8	25	45	0	62	40
9	23	40	0	63	40
10	22	37	12	62	40
11	22	40	22	57	43
12	22	44	16	55	42
13	24	46	29	52	42
14	23	42	21	47	43
15	24	46	32	50	44
16	26	34	43	54	42
17	26	33	46	58	46
18	28	33	48	61	48
19	31	37	48	56	48
20	30	35	43	55	49
21	34	34	46	56	52
22	44	32	50	52	51
23	53	33	46	51	48
24	58	33	49	53	46
25	57	40	48	53	49
26	62	40	49	53	48
27	57	46	49	56	48
28	63	53	50	53	53
29	50	55	49	50	55
30	45	53	48	50	52
31	46	-	52	56	-
Mean	35	42	38	56	46
Max.	63	55	52	63	55
Min.	22	32	0	47	40
A. F.	2160	2500	1990	3440	2750
Water diverted	12840 A.F.		Acreage reported D-344 & D-1031 5141		

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	2	0	3	0	3
2	2	0	3	0	3
3	1	0	0	0	3
4	2	7	0	0	3
5	1	7	0	0	3
6	1	6	0	0	3
7	1	7	0	0	2
8	1	6	0	0	2
9	2	4	0	0	2
10	2	4	0	0	2
11	1	4	0	0	2
12	2	3	0	0	2
13	2	2	0	0	2
14	2	2	0	0	2
15	2	2	0	0	2
16	2	2	0	0	2
17	2	2	0	0	2
18	2	2	0	0	2
19	2	2	0	0	3
20	2	2	0	3	3
21	2	2	0	4	3
22	4	2	0	3	2
23	4	2	0	2	1
24	4	2	0	2	2
25	3	4	0	2	2
26	2	4	0	2	2
27	3	3	0	2	2
28	4	3	0	3	3
29	0	3	0	4	3
30	0	3	0	3	3
31	0	-	0	3	-
Mean	2	3	0	1	2
Max.	4	7	3	4	3
Min.	0	0	0	0	1
A.F.	120	180	10	70	140
Water diverted	520 A.F.		Acreage reported D-346 220		

DAILY DIVERSIONS OF CANALS--1956

GODY-DILLON CANAL from North Platte River Measured over weir in Sec. 10-41-31 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	1	1	0	17	21	33	8
2	1	2	0	16	19	34	40
3	1	2	0	28	30	25	40
4	1	2	0	30	36	35	37
5	1	1	0	39	32	10	40
6	0	1	0	50	32	10	44
7	1	1	2	29	28	10	26
8	1	0	2	14	29	9	21
9	0	0	1	15	30	29	24
10	2	0	1	6	29	40	26
11	5	2	0	4	31	40	22
12	6	6	2	19	40	24	21
13	6	4	2	11	37	20	20
14	5	0	2	1	36	17	25
15	5	0	1	16	52	14	24
16	4	0	2	31	45	22	24
17	4	0	0	1	41	37	26
18	4	0	1	0	27	36	24
19	4	0	0	0	28	37	26
20	4	0	0	0	28	25	23
21	4	0	6	0	27	22	22
22	7	0	36	1	25	12	14
23	7	0	39	3	23	6	18
24	4	0	28	1	21	10	36
25	4	0	31	4	19	12	33
26	3	0	38	7	19	11	30
27	2	0	33	12	17	10	33
28	2	0	30	22	27	10	32
29	2	0	19	21	33	2	29
30	1	0	36	21	33	2	24
31	1	-	44	-	32	1	-
Mean	3	1	12	14	30	20	27
Max.	8	6	53	50	52	40	44
Min.	0	0	0	0	19	1	0
A.F.	190	40	750	830	1840	1200	1630
Water diverted	6480 A.F.		Acreage Reported D-649 4759				

DAILY DIVERSIONS OF CANALS--1956

COLUMBUS POWER CANAL from Loup River  
Measured through section of canal--Sec. 6-16-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1770	1850	121	1860	1790	2200	1850	2420	2510	2320	441	621
2	1750	1850	298	1890	1720	2200	1840	2380	2230	1720	501	610
3	1640	1980	64	1880	1660	2210	2510	2110	1840	1500	747	651
4	1640	1970	24	1910	1580	2100	2920	2280	1680	1480	687	667
5	1680	1960	303	1760	1520	1970	2510	2310	1750	2390	960	761
6	1840	1950	806	2020	1480	2030	2600	2350	1780	3150	1120	870
7	1980	1970	991	2120	1560	808	2870	2180	1870	2620	933	1030
8	2120	1990	1010	2120	1620	770	2700	2040	2330	1760	855	1140
9	1960	1960	1120	2120	1660	1420	2320	2040	2080	1340	774	1160
10	1660	1830	1250	2050	1770	1450	2260	1880	1870	1160	921	1240
11	1580	1820	1250	1870	1840	64	2120	2020	1660	1080	961	1270
12	1560	1940	1340	1830	1850	335	1990	1820	1460	1440	881	1260
13	1640	1910	1480	1840	1990	543	2070	1970	1320	1020	1180	1230
14	1790	122	1620	1840	2000	1440	2060	1970	1230	865	1070	1180
15	1780	62	1620	1880	1940	828	2110	1860	1110	772	972	1260
16	1720	193	1660	1830	1920	1700	2260	1790	1050	670	866	1210
17	1660	250	1600	1540	1940	1890	2210	1640	1110	586	1540	1240
18	1720	215	1560	1340	1850	1850	2010	1560	1340	554	2080	1260
19	1720	394	1580	1090	1750	1690	1880	1600	2730	636	1790	1220
20	1660	684	1440	1080	1690	1800	1820	1500	3100	652	1280	1220
21	1680	834	1380	1220	1640	2050	1790	1440	2440	586	1350	1220
22	1780	840	1440	1270	1750	2410	1880	1480	2080	538	1280	1190
23	1850	379	1540	1460	1840	2220	1980	1520	1940	546	1320	1210
24	1990	265	1580	1620	1990	2300	2310	1480	2350	553	1300	1260
25	1990	63	1560	1620	2050	2180	2190	1520	2090	523	1160	1270
26	1880	933	1620	1660	2120	2040	2030	1950	511	1040	1280	1280
27	1790	422	1750	1720	2190	2090	1910	1460	2120	439	315	1290
28	1800	14	1840	1740	2180	2360	2100	1420	2020	396	738	1240
29	1990	10	1880	1740	2220	2490	2750	1750	386	687	1230	1230
30	2000	10	1940	1740	---	2230	2580	2850	2420	386	699	1260
31	1830	---	1970	1810	---	2030	---	3020	---	396	667	---
Mean	1789	1023	1279	1735	1831	1732	2216	1918	1907	1062	1026	1118
Max.	2120	1990	1970	2120	2220	2490	2920	3020	3100	3150	2080	1290
Min.	1560	10	24	1080	1480	64	1790	1360	1050	386	441	610
A.F.	110000	60870	78620	106700	105300	106500	131800	117900	113500	65310	63100	66550

Water diverted 1126000 A.F.

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0.5	0.9	1.3	1.7	2.8
2	1.4	0.9	1.7	1.8	2.8
3	1.3	0.7	1.4	1.7	1.6
4	1.3	1.0	1.3	1.6	1.5
5	1.4	1.2	1.3	1.7	2.7
6	1.3	1.3	1.3	1.8	4.2
7	1.2	1.3	1.2	1.7	2.0
8	1.2	1.4	1.2	1.7	1.5
9	1.2	1.4	1.2	1.8	3.3
10	1.3	1.4	1.1	1.8	3.5
11	1.2	1.3	1.0	1.5	1.6
12	1.2	1.0	1.0	1.5	2.6
13	1.2	0.8	1.0	1.5	2.9
14	1.2	1.1	1.1	1.2	2.5
15	1.1	1.3	1.1	2.3	2.6
16	0.8	1.3	1.2	2.2	2.0
17	0.6	0.7	1.5	2.2	1.7
18	3.1	1.3	2.4	2.3	2.6
19	2.2	1.2	2.1	2.2	2.3
20	3.1	1.3	1.5	2.3	3.1
21	2.6	1.4	1.6	2.6	1.1
22	2.1	1.4	1.8	2.2	1.2
23	2.2	1.4	1.8	2.3	1.5
24	1.8	1.3	1.8	2.3	1.4
25	1.8	1.2	1.9	2.3	1.3
26	1.5	1.3	1.8	2.3	1.2
27	1.8	1.2	1.8	0.7	1.2
28	1.5	1.5	1.8	0.0	1.1
29	1.2	1.0	1.8	0.0	1.1
30	1.2	1.0	1.3	0.3	1.0
31	1.0	---	1.8	2.9	---
Mean	1.5	1.2	1.5	1.8	2.1
Max.	3.1	1.5	2.4	2.9	4.2
Min.	0.5	0.7	1.0	0.0	1.0
A.F.	90.0	70.0	90.0	110.0	120.0

Water diverted 480 A.F.  
Acreage reported D-980-24.

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	20	14	15	13
2	8	0	19	19	16	13
3	7	0	18	21	5	13
4	8	0	18	16	13	13
5	7	0	17	16	13	13
6	4	0	16	16	12	13
7	2	0	16	17	13	14
8	2	6	16	17	13	14
9	2	15	16	16	13	14
10	1	15	15	16	14	13
11	0	16	15	16	14	6
12	0	18	14	16	14	6
13	0	18	13	16	14	12
14	0	18	13	15	14	7
15	0	18	12	15	14	5
16	0	18	13	14	14	4
17	0	18	13	14	14	2
18	0	16	12	14	14	5
19	0	17	11	13	14	13
20	0	16	11	11	14	13
21	0	12	7	9	14	13
22	0	11	9	11	14	11
23	0	10	11	14	14	8
24	0	13	12	11	14	6
25	0	13	13	11	14	7
26	0	14	14	13	14	12
27	0	14	10	13	14	12
28	0	14	12	13	14	13
29	0	13	13	14	13	12
30	0	20	13	14	13	11
31	0	14	---	15	13	---
Mean	2	12	14	15	13	10
Max.	12	20	20	21	16	14
Min.	0	0	7	9	5	2
A.F.	100	710	820	890	830	620

Water diverted 3970 A.F.

Acreage reported D-840, 1028 1444



**DAILY DIVERSIONS OF CANALS--1956**  
**COURTLAND CANAL from Republican river**  
 Measured through orifices--Sec. 18-1-y d.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	35	74	47	208	93
2	0	33	74	51	217	96
3	0	47	72	55	118	94
4	0	52	72	53	212	32
5	0	52	75	56	209	74
6	0	52	76	47	209	64
7	0	52	78	42	198	56
8	0	52	75	42	198	56
9	0	52	72	47	183	56
10	0	54	72	51	148	56
11	0	55	74	49	113	56
12	0	53	74	49	100	60
13	0	50	74	51	100	62
14	0	52	76	51	100	61
15	0	55	79	49	100	55
16	0	56	76	24	98	53
17	0	58	79	52	98	53
18	0	60	80	75	103	53
19	0	58	76	96	109	48
20	0	60	74	99	114	40
21	0	65	66	118	123	41
22	0	66	56	144	132	41
23	0	68	56	152	137	40
24	0	84	58	155	137	40
25	0	82	56	176	137	40
26	0	84	56	190	137	40
27	16	79	58	195	136	39
28	25	72	58	201	136	34
29	25	74	58	203	134	34
30	25	74	58	203	123	34
31	--	75	--	208	105	--
Mean	3	60	69	98	144	54
Max.	25	84	80	208	218	93
Min.	0	25	56	24	98	34
A.F.	180	3660	4130	6010	8870	3240

Water diverted 26090 A.F.  
 Acreage reported Nebr. A-4222-1947, A-6224-118  
 Kansas 2385. Total 4450  
 Supplemental storage available

**DAILY DIVERSIONS OF CANALS--1956**

**COZAD CANAL from Platte River**  
 Measured through section of canal  
 Sec. 13-11-25 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1			49	0	76	182	17
2	14	0	47	0	87	182	0
3	16	0	45	0	151	180	0
4	17	0	46	0	144	182	0
5	18	0	46	0	187	178	0
6	17	0	47	10	199	162	0
7	18	0	48	34	204	177	0
8	17	0	49	35	208	175	0
9	17	0	47	43	201	194	0
10	18	0	48	44	215	217	0
11	11	0	41	76	224	209	0
12	0	0	47	123	227	190	0
13	0	0	49	120	226	178	0
14	0	0	50	53	226	177	0
15	0	0	50	4	215	178	0
16	0	0	50	4	180	178	0
17	0	0	51	12	180	178	0
18	0	60	54	6	128	177	0
19	0	75	52	5	137	177	0
20	0	48	53	4	141	141	0
21	0	48	56	14	135	87	0
22	0	48	58	97	149	91	0
23	0	35	59	109	173	80	0
24	0	34	59	35	175	84	0
25	0	44	58	46	173	79	0
26	0	48	56	76	175	80	0
27	0	44	47	84	173	76	0
28	0	49	45	74	173	64	0
29	0	48	38	74	175	57	0
30	0	49	0	74	182	51	0
31	0	--	0	--	178	53	--
Mean	6	21	47	42	175	142	1
Max.	18	75	59	123	227	217	17
Min.	0	0	0	0	76	51	0
A.F.	360	1250	2870	2490	10740	8760	30

Water diverted 26500 A.F.  
 Sutherland storage included

Acreage reported  
 D-626 25220

**DAILY DIVERSIONS OF CANALS--1956**

**CULBERTSON CANAL from Frenchman River**  
 Measured through rating flume--Sec. 31-5-33 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	108	101	108	120	114
2	0	0	103	102	108	120	114
3	71	0	103	101	104	123	116
4	109	0	103	103	103	126	116
5	111	0	102	102	108	125	117
6	105	0	102	102	110	123	115
7	102	0	103	107	113	121	115
8	100	0	100	110	114	118	117
9	99	0	101	121	113	117	118
10	97	0	102	108	111	123	116
11	96	0	104	108	112	124	115
12	96	0	102	108	111	123	110
13	97	0	103	108	110	122	105
14	95	0	103	106	112	118	101
15	96	0	99	101	112	110	101
16	98	29	97	102	115	105	107
17	96	57	94	152	112	123	111
18	93	68	92	158	114	117	110
19	93	82	94	83	115	117	110
20	88	84	97	52	114	116	107
21	90	86	96	88	117	118	104
22	92	87	96	103	116	124	104
23	89	95	94	101	116	119	108
24	22	98	94	101	107	118	111
25	0	101	94	101	106	118	112
26	0	102	96	101	108	116	111
27	0	100	98	108	113	118	106
28	0	100	100	97	114	118	103
29	0	100	99	106	115	117	106
30	0	100	99	107	115	111	106
31	0	--	97	--	118	111	--
Mean	66	43	99	105	112	119	110
Max.	111	102	108	158	118	126	118
Min.	0	0	92	52	103	105	101
A.F.	4040	2550	6100	6240	6870	7300	6560

Water diverted 39660 A.F.

Acreage reported  
 D-24,25,29,30 93

**DAILY DIVERSIONS OF CANALS—1956**  
**DAWSON COUNTY CANAL from Platte River and Sutherland Reservoir**  
 Measured through section of canal—Sec. 7-10-23 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	
1	66	29	0	86	130	298	308	196	
2	70	0	0	87	119	257	394	203	
3	101	0	0	136	115	231	414	180	
4	116	0	0	140	114	300	362	150	
5	113	0	0	143	114	375	390	192	
6	107	0	0	140	113	306	352	184	
7	110	0	0	127	100	275	332	196	
8	100	0	0	118	63	273	281	163	
9	100	0	0	108	89	322	270	143	
10	100	0	0	127	112	268	316	143	
11	99	0	0	158	93	320	268	140	
12	97	0	0	146	93	352	226	138	
13	96	0	0	155	78	330	225	140	
14	96	0	0	154	137	356	231	137	
15	88	0	0	163	182	375	221	133	
16	87	0	0	148	187	401	228	141	
17	84	0	0	154	194	423	279	149	
18	84	0	0	166	174	425	270	154	
19	87	0	0	134	184	412	279	138	
20	80	0	0	119	179	394	300	128	
21	74	0	0	127	102	405	230	124	
22	70	0	0	154	40	425	235	134	
23	74	0	0	171	40	383	218	127	
24	70	0	0	158	134	377	163	124	
25	75	0	0	141	94	338	129	137	
26	57	0	0	95	94	279	124	132	
27	50	0	0	94	150	260	149	121	
28	49	0	0	95	257	259	192	137 Acreage reported	
29	46	0	0	119	287	243	191	152 D-621 520	
30	45	0	68	166	308	235	208	154 D-622 65730	
31	45	-	-	172	-	270	203	- D-624 5640	
Mean	82	1	2	136	136	331	258	150 A-2039 5128	
Max.	116	29	68	172	308	425	414	203 A-2093 213	
Min.	45	0	0	86	40	231	124	121 A-2110 18146	
A.F.	5030	60	130	8330	8080	20360	15840	8910 A-2145 985 A-2262 890	
								<b>Total</b>	<b>97252</b>

Water diverted  
66740 A.F.

Sutherland Storage Included

**DAILY DIVERSIONS OF CANALS—1956**

**DAVISON PUMP from Niobrara River**  
 Measured through 100 g.p.m. pump—Sec. 12-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	.1	.1	0	.1
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	.1
9	0	0	.1	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	.1	0	0	0
13	0	0	0	0	.1
14	0	0	0	0	0
15	0	0	.1	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	.1
21	0	0	0	0	0
22	0	0	.1	0	0
23	0	.1	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	.1	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	0	0.1	0.1	0	0.3
Min.	0	0	0	0	0
A.F.	0	0.6	1.0	0	0.8
Water diverted	2	Acreage reported A-1662			15

**DAILY DIVERSIONS OF CANALS—1956**  
**EARNST CANAL NO. 1 (South) from Niobrara River**  
 Measured through rating flume—Sec. 9-29-56 W.

Date	May	June	July	Aug.	Sept.
1	0	2.0	1.9	2.8	1.0
2	0	2.0	4.0	2.8	0
3	0	2.3	4.6	2.5	0
4	0	2.3	4.8	2.5	0
5	0	2.4	4.9	2.6	0
6	0	2.4	4.7	2.5	0
7	0	2.3	4.3	2.4	0
8	0	2.5	3.8	2.5	0
9	0	2.3	3.8	2.6	0
10	0	2.4	4.0	2.6	0
11	0	2.4	3.8	2.6	0
12	0	2.4	3.4	2.8	0
13	0	2.0	3.6	2.9	0
14	0	2.1	3.5	2.9	0
15	0	2.0	3.5	2.9	0
16	0	2.6	3.4	2.9	0
17	0	2.4	3.6	2.6	0
18	0	2.5	3.6	2.8	0
19	0	1.8	3.6	3.2	0
20	0	2.0	3.2	3.3	0
21	0	2.2	3.0	3.0	0
22	0	2.2	3.1	2.6	0
23	0	2.4	2.9	1.9	0
24	0	3.3	2.7	2.0	0
25	0	3.3	2.8	2.6	0
26	0	3.5	1.6	3.0	0
27	0	3.7	0.5	2.6	0
28	1.0	2.0	0.4	2.5	0
29	1.8	1.0	0.3	2.5	0
30	1.8	0.6	0.8	2.5	0
31	2.0	-	2.8	2.4	-
Mean	0.2	2.3	3.1	2.7	0
Max.	2.0	3.7	4.9	3.3	1.0
Min.	0	0.6	0.3	1.9	0
A.F.	13.0	137.0	192.0	163.0	2.0
Water diverted	510 A.F.				
Acreage reported	D-511a-190.				

DAILY DIVERSIONS OF CANALS--1956  
 EARNEST CANAL NO. 2 (North) from Niobrara River  
 Measured through rating flume--Sec. 9-29-56 W.

Date	Yay	June	July	Aug.	Sept.
1	0	4.5	4.5	0	4.4
2	0	4.2	2.2	0	7.0
3	0	4.0	0	0	7.0
4	0	4.1	0	0	4.8
5	0	3.9	0	0	3.4
6	0	4.2	0	0	2.7
7	0	2.8	0	0	3.2
8	0	2.2	0	0	4.2
9	0	2.3	0	0	4.2
10	0	2.2	0	0	4.1
11	0	2.9	0	0	4.0
12	0	2.4	0	0	4.0
13	0	3.0	0	0	4.0
14	0	3.4	0	0	4.0
15	0	2.0	0	0	4.2
16	0	0.4	0	0	4.5
17	0	2.4	0	0	4.2
18	0	3.4	0	0	3.9
19	0	3.2	0	0	3.8
20	0	2.9	0	0	3.9
21	0	3.3	0	0	3.8
22	0	2.6	0	0	3.5
23	0	0.6	0	0	4.0
24	0	0.3	0	0	4.3
25	0	0	0	0	4.0
26	0	0	0	0	4.0
27	0	0	4.0	0	4.2
28	4.0	3.4	5.0	0	4.1
29	4.5	6.0	3.8	0	4.0
30	4.6	7.0	2.5	0	3.9
31	4.5	---	0.5	0	---
Mean	.6	2.8	.7	0	4.2
Max.	4.6	7.0	5.0	0	7.0
Min.	0	0	0	0	2.7
A.F.	35.0	167.0	45.0	0	249.0

Water diverted 500 A.F.  
 Acreage reported D-514B-150, A-1362R-102.  
 Total 252.

DAILY DIVERSIONS OF CANALS--1956  
 ELM CREEK CANAL from Platte River  
 Measured through Parshall Flume--Section 5-8-19 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	7	0	43	10	59	0
2	4	0	45	7	49	0
3	3	0	51	12	51	0
4	4	0	45	42	51	0
5	0	0	51	43	51	0
6	0	0	39	37	33	0
7	0	0	33	48	0	0
8	0	0	12	58	0	0
9	0	0	13	59	0	0
10	0	0	5	56	0	0
11	0	0	5	64	0	0
12	0	0	4	69	0	0
13	0	0	11	74	0	0
14	0	0	12	90	0	0
15	0	0	21	92	0	0
16	0	0	14	98	0	0
17	0	0	11	98	0	0
18	0	0	43	105	0	0
19	0	0	65	129	0	8
20	0	0	67	113	0	37
21	0	0	69	89	0	33
22	0	0	73	128	0	45
23	0	0	64	129	0	40
24	0	0	51	128	9	38
25	0	0	38	111	38	39
26	0	0	42	70	33	38
27	0	0	31	71	41	40
28	0	10	24	72	23	47
29	0	35	17	75	0	25
30	0	41	14	69	0	0
31	0	47	---	68	0	---
Mean	1	4	34	75	14	13
Max.	7	47	73	129	59	47
Min.	0	0	4	7	0	0
A.F.	40	260	2010	4590	870	770

Water diverted 8540 A.F.  
 Acreage reported A-2093R-68, A-2104-2919.  
 Total 2987.  
 Sutherland storage available

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	55	0	73	80	81	79	66
2	53	0	73	74	93	82	64
3	52	0	74	80	88	83	61
4	52	0	72	85	83	82	59
5	50	0	59	86	90	75	62
6	48	0	42	87	57	73	61
7	48	0	41	89	32	73	65
8	30	0	45	82	31	87	65
9	0	0	51	68	38	79	63
10	0	0	48	52	76	71	64
11	0	0	47	59	81	74	66
12	0	0	47	54	79	68	65
13	0	0	58	57	73	71	64
14	0	0	54	55	70	70	64
15	0	0	49	81	65	66	63
16	0	0	53	81	65	64	76
17	0	0	46	84	69	67	84
18	0	0	42	75	109	65	72
19	0	0	58	73	69	65	64
20	0	25	63	75	71	67	58
21	0	32	88	69	69	65	57
22	0	32	79	72	75	66	56
23	0	32	69	78	104	62	60
24	0	31	58	78	72	67	59
25	0	31	55	73	74	67	55
26	0	32	55	67	76	65	55
27	0	32	48	60	82	68	54
28	0	50	66	67	74	64	61
29	0	73	84	71	92	64	53
30	0	73	80	73	82	65	66
31	0	---	86	---	80	67	---
Mean	13	15	60	73	74	70	63
Max.	55	73	88	89	109	87	84
Min.	0	0	41	52	31	62	53
A.F.	770	880	3700	4330	4560	4330	3730

Water diverted  
 22300 A.F.

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	0	1	0	3	5
2	3	0	0	1	0	3	5
3	2	0	0	1	0	3	5
4	2	0	0	1	0	3	5
5	2	0	0	1	0	3	5
6	2	0	0	0	0	4	5
7	1	0	0	0	0	4	5
8	1	0	0	0	0	4	5
9	0	0	0	0	0	4	5
10	0	0	0	0	0	4	5
11	0	0	0	0	0	4	5
12	0	0	0	0	0	4	5
13	0	0	0	0	0	4	5
14	0	0	0	0	0	4	5
15	0	0	0	0	0	4	5
16	0	0	0	0	0	4	5
17	0	0	0	0	0	4	4
18	0	0	0	0	0	4	4
19	0	0	0	0	0	4	4
20	0	0	0	0	0	4	4
21	0	0	0	0	0	5	4
22	0	0	0	0	0	5	3
23	0	0	0	0	0	5	3
24	0	0	0	0	0	5	3
25	0	0	0	0	0	5	3
26	0	0	0	0	0	5	3
27	0	0	1	0	0	5	3
28	0	0	1	0	0	5	3
29	0	0	1	0	0	5	3
30	0	0	1	0	0	5	3
31	0	---	1	0	0	5	---
Mean	1	0	0	0	0	2	4
Max.	3	0	1	1	3	5	5
Min.	0	0	0	0	0	3	3
A.F.	30	0	10	10	100	260	250

Water diverted  
 660 A.F.

DAILY DIVERSIONS OF CANALS—1956

ENTERPRISE CANAL from Stewart Drain  
Measured in channel of drain—Sec. 13-23-57 W.

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

DAILY DIVERSIONS OF CANALS—1956

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	9	14	9
2	0	0	0	0	13	6
3	0	0	0	0	7	8
4	0	0	0	0	7	9
5	0	0	0	0	9	7
6	0	10	0	0	14	0
7	0	14	0	0	15	0
8	0	3	0	0	17	0
9	0	0	0	0	14	0
10	0	0	0	0	16	0
11	0	0	4	1	14	0
12	0	0	10	17	7	0
13	0	0	11	18	4	9
14	0	0	1	16	6	11
15	0	0	0	17	21	1
16	0	0	0	17	25	0
17	0	0	0	17	22	0
18	0	0	0	18	23	0
19	0	0	0	18	23	4
20	19	0	0	18	22	16
21	20	0	4	14	23	11
22	18	0	12	15	23	6
23	17	1	13	12	24	2
24	18	2	13	16	22	1
25	19	6	11	16	19	5
26	19	1	11	16	19	5
27	19	0	12	9	18	3
28	7	0	14	9	18	0
29	0	0	14	6	18	0
30	0	0	14	6	17	0
31	0	0	—	13	14	—
Mean	5	1	5	10	16	4
Max.	20	14	14	18	25	16
Min.	0	0	0	0	4	0
A.F.	310	70	290	590	1010	220
Water diverted	2490 A.F.					

DAILY DIVERSIONS OF CANALS—1956

ENTERPRISE CANAL from Wet Spotted Tail Creek  
Sec. 22-23-56 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	0	5	6	5	10	11
2	7	0	5	6	5	10	11
3	7	0	5	6	5	10	10
4	7	0	5	6	5	10	10
5	7	0	5	6	5	10	10
6	7	0	5	5	5	10	10
7	7	0	5	5	5	10	10
8	7	0	5	5	5	10	10
9	0	0	5	5	5	10	10
10	0	0	5	5	5	10	10
11	0	0	5	5	5	10	10
12	0	0	5	5	5	10	10
13	0	0	5	5	5	10	10
14	0	0	5	5	5	10	9
15	0	0	5	5	5	10	9
16	0	0	5	5	5	10	9
17	0	0	5	5	5	10	9
18	0	0	5	5	7	10	8
19	0	0	5	5	7	10	8
20	0	5	5	5	7	11	8
21	0	5	5	5	7	11	8
22	0	5	5	5	7	11	7
23	0	5	5	5	7	11	7
24	0	5	5	5	7	11	7
25	0	5	5	5	7	11	7
26	0	5	5	5	7	11	7
27	0	5	5	5	10	11	7
28	0	5	5	5	10	11	7
29	0	5	6	5	10	11	7
30	0	5	6	5	10	11	7
31	0	—	6	—	10	11	6
Mean	2	2	5	5	6	10	9
Max.	7	5	6	6	10	11	11
Min.	0	0	5	5	5	10	7
A.F.	110	110	310	310	390	640	520
Water diverted	2390 A.F.						

DAILY DIVERSIONS OF CANALS--1956

ENTERPRISE CANAL  
Summary in Acre-feet--1956

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River.....	770	880	3700	4330	4560	4330	3730	22300
Wet Spotted Tail.....	110	110	310	310	390	640	520	2390
Morrill Drain.....	30	0	10	10	100	260	250	660
Stewart Drain.....	0	0	0	0	0	0	0	0
Tub Springs.....	0	310	70	290	590	1010	220	2490
<b>Total diversion:</b> .....	<b>910</b>	<b>1300</b>	<b>4090</b>	<b>4940</b>	<b>5640</b>	<b>6240</b>	<b>4720</b>	<b>27840</b>
Water diverted.....							Acreage reported	
27840 A.F.							D-920	7572

DAILY DIVERSIONS OF CANALS--1956  
ENTERPRISE CANAL (Combined flow-North and  
South Channels) from Niobrara River  
Measured through rating flumes--Sec. 27-29-50 W.

Date	May	June	July	Aug.	Sept.
1	0	0	3.7	0	1.8
2	0	0.4	4.1	0	6.5
3	0	3.2	4.6	0	7.0
4	0	4.6	4.1	0	7.0
5	0	8.0	5.0	0	7.0
6	0	8.0	3.4	0	7.0
7	0	8.0	3.4	0	7.0
8	0	8.0	3.0	0	4.2
9	0	8.0	4.0	0	6.0
10	1.3	7.0	3.6	0	4.2
11	8.0	6.0	5.6	0	4.2
12	8.0	5.4	5.2	0	4.4
13	9.0	3.0	4.2	0	4.6
14	9.0	3.6	3.7	0	4.4
15	7.0	4.8	3.1	0	4.8
16	5.0	5.6	2.4	0	4.0
17	5.0	5.2	0.3	0	3.4
18	4.7	3.8	0.3	0.8	3.6
19	4.8	3.2	0.3	2.4	6.0
20	5.0	6.0	0.3	3.8	6.0
21	5.0	6.0	0.8	3.8	4.6
22	5.0	8.0	2.3	3.6	3.8
23	4.1	4.0	2.0	2.3	3.6
24	3.2	2.9	2.0	1.9	2.9
25	2.4	3.8	1.7	1.6	2.5
26	4.7	4.2	1.6	1.8	4.2
27	0	4.0	1.6	1.6	5.4
28	0	3.4	1.0	1.9	5.7
29	0	3.1	1.0	3.8	6.2
30	0	3.1	0.6	4.0	5.6
31	0	---	0	3.8	---
Mean	2.9	4.8	2.5	1.2	5.0
Max.	9.0	8.0	5.6	4.0	6.5
Min.	0	0	0.3	0	1.8
A.F.	181.0	286.0	156.0	74.0	297.0
Water diverted 990 A.F.					
Acreage reported D-461-340, A-5181-76.					
Total 416.					

DAILY DIVERSIONS OF CANALS--1956  
EXCELSIOR CANAL from Niobrara River  
Measured through rating flume--Sec. 10-28-52 W.

Date	May	June	July	Aug.	Sept.
1	0	2.9	0.2	3.1	1.2
2	0	2.4	0.2	3.3	1.6
3	0	2.0	0.2	3.1	3.4
4	0	2.0	0.4	3.4	1.7
5	0	2.1	0.4	2.2	1.2
6	0	3.4	0.3	0	1.2
7	0	3.2	0.3	0	1.4
8	0	2.7	0.6	0	1.6
9	0	2.5	0.9	2.4	1.8
10	0	1.9	1.0	4.4	2.8
11	0	1.5	1.0	5.2	1.6
12	0	1.4	0.9	4.4	1.2
13	0	0.9	0.4	4.1	2.2
14	0	0.8	0.5	3.8	.7
15	0	0.8	0.7	3.4	.4
16	0	0.8	0.9	0	.8
17	0	0.8	0.5	0	1.2
18	0	0.8	1.0	.4	1.2
19	0	0.8	0.7	2.7	1.2
20	0	0.8	0.3	4.9	1.0
21	0	0	1.2	4.6	1.0
22	0	0	1.5	4.6	1.1
23	0	0	1.0	5.2	1.2
24	0.9	0	1.4	4.8	1.3
25	1.4	0	0.5	2.8	1.4
26	1.3	0	0.2	1.6	1.4
27	4.4	0.4	0.2	1.2	1.5
28	2.9	0.2	0.2	1.1	1.5
29	2.7	0.2	0.3	1.0	1.7
30	4.1	0.2	0.6	1.0	1.6
31	3.2	---	1.4	1.1	---
Mean	0.7	1.2	0.6	2.6	1.4
Max.	4.4	3.4	1.5	5.2	3.4
Min.	0	0	0.2	0	.4
A.F.	41.0	70.0	39.0	158.0	85.0
Water diverted 390					
Acreage reported					
D-568 200					
A-2264 134					
Total 334					

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	2	1	3	3
2	0	1	2	3	2
3	0	1	2	2	3
4	0	1	2	2	4
5	0	0	2	2	4
6	0	0	2	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	3	1	0
12	0	0	2	1	0
13	0	0	2	0	0
14	2	0	0	0	0
15	3	0	0	0	0
16	3	0	0	0	0
17	3	0	0	0	0
18	3	0	0	0	0
19	3	0	0	0	0
20	3	0	0	0	0
21	3	0	3	0	0
22	5	0	3	0	0
23	4	0	3	1	0
24	3	1	2	1	0
25	3	2	2	1	0
26	2	2	2	1	3
27	2	2	2	1	3
28	2	2	2	2	3
29	2	2	2	3	3
30	2	2	2	3	3
31	2	-	2	3	-
Mean	2	1	2	1	1
Max.	5	3	3	3	4
Min.	0	0	0	0	0
A.F.	100	40	100	80	60
Water diverted	380 A.F.				Acreage reported
					D-348 182
					A-718 54
					Total 236

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	721	1495	1260	1123
2	0	699	1437	1246	1163
3	0	699	1185	1157	1202
4	0	699	833	1140	1211
5	0	699	711	1171	1229
6	0	682	669	1197	1223
7	0	692	641	1197	1223
8	0	730	687	1205	1229
9	0	826	778	1226	1229
10	0	833	977	1252	1234
11	0	920	1197	1272	1231
12	0	977	1275	1298	1157
13	0	995	1284	1200	821
14	0	1048	1331	1200	697
15	0	1045	1364	1211	161
16	425	933	1400	1258	0
17	676	863	1412	1278	0
18	711	848	1424	1260	0
19	846	826	1364	1211	0
20	858	351	1364	1194	0
21	926	874	1364	1177	0
22	995	876	1367	1174	0
23	1028	892	1364	1151	0
24	1034	955	1334	1149	0
25	1075	1126	1307	1118	0
26	1076	1266	1304	1107	0
27	993	1278	1295	1132	0
28	928	1343	1278	1129	0
29	781	1437	1275	1129	0
30	728	1499	1275	1135	0
31	725	---	1272	1129	---
Mean	445	938	1202	1192	535
Max.	1076	1499	1495	1298	1234
Min.	0	682	641	1107	0
A. F.	27380	55800	73910	73320	31820
Water diverted	262230 A. F.				Acreage reported
					A-768 Neb. 54846
					A-768 Wyo. 50210
					Total 105056

Pathfinder and Kendrick storage included.

DAILY DIVERSIONS OF CANALS--1956  
FRANKLIN CANAL from Republican River  
Measured through orifice--Sec. 11-1-17 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	56	27	160	79
2	0	11	58	27	162	77
3	0	26	58	25	147	74
4	0	28	58	23	139	69
5	0	32	58	24	136	57
6	0	32	58	30	136	47
7	0	32	58	30	132	42
8	0	36	60	30	116	31
9	0	40	64	34	110	30
10	0	40	65	41	102	30
11	0	38	70	47	100	33
12	0	35	82	48	98	35
13	0	35	90	55	91	32
14	0	39	105	69	83	30
15	0	42	117	77	79	30
16	0	48	117	89	89	30
17	0	53	105	112	100	30
18	0	53	91	123	100	30
19	0	53	86	122	100	28
20	0	53	72	116	95	26
21	0	53	57	118	90	26
22	0	53	47	124	90	26
23	0	53	45	129	90	26
24	12	53	45	147	86	26
25	26	53	43	138	83	26
26	30	53	39	134	81	26
27	29	53	32	134	90	26
28	30	53	27	138	94	26
29	0	53	27	144	100	26
30	0	53	27	147	94	26
31	-	52	-	154	88	-
Mean	4	42	64	86	105	37
Max.	30	53	117	154	162	79
Min.	0	0	27	23	79	26
A.F.	210	2590	3800	5270	6470	2180
Water diverted	20520 A.F.					
Acreage reported	A-2691a-4600, A-2691b-3613,					
	A-4216-2148, A-6221-115, A-8259-137.					
Total	10613.					

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	12	0	27	16
2	0	12	6	32	15
3	0	12	12	29	15
4	0	12	12	28	2
5	0	12	11	28	0
6	0	4	4	19	0
7	0	0	0	14	0
8	0	0	0	11	0
9	0	0	0	15	0
10	0	0	0	16	0
11	0	6	0	14	0
12	0	15	0	13	0
13	0	15	0	12	0
14	0	22	0	21	0
15	0	26	0	24	0
16	8	26	11	24	0
17	13	5	33	27	8
18	13	0	40	26	13
19	13	0	45	24	13
20	13	0	45	24	12
21	13	0	46	24	12
22	13	0	44	24	12
23	13	0	45	17	12
24	12	0	45	12	12
25	12	0	43	12	12
26	12	0	40	12	4
27	12	0	40	13	0
28	12	0	41	14	0
29	12	0	39	16	0
30	12	0	35	16	0
31	12	-	29	16	-
Mean	6	6	21	19	5
Max.	13	26	46	32	16
Min.	0	0	0	11	0
A. F.	390	360	1320	1200	310
Water diverted	3580 A.F.				Acreage reported
					A-4227 1953

Supplemental storage available

DAILY DIVERSIONS OF CANALS--1956  
 FRENCH CANAL from North Platte River  
 Measured through orifice--Sec. 9-23-60 W., Wyoming

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

DAILY DIVERSIONS OF CANALS--1956  
 FURMAN CANAL from Niobrara River  
 (Combined flow, North and South)  
 Measured through rating flumes--Sec. 29-29-50 W.

Date	May	June	July	Aug.	Sept.
1	0	2.2	0.8	0	0.3
2	0	2.3	1.4	0	0.2
3	0	2.2	1.3	0	0.2
4	0	2.5	1.1	0	0.3
5	0	1.1	2.1	0	0.3
6	0	0	1.3	0	0.2
7	1.6	0	0.9	0	0.1
8	2.0	0	0.7	0	0.2
9	2.0	0.7	1.0	0.2	0
10	2.0	1.7	1.0	0.7	0
11	1.9	1.2	0.6	0.8	0.1
12	1.8	1.6	0	0.5	0.2
13	2.3	2.0	0.4	1.4	0.1
14	2.1	0.7	0.4	1.2	0.1
15	2.0	1.3	0.1	1.3	0.1
16	1.8	0.7	0.3	1.0	0.4
17	1.7	0.3	0.4	0.7	0.5
18	1.8	0.4	0.7	0.7	0.5
19	2.1	0.5	0.4	0.9	0.5
20	1.6	0.5	0.6	1.6	1.0
21	1.6	0.9	0.4	1.6	1.0
22	1.7	0.5	0.8	1.2	1.1
23	1.5	0	0.5	0.9	0.9
24	1.9	0.6	0	0.9	1.1
25	2.6	0.7	0.1	1.1	1.8
26	3.3	1.0	0	0.5	1.8
27	2.5	0.9	0.1	0.3	1.8
28	2.0	0.6	0.1	0.2	1.7
29	1.8	0	0.1	0.2	1.8
30	1.8	0.7	0	0.2	2.0
31	2.0	---	0	0.2	---
Mean	1.6	0.9	0.6	0.6	0.7
Max.	3.3	2.5	2.1	1.6	2.0
Min.	0	0	0	0	0
A. F.	98.0	55.0	35.0	36.0	40.0
Water diverted 260 A.F.					
Acreage reported D462-255.					

DAILY DIVERSIONS OF CANALS--1956  
 GERING CANAL from North Platte River  
 Measured through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	107	185	166	108
2	0	55	108	150	109
3	0	37	0	155	139
4	0	35	0	140	142
5	0	51	0	135	140
6	0	44	0	117	139
7	0	52	0	154	139
8	0	46	0	151	25
9	0	47	0	153	0
10	0	46	0	150	0
11	0	43	10	150	0
12	0	38	47	149	0
13	0	39	106	150	0
14	0	38	184	156	0
15	0	33	188	149	0
16	0	28	166	143	0
17	0	28	169	160	0
18	0	35	174	150	0
19	0	39	172	146	0
20	0	41	172	144	0
21	0	41	173	146	0
22	0	26	142	127	0
23	0	0	144	115	0
24	0	11	139	122	0
25	23	72	151	120	0
26	104	101	151	116	0
27	109	143	153	117	0
28	108	169	153	115	0
29	109	165	156	129	0
30	104	178	154	127	0
31	102	---	167	124	---
Mean	21	60	109	140	31
Max.	109	178	188	166	142
Min.	0	0	0	115	0
A. F.	1310	3540	6670	8580	1870
Water diverted 21970 A.F.					
Acreage reported A-365R 14310					

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	236	86	140	153	102	161	53	169	185	27	311	295
2	287	91	148	157	90	149	49	140	238	58	314	293
3	295	102	78	162	100	157	17	204	206	82	324	252
4	297	114	50	168	110	166	56	195	176	100	322	257
5	293	89	30	175	120	138	164	188	176	120	318	281
6	314	76	30	188	142	138	136	180	193	112	324	301
7	311	68	125	185	148	70	134	171	154	120	322	269
8	303	62	125	125	145	100	100	180	195	141	322	254
9	314	77	119	115	153	80	90	199	254	140	333	252
10	311	66	150	181	161	70	84	208	240	156	322	246
11	307	95	150	188	160	60	74	195	257	192	328	248
12	309	76	143	182	127	30	104	201	259	180	342	257
13	342	91	140	172	142	30	74	202	259	204	346	234
14	307	97	132	155	148	54	110	204	248	246	326	229
15	233	62	138	159	130	77	132	206	255	248	333	283
16	181	27	128	97	60	94	124	206	259	273	331	318
17	174	74	140	91	50	111	118	238	14	271	320	305
18	140	110	128	98	80	98	132	206	0	246	255	279
19	136	140	147	102	82	81	138	181	0	271	328	279
20	111	166	146	91	78	73	117	188	0	277	331	267
21	104	164	151	94	78	71	112	197	0	277	277	293
22	107	185	144	100	35	85	110	227	0	263	273	295
23	128	154	145	101	100	69	128	210	0	283	250	269
24	126	151	161	102	112	69	125	202	0	279	231	287
25	123	140	171	98	112	67	128	164	0	292	261	277
26	111	143	153	98	111	62	166	154	0	301	316	263
27	130	110	149	105	112	61	156	178	0	311	333	287
28	94	40	146	107	110	60	185	186	0	307	328	311
29	108	30	155	98	122	65	138	204	0	307	301	303
30	97	120	156	105	—	74	183	208	0	307	259	291
31	93	—	154	100	—	57	—	176	—	316	265	—
Mean	207	100	131	131	113	86	116	192	119	216	308	276
Max.	342	135	171	188	161	166	188	238	259	316	346	318
Min.	92	27	30	91	50	30	17	140	0	27	231	229
A. F.	12740	5960	8080	3040	6490	5310	6920	11830	7080	13300	18930	16410

Water diverted  
121100 A.F.

**DAILY DIVERSIONS OF CANALS—1956**

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

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	220	62	0	0	77	27	272	173
2	244	69	0	1	67	54	282	133
3	219	78	0	120	22	7	295	130
4	225	84	0	102	41	0	286	122
5	223	72	0	83	78	0	278	123
6	224	69	0	84	103	0	295	150
7	206	62	0	73	100	11	299	136
8	206	58	0	102	139	51	278	143
9	212	73	0	124	115	60	278	147
10	157	24	0	67	125	112	253	144
11	159	58	0	79	128	160	252	137
12	158	0	0	97	123	158	267	143
13	170	0	0	91	131	184	263	118
14	162	0	0	83	131	226	236	113
15	130	0	0	81	147	229	247	163
16	130	0	0	62	151	253	241	168
17	152	0	0	67	0	251	233	147
18	120	0	0	37	0	203	180	119
19	116	0	0	54	0	248	242	150
20	91	0	0	70	0	254	221	138
21	84	0	0	82	0	254	182	167
22	89	0	6	98	0	240	137	157
23	112	0	12	51	0	260	135	157
24	110	0	0	55	0	256	162	149
25	108	0	5	89	0	270	194	136
26	96	0	85	92	0	279	200	130
27	114	0	57	123	0	288	180	164
28	76	0	36	103	0	284	164	157
29	85	0	16	75	0	284	143	135
30	73	0	4	66	0	284	107	131
31	70	0	—	52	—	281	111	—
Mean	146	24	7	76	56	182	223	143
Max.	244	84	85	124	151	288	299	173
Min.	70	0	0	0	0	0	107	113
A. F.	9010	1410	440	4690	3330	10840	13710	8490

Water diverted  
51920 A.F.

Sutherland storage included

Acreage reported	
D-645a	860
D-645b	17000
A-3716	4585
<b>Total</b>	<b>22445</b>



DAILY DIVERSIONS OF CANALS—1956  
 GOTHENBURG POWER RETURN to platte River  
 Measured through section of canal--Sec. 9-11-25 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	14	20	117	133	80	132	51	150	88	0	32	100
2	35	18	142	147	70	159	52	114	141	3	26	132
3	63	20	132	155	80	133	39	69	151	62	24	100
4	59	25	40	158	90	163	20	77	111	87	29	111
5	57	14	40	162	100	146	110	87	81	115	33	130
6	74	6	30	161	110	132	158	79	74	105	24	124
7	87	5	30	148	120	58	150	81	44	89	19	109
8	80	3	80	68	120	85	116	64	46	74	36	91
9	84	3	94	92	120	65	74	62	114	66	45	87
10	127	34	114	128	130	60	79	116	94	36	57	84
11	122	30	149	158	111	52	71	95	106	26	63	91
12	124	34	131	155	119	22	74	86	112	18	62	93
13	142	26	136	159	134	22	66	91	105	17	68	95
14	119	17	145	160	135	38	79	99	96	17	74	95
15	85	20	134	83	96	33	60	103	88	16	71	98
16	42	20	152	20	53	68	114	118	88	17	74	123
17	18	30	150	63	40	114	108	141	300	17	72	130
18	17	60	124	75	90	98	114	139	157	35	62	132
19	17	120	119	80	61	76	137	104	46	19	71	106
20	17	150	140	75	54	64	113	97	8	19	90	106
21	17	150	118	80	76	68	94	94	1	19	78	103
22	15	160	139	85	72	83	86	106	1	19	11.2	113
23	14	150	133	120	90	79	95	131	0	19	94	92
24	14	150	134	112	118	61	124	121	1	19	57	113
25	13	136	147	123	88	59	101	62	1	19	55	116
26	13	138	149	114	103	59	67	51	1	18	95	109
27	14	99	146	113	110	54	82	45	0	19	126	101
28	15	29	146	108	104	51	123	68	0	19	135	127
29	19	26	137	114	115	42	142	106	0	19	130	138
30	20	99	113	105	—	62	147	117	0	19	125	132
31	19	—	145	92	—	52	—	102	—	28	127	—
Mean	50	60	120	114	96	77	95	96	68	34	70	109
Max.	142	160	152	162	135	163	158	150	300	115	135	138
Min.	13	3	30	20	40	22	20	45	0	0	19	84
A.F.	3090	3550	7350	7030	5530	4740	5640	5900	4080	2090	4300	6510

Water returned  
59810 A.F.

DAILY DIVERSIONS OF CANALS—1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	23	5	9	0	4	0
2	22	10	9	1	2	0
3	23	13	10	0	0	0
4	25	15	17	0	0	0
5	25	15	16	0	0	0
6	19	14	15	0	0	0
7	14	16	18	0	4	0
8	13	12	17	8	4	8
9	12	16	17	6	3	25
10	12	14	18	14	0	18
11	9	13	19	14	0	15
12	0	18	18	13	0	15
13	8	7	17	9	0	15
14	16	17	15	16	0	15
15	16	15	0	17	0	16
16	9	16	0	12	0	24
17	6	16	24	17	0	24
18	0	17	24	23	0	22
19	0	17	22	19	0	19
20	0	19	16	11	0	16
21	0	13	17	12	0	17
22	0	9	12	13	7	17
23	0	15	13	15	20	18
24	0	15	13	4	15	18
25	0	16	13	2	17	19
26	0	19	13	2	17	19
27	0	15	16	9	0	19
28	0	13	13	4	0	19
29	0	14	16	0	0	19
30	0	14	2	0	0	19
31	0	13	—	0	0	—
Mean	8	14	14	8	3	14
Max.	25	19	24	23	20	25
Min.	0	5	0	0	0	0
A. F.	500	880	850	480	180	820

Water diverted  
3710 A.F.

Acresage report  
 D-76R 85  
 D-781R 15  
 D-788 1288  
 Total 2089

DAILY DIVERSIONS OF CANALS--1956

HAIGLER CANAL from Republican River  
Measured through section of canal  
Sec. 2-1-43 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	--	--	--	47	35	--	33	--
2	--	--	--	--	--	40	--	--
3	--	--	--	--	--	--	--	46
4	--	--	--	50	--	--	--	--
5	--	--	--	--	32	46	32	--
6	--	--	--	--	--	--	--	--
7	--	--	--	53	--	--	46	--
8	--	18	--	--	--	44	--	--
9	--	--	--	53	30	--	30	--
10	--	--	--	--	--	--	--	--
11	--	--	--	40	--	36	--	--
12	--	--	--	--	44	--	30	--
13	--	--	--	--	--	--	--	--
14	38	--	--	--	--	--	--	--
15	--	--	--	37	34	35	--	--
16	--	--	--	--	--	--	--	--
17	--	--	43	37	--	--	--	--
18	--	--	41	--	34	36	--	40
19	--	--	49	36	--	--	--	--
20	--	--	--	--	--	--	41	--
21	--	--	--	38	34	33	17	--
22	--	--	45	--	--	--	--	--
23	--	--	--	--	33	--	--	--
24	--	--	--	42	--	--	39	--
25	--	--	--	--	32	37	--	--
26	--	--	45	--	36	--	--	--
27	39	--	48	--	29	--	--	--
28	--	--	--	37	30	35	39	--
29	--	--	47	37	35	--	--	--
30	--	--	--	--	--	--	39	--
31	--	--	--	--	--	--	--	--

Note: Record from intermittent readings by gage chamber

DAILY DIVERSIONS OF CANALS--1956 --

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

Date	Oct.	May	June	July	Aug.	Sept.
1	11.0	11.0	5.0	10.0	8.0	0
2	11.0	11.0	5.0	10.0	9.0	0
3	11.0	10.0	5.0	5.0	8.0	0
4	11.0	10.0	5.0	3.8	7.0	0
5	11.0	11.0	6.0	1.2	6.0	0
6	11.0	12.0	6.0	0	6.0	0
7	11.0	13.0	6.0	0	6.0	0
8	11.0	14.0	6.0	0	7.0	0
9	11.0	15.0	5.0	0	8.0	0
10	11.0	15.0	6.0	0	9.0	11.0
11	11.0	15.0	6.0	0	8.0	13.0
12	10.0	15.0	6.0	0	7.0	10.0
13	10.0	15.0	6.0	3.0	7.0	10.0
14	10.0	15.0	6.0	6.0	7.0	9.0
15	10.0	15.0	6.0	6.0	8.0	9.0
16	10.0	15.0	6.0	6.0	9.0	8.0
17	10.0	14.0	6.0	6.0	10.0	8.0
18	11.0	12.0	6.0	6.0	11.0	8.0
19	11.0	9.0	5.0	11.0	12.0	6.0
20	11.0	6.0	6.0	9.0	14.0	7.0
21	11.0	8.0	7.0	7.0	13.0	6.0
22	11.0	7.0	7.0	7.0	13.0	6.0
23	11.0	7.0	7.0	7.0	12.0	6.0
24	11.0	7.0	8.0	7.0	14.0	5.0
25	11.0	7.0	8.0	7.0	14.0	5.0
26	11.0	7.0	7.0	7.0	14.0	4.5
27	11.0	6.0	9.0	7.0	13.0	4.1
28	11.0	6.0	9.0	5.0	13.0	6.0
29	11.0	5.0	9.0	6.0	11.0	8.0
30	11.0	5.0	9.0	6.0	10.0	7.0
31	11.0	5.0	--	7.0	9.0	--
Mean	10.8	10.4	6.5	5.0	9.8	5.2
Max.	11.0	15.0	9.0	11.0	14.0	13.0
Min.	10.0	5.0	5.0	0	6.0	0
A.T.	664.0	641.0	385.0	309.0	601.0	321.0
Water diverted	2910				Acreage reported	
					D-517	600
					A-2275	509
					Total	1109

DAILY DIVERSIONS OF CANALS--1956 --

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

Date	May	June	July	Aug.	Sept.	
1	0	3.1	1.9	0	3.6	
2	0	3.1	2.1	0	3.7	
3	0	3.0	2.3	0	3.5	
4	5.0	2.9	2.2	0	3.5	
5	5.0	2.8	1.4	1.1	3.5	
6	5.0	2.8	1.3	2.3	3.1	
7	5.0	2.5	1.3	2.3	1.7	
8	5.0	2.4	1.3	2.4	2.2	
9	5.0	2.5	1.2	3.0	2.9	
10	5.0	2.5	0.9	3.3	3.0	
11	5.0	2.8	0.9	3.2	3.1	
12	5.0	2.8	0.8	3.0	3.2	
13	5.0	2.7	1.0	2.9	2.9	
14	5.0	2.4	1.1	2.8	2.8	
15	3.9	2.3	1.3	2.7	2.7	
16	3.0	2.7	2.2	2.7	3.0	
17	2.7	2.6	3.0	2.8	2.9	
18	2.9	2.3	2.9	2.7	2.6	
19	2.9	2.1	2.5	2.9	2.6	
20	2.7	1.9	3.5	3.1	2.4	
21	2.7	1.7	3.2	3.2	2.3	
22	2.6	1.5	3.0	3.2	2.4	
23	2.6	1.5	2.0	3.2	3.1	
24	2.6	1.5	0	3.2	2.9	
25	2.5	2.3	0	3.3	2.7	
26	2.5	2.5	0	3.2	2.6	
27	2.6	2.4	0	3.2	2.5	
28	2.6	1.9	0	3.3	2.6	
29	2.8	1.4	0	3.3	3.4	
30	2.9	1.4	0	3.5	3.7	
31	3.0	--	0	3.6	--	
Mean	3.3	2.3	1.4	2.6	2.9	
Max.	5.0	3.1	3.5	3.6	3.7	
Min.	0	1.4	0	0	1.7	
A.T.	203.0	139.0	86.0	157.0	173.0	
Water diverted	760				Acreage reported	
					A-1260	181

DAILY DIVERSIONS OF CANALS--1956

HOCOPER CANAL from Blue Creek  
Measured through Parshall Flume  
Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	11	12	12	8
2	12	0	14	4	11	8
3	11	0	17	8	11	7
4	11	6	16	10	10	9
5	11	16	14	1	9	8
6	10	18	12	5	9	10
7	8	18	8	7	10	7
8	10	18	9	7	11	7
9	14	18	11	6	11	10
10	15	18	11	6	8	9
11	15	22	10	7	11	9
12	14	22	9	11	10	9
13	12	9	10	10	11	9
14	13	0	9	12	8	9
15	14	12	13	11	9	10
16	14	18	14	13	10	11
17	11	18	13	12	12	11
18	11	17	11	13	9	10
19	12	18	10	14	8	9
20	12	21	7	13	11	8
21	13	18	12	8	7	9
22	13	16	13	10	4	9
23	14	15	15	14	6	10
24	12	15	14	10	7	10
25	11	16	12	12	6	11
26	10	16	14	11	7	12
27	12	14	14	11	2	12
28	12	6	13	13	7	13
29	10	4	13	13	6	13
30	4	7	12	12	6	13
31	0	11	--	13	7	--
Mean	11	13	12	10	9	10
Max.	15	22	17	14	12	13
Min.	0	0	7	1	2	7
A. F.	700	810	720	610	530	580
Water diverted	3950 A.F.					
	Acreage reported					
	D-781 858					
	D-788R 12					
	Total 877					

DAILY DIVERSIONS OF CANALS--1956

HITSEW PUMP No. 2 from Niobrara River  
Measured through 500 g.p.m. pump--Sec. 6-28-52

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	.5	0	0	0
3	0	.6	0	0	0
4	0	.4	0	0	0
5	0	.5	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	.6	0	0	0
9	0	0	0	0	0
10	0	.5	0	0	0
11	0	.5	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	--	0	0	--
Mean	0	.1	0	0	0
Max.	0	.6	0	0	0
Min.	0	0	0	0	0
A.F.	0	7.0	0	0	0
Water diverted	7				
	Acreage reported				
	A-4862 42				

DAILY DIVERSIONS OF CANALS--1956

HOFFMAN PUMP from Niobrara River  
Measured through 280 g.p.m. pump--Sec. 3, 9 & 10-28-55

Date	May	June	July	Aug.	Sept.
1	0	0.2	0	0	0
2	0	0.3	0	0	0
3	0	0.2	0	0	0
4	0	0.4	0	0	0
5	0	0.2	0	0	0
6	0	0.2	0	0	0
7	0	0	0	0	0
8	0	0.2	0	0	0
9	0	0.3	0	0	0
10	0	0.3	0	0	0
11	0	0.3	0	0	0
12	0	0.3	0	0	0
13	0	0.3	0	0	0
14	0	0.2	0	0	0
15	0	0	0	0	0
16	0	0.3	0	0	0
17	0	0.4	0	0	0
18	0	0.4	0	0	0
19	0	0.4	0	0	0
20	0	0.4	0	0	0
21	0	0.4	0	0	0
22	0.2	0.4	0	0	0
23	0.3	0.4	0	0	0
24	0.2	0	0	0	0
25	0.4	0	0	0	0
26	0.2	0	0	0	0
27	0	0	0	0	0
28	0.2	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0.3	--	0	0	--
Mean	0.1	0.2	0	0	0
Max.	0.4	0.4	0	0	0
Min.	0	0	0	0	0
A.F.	4.0	13.0	0	0	0
Water diverted	20				
	Acreage reported				
	A-5772 87				

DAILY DIVERSIONS OF CANALS--1956

HOOVER PUMP from Niobrara River  
Measured through 500 g.p.m. pump--Sec. 21-31-57 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	0.4	0	0	0
5	0	0.4	0	0	0
6	0	0.4	0	0	0
7	0	0.4	0	0	0
8	0	0.4	0	0	0
9	0	0.4	0	0	0
10	0	0	0	0	0
11	0	0.4	0	0	0
12	0	0.4	0	0	0
13	0	0.4	0	0	0
14	0	0.5	0	0	0
15	0	0	0	0	0
16	0.3	0	0	0	0
17	0.7	0.4	0	0	0
18	0.8	0.5	0	0	0
19	0.4	0.4	0	0	0
20	0.5	0.5	0	0	0
21	0.5	0	0	0	0
22	0.9	0	0	0	0
23	0.9	0	0	0	0
24	0.5	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	--	0	0	--
Mean	0.2	0.2	0	0	0
Max.	0.9	0.5	0	0	0
Min.	0	0	0	0	0
A.F.	11.0	12.0	0	0	0
Water diverted	20				
	Acreage reported				
	D-510R 85				

DAILY DIVERSIONS OF CANALS--1946  
 HUBBES CANAL from Niobrara River  
 Measured through rating flume--Sec. 1-28-52 W.

Date	May	June	July	Aug.	Sept.
1	0	1.4	0	0	0
2	0	1.3	0	0.1	0
3	0	1.0	0	1.3	0
4	0	0.8	0.6	1.4	0
5	0	0.6	2.2	1.9	0
6	0	0.6	1.4	1.0	0
7	0	1.4	0	0	0
8	0	1.4	0	0	0
9	0	1.4	0	0	0
10	0	0.7	0	1.6	0
11	0	0	0	2.2	0
12	0	0	0	2.0	0.3
13	0	0	0	2.0	0.2
14	0	0	0	1.8	0.2
15	0	0	0	1.1	0.2
16	0	0	0	0.8	0.2
17	0	0	0	0	0.2
18	0	0	0	0	0.2
19	0	0	0	0.2	0.2
20	0	0	0	1.1	0.2
21	0	0	0	0	0.2
22	0	0	0	0	0.2
23	0	0	0	0	0.2
24	0	0	0	0	0.2
25	0	0	0	0	0.1
26	1.0	0	0	0	0.1
27	2.3	0	0	0	0.1
28	2.8	0	0	0	0.1
29	3.6	0	0	0	0.1
30	2.8	0	0	0	0.1
31	1.1	-	0	0	0
Mean	0.4	0.4	0.1	0.6	0.1
Max.	3.6	1.8	2.2	2.2	0.3
Min.	0	0	0	0	0
A.F.	27.0	22.0	8.0	37.0	7.0

Water diverted 100 A.F.  
 Acreage reported D-987A-40, D-987B-20.  
 Total 60.

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	2	1	2	1
2	0	2	2	2	1
3	0	1	2	2	2
4	0	2	2	2	2
5	0	3	2	1	1
6	0	3	2	1	3
7	0	2	2	2	2
8	0	1	2	2	2
9	0	1	2	2	2
10	0	1	2	2	2
11	0	1	2	2	2
12	0	1	2	2	3
13	0	0	2	1	3
14	2	0	3	1	2
15	6	0	3	1	3
16	3	0	3	1	3
17	3	0	0	1	2
18	2	0	0	1	2
19	4	0	0	1	2
20	4	0	0	1	3
21	3	0	4	1	2
22	6	0	2	1	2
23	5	0	2	1	2
24	4	0	2	1	2
25	4	0	2	1	2
26	3	1	2	1	2
27	2	1	2	1	2
28	2	1	2	1	2
29	2	1	2	2	2
30	2	2	2	1	3
31	2	-	2	1	-
Mean	2	1	2	1	2
Max.	6	3	4	2	3
Min.	0	0	0	1	1
A.F.	120	50	120	80	130

Water diverted 500 A.F.  
 Acreage reported D-354 180

DAILY DIVERSIONS OF CANALS--1956

INTERSTATE CANAL from North Platte River  
 and Pathfinder Reservoir--Measured through rating  
 flume--Sec. 11-26-65 W.

Date	Nov.	Dec.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	378	0	908	0	1081	1772	1769	1758
2	0	512	0	937	0	875	1692	1769	1695
3	0	425	0	994	0	575	1156	1765	1674
4	0	425	0	1009	0	115	982	1716	1667
5	0	419	0	1012	0	0	985	1734	1671
6	0	419	0	1018	0	0	1027	1772	1576
7	0	419	0	1030	0	0	1087	1772	1435
8	0	464	0	1030	0	0	1081	1769	943
9	0	508	0	1027	0	80	1090	1776	560
10	0	545	0	1027	0	450	1192	1779	143
11	0	600	0	1024	0	753	1297	1779	0
12	0	605	0	1021	0	1069	1485	1730	0
13	0	600	0	1021	0	1354	1636	1737	0
14	0	605	0	1021	0	1447	1664	1737	0
15	0	273	0	1021	0	1444	1779	1730	0
16	0	0	0	868	382	1435	1832	1730	0
17	0	0	0	558	638	1429	1808	1726	0
18	0	0	0	140	928	1423	1793	1702	0
19	0	0	0	0	1201	1426	1816	1653	0
20	0	0	0	0	1234	1471	1884	1643	0
21	0	0	0	0	1267	1478	1872	1625	0
22	0	0	0	0	1309	1524	1864	1621	0
23	0	0	0	0	1441	1545	1856	1621	0
24	0	0	0	0	1590	1576	1848	1621	0
25	0	0	0	0	1604	1629	1836	1621	0
26	0	0	298	0	1604	1664	1820	1621	0
27	0	0	613	0	1601	1667	1828	1621	0
28	0	0	850	0	1594	1702	1844	1643	0
29	0	0	885	0	1545	1744	1856	1713	0
30	92	0	895	0	1541	1772	1828	1797	0
31	-	0	900	-	1366	-	1755	1828	-
Mean	3	232	143	555	672	1091	1589	1714	437
Max.	92	605	900	1030	1604	1772	1884	1828	1758
Min.	0	0	0	0	0	0	982	1621	0
A.F.	180	14280	8810	33060	41350	64920	97720	105360	26010

Water diverted 391690  
 Pathfinder storage included  
 Acreage reported A-768 Neh111855  
 A-768 Wyo 16100  
 Total 127955

DAILY DIVERSIONS OF CANALS--1956  
 JOHNSON CANAL from Niobrara River  
 Measured through rating flume--Sec. 1-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	0.5	3.1	0	0
2	0	0.4	3.3	0	0
3	0	0.2	3.7	0	0
4	0	0.4	3.0	0	0
5	1.3	3.3	1.0	0	0
6	1.8	0	0	0	0
7	1.9	0.1	0.7	0	0
8	2.1	1.3	0.8	0	0
9	2.4	1.9	1.1	0	0
10	2.9	0.4	1.9	0	0
11	1.9	0.9	1.6	0	0
12	2.1	3.8	2.6	0	0
13	2.7	1.9	1.0	0	0
14	2.7	2.3	0	0	0
15	2.3	1.4	0	0	0
16	2.1	0.4	0	0.9	0
17	2.1	1.3	0	0.4	0
18	0.5	0	0	0	0
19	0.1	0	0	0	1.6
20	0.1	0	0	0	2.8
21	0.1	0	0	0	2.2
22	0.1	0	0	0	1.0
23	0.4	0	0	0	0.3
24	0.4	0	0	0	0.6
25	2.2	0	0	0	2.1
26	1.9	0	0	0	2.3
27	0.9	0	0	0	2.3
28	1.6	1.1	0	0	2.4
29	1.4	1.7	0	0	2.5
30	1.0	1.0	0	0	2.5
31	0.7	---	0	0	---
Mean	1.3	0.8	0.8	0	0.8
Max.	2.9	3.8	3.7	0.9	2.8
Min.	0	0	0	0	0
A.F.	79.0	48.0	47.0	3.0	45.0

Water diverted 220 A.F.  
 Acreage reported D-511-140.

DAILY DIVERSIONS OF CANALS--1956

KEARNEY DIVERSION from Platte River  
 Measured through section of canal--Sec. 33-9-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	195	311	134	181	132	99	22	69	66	98	93	37
2	199	308	141	185	138	68	20	74	64	107	94	31
3	220	319	138	204	150	76	24	96	88	72	81	18
4	232	319	130	224	155	80	20	64	79	38	63	10
5	215	322	110	242	164	76	17	48	85	36	60	40
6	238	322	100	181	175	47	12	37	108	38	55	38
7	232	330	95	127	183	15	11	66	124	30	80	45
8	248	338	120	152	143	52	11	102	101	22	78	38
9	250	320	140	92	148	81	12	59	61	9	67	29
10	230	316	130	121	140	101	11	57	44	4	66	27
11	240	317	120	139	145	40	12	58	33	3	57	20
12	240	301	230	139	147	20	9	60	23	14	46	19
13	250	160	228	121	138	72	9	116	18	72	34	20
14	260	79	206	119	126	74	12	95	10	76	24	20
15	271	70	222	130	105	80	10	114	10	104	19	32
16	271	32	247	122	40	72	10	112	7	98	23	28
17	279	52	236	123	40	85	9	87	117	100	112	28
18	279	63	232	130	40	91	9	105	72	68	104	28
19	269	79	265	144	40	96	7	71	144	67	71	28
20	255	41	230	137	40	95	9	65	214	57	58	12
21	285	73	243	114	111	87	10	73	300	20	55	1
22	274	82	248	109	130	86	8	161	301	28	57	0
23	285	78	268	116	132	85	6	126	256	50	76	22
24	288	76	260	116	130	84	7	106	139	57	73	25
25	288	50	264	118	128	83	8	99	130	78	40	17
26	293	40	250	132	117	81	7	122	156	101	22	14
27	306	38	242	137	82	46	36	110	73	81	6	10
28	312	47	228	129	96	32	66	144	73	76	10	14
29	300	68	256	136	101	28	60	99	104	87	16	22
30	306	100	230	137	---	28	64	99	87	98	20	55
31	325	---	190	138	---	27	---	88	---	93	32	---
Mean	262	168	198	142	118	67	18	90	103	61	55	24
Max.	325	338	268	242	183	101	66	161	301	107	112	55
Min.	195	32	95	92	40	15	6	37	7	3	6	0
A. F.	16140	10020	12170	8720	6780	4140	1050	5520	6120	3730	3360	1440

Water diverted 79190 A. F.  
 Sutherland storage available

Acreage reported  
 D-1023 4353

DAILY DIVERSIONS OF CANALS—1956

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	175	297	86	200	141	126	0	17	44	62	26	0
2	189	284	107	189	136	107	0	59	42	111	42	0
3	189	295	127	200	140	70	0	62	44	98	34	0
4	237	300	115	204	150	91	0	56	66	104	6	0
5	230	300	110	206	155	100	0	0	59	104	0	0
6	215	302	100	165	160	73	0	0	82	84	0	0
7	244	306	95	104	170	66	0	0	93	33	0	37
8	230	319	105	139	175	45	0	18	76	34	5	25
9	237	310	120	76	149	87	0	24	20	20	4	14
10	231	300	135	87	140	157	0	0	26	0	0	5
11	218	300	130	97	135	9	0	0	8	0	0	0
12	234	298	120	149	135	0	0	0	4	0	0	0
13	230	256	150	125	125	0	0	0	6	0	0	0
14	242	0	196	115	120	28	0	84	4	0	0	0
15	244	0	202	120	28	24	0	86	0	29	0	0
16	254	0	176	130	30	73	0	83	0	51	0	1
17	242	0	188	130	30	93	0	83	2	56	0	8
18	218	0	194	135	30	70	0	79	93	35	119	6
19	222	30	185	138	30	91	0	69	86	0	26	6
20	216	21	215	78	30	112	0	42	167	6	41	5
21	208	65	194	87	107	83	0	52	252	0	33	0
22	226	69	216	98	131	66	0	119	266	0	28	0
23	244	60	231	111	133	52	0	108	255	0	61	0
24	262	53	257	120	117	69	0	75	167	0	37	0
25	268	45	274	112	150	103	0	84	135	0	2	0
26	268	35	255	104	118	68	0	93	150	0	0	0
27	267	35	245	107	70	22	0	75	65	0	0	0
28	272	40	235	89	84	0	0	121	54	0	0	0
29	278	42	225	80	112	0	0	80	118	0	0	0
30	281	42	250	102	—	0	0	63	100	29	0	0
31	287	—	225	135	—	0	—	73	—	9	0	—
Mean	237	147	176	127	111	93	0	55	83	28	15	4
Max.	287	319	274	206	175	157	0	121	266	111	119	37
Min.	175	0	95	76	28	0	0	0	0	0	0	0
A.F.	14590	8740	10840	7800	6410	3740	0	3390	4930	1720	920	210
Water returned	63290 A.F.											

DAILY DIVERSIONS OF CANALS—1956

KRITH-LINCOLN COUNTY CANAL from North Platte River  
Measured through Farshall flume—Sec. 18-14-36 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	
1	81	49	0	55	79	82	84	78	
2	90	44	0	54	80	74	80	78	
3	87	43	0	54	77	45	81	80	
4	86	15	0	57	74	69	82	80	
5	88	0	0	74	75	67	83	82	
6	85	0	0	72	72	47	83	85	
7	78	0	0	70	40	71	85	85	
8	76	0	0	69	43	74	84	90	
9	75	0	0	68	44	82	84	80	
10	75	0	0	75	62	81	87	81	
11	80	0	0	78	57	82	80	82	
12	75	0	0	77	70	84	80	80	
13	74	0	0	77	75	84	82	82	
14	72	0	0	77	76	84	82	81	
15	72	0	0	82	44	82	84	83	
16	70	0	0	85	10	82	84	83	
17	70	0	0	82	20	84	82	83	
18	69	0	0	85	58	82	84	85	
19	67	0	0	85	49	83	82	85	
20	56	0	0	87	47	83	73	86	
21	54	0	0	85	55	84	70	88	
22	53	0	0	80	78	83	70	84	
23	60	0	0	82	80	83	77	79	
24	56	0	0	83	80	83	77	77	
25	53	0	14	82	84	83	82	83	
26	52	0	49	81	89	34	80	80	
27	53	0	56	81	85	3	80	78	
28	54	0	54	79	79	3	81	80	
29	54	0	52	78	81	56	85	75	
30	52	0	55	82	81	81	79	63	
31	50	0	—	80	—	84	75	—	
Mean	68	5	9	76	64	72	81	81	
Max.	90	49	56	87	89	84	87	90	
Min.	52	0	0	54	10	3	70	63	
A.F.	4200	300	560	4670	3810	4410	4960	4830	
Water diverted	27740							Acres reported	
Kingsley Storage available								D-722	6147

DAILY DIVERSIONS OF CANALS—1956

KIMBALL CANAL from Lodgepole Creek—Measured through section of canal—Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	38	32	0
2	0	0	38	30	0
3	0	0	14	30	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	22	0
7	0	0	0	38	0
8	0	0	23	38	0
9	0	0	28	38	0
10	0	0	33	36	0
11	0	0	39	36	0
12	0	0	39	38	0
13	0	0	36	37	0
14	0	0	35	36	0
15	0	0	35	35	0
16	0	0	35	34	0
17	0	0	38	34	0
18	0	0	37	34	0
19	0	0	36	33	0
20	0	0	36	32	0
21	0	8	34	32	0
22	0	24	33	0	0
23	0	24	33	0	0
24	0	25	34	0	0
25	0	39	35	0	0
26	0	35	35	0	0
27	0	36	34	0	0
28	0	36	32	0	0
29	0	39	31	0	0
30	0	39	32	0	0
31	0	—	32	0	—
Mean	0	10	29	21	0
Max.	0	39	39	38	0
Min.	0	0	0	0	0
A.F.	0	600	1800	1280	0
Water diverted	3680 A.F.		Acreage reported A-897 4500		

DAILY DIVERSIONS OF CANALS—1956

LaBELLE CANAL from Niobrara River Measured through Rating Flume—Sec. 6-28-54 W.

Date	April	May	June	July	Aug.	Sept.
1	0	6.0	4.2	5.0	0	2.4
2	0	6.0	3.8	5.0	0	6.0
3	0	7.0	3.8	5.0	0	6.0
4	0	7.0	3.8	5.0	0	6.0
5	0	7.0	3.9	5.0	0	6.0
6	0	7.0	3.2	5.0	0	6.0
7	0	7.0	3.7	5.0	0	6.0
8	0	7.0	3.6	5.0	0.2	7.0
9	0	7.0	3.5	5.0	0.2	6.0
10	0	7.0	3.6	5.0	0	6.0
11	0	7.0	3.5	5.0	0	5.0
12	0	7.0	3.4	5.0	0	4.9
13	0	7.0	3.0	1.0	0	4.4
14	0	7.0	3.1	0	0	3.5
15	0	7.0	3.7	0	0	3.2
16	0	7.0	3.8	0	0	3.2
17	0	6.0	3.9	0	0	1.4
18	0	5.0	3.9	0	0	0
19	0	5.0	4.0	0	0	0
20	0	5.0	4.0	0	0	0
21	0	4.6	3.9	0	0	0
22	0	4.8	3.9	0	0	0
23	0	4.8	3.7	0	0	0
24	3.0	4.7	3.4	2.9	0	0
25	7.0	4.6	3.7	3.1	0	0
26	3.0	4.7	4.7	2.9	0	0
27	0	6.0	5.0	0	0	0
28	0	5.0	4.8	0	0	0
29	0	5.0	4.8	0	0	0
30	0	4.7	4.7	0	0	0
31	—	4.5	—	0	0	—
Mean	0.3	5.9	3.9	2.3	0	2.8
Max.	7.0	7.0	5.0	5.0	0.2	7.0
Min.	0	4.5	3.0	0	0	0
A.F.	20.0	366.0	231.0	139.0	1.0	165.0
Water diverted	920 A. F.		Acreage reported D-518 140 A-60 220 Total 360			

DAILY DIVERSIONS OF CANALS—1956

LAKOTA CANAL from Niobrara River Measured through 2-foot Parshall flume—Sec. 1-30-57 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	6.0	5.0	0	4.0	4.2
2	0	6.0	5.0	1.6	4.2	4.2
3	0	5.0	5.0	1.5	4.2	4.0
4	0	5.0	4.8	1.5	4.0	4.3
5	0	5.0	3.7	2.1	3.9	4.4
6	0	5.0	4.1	3.0	3.7	4.6
7	0	5.0	4.3	2.8	3.7	4.5
8	0	5.0	3.6	2.0	3.6	4.5
9	0	5.0	2.1	3.1	3.8	4.4
10	0	4.5	3.9	0.6	3.7	3.4
11	0	4.9	4.1	0.3	4.0	1.3
12	0	4.9	1.7	0	4.0	0
13	0	4.9	1.8	0.3	3.9	0
14	0	5.0	1.8	1.9	3.8	0
15	0	5.0	1.9	2.1	3.7	0
16	0	4.7	2.0	2.2	4.1	0
17	0	4.3	2.8	2.9	7.0	0
18	0	4.7	3.7	3.3	4.3	0
19	0	5.0	3.5	3.9	4.3	0
20	7.0	5.0	3.1	3.6	5.0	0
21	7.0	5.0	3.0	3.5	5.0	0
22	7.0	6.0	3.3	3.5	4.7	0
23	8.0	5.0	3.3	3.4	4.4	0
24	7.0	5.0	3.3	3.4	4.3	0
25	6.0	4.1	3.2	3.3	4.1	0
26	5.0	4.3	3.3	3.4	4.2	0
27	5.0	8.0	3.4	3.5	4.2	0
28	6.0	7.0	2.2	3.5	4.2	0
29	6.0	6.0	0.1	3.6	4.0	0
30	6.0	6.0	0	3.8	4.0	0
31	—	6.0	—	3.9	4.2	—
Mean	2.3	5.2	3.1	2.5	4.2	1.5
Max.	8.0	8.0	5.0	3.9	7.0	4.6
Min.	0	4.1	0	0	3.6	0
A.F.	139.0	322.0	184.0	154.0	258.0	87.0
Water diverted	1140		Acreage reported D-554 410			

DAILY DIVERSIONS OF CANALS—1956

LAST CHANCE CANAL from Pumpkinseed Creek Measured through rating flume—Sec. 27-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	6	6	6	6
2	6	0	11	6	6	6
3	6	0	14	0	6	6
4	6	0	6	0	6	6
5	6	0	6	0	6	6
6	6	0	6	0	6	6
7	6	0	6	0	6	6
8	6	0	6	0	6	6
9	6	0	6	0	5	6
10	12	0	6	0	5	6
11	10	0	6	0	6	6
12	6	7	6	0	6	7
13	6	8	6	12	6	6
14	6	8	6	11	6	6
15	6	8	6	11	6	7
16	6	8	6	11	5	7
17	7	8	5	11	6	7
18	7	8	5	9	6	7
19	7	8	6	7	6	6
20	8	8	5	7	6	5
21	6	8	5	7	6	6
22	5	8	5	7	6	6
23	3	8	5	6	6	6
24	0	6	5	6	6	7
25	0	6	5	6	5	7
26	0	6	4	6	6	6
27	0	5	5	6	5	6
28	0	6	6	6	5	6
29	0	6	6	6	6	6
30	0	6	6	6	5	6
31	0	6	—	6	5	—
Mean	5	5	6	5	6	6
Max.	12	8	14	12	6	7
Min.	0	0	4	0	5	5
A.F.	300	280	360	310	350	370
Water diverted	1970 A.F.		Acreage reported D-883 442			

DAILY DIVERSIONS OF CANALS--1956  
 LICITE CANAL from Niobrara River  
 Measured through 3' Parshall Flume--Sec. 27-29-48 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0.2	6.0	3.7	0.5	0
2	0	2.6	6.0	3.7	0.5	0
3	0	4.6	5.0	0.5	0.5	0
4	0	4.4	4.6	0	0.5	0
5	0	4.3	4.2	0	0.5	1.3
6	0	3.8	3.9	0	0.5	3.2
7	0	3.6	4.3	0	0.5	2.6
8	0	3.8	4.6	0	0.5	2.8
9	0	4.6	4.2	0.7	0.5	3.1
10	0	5.0	3.1	2.8	0	4.0
11	0	6.0	2.6	3.4	0	4.7
12	0	6.0	2.4	2.6	0	4.6
13	0	4.2	3.0	2.5	0	3.9
14	0	1.5	4.7	2.0	0	3.8
15	0	4.8	4.3	2.5	0	4.7
16	0	4.7	2.3	3.8	0	4.7
17	0	4.6	2.3	9.0	0	4.7
18	0	5.0	2.4	7.0	0	4.3
19	0	6.0	2.6	5.0	0	6.0
20	0	6.0	3.6	4.8	0	3.9
21	0	5.0	2.8	4.4	0	3.2
22	0	5.0	2.2	5.0	0	3.7
23	0	5.0	2.2	1.6	0	3.8
24	4.2	5.0	2.3	0.5	4.4	3.9
25	4.4	5.0	2.4	0.5	3.7	4.1
26	4.6	5.0	2.5	0.5	3.4	3.9
27	4.2	4.7	2.6	0.5	8.0	3.8
28	1.6	6.0	2.2	0.5	9.0	4.2
29	0.4	6.0	0.9	0.5	1.2	4.7
30	0.4	6.0	1.7	0.5	0	4.6
31	---	5.0	---	0.5	0	---
Mean	0.7	4.6	3.3	2.2	1.1	3.4
Max.	4.6	6.0	6.0	9.0	9.0	6.0
Min.	0	0.2	0.9	0	0	0
A.F.	39.0	284.0	194.0	137.0	68.0	203.0

Water diverted 930 A.F.  
 Acreage reported D-479-100, A-1086-148, A-1088-31,  
 A-1152-16, A-2523-205, A-2837-102, A-3592-46.  
 Total 648.

DAILY DIVERSIONS OF CANALS--1956  
 LISCO CANAL from North Platte River  
 Measured over weir--Sec. 24-18-47 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	30	45	25	12
2	17	7	34	2	34	7
3	12	7	33	57	25	15
4	11	4	39	69	21	22
5	8	3	35	22	22	14
6	7	5	17	0	22	4
7	3	11	14	0	22	18
8	0	9	25	0	23	28
9	0	5	29	0	22	7
10	0	16	28	0	23	24
11	0	23	25	0	23	8
12	0	22	21	0	21	11
13	0	25	20	0	20	0
14	0	27	48	0	19	0
15	0	27	55	0	19	0
16	0	25	33	13	23	0
17	0	25	13	27	22	9
18	0	25	25	12	16	5
19	0	25	31	19	15	22
20	0	25	35	12	20	8
21	0	25	33	24	20	2
22	0	17	23	31	17	2
23	0	11	29	24	28	12
24	0	7	34	19	24	5
25	0	7	48	16	16	8
26	0	6	52	18	12	33
27	0	9	35	23	16	36
28	0	10	28	19	20	38
29	0	19	20	19	27	45
30	0	29	14	21	17	60
31	0	33	---	21	10	---
Mean	2	16	30	17	21	15
Max.	17	33	55	69	34	60
Min.	0	0	13	0	12	0
A.F.	140	970	1800	1020	1280	900

Water diverted 6110 A.F.  
 Acreage reported D856-1392, D787R-1158, D796-300,  
 A243R-635, A991-216, A4658-112, A5572-98.  
 Total 3911.

DAILY DIVERSIONS OF CANALS--1956

LYONS CANAL from North Platte River  
 Measured through Parshall Flume--Sec. 29-17-44 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	13	9	0	5	3	0	0
2	15	9	0	6	2	0	0
3	13	9	0	5	3	0	0
4	13	9	0	5	10	0	0
5	13	8	0	13	8	0	0
6	13	7	0	13	10	0	0
7	12	7	0	11	5	0	0
8	8	7	0	13	5	0	0
9	8	7	0	14	0	0	5
10	8	4	0	11	0	0	8
11	8	0	0	9	5	0	9
12	7	0	0	9	3	0	10
13	7	0	0	8	3	0	9
14	7	0	0	8	2	0	10
15	7	0	0	1	0	0	14
16	7	0	0	1	0	0	15
17	4	0	0	6	0	0	17
18	4	0	0	6	0	0	17
19	6	0	0	3	0	0	16
20	14	0	0	4	14	0	13
21	14	0	0	5	13	0	14
22	16	0	0	4	14	1	12
23	18	0	0	3	11	11	12
24	14	0	0	3	0	13	12
25	16	0	0	3	0	16	10
26	16	0	0	0	0	0	11
27	16	0	0	0	0	0	10
28	16	0	0	0	0	0	10
29	15	0	0	2	0	0	9
30	14	0	0	3	0	0	9
31	12	---	0	---	0	0	---
Mean	11	2	0	6	4	1	8
Max.	18	9	0	14	14	16	17
Min.	4	0	0	0	0	0	0
A.F.	700	150	0	340	220	80	500

Water diverted 1990 A.F.      Acreage reported D-803      903

DAILY DIVERSIONS OF CANALS--1956  
 MCGINLEY-STOVER (North) from Niobrara River  
 Measured through rating flume--Sec. 25-29-55 W.

Date	May	June	July	Aug.	Sept.
1	0	6.0	4.3	3.7	6.0
2	0	6.0	5.0	3.7	6.0
3	0	6.0	4.3	3.6	6.0
4	0	6.0	4.1	3.4	6.0
5	0	6.0	4.0	3.4	6.0
6	0	6.0	4.0	3.2	7.0
7	0	6.0	3.9	3.0	7.0
8	0	6.0	3.8	3.2	7.0
9	0	5.0	3.8	3.5	7.0
10	0	5.0	3.7	3.4	7.0
11	0	5.0	3.6	3.4	7.0
12	0	5.0	3.6	3.4	7.0
13	0	5.0	3.7	3.4	7.0
14	0	5.0	3.7	2.2	7.0
15	0	5.0	3.8	0	7.0
16	0	6.0	3.8	0	7.0
17	0	5.0	4.8	0	7.0
18	4.0	4.9	5.0	0	7.0
19	4.9	4.7	4.3	0	7.0
20	5.0	4.6	4.0	0	6.0
21	4.5	4.4	4.1	0	6.0
22	4.0	4.3	4.6	0	7.0
23	4.2	4.2	4.6	0	7.0
24	4.8	4.0	4.5	0	7.0
25	4.9	4.0	4.4	0	7.0
26	5.0	4.2	4.0	0	7.0
27	6.0	4.0	3.9	0.9	7.0
28	6.0	3.8	3.8	6.0	7.0
29	5.0	3.7	3.9	6.0	7.0
30	6.0	3.6	3.8	6.0	7.0
31	6.0	---	3.8	6.0	---
Mean	2.3	4.9	4.1	2.3	6.8
Max.	6.0	6.0	5.0	6.0	7.0
Min.	0	3.6	3.6	0	6.0
A.F.	139.0	294.0	251.0	112.0	403.0

Water diverted 1230 A.F.  
 Acreage reported D-513a-515, D-980-163.  
 Total 678.



DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	3	0	0	0	0
2	3	0	0	0	0
3	1	0	0	0	0
4	2	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	2	0	0	0	0
9	3	0	0	0	0
10	3	0	0	0	0
11	3	0	0	0	0
12	3	0	0	0	0
13	3	0	0	0	0
14	2	0	0	0	0
15	4	0	0	0	0
16	3	0	0	0	0
17	3	0	0	0	0
18	3	0	0	0	0
19	2	2	0	0	0
20	2	3	0	0	0
21	2	3	0	0	0
22	4	3	0	0	0
23	4	2	0	0	0
24	3	2	0	0	0
25	3	0	0	0	0
26	2	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	2	1	0	0	0
Max.	4	3	0	0	0
Min.	0	0	0	0	0
A. F.	120	30	0	0	0
Water diverted	150 A.F.				
	Acres reported				
	D-351 176				
	A-734 122				
	Total 298				

DAILY DIVERSIONS OF CANALS--1956

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	1.8	8.0	1.3	0	6.0
2	0	1.2	7.0	1.4	0	3.9
3	0	1.8	6.0	1.6	0	4.0
4	0	2.1	7.0	1.7	0	4.0
5	0	2.6	7.0	4.3	0	4.0
6	0	2.3	6.0	2.8	0	4.0
7	0	2.4	6.0	2.3	0	4.0
8	0	2.4	5.0	2.8	0	4.0
9	0	2.1	3.9	2.3	0	4.0
10	0	2.2	3.2	2.4	0	3.9
11	0	1.8	2.8	2.3	0	5.0
12	0	1.4	2.1	1.3	0	3.0
13	0	2.1	.8	1.0	0	3.8
14	0	2.0	.8	1.4	0	4.9
15	0	2.8	.8	1.2	2.0	4.6
16	0	3.5	1.2	1.5	2.0	4.6
17	0	2.5	1.6	2.7	2.0	5.0
18	0	2.6	1.3	3.0	2.0	4.5
19	0	2.6	1.2	2.3	2.0	4.1
20	0	2.1	1.2	3.0	2.0	3.8
21	0	2.0	1.1	3.8	2.0	3.5
22	0	2.5	1.0	3.1	2.1	3.7
23	0	8.0	1.1	3.5	.3	4.2
24	0	11.0	1.3	5.0	1.6	4.6
25	0	11.0	1.4	3.3	8.0	4.1
26	0	9.0	2.3	4.1	7.0	3.6
27	.7	11.0	2.2	3.6	7.0	3.9
28	.7	12.0	1.7	3.2	6.0	3.6
29	1.0	12.0	1.3	3.1	6.0	4.9
30	1.5	10.0	1.0	3.0	6.0	6.0
31	---	8.0	---	.3	6.0	---
Mean	.1	4.5	2.9	2.5	2.1	4.3
Max.	1.5	12.0	8.0	5.0	8.0	8.0
Min.	0	1.4	.8	.3	0	3.0
A. F.	8.0	279.0	173.0	156.0	127.0	256.0
Water diverted	1000 A.F.					
	Acres reported					
	D-566 500					

DAILY DIVERSIONS OF CANALS--1956

MEEKER CANAL from Republican River Measured through Rating Flume--Sec. 15-3-31 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	19	21	22	38	68	49
2	20	21	21	39	32	46
3	20	19	19	44	35	42
4	20	18	18	50	55	42
5	19	19	19	46	62	46
6	19	19	21	41	50	40
7	21	21	19	41	49	37
8	20	29	33	44	50	39
9	21	32	42	46	47	36
10	22	31	39	48	53	36
11	26	34	34	59	60	35
12	27	35	38	72	44	36
13	27	35	52	80	38	40
14	28	36	51	71	39	43
15	22	34	47	70	43	45
16	0	31	49	72	49	43
17	0	37	50	71	52	42
18	0	33	64	65	40	44
19	0	39	63	62	39	45
20	0	37	66	76	45	46
21	0	40	60	74	46	42
22	0	40	33	80	40	52
23	0	47	38	76	46	43
24	0	37	44	73	45	40
25	0	38	39	72	51	45
26	0	41	21	64	46	46
27	0	19	19	65	45	42
28	0	21	23	63	47	35
29	0	22	28	64	46	36
30	0	23	27	63	44	40
31	0	22	---	68	49	---
Mean	11	30	37	61	47	42
Max.	28	47	66	80	68	52
Min.	0	18	18	38	32	35
A. F.	600	1840	2190	3760	2890	2490
Water diverted	13830 A.F.					
Supplemental storage included	2930					
	Acres reported					
	D-4,9,8,7 2930					

DAILY DIVERSIONS OF CANALS--1956  
MEREDITH-AMMER CANAL from Pumpkinseed Creek Measured through rating flume--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	6	7	6	6
2	0	6	8	6	5
3	0	6	0	6	4
4	0	7	0	6	4
5	0	8	0	6	4
6	0	7	0	6	4
7	0	8	0	6	4
8	0	7	0	8	4
9	0	7	0	9	4
10	0	6	2	8	4
11	0	6	5	8	4
12	0	5	5	8	4
13	0	6	4	8	3
14	0	6	6	0	3
15	0	7	8	7	3
16	0	8	9	7	3
17	0	7	8	7	3
18	4	8	12	8	3
19	8	8	12	8	3
20	10	8	9	8	2
21	8	7	8	7	2
22	12	7	8	7	2
23	15	8	7	7	2
24	13	8	7	9	2
25	10	7	6	7	2
26	10	8	5	7	3
27	9	7	13	8	3
28	9	7	5	7	2
29	8	3	5	7	2
30	7	7	5	6	2
31	7	-	0	6	-
Mean	4	7	5	7	3
Max.	15	8	13	9	6
Min.	0	6	0	6	2
A. F.	260	420	340	440	190
Water diverted	1650 A.F.				
Acres reported	D-876-445, *D-828-144.				
Total	589.				
*Belmont appropriation carried by Meredith-Ammer for lands located west of Pumpkinseed Creek in Sec. 12-19-50 W.					

**DAILY DIVERSIONS OF CANALS--1956**  
**METTLEN CANAL from Niobrara River**  
 Measured through rating flume--Sec. 4-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	1.4	2.6	2.3	0
2	0	1.5	3.7	3.1	0
3	0	1.6	6.0	2.9	0
4	0	1.6	7.0	2.8	4.0
5	0	1.8	7.0	1.8	6.0
6	0	1.8	7.0	1.3	6.0
7	0	1.7	7.0	.3	7.0
8	0	1.3	7.0	0	7.0
9	0	.1	7.0	0	6.0
10	0	0	7.0	0	6.0
11	3.6	.9	7.0	0	4.5
12	4.0	1.3	7.0	0	2.9
13	4.6	.9	8.0	0	3.4
14	5.0	0	6.0	0	2.8
15	4.9	0	4.1	0	1.7
16	4.9	0	3.4	0	1.7
17	3.8	0	4.5	0	1.7
18	3.8	0	6.0	0	4.2
19	3.8	2.1	6.0	0	4.9
20	3.9	2.0	5.0	0	6.0
21	4.0	.5	.5	0	5.0
22	4.0	0	0	0	5.0
23	3.7	0	0	0	5.0
24	2.6	0	0	0	6.0
25	2.1	0	0	0	6.0
26	2.5	0	.2	0	6.0
27	3.4	0	.8	0	6.0
28	3.1	0	1.9	0	6.0
29	2.4	1.7	0	0	6.0
30	1.1	1.6	1.1	0	4.6
31	1.4	---	2.6	0	---
Mean	2.3	0.8	4.0	0.5	4.4
Max.	5.0	2.1	8.0	3.1	7.0
Min.	0	0	0	0	0
A.F.	144.0	47.0	249.0	29.0	261.0

Water diverted 730 A.F.  
 Acreage reported A-292-342, A-1248-53,  
 A-2244-80. Total 475.

**DAILY DIVERSIONS OF CANALS--1956**

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	47	46
2	0	0	0	0	47	45
3	0	0	0	0	45	44
4	0	0	0	0	44	46
5	0	0	0	0	44	47
6	0	0	0	0	45	45
7	0	0	0	0	45	42
8	0	0	0	0	46	41
9	0	0	0	0	42	40
10	0	0	0	28	25	41
11	0	0	4	39	44	43
12	0	0	26	42	46	42
13	0	0	27	43	47	42
14	0	0	25	43	47	42
15	0	0	22	45	47	42
16	0	0	20	45	46	42
17	0	0	16	45	47	42
18	0	0	16	45	47	42
19	0	0	13	45	46	41
20	0	0	10	45	47	41
21	0	0	10	45	47	41
22	0	0	13	46	47	41
23	0	16	13	46	47	41
24	0	27	14	46	46	40
25	0	20	15	46	46	39
26	0	17	10	46	46	39
27	0	17	1	48	46	39
28	0	18	0	47	46	38
29	0	13	0	47	46	35
30	0	4	0	47	46	10
31	0	0	0	45	46	---
Mean	0	4	8	31	45	41
Max.	0	27	27	48	47	47
Min.	0	0	0	0	25	10
A.F.	0	260	510	1930	2780	2420

Water diverted 7900 A.F.  
 Acreage reported A-2293 3222  
 A-2678 82  
 Total 3304

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	58	38
2	0	0	0	0	60	36
3	0	0	0	0	56	35
4	0	0	0	0	54	37
5	0	0	0	0	51	40
6	0	0	0	0	52	36
7	0	0	0	11	52	28
8	0	0	0	24	54	27
9	0	0	0	18	53	25
10	0	0	0	22	26	30
11	0	0	0	25	37	35
12	0	0	13	48	40	36
13	0	0	29	50	39	38
14	0	0	20	52	35	35
15	0	0	24	54	36	33
16	0	0	30	58	40	30
17	0	0	29	64	41	31
18	0	0	26	64	46	33
19	0	0	12	62	46	33
20	0	0	8	62	42	32
21	0	0	7	60	29	30
22	0	0	12	61	32	25
23	0	0	14	63	39	25
24	0	18	20	66	37	25
25	0	19	14	66	43	24
26	0	21	10	64	48	24
27	0	21	1	66	46	26
28	0	28	0	62	47	26
29	0	14	0	60	50	11
30	0	4	0	62	50	0
31	0	0	0	55	47	---
Mean	0	4	9	42	45	29
Max.	0	28	30	66	60	40
Min.	0	0	0	0	26	0
A.F.	0	250	530	2580	2750	1750

Water diverted 7860 A.F.  
 Acreage reported A-2293 2838  
 A-2678 224  
 A-4131 18  
 A-6623 40  
 Total 3120

DAILY DIVERSIONS OF CANALS—1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	22	4	92	72
2	0	0	39	15	105	69
3	0	0	42	16	104	68
4	0	0	50	10	96	69
5	0	0	46	11	94	66
6	0	0	38	8	98	61
7	0	0	44	6	98	56
8	0	0	41	6	94	48
9	0	0	37	16	84	43
10	0	0	34	30	66	43
11	0	0	33	50	70	43
12	0	0	27	56	77	43
13	0	0	36	68	70	43
14	0	0	50	99	66	43
15	0	0	54	110	70	43
16	0	0	56	117	72	43
17	0	0	68	120	74	44
18	0	0	59	122	56	43
19	0	0	44	117	56	44
20	0	0	27	116	54	44
21	0	34	18	114	48	32
22	0	58	19	114	44	34
23	0	50	6	116	43	35
24	0	51	0	117	41	35
25	0	54	0	116	41	35
26	0	54	2	111	41	35
27	0	60	4	108	40	35
28	0	62	4	100	52	35
29	0	68	4	97	68	36
30	0	60	4	94	73	14
31	0	48	—	86	76	—
Mean	0	19	30	73	70	45
Max.	0	68	68	122	105	72
Min.	0	0	0	4	40	14
A.F.	0	1190	1800	4500	4290	2690
Water diverted		14470				
				Acres reported		
				A-2293	7502	
				A-2678	217	
				Total	7719	

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
CANAL NO. 4 from Middle Loup River  
Measured through rating flume—Sec. 6-17-16 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	34	0	112	94
2	0	0	43	0	121	94
3	0	0	38	0	113	92
4	0	0	39	0	112	92
5	0	0	42	0	96	92
6	0	0	42	0	97	78
7	0	0	46	0	104	66
8	0	0	38	0	106	66
9	0	0	30	27	106	75
10	0	0	27	48	82	73
11	0	0	31	57	86	74
12	0	0	29	68	96	71
13	0	0	35	72	96	75
14	0	0	45	92	96	78
15	0	0	45	122	95	76
16	0	0	48	127	100	74
17	0	0	48	125	104	75
18	0	0	36	128	90	75
19	0	0	33	127	91	66
20	0	0	27	127	74	59
21	0	0	23	129	61	58
22	0	42	24	130	56	59
23	0	68	9	124	56	58
24	0	63	0	119	56	58
25	0	57	0	120	57	58
26	0	50	0	118	67	57
27	0	53	0	116	75	58
28	0	57	0	116	76	58
29	0	63	0	119	84	60
30	0	50	0	120	92	25
31	0	41	—	114	94	—
Mean	0	18	27	79	89	70
Max.	0	68	48	130	121	94
Min.	0	0	0	0	56	25
A.F.	0	1080	1610	4850	5460	4150
Water diverted		17150				
				Acres reported		
				A-2293	7802	
				A-2678	188	
				A-5139	112	
				Total	8102	

DAILY DIVERSIONS OF CANALS

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

Date	May	June	July	Aug.	Sept.
1	0	2	0	0	0
2	0	1	0	1	1
3	0	0	0	1	1
4	0	0	0	0	2
5	0	0	0	1	2
6	0	0	0	0	2
7	0	0	0	0	1
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	1	0	0
11	0	0	16	1	0
12	0	0	10	0	0
13	0	14	4	0	2
14	0	13	1	0	1
15	0	11	1	0	1
16	0	8	1	0	1
17	0	6	2	0	1
18	0	6	1	1	0
19	0	4	0	2	2
20	0	2	0	1	4
21	0	2	0	0	4
22	0	5	0	0	4
23	0	6	0	0	5
24	12	7	2	1	7
25	21	8	0	1	7
26	10	9	0	0	8
27	9	4	0	0	7
28	11	1	0	1	4
29	8	0	1	0	0
30	4	0	0	1	0
31	3	—	0	1	—
Mean	3	4	1	0	2
Max.	21	14	16	2	8
Min.	0	0	0	0	0
A.F.	150	220	80	30	130
Water returned		610 A.F.			

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	4	5
2	0	0	0	4	4
3	0	0	0	8	3
4	0	0	0	8	5
5	0	0	0	5	12
6	0	0	0	5	20
7	0	0	0	7	14
8	0	0	11	6	13
9	0	0	4	12	10
10	0	0	1	6	10
11	0	0	1	13	16
12	0	0	1	19	17
13	0	8	3	17	20
14	0	10	1	13	17
15	0	6	0	12	13
16	0	12	0	12	11
17	0	13	0	7	9
18	0	15	0	11	12
19	0	4	0	12	11
20	0	1	0	14	10
21	0	3	0	11	11
22	0	9	1	7	5
23	0	5	2	9	5
24	2	11	2	3	5
25	10	8	3	1	3
26	13	5	3	3	1
27	13	1	1	3	2
28	16	0	1	2	1
29	13	0	1	2	0
30	4	0	1	5	0
31	0	—	0	8	—
Mean	2	4	1	8	9
Max.	16	15	11	19	20
Min.	0	0	0	1	0
A.F.	140	220	70	490	530
Water returned		1450 A.F.			

DAILY DIVERSIONS OF CANALS--1956

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

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

Date	May	June	July	Aug.	Sept.
1	0	19	0	6	10
2	0	6	0	7	9
3	0	17	0	10	10
4	0	23	0	10	13
5	0	24	0	10	15
6	0	16	0	9	20
7	0	19	0	10	15
8	0	19	0	12	17
9	0	16	0	13	14
10	0	12	4	13	14
11	0	11	8	13	13
12	0	9	12	14	10
13	0	2	13	13	8
14	0	12	12	7	6
15	0	11	12	6	9
16	0	12	6	9	10
17	0	17	0	8	9
18	0	24	0	15	9
19	0	24	0	17	9
20	0	22	0	17	8
21	0	8	0	21	10
22	0	10	0	18	6
23	3	9	2	15	4
24	15	1	2	13	6
25	12	0	2	11	8
26	14	0	2	6	6
27	12	0	0	3	7
28	13	0	3	0	6
29	14	0	8	4	7
30	18	0	8	6	8
31	18	-	7	7	-
Mean	4	11	3	10	10
Max.	18	24	13	21	20
Min.	0	0	0	0	4
A.F.	240	680	200	640	590
Water returned		2350 A.F.			

Date	May	June	July	Aug.	Sept.
1	0	8	0	0	5
2	0	4	0	0	4
3	0	8	0	0	6
4	0	6	0	1	8
5	0	7	0	0	17
6	0	9	0	0	17
7	0	12	0	0	4
8	0	13	0	0	0
9	0	8	0	0	2
10	0	3	0	1	8
11	0	0	2	0	7
12	0	1	10	0	6
13	0	2	14	1	8
14	0	4	5	5	9
15	0	5	7	5	12
16	0	0	10	6	12
17	0	4	2	6	10
18	0	10	0	13	12
19	0	9	0	22	13
20	0	9	0	22	14
21	0	6	0	14	14
22	0	4	0	14	16
23	0	6	0	9	19
24	2	5	0	6	22
25	11	0	0	2	19
26	8	1	0	1	19
27	5	0	0	1	16
28	7	0	0	1	15
29	12	0	0	0	18
30	14	0	0	1	18
31	8	-	0	3	-
Mean	2	5	2	4	12
Max.	14	13	14	22	22
Min.	0	0	0	0	0
A.F.	130	290	100	270	690
Water returned		1480 A.F.			

DAILY DIVERSIONS OF CANALS--1956

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
 Summary in Acre-feet--1956

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	260	510	1970	2780	2420	7960
Canal No. 2.....	250	530	2580	2750	1750	7860
Canal No. 3.....	1190	1800	4500	4290	2600	14470
Canal No. 4.....	<u>1080</u>	<u>1610</u>	<u>4850</u>	<u>5460</u>	<u>4150</u>	<u>17150</u>
Total diversion.....	2780	4450	17860	15280	11010	47380
Return through Spillways:						
Canal No. 1.....	150	220	80	30	130	610
Canal No. 2.....	140	220	70	400	530	1450
Canal No. 3.....	240	680	200	640	590	2350
Canal No. 4.....	<u>130</u>	<u>290</u>	<u>100</u>	<u>270</u>	<u>690</u>	<u>1480</u>
Total returned.....	660	1410	450	1430	1940	5890
Net diverted.....	2120	3040	17410	13850	9070	41490

DAILY DIVERSIONS OF CANALS--1956

MIDLAND-OVERLAND CANAL from North Platte River  
Measured through Parshall flume--Sec. 2-16-44 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.	
1	27	8	0	22	0	0	0	
2	28	8	0	20	0	0	0	
3	26	7	0	21	0	0	0	
4	24	4	0	21	0	0	0	
5	22	0	0	26	0	0	0	
6	20	0	0	25	4	0	0	
7	41	0	0	25	4	0	9	
8	12	0	0	24	4	0	18	
9	5	0	0	22	4	0	16	
10	3	0	0	16	4	0	6	
11	3	0	0	11	9	0	10	
12	2	0	0	8	11	0	17	
13	5	0	0	7	8	0	16	
14	6	0	0	6	16	0	15	
15	8	0	0	0	21	0	18	
16	6	0	0	4	18	0	22	
17	11	0	0	16	15	0	23	
18	12	0	0	23	14	0	23	
19	10	0	0	28	9	0	22	
20	9	0	0	30	8	0	20	
21	8	0	0	29	8	0	20	
22	5	0	10	20	8	20	21	
23	17	0	16	28	19	22	21	
24	13	0	15	25	2	19	22	
25	11	0	18	21	0	18	22	
26	10	0	37	11	0	0	22	
27	10	0	35	20	0	0	21	
28	10	0	17	28	0	0	21	
29	9	0	19	35	0	0	19	
30	9	0	23	0	0	0	19	
31	8	-	22	-	0	0	-	
Mean	13	1	7	19	6	3	15	
Max.	41	8	37	35	21	22	23	
Min.	2	0	0	0	0	0	0	
A.F.	770	50	420	1130	370	160	880	
Water diverted	3780							Acres reported
							D-789 1000	
							D-791 810	
							D-800 (O.D.) 1742	
							Total 1920	

DAILY DIVERSIONS OF CANALS--1956

MINARE CANAL from North Platte River  
Measured through Rating Flume--Sec. 32-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.	
1	19	0	32	84	61	53	
2	18	0	33	82	59	51	
3	18	0	35	26	61	53	
4	10	0	44	14	63	61	
5	0	0	46	14	57	0	
6	0	0	50	10	56	0	
7	0	0	54	12	65	33	
8	0	0	65	11	65	61	
9	0	0	80	12	53	60	
10	0	0	88	11	54	56	
11	0	0	92	7	58	61	
12	0	0	47	33	56	66	
13	0	0	0	0	63	63	
14	0	0	6	0	75	64	
15	0	3	42	9	88	64	
16	0	22	54	72	95	67	
17	0	24	50	92	85	67	
18	0	35	51	89	80	63	
19	0	40	55	94	92	59	
20	0	45	53	87	85	54	
21	0	53	50	84	61	51	
22	0	58	44	88	54	48	
23	0	54	73	98	63	46	
24	0	60	89	106	75	53	
25	0	70	80	94	75	62	
26	0	43	86	82	58	60	
27	0	29	81	75	56	59	
28	0	20	79	71	61	58	
29	0	10	78	68	59	57	
30	0	15	79	66	55	58	
31	0	14	-	61	57	-	
Mean	2	19	58	53	66	54	
Max.	19	70	92	106	95	67	
Min.	0	0	0	0	53	0	
A. F.	130	1180	3420	3260	4060	3190	
Water diverted	15240 A.F.					Acres reported	D-919 9372

\*Does not include optional diversion acreage.

DAILY DIVERSIONS OF CANALS--1956

MIRAGE FLATS CANAL from Niobrara River  
Measured through Parshall Flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	60	120	107	59
2	0	60	119	110	49
3	0	60	3	109	39
4	0	59	0	105	39
5	0	59	0	105	36
6	0	54	0	101	32
7	0	41	19	100	28
8	0	30	67	100	27
9	0	33	75	106	25
10	0	1	105	96	33
11	0	0	128	93	39
12	0	0	152	92	39
13	0	0	150	89	37
14	0	0	141	89	37
15	0	8	140	93	45
16	0	32	138	95	44
17	0	32	136	93	50
18	0	54	128	83	48
19	0	53	120	78	39
20	0	53	113	71	5
21	0	62	105	56	0
22	0	64	104	46	0
23	0	64	100	39	0
24	0	64	97	32	0
25	35	64	102	30	0
26	53	75	108	32	0
27	56	83	115	45	0
28	60	95	112	38	0
29	60	109	111	67	0
30	59	119	115	67	0
31	60	---	110	67	---
Mean	12	50	98	79	25
Max.	60	119	152	110	59
Min.	0	0	0	30	0
A. F.	760	2950	6020	4870	1490
Water diverted	16090 A.F.				Acres reported
					A-268 9312
					A-3729 2138
					Total 11640
					Box Butte Reservoir Storage included

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	102	0	208	207	0	130
2	103	0	212	246	0	132
3	102	0	195	148	0	43
4	101	0	195	67	0	0
5	98	0	199	46	0	0
6	100	0	195	144	0	0
7	103	0	198	190	153	0
8	103	0	195	181	151	101
9	101	0	195	181	152	34
10	97	0	195	155	151	0
11	96	0	195	195	149	0
12	95	0	195	195	149	0
13	96	0	195	195	37	0
14	96	0	195	51	0	0
15	97	0	195	0	0	0
16	97	0	195	0	0	0
17	98	0	195	0	0	0
18	98	0	195	0	0	0
19	98	0	195	0	0	0
20	96	0	195	0	0	0
21	96	96	195	0	0	0
22	97	130	196	0	0	0
23	98	145	192	107	0	0
24	96	172	195	138	0	0
25	96	195	195	151	0	0
26	97	202	196	152	0	0
27	97	212	195	152	0	0
28	93	208	195	154	0	0
29	92	212	195	155	116	0
30	90	204	190	38	152	0
31	90	109	---	0	148	---
Mean	97	64	196	105	44	15
Max.	103	212	212	246	153	132
Min.	90	0	192	0	0	0
A. F.	5990	3920	11680	6440	2700	870
Water diverted	31600 A.F.				Acres reported	D-1052 13633

DAILY DIVERSIONS OF CANALS—1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	102	0	315	392	166	238
2	103	0	267	354	150	241
3	102	0	232	148	155	182
4	101	0	230	67	140	142
5	98	0	250	46	135	140
6	100	0	239	144	117	139
7	103	0	250	190	307	139
8	103	0	241	181	302	126
9	101	0	242	181	305	34
10	97	0	241	155	301	0
11	96	0	238	205	299	0
12	95	0	233	242	298	0
13	96	0	234	301	187	0
14	96	0	233	235	156	0
15	97	0	228	188	149	0
16	97	0	223	166	143	0
17	98	0	223	169	160	0
18	98	0	230	174	150	0
19	98	0	234	172	146	0
20	96	0	236	172	144	0
21	96	96	236	173	146	0
22	97	130	222	142	127	0
23	98	145	192	251	115	0
24	96	172	206	277	122	0
25	96	218	267	302	120	0
26	97	306	297	303	116	0
27	97	321	338	305	117	0
28	93	316	364	307	115	0
29	92	321	360	311	245	0
30	90	308	377	192	279	0
31	90	301	—	167	272	—
Mean	97	85	256	213	183	46
Max.	103	321	377	392	307	241
Min.	90	0	192	46	115	0
A.F.	5990	5220	15230	13110	11270	2740
Water diverted	53560 A.F.					

DAILY DIVERSIONS OF CANALS—1956

MONTAGUE CANAL from Niobrara River  
Measured through 500 g.p.m. pump—Sec. 28-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	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	0.6	0	0	0
12	0	0.6	0	0	0
13	0	0.6	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	—	0	0	—
Mean	0	0.1	0	0	0
Max.	0	0.6	0	0	0
Min.	0	0	0	0	0
A.F.	0	4.0	0	0	0
Water diverted	4				
Acres reported	A-2266 82				

DAILY DIVERSIONS OF CANALS—1956

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

Date	May	June	July	Aug.	Sept.
1	0	1.8	0.9	0.4	0
2	0	2.6	0.9	0.4	0
3	0	2.1	0.2	0.4	0
4	0	2.1	0	0.4	0
5	0	2.4	0	0.3	0
6	0	2.2	0	0.3	0
7	0	1.4	0	0.3	0
8	0	0.7	0	0.3	0
9	0	0.5	0	0.4	0
10	0	0.1	0.6	0.3	0
11	0	0	1.2	0.2	0
12	0	0	1.0	0.2	0
13	0	0.1	0.8	0.2	0.1
14	0	0.4	0.5	0.2	0.2
15	0	0.5	1.6	0.2	0.2
16	0	0.6	0.7	0.2	0.2
17	0	0.7	0.8	0.2	0.3
18	0	1.7	0.7	0.1	0.3
19	0	1.7	0.6	0.1	0.1
20	0	1.6	0.5	0	0
21	0	0.6	0.5	0	0
22	0	0.4	0.6	0	0
23	0	0.4	0.5	0	0
24	0	0.4	0.3	0	0
25	0	0.4	0.3	0	0
26	0	0.6	0.7	0	0
27	0	0.8	0.9	0.3	0
28	0	0.7	0.8	0.6	0
29	2.5	0.2	0.8	0.3	2.0
30	2.7	0.3	0.8	0	0.7
31	1.8	—	0.8	0	—
Mean	0.2	0.9	0.6	0.2	0.1
Max.	2.7	2.6	1.6	0.6	2.0
Min.	0	0	0	0	0
A.F.	14.0	56.0	36.0	12.0	8.0
Water diverted	130 A.F.				
Acres reported	A-575 32 A-607R 23 A-1086 148 A-3923 42 Total 245				

DAILY DIVERSIONS OF CANALS—1956

MOORE-KAY CANAL from Niobrara River  
Measured through rating flume—Sec. 9-28-53 W.

Date	May	June	July	Aug.	Sept.
1	0	0	5.0	6.0	6.0
2	0	0	6.0	3.1	6.0
3	0	0	6.0	1.0	5.0
4	0	0	6.0	0.9	6.0
5	0	0	6.0	0.9	4.5
6	0	0	5.0	0.9	2.7
7	0	0	4.4	0.9	2.7
8	0	0	4.0	0.9	2.5
9	0	0	4.0	0.4	2.2
10	0	0	4.2	0	2.7
11	0	0	4.0	0	3.5
12	0	0	4.3	0	3.8
13	0	0	4.3	0	3.9
14	0	0	4.6	0	4.0
15	0	0	4.6	0	3.9
16	0	0	4.2	0	6.0
17	0	0	6.0	0	4.6
18	0	0	7.0	0	4.6
19	0	0	8.0	0	5.0
20	0	0	8.0	0	6.0
21	0	0	7.0	0	6.0
22	0	0	7.0	0	7.0
23	0	0	7.0	0	7.0
24	0	0	6.0	1.9	7.0
25	0	5.0	6.0	6.0	6.0
26	0	6.0	5.0	6.0	6.0
27	0	5.0	4.1	6.0	4.5
28	0	4.8	4.0	6.0	5.0
29	0	4.3	4.0	6.0	7.0
30	0	4.2	5.0	6.0	8.0
31	0	—	6.0	6.0	—
Mean	0	1.0	5.4	1.9	5.0
Max.	0	6.0	8.0	6.0	8.0
Min.	0	0	4.0	0	2.2
A.F.	0	58.0	331.0	117.0	296.0
Water diverted	800 A.F.				
Acres reported	A-88-400.				

DAILY DIVERSIONS OF CANALS--1956

NAPONEE CANAL from Republican River  
Measured with Sparling Meter--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	1	4	20	17
2	0	0	4	17	15
3	0	0	3	13	15
4	0	0	2	10	12
5	0	0	2	10	8
6	0	0	4	10	4
7	0	0	6	10	2
8	0	0	6	10	2
9	0	0	8	10	1
10	0	0	12	10	0
11	0	3	14	10	0
12	0	9	17	10	0
13	0	9	21	10	0
14	0	9	23	10	0
15	0	9	23	9	0
16	0	9	23	8	0
17	2	4	24	8	0
18	4	0	22	8	0
19	2	0	19	8	0
20	0	0	19	10	2
21	0	0	19	11	3
22	0	0	19	9	3
23	0	0	19	7	3
24	2	0	19	9	1
25	4	0	20	11	0
26	4	0	20	11	0
27	4	0	21	12	0
28	4	0	22	18	0
29	4	3	22	22	0
30	4	4	22	22	0
31	4	-	22	21	-
Mean	1	2	16	12	3
Max.	4	9	24	22	17
Min.	0	0	2	7	0
A.F.	80	120	950	720	170
Water diverted	2040 A.F.				
	Acreage reported				
	A-4217 1371				
	A-6220 91				
	Total 1462				

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	76	0	75	12	30	71
2	69	0	73	23	38	67
3	67	0	76	70	76	71
4	63	0	75	11	75	75
5	63	0	74	0	72	77
6	67	0	74	0	63	75
7	66	0	75	0	64	70
8	63	8	72	9	66	70
9	60	15	72	33	57	70
10	59	28	75	26	67	69
11	60	37	70	47	63	68
12	60	36	70	75	72	66
13	58	66	75	80	71	69
14	55	66	69	87	63	71
15	64	52	70	68	64	71
16	79	38	28	32	52	71
17	81	24	51	14	62	60
18	80	13	60	14	72	53
19	79	18	65	16	72	70
20	79	73	66	25	90	66
21	78	97	58	28	76	63
22	36	108	60	30	78	61
23	0	71	54	32	79	66
24	0	79	38	33	74	70
25	0	54	28	26	70	58
26	0	27	20	0	76	61
27	0	34	12	0	75	63
28	0	76	11	0	68	66
29	0	81	10	0	64	73
30	0	79	10	0	67	67
31	0	77	-	19	76	-
Mean	47	41	56	26	67	68
Max.	81	108	76	87	90	77
Min.	0	0	10	0	30	53
A.F.	2900	2490	3300	1610	4150	4020
Water diverted	15470 A.F.					
	Acreage reported					
	D-925 5618					
	O.D. Petition 71					
	262					
	Total 5689					

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	0	62	159	164
2	0	17	70	139	163
3	0	69	62	157	162
4	0	68	71	151	147
5	0	53	72	157	143
6	0	34	86	155	140
7	0	37	98	155	122
8	0	40	116	151	0
9	0	39	120	158	0
10	52	42	136	162	0
11	61	42	151	167	0
12	54	42	163	169	0
13	50	44	166	172	0
14	54	52	167	171	0
15	54	51	170	170	0
16	51	55	173	174	0
17	54	45	180	174	0
18	54	42	187	173	0
19	54	33	187	182	0
20	58	36	191	173	0
21	67	44	191	161	0
22	71	54	193	149	0
23	88	48	192	155	0
24	99	42	193	151	0
25	107	46	193	157	0
26	119	52	192	159	0
27	117	51	192	153	0
28	112	50	191	155	0
29	44	56	192	181	0
30	0	57	188	170	0
31	0	-	164	169	-
Mean	46	45	152	162	35
Max.	119	68	193	182	164
Min.	0	0	62	139	0
A.F.	2820	2660	9340	9970	2060
Water diverted	26850 A.F.				
	Acreage reported				
	A-2155 136				
	A-2312 13994				
	A-2417 168				
	A-3821 32				
	A-3839 15				
	A-3846 59				
	A-3892 37				
	A-4207 62				
	A-4400 20				
	A-4430 20				
	A-7800 12				
	Total 14593				

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.	
1	0	0	53	120	99	
2	0	0	49	117	98	
3	0	0	49	120	91	
4	0	0	49	114	93	
5	0	7	48	116	93	
6	0	35	46	114	77	
7	0	24	46	115	23	
8	1	21	45	114	0	
9	3	28	47	110	0	
10	3	28	85	104	0	
11	3	27	100	104	0	
12	3	27	100	105	0	
13	3	26	107	106	0	
14	43	27	114	103	0	
15	33	39	114	95	0	
16	31	40	112	102	0	
17	31	33	105	102	0	
18	36	29	107	104	0	
19	36	23	106	95	0	
20	36	22	108	99	0	
21	34	25	109	94	0	
22	44	30	109	83	0	
23	53	31	104	84	0	
24	58	29	105	86	0	
25	57	29	110	90	0	
26	52	34	110	91	0	
27	56	37	109	94	0	
28	55	39	111	95	0	
29	15	46	110	109	0	
30	0	50	109	106	0	
31	0	--	112	101	--	
Mean	22	26	90	103	19	
Max.	58	50	114	120	98	
Min.	0	0	45	83	0	
A.F.	1360	1560	5530	6330	1140	Acres reported*
Water diverted		15920 A.F.				A-2312 7454
						A-3828 39
						A-5133 52
						A-6943 16
						Total 7561

DAILY DIVERSIONS OF CANALS--1956.

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

Date	May	June	July	Aug.	Sept.	
1	0	0	20	85	59	
2	0	0	20	81	50	
3	0	10	20	79	51	
4	0	23	20	79	49	
5	0	24	20	79	50	
6	0	20	19	79	38	
7	0	8	20	81	25	
8	30	27	24	82	3	
9	36	26	33	83	0	
10	36	25	48	74	0	
11	30	25	65	72	0	
12	28	27	72	74	0	
13	28	26	83	74	0	
14	30	26	88	74	0	
15	37	42	93	72	0	
16	41	44	95	72	0	
17	42	42	94	74	0	
18	47	38	95	72	0	
19	56	36	94	71	0	
20	57	31	94	71	0	
21	57	30	95	70	0	
22	67	29	94	70	0	
23	72	23	88	67	0	
24	72	23	92	68	0	
25	72	24	91	69	0	
26	70	20	94	69	0	
27	67	22	95	71	0	
28	62	23	93	67	0	
29	21	21	94	68	0	
30	0	21	84	68	0	
31	0	--	86	66	--	
Mean	34	25	68	74	11	
Max.	72	44	95	85	59	
Min.	0	0	19	66	0	
A.F.	2100	1460	4210	4520	630	
Water diverted						Acres reported
12920 A.F.						A-2312 6430
						A-4231 26
						Total 6456



DAILY DIVERSIONS OF CANALS--1956  
 NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT  
 TAYLOR-ORD SPILLWAY @ 10.88--Returned to Northloup River  
 Measured Through 8-foot weir--Sec. 33-21-17 W.

Date	May	June	July	Aug.	Sept.
1					
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	26.6	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
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	1.1	0	-
Mean	0.9	0	0	0	0
Max.	26.6	0	1.1	0	0
Min.	0	0	0	0	0
A.F.	53.0	0	2.0	0	0
Water returned 60 A.F.					

Gate record reported by Northloup Public Power & Irrigation District

DAILY DIVERSIONS OF CANALS--1956  
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 TAYLOR-ORD SPILLWAY AT 22.46 returned to North Loup River  
 Measured through 8-foot weir--Sec. 1-20-16 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	1.1	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	10.8	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	3.2	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0.6	0	0	0.0	0
Max.	10.8	0	0	1.1	0
Min.	0	0	0	0	0
A.F.	38	0	0	2	0
Water returned 40 A.F.					

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1956

NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT  
 TAYLOR-OLD SPILLWAY # 29.93--Returned to North Loup River  
 Measured through 8-foot weir--Sec. 35-20-15 W.

Date	May	June	July	Aug.	Sept.
1	0	0	2.4	0	0
2	0	0	0	0	0
3	0	0	1.7	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	8.0	0	0	0
7	0	3.5	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	1.6	0	0	0
24	0	1.7	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0.6	0	0	0
29	19.5	0.8	0	0	0
30	4.7	0	0	0	0
31	0	—	0	0	—
Mean	0.8	0.5	0.1	0	0
Max.	19.5	8.0	2.4	0	0
Min.	0	0	0	0	0
A.F.	48.0	32.0	8.0	0	0

Water returned 90 A.F.  
 Discharge record reported by North Loup Public Power & Irrigation District

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	0	9.4	8.2	6.5
2	0	0	9.4	8.5	6.4
3	0	0	9.7	8.9	5.6
4	0	6.6	3.2	8.9	6.0
5	0	10.5	6.9	8.7	6.2
6	0	10.0	4.5	8.6	7.8
7	0	10.8	2.8	8.3	7.6
8	0	8.6	3.2	6.9	5.6
9	0	9.4	3.6	7.1	0.4
10	0	9.4	3.0	8.9	0
11	0	9.7	0.7	8.1	0
12	0	9.7	1.5	8.3	0
13	9.2	9.7	1.2	8.3	0
14	9.4	9.7	0.2	7.5	0
15	6.0	9.7	0.3	7.4	0
16	6.9	9.7	1.0	6.9	0
17	5.6	10.0	1.5	6.5	0
18	5.9	10.2	2.4	6.9	0
19	6.5	9.4	2.1	7.9	0
20	5.2	2.0	2.3	8.6	0
21	7.3	1.0	2.6	8.9	0
22	3.4	5.6	3.0	9.0	0
23	0	8.7	3.6	9.6	0
24	5.6	9.9	3.8	9.7	0
25	5.5	8.9	5.0	8.5	0
26	3.2	10.3	5.2	8.9	0
27	5.9	10.3	5.3	7.8	0
28	7.4	10.3	6.4	4.5	0
29	8.3	9.9	6.9	2.8	0
30	9.7	9.4	6.1	5.6	0
31	1.3	—	7.3	6.6	—
Mean	3.7	8.0	4.0	7.8	1.7
Max.	9.7	10.8	9.7	9.7	7.8
Min.	0	0	0.2	2.8	0
A.F.	225	475	246	479	103

Water returned 1530 A.F.  
 Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1956  
 NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 TAYLOR-ORD SPILLWAY AT 34.06 returned to North Loup River  
 Measured through 6-foot weir--Sec. 17-19-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	3.2	3.2	0
2	0	0	0	2.0	1.0
3	0	0	1.3	2.6	5.0
4	0	8.3	0	3.9	6.5
5	0	21.2	0	4.6	5.4
6	0	7.7	0	3.9	5.4
7	0	1.3	0	4.6	7.7
8	0	0	0	5.0	4.6
9	0	1.5	1.3	2.3	0
10	0	0.6	0	1.5	0
11	0	5.0	0	2.0	0
12	3.1	3.9	0	3.9	0
13	9.0	3.2	0	4.2	0
14	11.2	3.9	0	1.8	0
15	15.6	3.2	0	0	0
16	15.6	2.9	0	0	0
17	6.1	4.2	0	0	0
18	5.7	5.0	0.8	0.3	0
19	2.6	0	1.8	1.3	0
20	0	0	1.8	4.2	0
21	1.8	0	1.0	6.9	0
22	0	0	1.5	6.5	0
23	0	2.0	2.0	2.9	0
24	3.0	3.6	2.0	0	0
25	1.8	1.8	0.6	0	0
26	0	2.6	1.8	0	0
27	2.5	3.2	1.8	0	0
28	5.7	3.9	2.0	0	0
29	9.4	3.9	2.3	0	0
30	5.7	3.2	2.0	0	0
31	0	—	2.3	0	—
Mean	3.2	3.2	1.0	2.2	1.2
Max.	15.6	21.2	3.2	6.9	7.7
Min.	0	0	0	0	0
A.F.	196	191	58	134	71
Water returned		650 A.F.			

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1956  
 NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT  
 BURWELL-SUMTER SPILLWAY at 8.22--Returned to North Loup River  
 Measured through 8-foot weir--Sec. 10-20-15 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	19.5	0	0	0	0
30	0	0	0	0	0
31	0	—	0	0	—
Mean	0.6	0	0	0	0
Max.	19.5	0	0	0	0
Min.	0	0	0	0	0
A.F.	39.0	0	0	0	0
Water returned					

Discharge record reported by North Loup Public Power & Irrigation District

DAILY DIVERSIONS OF CANALS—1956

NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT  
 BURWELL-SUMTER SPILLWAY at 16.92—Returned to North Loup River  
 Measured through 8-foot weir—Sec. 3-19-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	2.4
6	0	0	0.4	0	0
7	0	0	1.7	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	6.2	0	0	0	0
15	6.2	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	0.4	0	0	0	0
29	16.4	0	0	0	0
30	8.6	0	0	0	0
31	0	-	0	0	-
Mean	1.2	0	0.1	0	0.1
Max.	16.4	0	1.7	0	2.4
Min.	0	0	0	0	0
A. F.	75.0	0	4.0	0	5.0
Water returned					
80 A. F.					

Discharge record reported by North Loup Public Power & Irrigation District

DAILY DIVERSIONS OF CANALS—1956

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

Date	May	June	July	Aug.	Sept.
1	0	0	9.5	0	2.5
2	0	0	10.6	0	6.9
3	0	0	10.0	0	8.5
4	0	0	10.3	0	8.5
5	0	0	11.2	0	5.3
6	0	0	10.8	0	9.9
7	0	9.9	9.0	0	9.4
8	0	9.2	8.1	0	6.1
9	0	6.9	5.4	0.4	0.5
10	0	9.7	0	2.0	0.2
11	0	9.2	2.2	4.4	0.2
12	0	8.6	0.4	5.4	0
13	0	6.5	0	7.6	0
14	0	5.3	0	8.7	0
15	3.4	2.8	0	8.5	0
16	9.4	6.0	0	3.4	0
17	10.2	9.6	0	4.4	0
18	10.0	8.1	0	5.9	0
19	8.6	6.6	0	8.6	0
20	10.0	1.5	0	8.3	0
21	8.3	0.4	0	9.6	0
22	5.4	1.6	0	10.0	0
23	8.3	4.5	0	9.2	0
24	10.6	4.4	0	5.6	0
25	10.6	3.4	0	2.8	0
26	10.6	4.4	0	3.1	0
27	10.5	5.4	0	3.8	0
28	11.2	5.2	0	0.6	0
29	11.2	6.4	0	0	0
30	1.6	8.6	0	0.4	0
31	0.5	—	0	1.0	—
Mean	4.5	4.8	2.8	3.7	2.1
Max.	11.2	9.9	11.2	10.0	9.9
Min.	0	0	0	0	0
A.F.	278	286	174	228	123
Water returned					
1080 A.F.					

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1956

NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT

BURWELL-SUMTER SPILLWAY at 25.04--Returned to North Loup River  
Measured through 5-foot weir--Sec. 17-19-13 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	1.3	0
2	0	0	0.5	1.5	0
3	0	0	0	0.5	1.1
4	0	0	0	2.2	0
5	0	0	0.8	1.9	0
6	0	0	1.7	0	0
7	0	0.7	0	1.1	0
8	0	0	0	1.5	0
9	0	0	0	0	0
10	0	0.5	0	0.8	0
11	0	0	0.7	4.1	0
12	0	0	0	0	0
13	0	0	0	1.1	0
14	0	0	0	0.8	0
15	1.7	0	0	0	0
16	2.2	0	0	0	0
17	1.1	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	1.5	0
22	0	0	0	0.5	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0.4	0	0	0	0
26	1.3	0	0	0	0
27	0	0	0.3	0	0
28	1.1	0	0	0	0
29	5.8	0	1.1	0	0
30	0	0	0.5	0	0
31	0	0	0	0	0
Mean	0.4	0	0.2	0.6	0
Max.	5.8	0.7	1.7	4.1	1.1
Min.	0	0	0	0	0
A. F.	27.0	2.0	11.0	37.0	2.0

Water returned  
80 A.F.

Discharge record reported by North Loup Public power & Irrigation District

DAILY DIVERSIONS OF CANALS--1956

NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT

ORD-NORTH LOUP SPILLWAY at 4.80--Returned to North Loup River  
Measured through 8-foot weir--Sec. 32-19-13 W.

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

Water Returned  
0 A. F.

Discharge record reported by North Loup Public Power & Irrigation District

DAILY DIVERSIONS OF CANALS--1956

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 ORD-NORTH LOUP SPILLWAY AT 11.71 returned to North Loup River  
 Measured through 8-foot weir--Sec. 27-18-13 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	2.8	0	0	0	0
10	0	0	0	0	0
11	5.6	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	4.4	0	0	0
23	0	1.0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	3.5	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0.4	0.2	0	0	0
Max.	5.6	4.4	0	0	0
Min.	0	0	0	0	0
A.F.	24	11	0	0	0
Water returned	40 A.F.				

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	0.5	9.3	6.9	8.7
2	0	0	9.4	7.3	9.9
3	0	0	9.6	7.5	9.0
4	0	0	7.8	8.3	8.2
5	0	0	9.7	8.7	9.4
6	0	2.5	6.7	8.7	11.5
7	0	4.6	6.9	8.7	8.5
8	0	0.9	7.5	8.7	4.1
9	5.9	6.4	9.4	8.5	0.8
10	14.0	8.6	6.9	8.3	1.0
11	6.5	7.8	4.5	8.3	3.0
12	5.9	7.8	7.8	8.6	0.4
13	4.8	5.9	5.9	8.3	0.1
14	3.6	3.0	4.7	8.1	0
15	1.7	2.1	3.8	7.8	0
16	3.8	2.8	4.7	7.5	0
17	2.7	4.4	4.0	6.1	0
18	1.1	4.0	4.2	4.4	0
19	7.9	6.5	4.0	6.0	0
20	4.5	6.1	4.1	6.5	0
21	3.8	7.8	4.2	7.3	0
22	2.9	9.2	4.7	7.5	0
23	3.1	5.2	5.9	8.2	0
24	4.4	6.6	6.9	8.5	0
25	5.4	5.6	6.6	8.3	0
26	6.6	6.1	6.9	8.1	0
27	7.8	3.8	6.6	7.5	0
28	6.9	8.3	6.6	7.8	0
29	8.6	9.3	6.7	6.4	0
30	1.5	9.9	6.7	6.7	0
31	1.0	-	7.3	8.1	-
Mean	3.7	4.9	6.5	7.7	2.5
Max.	14.0	9.9	9.6	8.7	11.5
Min.	0	0	3.8	4.4	0
A.F.	227	291	399	471	148
Water returned	1540 A.F.				

Discharge record reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1956

NORTH LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1956

	May	June	July	Aug.	Sept.	Total
<b>Diversion:</b>						
Taylor-Ord.....	2820	2660	9340	9970	2060	26850
Burwell-Sunter.....	1360	1560	5530	6330	1140	15920
Ord-North Loup.....	<u>2100</u>	<u>1460</u>	<u>4210</u>	<u>4520</u>	<u>630</u>	<u>12920</u>
<b>Total diversion.....</b>	<b>6280</b>	<b>5680</b>	<b>19080</b>	<b>20820</b>	<b>3830</b>	<b>55690</b>
<b>Return through spillways:</b>						
Taylor-Ord.....	560	700	310	620	170	2360
Burwell-Sunter.....	420	290	190	260	130	1290
Ord-North Loup.....	<u>210</u>	<u>300</u>	<u>400</u>	<u>470</u>	<u>150</u>	<u>1370</u>
<b>Total returned.....</b>	<b>1230</b>	<b>1290</b>	<b>900</b>	<b>1350</b>	<b>450</b>	<b>5220</b>
<b>Net diverted.....</b>	<b>5050</b>	<b>4390</b>	<b>18180</b>	<b>19470</b>	<b>3380</b>	<b>50470</b>

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	51	123	164	243	201
2	0	0	60	115	164	218	201
3	0	0	125	112	123	238	195
4	0	0	126	118	105	228	203
5	0	0	108	122	103	211	204
6	0	0	131	155	134	208	194
7	0	0	136	109	188	232	197
8	0	0	143	103	191	243	201
9	0	0	144	151	188	239	189
10	0	0	145	117	189	241	186
11	0	0	145	139	195	233	204
12	0	0	144	163	197	222	201
13	0	0	148	135	216	221	197
14	0	12	155	148	235	233	191
15	0	34	156	155	238	228	188
16	0	45	149	181	238	233	188
17	0	44	157	51	239	236	188
18	0	45	157	12	221	218	188
19	0	51	157	3	219	207	186
20	0	53	160	5	211	221	185
21	0	64	170	22	211	203	178
22	0	92	174	8	207	191	170
23	0	90	186	4	236	192	160
24	0	64	186	5	241	189	160
25	0	106	189	66	239	192	156
26	0	97	192	130	235	203	162
27	0	103	168	147	236	208	166
28	0	120	151	159	246	214	167
29	0	84	131	164	249	222	162
30	0	54	100	164	249	230	151
31	0	—	105	—	250	208	—
Mean	0	39	144	103	205	220	184
Max.	0	120	192	181	250	243	204
Min.	0	0	51	3	103	189	151
A.F.	0	2300	8820	6120	12610	13500	10950
Water diverted	54300					Acres Reported	
						D-635	14067

DAILY DIVERSIONS OF CANALS--1956

NORTHPORT CANAL from North Platte River  
Measured at Tri-State Headgate--Sec. 10-23-58 W.

Date	May	June	July	Aug.	Sept.
1	0	172	114	213	123
2	0	122	118	212	106
3	0	122	0	206	125
4	0	147	0	199	112
5	0	131	0	205	120
6	0	107	0	202	101
7	0	109	0	205	108
8	0	162	0	213	123
9	0	137	0	163	106
10	0	159	0	156	76
11	0	112	0	192	41
12	0	119	0	202	24
13	0	134	0	199	0
14	0	0	0	205	85
15	0	0	0	178	71
16	0	0	0	159	59
17	0	67	0	124	51
18	0	105	33	143	52
19	0	153	37	156	75
20	0	123	142	143	65
21	0	105	124	119	8
22	46	39	150	112	0
23	119	0	165	155	0
24	152	0	229	155	0
25	204	0	233	134	0
26	198	0	240	139	0
27	104	0	199	141	0
28	107	0	171	132	15
29	209	0	162	108	15
30	212	119	202	71	47
31	208	---	204	100	---
Mean	50	81	81	163	57
Max.	212	172	240	213	125
Min.	0	0	0	71	0
A. F.	3090	4810	5000	10000	3390
Water diverted	26290				

DAILY DIVERSIONS OF CANALS--1956

NORTHPORT CANAL from Drains  
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	88	103	143	180
2	0	93	96	144	182
3	0	97	0	144	178
4	0	96	0	144	176
5	0	96	0	145	183
6	0	96	0	144	189
7	0	98	0	145	193
8	0	93	0	141	193
9	0	92	0	140	194
10	0	94	0	144	192
11	0	95	0	146	190
12	0	95	109	146	184
13	0	89	110	145	180
14	0	84	117	143	175
15	0	0	117	146	168
16	0	0	117	148	168
17	0	59	119	155	161
18	0	74	120	154	157
19	81	86	117	157	157
20	82	100	118	165	157
21	81	99	122	164	156
22	81	98	122	160	154
23	82	0	126	152	153
24	79	0	131	153	155
25	77	96	137	157	152
26	83	99	139	155	154
27	86	98	139	159	152
28	81	97	139	165	151
29	78	97	146	164	152
30	78	98	142	172	120
31	79	---	142	177	---
Mean	34	80	88	152	169
Max.	86	100	146	177	194
Min.	0	0	0	140	120
A. F.	2080	4770	5410	9360	10030
Water diverted	31650				

DAILY DIVERSIONS OF CANALS--1956

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT  
Summary in Acre-feet--1956

Section Township Range	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River	3090	4810	5000	10000	3390	26290
*Sheep Creek	1280	2370	2670	4730	5240	16290
*Akers Draw	210	430	400	730	600	2370
*Tub Springs	470	990	1080	1640	1710	5890
*Spotted Tail, Dry	0	440	750	1400	1230	3820
*Spotted Tail, Wet	120	540	510	860	1250	3280
*Moffat Drain	0	0	0	0	0	0
*Alliance Drain	0	0	0	0	0	0
Total Diversion	5170	9580	10410	19360	13420	57940

Acreage reported  
A-768 16109

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



DAILY DIVERSIONS OF CANALS--1956

ORCHARD-ALFALFA CANAL from Platte River  
Measured through Parshall Flume--Sec. 9-10-24 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	21	0	22	36	65	0
2	21	0	22	51	55	0
3	21	0	22	67	53	0
4	19	0	20	71	51	0
5	17	0	19	77	56	0
6	17	0	18	77	53	0
7	15	0	21	82	51	0
8	14	21	23	86	52	0
9	14	17	23	85	59	0
10	14	8	20	87	47	0
11	15	14	19	85	41	0
12	18	18	20	87	43	0
13	18	21	17	86	46	0
14	18	19	0	89	45	0
15	17	19	0	86	46	5
16	17	16	0	89	40	22
17	17	16	0	81	34	21
18	9	19	2	75	19	20
19	0	22	16	74	0	19
20	0	29	17	75	0	20
21	0	31	6	75	0	18
22	0	23	9	69	0	19
23	0	22	18	67	0	20
24	0	21	21	69	11	19
25	0	25	21	68	18	17
26	0	23	24	70	21	15
27	0	22	32	68	22	14
28	0	23	35	66	21	13
29	0	21	33	67	15	13
30	0	22	33	68	0	13
31	0	22	--	68	0	--
Mean	10	16	18	74	31	9
Max.	21	31	35	89	65	22
Min.	0	0	0	36	0	0
A.F.	600	980	1060	4560	1910	530
Water diverted	Acres reported					
9640 A.F.	D-627 5950					
Sutherland storage included						

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	7	0	0	5	0	0
2	0	7	0	0	5	0	0
3	0	7	0	0	5	0	0
4	0	9	0	0	5	0	0
5	0	10	0	5	4	0	0
6	9	11	0	19	4	0	0
7	15	11	0	15	3	0	0
8	13	11	0	14	3	0	0
9	13	8	0	15	3	0	0
10	13	0	0	13	5	0	0
11	12	0	0	12	2	0	0
12	9	0	0	11	0	0	0
13	8	0	0	10	7	0	0
14	8	0	0	8	10	0	0
15	8	0	0	6	7	0	0
16	8	0	0	5	10	0	0
17	8	0	0	5	11	0	0
18	8	0	0	9	9	0	0
19	8	0	0	11	5	0	0
20	9	0	11	18	3	0	0
21	9	0	7	14	3	0	0
22	9	0	5	11	3	4	0
23	9	0	4	12	2	17	0
24	9	0	3	16	0	21	0
25	9	0	2	12	0	17	0
26	10	0	4	10	0	0	0
27	12	0	5	13	0	0	0
28	12	0	5	8	0	0	0
29	7	0	0	8	0	0	0
30	6	0	0	5	0	0	0
31	6	--	0	--	0	0	0
Mean	8	3	1	10	4	2	1
Max.	15	11	11	19	11	21	2
Min.	0	0	0	0	0	0	0
A. F.	490	160	90	570	230	120	75
Water diverted	Acres reported						
2410 A.F.	D-797 174						

DAILY DIVERSIONS OF CANALS--1956

OMASCO CANAL from Lodgepole  
Creek--Measured through rating  
flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.
1	5	0	3	5	5
2	5	0	3	6	4
3	7	0	14	4	3
4	7	3	12	4	4
5	7	0	7	3	5
6	7	6	6	3	7
7	7	7	6	4	6
8	7	7	9	4	7
9	7	6	6	4	8
10	7	6	6	4	8
11	7	6	6	4	8
12	7	7	6	4	7
13	7	10	5	3	8
14	7	7	6	2	8
15	5	7	7	2	6
16	6	7	7	2	8
17	6	7	7	2	4
18	6	8	5	2	6
19	2	8	6	7	6
20	1	9	7	5	7
21	4	9	1	5	6
22	6	6	2	5	2
23	6	7	2	4	2
24	4	9	3	3	2
25	4	2	3	3	3
26	4	3	4	4	3
27	6	4	4	3	2
28	6	3	4	3	2
29	6	3	6	4	2
30	0	2	3	4	2
31	0	--	3	3	--
Mean	5	5	5	4	5
Max.	7	10	14	7	8
Min.	0	0	1	2	2
A.F.	330	310	340	230	300
Water diverted	Acres reported				
1510 A.F.	D-347E 83				
	A-725 682				
	Total 772				

DAILY DIVERSIONS OF CANALS--1956

PAISLEY CANAL from Blue Creek  
Measured through rating flume--Sec. 6-16-42 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	10	19	0	19	11	0	0	0
2	16	19	0	18	12	0	0	0
3	19	5	0	17	12	0	0	0
4	19	10	0	16	12	4	0	0
5	18	10	0	16	13	17	0	0
6	18	9	0	15	16	18	0	0
7	18	17	0	15	14	18	0	0
8	18	1	0	15	12	13	0	5
9	14	4	0	14	13	16	0	7
10	14	2	0	14	12	14	0	13
11	7	0	1	13	16	15	0	13
12	2	0	8	13	18	15	0	13
13	12	0	11	14	17	16	0	12
14	23	0	14	14	10	17	0	12
15	25	0	16	13	0	19	0	9
16	24	0	18	12	0	13	0	7
17	25	0	21	12	9	10	0	8
18	25	0	21	12	14	15	0	7
19	25	0	22	7	13	15	0	10
20	26	0	21	0	16	13	0	11
21	25	0	21	13	15	11	0	12
22	24	0	22	13	15	8	0	11
23	25	0	22	9	14	9	13	11
24	22	0	21	9	14	1	13	11
25	21	0	19	10	13	0	11	10
26	22	0	18	11	11	0	3	10
27	22	0	18	15	10	0	0	10
28	22	0	21	17	9	0	0	10
29	22	0	21	13	11	0	0	10
30	23	0	20	14	3	0	0	10
31	20	—	—	12	—	0	0	—
Mean	20	3	12	13	12	9	1	8
Max.	26	19	22	19	18	19	13	13
Min.	2	0	0	0	0	0	0	0
A. F.	1200	190	710	800	700	560	80	460

Water diverted  
4700 A.F.

Acres reported  
D-800 815  
A-515 95  
A-1738 400  
Total 1310

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	27	0	24	80	0	79	47
2	39	0	22	85	0	80	0
3	37	0	12	86	54	80	0
4	37	0	21	86	83	27	23
5	41	0	33	86	85	0	45
6	43	0	37	78	75	0	60
7	45	0	50	76	82	0	67
8	45	0	52	51	85	0	82
9	45	0	52	41	84	0	100
10	43	0	55	35	90	0	101
11	26	0	55	36	91	0	99
12	0	0	41	71	90	75	98
13	0	0	44	69	91	99	100
14	0	0	47	27	113	96	87
15	0	0	39	4	105	92	85
16	0	0	38	48	103	0	81
17	0	0	36	0	102	0	80
18	0	0	27	0	100	0	80
19	0	0	26	0	99	0	80
20	0	0	50	21	99	0	75
21	0	0	90	39	98	37	70
22	0	0	98	36	101	92	61
23	0	0	108	38	89	99	45
24	0	0	107	35	75	98	45
25	0	0	108	24	81	98	46
26	0	0	105	66	80	96	60
27	0	8	84	86	79	95	63
28	0	2	80	85	81	82	67
29	0	0	83	80	81	75	70
30	0	17	81	81	80	80	68
31	0	—	78	—	80	82	—
Mean	14	9	58	52	82	50	66
Max.	45	17	108	86	113	99	101
Min.	0	0	12	0	0	0	0
A.F.	850	50	3540	3070	5070	3100	3940

Water diverted  
19620 A.F.  
Kingsley Storage available

Acres reported  
D-653 7358

DAILY DIVERSIONS OF CANALS--1956  
PIONEER CANAL from Niobrara River  
Measured through rating flume--Sec. 36-29-51 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0.0	0.0	7.0	6.0	4.9	4.7
2	0.0	1.4	7.0	6.0	4.9	4.6
3	0.0	3.5	7.0	6.0	4.7	4.6
4	0.0	8.0	7.0	6.0	4.3	4.8
5	0.0	11.0	6.0	8.0	4.2	4.9
6	0.0	11.0	4.4	3.0	3.8	4.9
7	0.0	10.0	4.0	1.0	3.7	4.8
8	0.0	9.0	4.7	3.0	3.8	4.6
9	0.0	10.0	7.0	4.6	4.9	4.4
10	0.0	10.0	8.0	3.4	6.0	4.2
11	0.0	10.0	8.0	3.6	6.0	4.3
12	0.0	11.0	6.0	5.0	7.0	4.3
13	0.0	8.0	3.8	6.0	8.0	4.4
14	0.0	2.9	3.8	4.7	7.0	4.2
15	0.0	7.0	3.4	4.0	4.0	3.8
16	0.0	9.0	2.7	3.8	4.0	4.4
17	0.0	10.0	2.5	4.0	5.0	4.5
18	0.0	11.0	2.6	4.1	6.0	4.3
19	0.0	12.0	2.5	4.2	6.0	4.0
20	3.0	13.0	2.6	4.0	7.0	4.1
21	13.0	13.0	2.7	3.8	7.0	4.1
22	11.0	11.0	2.9	3.8	8.0	4.3
23	9.0	8.0	4.2	3.4	8.0	4.7
24	3.8	9.0	4.5	3.0	8.0	4.3
25	0.0	9.0	5.0	2.8	8.0	4.2
26	0.0	7.0	6.0	4.1	6.0	4.4
27	0.0	12.0	5.0	5.0	6.0	4.6
28	0.0	11.0	4.9	4.7	5.0	4.5
29	0.0	9.0	4.9	4.9	4.9	4.3
30	0.0	9.0	5.0	4.6	4.4	4.5
31	—	7.0	—	4.7	4.5	—
Mean	1.3	9.1	4.8	4.4	5.6	4.4
Max.	13.0	13.0	8.0	8.0	8.0	4.9
Min.	0.0	0.0	2.5	1.0	3.7	3.8
A.F.	79.0	511.0	288.0	268.0	347.0	263.8

Water diverted 1790 A.F.  
Acres reported D442A-500, A3812-55, A4599-15.  
Total 570.

DAILY DIVERSIONS OF CANALS--1956

POTMESILL CANAL from Niobrara River  
Measured through 3' Marshall Flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	7	8	7	7
2	0	7	8	7	7
3	0	7	8	7	7
4	0	7	6	6	7
5	0	7	0	6	7
6	0	7	0	7	7
7	0	7	0	6	7
8	0	7	0	6	7
9	0	7	0	6	7
10	0	7	0	6	6
11	0	8	0	6	6
12	0	8	4	4	6
13	0	7	7	0	6
14	8	7	7	0	6
15	7	7	7	0	6
16	7	7	7	4	6
17	7	7	7	6	6
18	6	8	7	6	6
19	7	8	7	6	7
20	7	8	7	6	3
21	7	8	7	6	0
22	7	8	7	6	0
23	7	8	7	6	0
24	6	8	7	6	0
25	7	8	7	6	0
26	7	8	7	6	0
27	7	8	7	7	0
28	7	7	7	6	0
29	7	5	7	7	0
30	7	8	7	7	0
31	7	-	7	7	-
Mean	4	7	5	5	4
Max.	8	8	8	7	7
Min.	0	5	0	0	0
A.F.	248	438	331	341	252
Water diverted	1610 A.F.				
	Acreage reported A-2566 473				

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	20	22	14
2	5	0	0	26	22	15
3	5	0	0	36	22	14
4	5	0	0	28	20	15
5	3	0	0	25	19	15
6	2	0	0	15	20	15
7	2	0	0	4	21	16
8	2	0	0	2	23	17
9	2	0	0	2	22	14
10	2	0	0	1	19	11
11	2	0	22	1	20	13
12	2	0	22	7	15	15
13	1	0	22	21	11	15
14	0	0	24	21	5	15
15	0	0	4	20	3	15
16	0	0	3	21	14	15
17	0	0	2	22	13	15
18	0	0	6	26	14	17
19	0	0	25	22	14	18
20	0	0	25	21	13	19
21	0	0	24	21	12	19
22	0	0	24	22	12	20
23	0	0	23	24	11	20
24	0	0	22	22	9	21
25	0	0	21	21	9	22
26	0	0	21	22	9	22
27	0	0	21	22	8	22
28	0	0	18	22	11	22
29	0	0	17	24	14	23
30	0	0	18	25	15	22
31	0	0	-	24	15	-
Mean	1	0	12	19	15	17
Max.	10	0	25	36	23	23
Min.	0	0	0	1	3	11
A. F.	90	0	720	1170	910	1020
Water diverted	3910 A.F.					
	Acreage reported D-945 1652					

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	9	-	-	5	8
2	-	-	-	-	-
3	-	-	0	10	7
4	-	10	0	-	-
5	-	11	-	-	8
6	-	8	-	-	-
7	-	-	6	7	-
8	-	-	-	6	7
9	-	-	10	5	-
10	-	-	10	5	8
11	-	-	-	-	-
12	-	7	-	-	7
13	-	6	-	-	-
14	9	6	10	7	7
15	-	6	-	-	-
16	-	0	9	7	-
17	-	-	-	8	8
18	-	0	10	-	-
19	-	-	-	-	0
20	-	-	-	6	0
21	13	-	9	6	0
22	13	0	-	6	-
23	-	-	10	-	-
24	-	-	-	7	0
25	-	0	10	-	-
26	8	0	9	-	-
27	-	-	-	7	-
28	-	-	10	-	0
29	8	-	-	7	-
30	-	0	9	-	-
31	10	-	-	6	-
Notes:	Record from intermittent readings by gage observer.				
	Acreage reported				
	D-18 359				
	A-1624 120				
	Total 529				
Supplemental storage available					

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	3	2	0	0
2	0	3	2	0	0
3	0	3	2	0	1
4	0	2	2	2	0
5	0	2	1	2	0
6	0	2	1	3	1
7	0	3	1	3	1
8	0	1	2	3	1
9	0	1	2	3	1
10	0	1	2	3	1
11	0	1	1	3	0
12	0	1	1	3	2
13	0	0	1	3	2
14	0	1	1	3	3
15	0	1	1	3	3
16	0	1	1	3	3
17	0	1	1	3	2
18	0	1	1	3	2
19	0	1	2	3	2
20	0	0	2	3	2
21	0	1	1	2	2
22	0	1	1	2	2
23	0	2	2	2	2
24	3	1	4	2	2
25	3	1	2	2	2
26	3	2	2	2	2
27	3	1	2	2	4
28	2	1	2	2	3
29	3	2	2	1	3
30	2	2	2	1	2
31	2	-	0	1	-
Mean	1	1	2	2	2
Max.	3	3	4	3	4
Min.	0	0	0	0	0
A.F.	40	90	100	130	100
Water diverted	460 A.F.				
	Acreage reported				
	D-350R 22				
	A-727 35				
	A-807 26				
	A-806 26				
	Total 109				

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

Date	May	June	July	Aug.	Sept.
1	0	2	3	0	2
2	0	3	2	0	2
3	0	2	2	0	0
4	0	2	3	0	0
5	0	1	2	0	0
6	0	1	0	0	0
7	0	3	0	0	3
8	0	5	0	0	3
9	0	3	2	0	2
10	0	4	2	0	2
11	0	2	1	0	2
12	0	2	1	0	2
13	0	3	1	3	2
14	0	3	1	3	2
15	0	3	1	3	2
16	0	3	1	3	2
17	0	3	1	2	2
18	0	3	1	2	1
19	0	3	1	3	1
20	0	2	1	3	3
21	0	2	1	3	1
22	0	2	1	3	2
23	0	1	1	2	2
24	4	0	1	3	2
25	4	4	1	3	2
26	5	4	1	2	1
27	5	4	1	3	2
28	5	3	1	5	2
29	2	3	1	2	2
30	2	3	0	2	2
31	2	-	0	2	-
Mean	1	3	1	2	2
Max.	5	5	3	5	3
Min.	0	0	0	0	0
A.F.	60	160	70	100	100
Water diverted	490 A.F.				
	Acreage reported				
	D-345 145				
	E-350 34				
	A-7128 14				
	A-1828 14				
	Total 258				

DAILY DIVERSIONS OF CANALS--1956

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

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

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

Date	May	June	July	Aug.	Sept.
1	7	7	7	8	8
2	7	7	7	8	8
3	7	7	7	8	8
4	7	7	7	8	8
5	7	7	8	9	8
6	7	7	8	9	8
7	7	6	8	9	8
8	7	6	8	10	8
9	7	6	8	11	8
10	7	6	9	11	8
11	7	6	9	11	8
12	7	6	9	10	8
13	8	6	9	10	8
14	8	6	9	9	8
15	8	6	9	9	8
16	8	6	8	8	8
17	8	7	8	8	8
18	8	7	8	8	8
19	8	7	8	8	8
20	8	7	8	8	8
21	8	7	8	8	8
22	8	7	8	8	8
23	8	7	7	8	8
24	8	7	7	8	8
25	8	7	7	8	9
26	8	7	7	8	9
27	8	7	7	8	9
28	8	7	7	8	9
29	7	7	7	8	9
30	7	7	7	8	9
31	7	-	7	8	-
Mean	8	7	8	9	8
Max.	8	7	9	11	9
Min.	7	6	7	8	8
A.F.	460	400	480	530	490
Water diverted	2360 A.F.				

DAILY DIVERSIONS OF CANALS--1956

SHERIDAN-WILSON DIVERSION  
Summary in Acre--feet--1956

	May	June	July	Aug.	Sept.	Total
<b>Diversion:</b>						
North Platte River	0	0	0	0	0	0
Sarben Slough	460	400	480	530	490	2360
<b>Total diversion</b>	<b>460</b>	<b>400</b>	<b>480</b>	<b>530</b>	<b>490</b>	<b>2360</b>
<b>Water diverted</b>					<b>Acreage reported</b>	
<b>2360 A.F.</b>					<b>D-716</b>	<b>918</b>

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	32	24	25
2	0	0	0	11	23	24
3	0	0	0	0	26	24
4	0	0	0	0	27	24
5	0	0	0	0	28	25
6	0	0	0	0	29	20
7	0	0	0	0	29	19
8	0	0	25	0	30	21
9	0	0	36	0	29	22
10	0	0	38	0	33	25
11	0	0	42	0	36	25
12	0	0	39	0	35	26
13	0	0	38	6	37	28
14	0	0	39	23	37	30
15	0	0	15	27	37	30
16	0	0	30	32	39	30
17	0	0	35	36	29	29
18	0	0	37	35	24	30
19	0	0	34	34	20	30
20	0	0	32	34	19	30
21	0	0	30	36	18	32
22	0	0	28	38	15	38
23	0	0	30	50	12	34
24	0	0	35	45	15	34
25	0	0	28	47	17	33
26	0	0	32	0	22	30
27	0	0	31	0	19	28
28	0	0	30	0	19	28
29	0	0	29	16	19	30
30	0	0	34	25	21	28
31	0	0	—	23	22	—
Mean	0	0	25	18	25	28
Max.	10	0	42	50	39	38
Min.	0	0	0	0	12	19
A.F.	20	0	1480	1090	1570	1650
<b>Water diverted</b>					<b>Acreage reported</b>	
<b>5810 A.F.</b>					<b>D-946</b>	<b>2752</b>

DAILY DIVERSIONS OF CANALS--1956

SID HILL CANAL from North Platte River  
Measured through rating flume--Sec. 18-11-23 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	16	5
2	0	0	7	12	2
3	0	0	8	14	6
4	0	0	8	11	6
5	0	0	18	14	7
6	0	0	12	23	7
7	0	0	19	19	7
8	0	0	15	19	3
9	0	0	10	13	4
10	0	0	5	0	4
11	0	0	7	2	4
12	0	0	7	1	4
13	0	0	10	1	6
14	0	0	13	2	4
15	0	0	13	4	4
16	0	0	15	3	4
17	0	0	16	7	4
18	0	0	17	3	4
19	0	0	16	5	3
20	0	4	15	5	2
21	0	5	16	3	1
22	0	1	17	0	0
23	0	1	17	0	0
24	0	0	18	0	0
25	0	0	11	0	0
26	0	0	13	0	0
27	0	0	15	0	0
28	0	0	14	0	0
29	0	0	14	0	0
30	0	0	14	0	0
31	0	—	15	0	0
Mean	0	1	17	0	0
Max.	0	6	18	24	7
Min.	0	0	0	0	0
A.F.	0	30	750	390	280
<b>Water diverted</b>				<b>Acreage reported</b>	
<b>1450 A.F.</b>				<b>D-630</b>	<b>1173</b>



DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1710	1110	825	567	423	474	206	1200	1430	1980	1560	1370
2	1540	1110	811	525	427	470	228	1190	1430	1990	1450	1380
3	1370	1110	811	504	428	474	327	1190	1420	1970	150	1390
4	1290	1120	813	498	448	469	361	1170	1440	1970	30	1380
5	1220	1090	816	497	460	470	536	1230	1440	2000	125	1380
6	1180	1090	816	491	463	462	566	1180	1440	2040	285	1350
7	1200	1100	816	492	459	412	543	1200	1500	2040	540	1310
8	1220	1100	814	491	462	327	525	1200	1520	2040	874	1240
9	1200	1100	818	488	464	266	542	1190	1500	2040	1190	1240
10	1190	1090	818	485	460	261	627	1200	1400	2030	1450	1280
11	1160	1100	818	483	463	244	786	1180	1360	2030	1740	1460
12	1170	1110	820	480	463	240	809	1180	1400	1990	1990	1520
13	1180	1110	822	478	463	235	840	1200	1460	1980	2040	1520
14	1190	1120	827	478	464	239	948	1180	1580	1970	1990	1520
15	1190	1120	827	469	470	242	1030	1180	1720	1970	1810	1520
16	1190	1080	829	468	470	238	1020	1170	1730	1960	1750	1510
17	1190	1100	822	465	467	230	1010	1120	1800	1960	1770	1520
18	1190	1130	822	445	467	213	1010	1040	1800	1950	1770	1520
19	1160	1120	836	441	467	209	1040	940	1800	1950	1780	1540
20	1080	1120	832	431	467	217	1130	782	1730	1930	1770	1540
21	1080	1120	822	431	467	215	1170	786	1790	1920	1720	1430
22	1090	1130	820	432	469	214	1180	786	1790	1920	1560	1280
23	1100	1120	773	432	467	212	1180	787	1790	1910	1590	1080
24	1090	1120	757	432	469	211	1190	791	1860	1910	1520	850
25	1100	1120	727	430	470	212	1230	796	1990	1900	1460	611
26	1100	1120	723	431	462	208	1220	908	2010	1890	1450	426
27	1110	1120	723	428	473	225	1200	1000	2010	1880	1440	243
28	1100	1080	710	427	470	216	1210	1100	1990	1880	1370	177
29	1100	964	711	427	467	169	1190	1230	1990	1880	1330	360
30	1110	892	674	426	---	193	1190	1320	1980	1870	1280	425
31	1120	---	582	427	---	204	---	1410	---	1740	1290	---
Mean	1191	1097	788	464	461	280	868	1091	1672	1951	1357	1179
Max.	1710	1130	836	567	473	474	1230	1410	2010	2040	2040	1540
Min.	1080	892	582	426	423	169	206	782	1360	1740	30	177
A.F.	73230	65290	48470	28560	26520	17200	51660	67110	99490	119980	83430	10140
Water diverted	751080 A.F.											

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	8	73	157	132	240	80	43	42	14	6	0
2	0	18	92	157	69	236	80	43	40	72	9	0
3	0	15	84	146	92	230	80	40	39	83	10	0
4	0	18	45	141	100	228	98	39	34	53	10	0
5	0	6	30	137	106	226	102	39	33	49	10	0
6	0	4	49	132	115	222	89	38	40	46	10	0
7	0	5	61	124	132	216	67	34	48	28	10	0
8	0	6	82	124	148	207	66	33	51	26	8	0
9	0	6	92	141	162	201	62	33	58	24	7	0
10	0	16	100	141	185	191	61	33	42	25	6	0
11	0	13	104	130	203	132	60	33	39	25	6	0
12	0	17	113	127	207	144	58	32	39	25	4	0
13	0	21	122	124	232	175	58	32	33	25	6	0
14	0	21	148	125	232	207	60	32	26	22	8	0
15	0	29	127	102	218	175	56	33	21	18	5	0
16	0	15	115	66	222	205	53	31	21	13	4	0
17	0	10	102	45	179	172	51	29	28	13	4	0
18	0	24	106	43	195	166	51	28	50	13	4	0
19	0	38	94	62	166	164	52	28	57	14	8	0
20	0	51	101	79	175	162	38	29	79	13	11	0
21	0	86	102	100	199	160	36	29	58	12	12	0
22	0	89	113	107	232	162	45	31	43	12	10	0
23	0	98	142	122	292	164	52	27	38	10	8	0
24	0	101	158	132	308	146	54	24	33	8	8	0
25	0	101	162	139	298	117	51	25	24	10	6	0
26	0	110	175	157	303	100	50	26	19	14	6	0
27	0	100	183	168	258	90	42	28	19	13	4	0
28	0	62	175	179	251	82	44	57	15	12	4	0
29	0	33	157	187	247	98	44	70	14	11	3	0
30	0	92	144	185	---	94	44	56	14	9	2	0
31	0	---	149	168	---	80	---	50	---	8	2	0
Mean	0	40	113	127	195	167	59	36	36	23	7	0
Max.	0	110	183	187	308	240	102	70	79	83	12	0
Min.	0	4	30	43	69	80	36	24	14	3	2	0
A.F.	0	2410	6940	7830	11200	10300	3540	2190	2160	1430	420	0
Water diverted	48420											

**DAILY DIVERSIONS OF CANALS--1956**  
**SUTHERLAND POWER RETURN To the River at North Platte**  
 Measured through power wheels--Sec. 21-13-20 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	599	643	555	358	587	323	236	945	940	836	1854	1260
2	494	553	438	385	538	290	392	941	953	1053	1640	1226
3	626	467	601	370	550	292	410	898	944	1299	1355	1329
4	585	382	468	336	536	208	401	901	892	1240	1217	1340
5	549	446	542	318	485	295	403	879	1005	1266	1250	1442
6	437	438	531	315	456	312	391	857	841	1253	1341	1598
7	612	663	546	442	382	305	401	866	827	1396	1249	1522
8	631	546	515	357	392	304	298	850	828	1482	1418	1591
9	633	582	561	410	404	275	368	1006	819	1488	1417	1505
10	735	535	544	371	384	270	491	893	771	1470	1347	1617
11	837	557	442	361	360	258	536	898	953	1611	1325	1549
12	809	505	532	340	348	289	574	951	1107	1648	1262	1371
13	903	440	594	356	420	339	552	873	1194	1670	1434	1157
14	955	579	535	373	322	270	601	968	1517	1724	1425	1066
15	953	448	625	353	366	270	523	963	1627	1694	1501	1056
16	934	515	599	492	452	267	575	946	1685	1733	1458	1048
17	957	594	599	508	422	237	553	964	270	1432	1500	1090
18	870	579	569	599	397	161	604	955	1283	1217	1323	1198
19	876	568	677	522	348	219	706	974	843	1156	1351	1192
20	725	472	536	563	374	249	833	1074	891	1260	1383	1325
21	707	519	548	494	374	246	911	1145	1167	1426	1133	1381
22	724	439	578	428	345	241	743	1221	1185	1429	1176	1225
23	676	462	461	482	316	234	873	1430	1218	1629	1331	1048
24	710	396	514	481	331	209	880	1392	1067	1567	1267	991
25	712	392	443	463	295	141	829	1263	1228	1611	1353	943
26	634	377	500	451	329	275	840	1416	1231	1694	1257	801
27	671	419	494	428	324	226	986	1337	1221	1794	1468	506
28	638	587	377	447	305	271	937	1265	1348	1870	1377	65
29	522	530	376	381	308	271	860	1025	816	1796	1316	28
30	429	581	410	505	---	267	920	996	843	1872	1258	27
31	719	---	381	551	---	280	---	965	---	1763	1267	---
Mean	710	507	519	427	395	261	617	1034	1050	1496	1363	1125
Max.	957	663	677	599	587	339	920	1430	1685	1872	1854	1617
Min.	429	377	376	315	295	141	236	850	270	836	1133	27
A.F.	43660	30180	31920	26260	22710	16050	36690	63580	62510	91990	83810	66960

Water returned  
57620 A.F.

**DAILY DIVERSIONS OF CANALS--1956**

**THIRTY MILE CANAL from Platte River**  
 Measured through rating flume--Sec. 31-12-26 W.

Date	May	June	July	Aug.	Sept.	Oct.	Nov.
1	0	125	250	305	2	8	91
2	0	94	320	305	2	8	94
3	0	80	322	309	2	8	73
4	0	80	320	100	2	8	77
5	0	80	303	0	2	8	70
6	0	80	324	0	2	8	64
7	0	84	315	0	2	8	62
8	0	84	324	0	4	8	63
9	0	84	324	132	4	36	62
10	72	95	309	167	4	93	63
11	85	123	295	155	3	99	62
12	79	109	295	159	3	86	65
13	74	63	297	157	2	30	63
14	71	10	283	165	2	53	30
15	74	10	289	190	3	83	0
16	75	10	283	204	2	78	0
17	76	8	313	209	3	79	0
18	76	56	303	217	2	86	0
19	112	159	287	215	2	87	0
20	123	159	291	206	2	71	0
21	126	162	293	204	2	74	0
22	123	110	263	204	2	102	0
23	122	113	209	82	2	113	0
24	109	120	257	10	2	112	0
25	116	129	309	10	2	110	0
26	122	185	307	9	2	99	0
27	126	218	309	6	3	81	0
28	125	217	309	3	4	91	0
29	125	215	311	3	4	99	0
30	120	218	307	2	2	95	0
31	119	---	305	2	---	94	---
Mean	73	109	298	120	2	65	31
Max.	126	218	324	309	4	113	94
Min.	0	8	209	0	2	8	0
A.F.	4460	6510	18300	7400	150	4000	1860
Water diverted	42680 A.F.						
Sutherland storage included							Acres reported
							A-1853 19163
							A-2077 320
							A-1976 1497
							Total 22980



DAILY DIVERSIONS OF CANALS--1956  
 TRI-COUNTY CANAL from Platte River for Power and Irrigation  
 Measured through 30-foot Parshall flume--Sec. 28-13-29 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1040	1100	1030	940	735	930	735	1520	1200	1750	2090	1600
2	1020	1030	967	922	788	914	810	1380	1270	1890	2080	1590
3	1110	1020	730	984	866	882	914	1420	1260	1910	2040	1490
4	1090	908	654	900	966	836	893	1350	1130	2020	2080	1520
5	976	943	730	892	1020	877	976	1340	1300	1980	2060	1670
6	950	896	894	892	1060	900	979	1310	1380	1940	2070	1840
7	988	1120	1050	894	929	855	898	1320	1340	2020	2020	1780
8	1040	1050	1090	917	898	901	789	1320	1280	2010	2030	1830
9	1070	986	862	906	922	840	896	1270	1220	2020	2110	1830
10	1160	1040	1020	909	933	836	960	1380	1110	1970	2010	1870
11	1250	1080	956	934	930	609	941	1310	1170	2040	2110	1770
12	1120	1120	1060	935	938	718	989	1330	1250	2040	2120	1740
13	1360	982	1060	903	922	845	977	1250	1350	2000	2110	1490
14	1410	1140	992	887	930	807	991	1360	1580	2080	2060	1330
15	1400	754	695	675	796	830	1000	1350	1720	2080	2100	1390
16	1380	613	993	624	775	903	925	1240	1930	2080	2100	1380
17	1390	762	949	747	852	787	978	1280	1740	2040	2080	1400
18	1370	969	818	871	876	745	934	1280	1850	2090	2110	1400
19	1250	1070	837	836	864	766	1060	1260	1780	2090	2090	1500
20	1190	1130	810	1040	921	749	1190	1310	1770	2010	2100	1560
21	1160	1160	924	978	946	714	1240	1390	1900	2070	2060	1610
22	1110	1140	1020	982	873	754	1240	1540	1710	2080	2060	1620
23	1110	992	1060	992	949	740	1260	1480	1780	2080	2080	1400
24	1260	962	1060	986	922	727	1400	1610	1520	2020	1800	1530
25	1190	982	1020	952	869	587	1310	1530	1640	2060	1850	1580
26	1050	878	1040	967	938	765	1280	1640	1540	2070	1770	1750
27	1200	864	1060	987	925	761	1290	1670	1690	2020	1810	1610
28	1060	710	960	945	913	698	1350	1800	1840	2060	1710	1440
29	970	894	940	933	882	710	1360	1540	1660	2080	1690	1470
30	901	978	953	968	---	715	1430	1480	1690	2080	1570	1560
31	1150	---	910	957	---	719	---	1400	---	2020	1440	---
Mean	1152	976	940	911	901	788	1066	1408	1520	2023	1981	1588
Max.	1410	1160	1090	1040	1060	930	1430	1800	1930	2090	2120	1870
Min.	901	613	654	624	735	587	735	1240	1110	1750	1440	1330
A.F.	70860	58060	57800	56040	51840	48440	63460	86600	90450	124360	121800	94470

Water diverted 924180 A.F.      Acreage reported A-2355 & A-3476--164117.      Storage only A-3476--37918, A-3620--3119, A-3823--3262, A-4656--12423, A-5278--7279.      Total 228118.

DAILY DIVERSIONS OF CANALS--1956

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	420	612	725	837	755	680	730	171	17	61	170	30
2	484	767	682	812	870	760	757	171	94	71	142	26
3	543	662	652	688	885	761	659	116	10	14	134	30
4	535	691	670	726	860	787	682	104	15	22	114	30
5	559	664	702	746	833	800	604	77	83	18	118	42
6	640	706	635	722	780	804	583	89	108	26	118	26
7	574	918	660	745	777	848	430	60	85	14	94	14
8	536	778	582	750	765	826	595	85	47	22	90	18
9	519	720	622	720	810	749	597	136	20	30	90	12
10	543	658	600	743	794	762	625	131	23	54	70	12
11	530	681	685	730	800	787	555	68	35	42	42	22
12	489	690	645	711	820	777	567	52	10	86	14	30
13	518	800	560	672	800	815	508	14	10	138	12	30
14	553	647	580	707	670	771	526	48	10	166	12	54
15	586	610	691	780	732	777	520	50	10	203	30	30
16	583	750	690	749	872	799	506	30	10	215	62	38
17	607	670	721	725	820	743	532	56	10	186	42	34
18	537	714	700	750	710	782	577	36	10	146	14	34
19	488	651	740	840	654	777	486	18	11	146	12	42
20	582	675	720	820	630	722	338	26	10	94	12	54
21	580	590	680	636	685	755	343	36	10	26	10	66
22	651	563	684	702	653	749	213	81	10	90	10	82
23	628	662	591	640	641	782	292	43	10	178	10	86
24	560	585	603	660	692	711	347	16	10	186	10	82
25	628	632	610	629	642	771	299	28	10	207	10	74
26	594	630	640	630	710	831	315	18	10	227	18	74
27	740	690	590	656	692	727	222	24	10	166	62	94
28	757	812	650	710	635	767	233	10	10	170	38	94
29	781	723	630	730	702	765	213	10	10	182	30	94
30	811	688	617	791	---	826	209	10	10	203	38	86
31	776	---	619	760	---	799	---	10	---	182	38	---
Mean	591	688	651	726	748	775	469	59	24	115	54	48
Max.	811	918	740	840	885	848	757	171	108	227	170	94
Min.	420	563	560	629	630	680	209	10	10	14	10	12
A.F.	36350	40940	40020	44660	43020	47620	27890	3620	1440	7080	3300	2860

Water returned 298800 A.F.

**DAILY DIVERSIONS OF CANALS--1956**  
**TRI-COUNTY CANAL, JEFFREY POWER RETURN to Platte River**  
 Measured through Parshall Flume--Sec. 36-12-27 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	153	57	0	0	0	0	0	41	235	545	46	284
2	205	53	0	0	0	0	0	4	252	653	24	250
3	218	17	0	0	0	0	0	10	196	636	100	233
4	225	23	0	0	0	0	0	42	172	276	52	240
5	225	19	0	0	0	0	0	42	174	266	140	220
6	225	13	0	0	0	0	0	42	147	243	179	258
7	225	12	0	0	0	0	0	43	153	310	133	218
8	223	12	0	0	0	0	0	58	225	508	216	171
9	288	11	0	0	0	0	0	83	268	500	288	201
10	327	12	0	0	0	0	0	115	306	462	310	203
11	327	0	0	0	0	0	0	182	419	542	105	203
12	282	0	0	0	0	0	0	182	416	392	162	177
13	246	0	0	0	0	0	0	180	399	423	144	199
14	210	0	0	0	0	0	0	179	339	348	177	199
15	163	0	0	0	0	0	0	180	320	274	346	246
16	127	0	0	0	0	0	0	179	298	274	414	296
17	109	0	0	0	0	0	0	179	0	165	423	284
18	87	0	0	0	0	0	0	180	0	8	340	256
19	78	0	0	0	0	0	0	203	0	154	472	220
20	13	0	0	0	0	0	0	229	0	180	310	235
21	37	0	0	0	0	0	0	256	0	183	98	252
22	87	0	0	0	0	0	0	274	0	222	93	192
23	115	0	0	0	0	0	0	276	0	189	144	231
24	115	0	0	0	0	0	0	218	0	87	150	254
25	105	0	0	0	0	0	0	175	97	174	187	254
26	82	0	0	0	0	0	0	177	312	242	318	191
27	27	0	0	0	0	0	48	177	475	159	335	244
28	53	0	0	0	0	0	91	175	520	21	329	254
29	69	0	0	0	0	0	89	175	482	140	286	254
30	62	0	0	0	-	0	75	171	472	93	278	254
31	58	-	0	0	-	0	-	174	-	70	300	-
Mean	154	8	0	0	0	0	10	148	223	284	221	232
Max.	327	57	0	0	0	0	91	276	520	653	472	296
Min.	13	0	0	0	0	0	0	4	0	8	24	171
A.F.	9450	450	0	0	0	0	600	9130	13240	17460	13580	12830

Water returned  
77740 A.F.

**DAILY DIVERSIONS OF CANALS--1956**  
**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	72	502	922	732
2	0	152	719	933	638
3	0	156	470	914	653
4	0	118	300	936	649
5	78	119	269	940	616
6	133	273	288	928	598
7	128	602	290	910	567
8	124	712	239	877	518
9	119	828	210	957	562
10	119	856	176	1004	580
11	128	903	144	948	579
12	141	817	192	923	568
13	146	773	454	936	564
14	151	814	727	870	465
15	194	602	960	822	493
16	641	397	1080	866	480
17	841	236	1120	966	474
18	907	149	1082	947	464
19	960	67	1008	914	453
20	970	67	888	932	425
21	874	56	981	931	456
22	847	102	990	923	448
23	537	127	950	865	435
24	177	127	871	855	426
25	25	231	902	871	408
26	0	300	915	826	397
27	165	340	941	719	394
28	201	274	949	677	368
29	94	274	968	657	354
30	93	174	918	761	284
31	42	---	926	769	---
Mean	285	357	691	881	503
Max.	970	903	1120	1004	732
Min.	0	56	144	657	284
A. F.	17520	21260	42500	54150	29910

Water diverted 165340 A.F.  
Pathfinder storage included

DAILY DIVERSIONS OF CANALS--1956

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	Apr.	May	June	July	Aug.	Sept.
1	0	0	244	616	1135	855
2	0	0	274	837	1145	744
3	0	0	278	470	1120	778
4	0	0	265	300	1135	761
5	0	78	250	269	1145	735
6	0	133	380	288	1130	699
7	0	128	711	290	1115	675
8	0	124	874	239	1090	641
9	80	119	965	210	1120	668
10	150	119	995	176	1160	656
11	150	128	1015	144	1140	620
12	150	141	936	192	1125	592
13	159	146	907	454	1135	564
14	158	151	814	727	1075	550
15	146	194	602	960	1000	564
16	143	641	397	1080	1025	539
17	146	841	303	1120	1090	525
18	146	907	254	1115	1090	546
19	143	960	220	1045	1070	528
20	149	970	190	1030	1075	490
21	158	874	161	1105	1050	464
22	156	893	141	1140	1035	448
23	158	656	127	1115	1020	435
24	165	329	127	1100	1010	426
25	168	229	231	1135	1005	408
26	170	198	300	1155	965	397
27	159	269	340	1140	860	394
28	154	308	274	1120	809	383
29	152	303	274	1130	765	369
30	41	305	293	1120	832	331
31	--	250	--	1130	869	--
Mean	107	335	439	773	1043	560
Max.	170	970	1015	1155	1160	855
Min.	0	0	127	144	765	331
A.F.	6350	20620	26070	47510	64140	33290
Water diverted 197980 A.F.						

DAILY DIVERSIONS OF CANALS--1956

TRI-STATE DIVERSIONS  
For Farmers Irrigation District and Preferred Rights  
Summary in Acre-feet--1956

	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	0	17520	21260	42500	54150	29910	165340
*Drains.....	0	2370	670	860	0	0	3900
Optional Diversions (Estimated).....	0	220	340	560	1380	1130	3630
<b>Total Diversions</b>	<b>0</b>	<b>20110</b>	<b>22270</b>	<b>43920</b>	<b>55530</b>	<b>31040</b>	<b>172870</b>
Water diverted 172870 A.F.							Acreage reported
							D-018 58437
							A-660 2913
							O. D. 1681
							<b>Total 63031</b>

\*Diverted by Tri-State Canal but not delivered to the Northport Canal because of canal breaks upstream from the Northport Red Willow turnout caused by floodwater in June and July. The Farmers Irrigation District used the drains for the period May 2 to 18, prior to Northports request of water.

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	May	June	July	Aug.	Sept.
1	6	15	8	19	9	12
2	6	14	8	2	5	12
3	6	13	8	0	5	15
4	6	12	7	0	5	14
5	6	9	6	11	6	14
6	5	9	6	11	8	14
7	4	10	4	8	9	14
8	3	11	2	8	12	10
9	3	12	2	7	17	3
10	3	11	5	6	8	6
11	4	12	5	6	0	15
12	6	10	7	6	3	14
13	6	9	10	3	7	14
14	4	9	12	1	11	14
15	0	5	14	4	14	13
16	0	4	13	10	19	11
17	0	6	10	14	17	10
18	0	9	11	11	17	12
19	0	8	10	12	12	12
20	0	10	13	18	13	14
21	0	8	10	18	13	15
22	0	9	13	19	13	15
23	0	15	13	19	12	14
24	0	15	14	17	15	14
25	0	16	15	22	10	13
26	0	15	14	17	14	13
27	0	16	12	13	16	13
28	0	14	11	13	15	13
29	0	11	13	12	13	13
30	0	9	16	12	9	13
31	0	8	—	10	14	—
Mean	2	11	10	11	11	13
Max.	6	16	16	22	19	15
Min.	0	4	2	0	0	3
A.F.	130	660	580	650	680	750
Water diverted	3450 A.F.			Acreage reported D-763 1305		

DAILY DIVERSIONS OF CANALS--1956

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

Date	Oct.	Nov.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	31	84	0	94	38	46	27	31	23
2	33	89	0	94	38	43	34	67	22
3	34	94	0	94	38	41	30	74	23
4	36	94	0	97	38	41	31	63	24
5	41	89	0	89	38	56	36	58	24
6	46	94	0	79	38	86	36	50	24
7	54	100	0	69	36	65	36	41	23
8	58	100	0	67	38	56	33	38	22
9	56	97	0	63	38	52	33	34	21
10	50	94	0	58	40	48	33	36	21
11	46	97	0	58	36	48	34	28	21
12	56	100	0	86	36	43	33	28	21
13	58	106	0	69	36	40	30	28	19
14	61	106	0	56	36	36	31	27	18
15	67	106	0	17	31	30	30	27	18
16	67	0	0	38	30	31	31	26	19
17	67	0	0	38	30	34	33	23	18
18	61	0	0	36	31	192	31	23	18
19	58	0	0	36	30	112	30	23	18
20	54	0	0	36	28	86	26	26	18
21	50	0	0	36	28	74	26	26	19
22	46	0	35	36	31	63	26	27	18
23	48	0	106	36	30	50	24	24	19
24	58	0	100	36	28	43	23	24	19
25	65	0	100	36	28	36	26	24	19
26	65	0	103	34	28	38	27	23	19
27	65	0	103	30	48	33	23	24	18
28	72	0	97	31	54	28	23	23	21
29	76	0	97	38	52	27	23	23	21
30	76	0	97	38	48	28	23	23	21
31	74	—	92	—	46	—	31	22	—
Mean	56	48	30	54	36	54	29	33	20
Max.	76	106	106	97	54	192	36	74	24
Min.	31	0	0	17	28	27	23	22	18
A.F.	3430	2880	1840	3220	2230	3190	1810	2010	1210
Water diverted	21820 A.F.				Acreage reported A-393 10794				

DAILY DIVERSIONS OF CANALS--1956

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

Date	May	June	July	Aug.	Sept.
1	0	14	30	28	24
2	0	18	34	25	24
3	0	21	30	24	22
4	0	21	17	22	22
5	0	18	14	22	22
6	0	18	14	23	22
7	0	17	14	26	17
8	0	18	18	24	16
9	0	12	26	22	19
10	0	11	20	22	18
11	0	13	16	23	16
12	0	16	5	23	16
13	0	20	2	22	14
14	0	25	8	20	15
15	0	26	26	20	15
16	0	16	25	22	17
17	0	19	27	23	20
18	5	18	26	22	18
19	13	16	25	25	18
20	15	20	27	25	18
21	15	20	30	22	17
22	18	21	28	21	18
23	17	21	24	20	20
24	13	19	23	21	22
25	16	23	22	25	23
26	18	25	23	23	25
27	11	28	22	23	28
28	12	33	21	24	28
29	18	33	22	22	28
30	19	32	26	24	29
31	17	—	28	23	—
Mean	7	20	22	23	20
Max.	19	33	34	28	29
Min.	0	11	2	20	14
A. F.	410	1210	1340	1410	1210
Water diverted 5580 A. F.					

DAILY DIVERSIONS OF CANALS--1956

WINTERS CREEK CANAL from Winters Creek  
Measured through Parshall flume--Sec. 19-22-54 W.

Date	May	June	July	Aug.	Sept.
1	0	35	32	45	44
2	0	35	22	47	37
3	0	35	2	47	35
4	0	36	2	48	32
5	0	42	6	49	32
6	0	44	21	45	30
7	0	40	34	37	32
8	0	37	28	36	30
9	0	40	30	38	30
10	1	37	31	39	30
11	0	37	23	44	30
12	11	37	24	48	30
13	3	33	29	44	30
14	19	34	31	42	31
15	22	30	34	46	30
16	20	37	42	48	30
17	20	37	48	48	34
18	17	32	46	48	36
19	19	28	32	45	42
20	22	28	26	42	39
21	23	24	33	45	34
22	26	26	43	49	33
23	24	25	49	47	32
24	25	23	41	47	36
25	25	26	37	46	37
26	25	28	35	45	40
27	18	28	42	47	38
28	34	23	48	48	43
29	34	26	50	48	44
30	34	28	50	46	40
31	35	—	46	45	—
Mean	15	32	33	45	35
Max.	35	44	50	49	44
Min.	0	23	2	36	30
A. F.	910	1930	2020	2770	2060
Water diverted 9690 A. F.					

DAILY DIVERSIONS OF CANALS—1956

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

Date	May	June	July	Aug.	Sept.
1	0	4	12	11	11
2	0	4	11	12	11
3	0	4	1	9	14
4	0	4	0	6	14
5	0	4	0	7	8
6	0	4	0	13	9
7	0	8	8	18	10
8	0	10	12	20	8
9	0	6	10	16	7
10	0	3	10	15	8
11	0	3	12	15	8
12	4	3	11	15	8
13	1	7	9	15	9
14	0	13	8	13	10
15	0	9	9	11	10
16	6	7	3	10	10
17	10	7	0	11	10
18	12	7	0	10	10
19	12	7	13	8	10
20	9	9	20	8	10
21	8	10	20	6	10
22	8	8	10	10	14
23	11	9	7	13	16
24	11	11	7	13	17
25	8	12	14	13	16
26	7	12	17	12	14
27	6	12	13	12	11
28	8	16	6	13	11
29	8	14	5	13	11
30	7	12	5	13	8
31	4	—	8	11	—
Mean	5	8	8	12	11
Max.	12	16	20	20	17
Min.	0	3	0	6	7
A.F.	280	470	520	740	640
Water diverted	2650 A.F.				

DAILY DIVERSIONS OF CANALS—1956

WINTERS CREEK DIVERSIONS  
Summary in Acre-feet—1956

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	410	1210	1340	1410	1210	5580
Winters Creek.....	1190	2400	2540	3510	2700	12340
Total diversion.....	1600	3610	3880	4920	3910	17920
Water diverted						
17920 A.F.						Acreage reported
						D-952 5748

DIVERSIONS GUERNSEY TO ODESSA

1955-1956

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, 1955

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey-Whalen	0	0	19010	0	0	0	45010	6710	16620	110290	177420	111910	486970
Whalen-State Line	10960	1840	0	0	0	0	0	8920	11760	15690	17670	12560	79400
State Line-Mitchell	4203	0	0	0	0	0	2260	21610	20740	61980	57630	44550	212970
Mitchell-Minatare	4100	0	0	0	0	0	0	4480	5540	13770	15080	9690	52660
Minatare-Bridgeport	6040	0	0	0	0	0	1080	11410	14210	18270	18490	16940	86440
Bridgeport-Lisco	3930	650	0	0	0	0	160	4400	3290	6990	6850	4810	31080
Lisco-Oshkosh	490	0	0	0	0	0	0	1110	530	440	260	430	3260
Oshkosh-Keystone	6050	4730	0	0	0	0	1690	9330	6340	7220	6180	5950	47490
Keystone-North Platte	5920	900	0	0	0	0	1480	18370	18220	33690	30550	23000	132130
North Platte-Odesa	14110	0	0	0	0	0	21600	88060	57780	161940	175110	94050	612650
<b>Total, Guernsey-Odesa</b>	<b>55800</b>	<b>8120</b>	<b>19010</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>73280</b>	<b>174400</b>	<b>155030</b>	<b>430280</b>	<b>505240</b>	<b>323890</b>	<b>1745050</b>

For the Water Year Ending September 30, 1956

Guernsey-Whalen	0	180	14280	0	0	8810	33060	68730	120720	171630	178680	57830	653920
Whalen-State Line	5990	0	0	0	0	0	0	13070	26990	24430	22160	12040	104680
State Line-Mitchell	1000	0	0	0	0	0	1300	31780	38190	62000	82040	50200	266510
Mitchell-Minatare	190	0	0	0	0	0	460	6750	12430	12090	15980	12020	59920
Minatare-Bridgeport	4800	0	0	0	0	0	1190	12070	15850	12500	21460	20410	88280
Bridgeport-Lisco	1990	60	0	0	0	0	0	3570	6870	5790	6820	5740	30840
Lisco-Oshkosh	1210	310	0	0	0	0	0	300	1490	550	200	1370	5430
Oshkosh-Keystone	8270	3120	0	0	0	1840	4120	6760	8470	6030	5740	6580	50930
Keystone-North Platte	7920	530	0	0	0	0	2910	21410	17940	32260	31270	29650	143890
North Platte-Odesa	34750	3330	0	0	0	0	26900	85830	95980	171470	156540	96370	671170
<b>Total, Guernsey-Odesa</b>	<b>66120</b>	<b>7530</b>	<b>14280</b>	<b>0</b>	<b>0</b>	<b>10650</b>	<b>69940</b>	<b>250270</b>	<b>344930</b>	<b>498750</b>	<b>520890</b>	<b>292210</b>	<b>2075570</b>



ANNUAL DIVERSIONS MAJOR PROJECTS

1955 - 1956

**SUMMARY**  
**ANNUAL DIVERSIONS IN ACRE FEET BY MAJOR PROJECTS**  
**BASED ON ACREAGE REPORTS**

**ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS**  
**Concluded**  
**Based on Acreage Reports**

	Water Year Ending September 30, 1955			Water Year Ending September 30, 1956			Water Year Ending September 30, 1955			Water Year Ending September 30, 1956			
	Acreage Reported	Water Diverted	Acre-ft. Per Acre	Acreage Reported	Water Diverted	Acre-ft. Per Acre	Acreage Reported	Water Diverted	Acre-ft. per acre	Acreage Reported	Water Diverted	Acre-ft. per acre	
Alliance	6286	14440	2.30	6286	14590	2.32							
Bartley	6927	11620	1.67	7144	10100	1.41							
Beerline	2080	1440	0.69	2080	2880	1.38							
Belmont-Empire	15900	33410	2.10	15900	36570	2.30	Meredith-Ammer	580	950	1.61	590	1650	2.80
Birdwood	5287	11090	2.10	5287	8880	1.68	Middle Loup PPIE No. 1	3061	9670	3.16	3304	7250	2.21
Blue Creek	2918	9110	3.12	2918	9520	3.26	Middle Loup PPIE No. 2	2898	9170	3.16	3120	6410	2.05
Browns Creek	6091	13090	2.15	6091	14260	2.34	Middle Loup PPIE No. 3	6776	15960	2.36	7719	12120	1.57
Cambridge	15753	33420	2.12	16426	32260	1.96	Middle Loup PPIE No. 4	7263	18490	2.55	8100	15670	1.93
Castle Rock-Steamboat	6537	18030	2.76	6488	22160	3.42	Midland-Overland	2053	1740	0.85	1920	3780	1.97
Central	2077	3850	1.85	2077	4600	2.21	Minatare	9117	15380	1.69	9372	15240	1.63
Chaney Rock	5641	13700	2.43	5141	12840	2.50	Mirage Flats	11640	15630	1.34	11640	16050	1.38
Cody-Dillon	4759	9680	2.03	4759	6480	1.36	Mitchell	13633	21360	1.57	13633	31550	2.32
Courthouse Rock	1462	6170	4.22	1444	3970	2.75	Naponee	1364	1700	1.25	1462	2040	1.40
Courtland	3768	21170	5.62	4450	26090	5.86	Nine Mile	5689	18440	3.31	5689	18470	3.25
Cosad	25220	24690	0.98	25220	26500	1.05	No. Loup PPIE Ord.-No. Loup	7109	13610	1.91	6456	11350	1.76
Culbertson	9371	32430	3.46	9332	39660	4.25	No. Loup PPIE Taylor-Ord	15475	34310	2.22	14553	24490	1.66
Dawson County	97252	58770	0.60	97252	66740	0.69	No. Loup PPIE Burwell-Sumner	7587	18960	2.50	7561	14630	1.93
Elk Creek	15741	9910	0.63	2987	8540	2.86	North Platte	14067	53240	3.78	14067	54300	3.86
Enterprise	7572	22000	2.91	7572	27840	3.68	Northport	16109	51860	3.22	16109	61400	3.84
*Fort Laramie	105056	185150	1.76	105056	262230	2.50	Orchard-Alfalfa	5950	9540	1.60	5950	9640	1.62
Franklin	4763	11460	2.41	10613	20520	1.93	Oshkosh	1743	600	0.39	1743	2410	1.38
Franklin Pump	2233	3710	1.66	1953	3580	1.83	Paisley	1141	3590	3.15	1310	4700	3.59
French	0	0	0.00	0	0	0.00	Raxton-Hershey	7358	17490	2.38	7358	19620	2.67
Gering	14310	23240	1.62	14310	21980	1.54	Ramhorn	1652	3240	1.96	1652	3910	2.37
*Gothenburg	22405	40470	1.81	22445	51920	2.31	**Riverside	534			529		
Graf	2089	2740	1.31	2089	3710	1.78	Sheridan-Wilson	676	2730	3.30	918	2360	2.57
**Haigler	3183			2063			Short Line	2752	6050	2.20	2752	5910	2.11
Hooper	877	3690	4.21	877	3950	4.50	Six Mile	1173	1060	0.90	1173	1450	1.24
Interstate	127955	301920	2.36	127955	391690	3.06	Spohn	1036	1340	1.29	1036	1030	0.99
*Jearney	4353	9091	2.09	4353	9030	2.07	Suburban	7170	19700	2.75	7170	24510	3.42
Keith & Lincoln Co.	6263	18700	2.99	6147	27740	4.51	Superior	6412	15490	2.42	5937	12990	2.19
Kimball	4500	4640	1.08	4500	3680	0.82	Thirty Mile	22980	40380	1.76	22980	42680	1.86
Last Chance	442	1970	4.46	442	1970	4.46	*Tri-County	233610	418740	1.79	228118	454670	1.99
Lisco	3911	7460	1.91	3911	6110	1.56	Tri-State	63040	135870	2.16	63031	172870	2.74
Lyons	903	1310	1.45	903	1990	2.20	Union	1233	2960	2.40	1305	3450	2.64
Meeker	3055	11970	3.92	2930	6970	2.38	Western	10794	23660	2.19	10794	21820	2.01
*For irrigation exclusive of power							Winters Creek	5748	15400	2.68	5748	17400	3.11
**No daily gage height record													

\*For irrigation exclusive of power  
\*\*No daily gage height record

PRECIPITATION AT VARIOUS POINTS  
1955-1956

PRECIPITATION AT VARIOUS POINTS

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

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1955		1956	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
<b>*MITCHELL STATION, SCOTTSHUFF COUNTY--ELEVATION - 4080</b>						
October.....	0.92	0.92	0.37	0.37	0.20	0.20
November.....	0.39	1.31	0.19	0.56	1.19	1.39
December.....	0.33	1.64	0.17	0.73	0.47	1.86
January.....	0.19	1.83	0.62	1.35	0.16	2.02
February.....	0.27	2.10	0.58	1.93	0.29	2.31
March.....	0.63	2.73	0.21	2.14	0.11	2.42
April.....	1.66	4.39	1.02	3.16	1.09	3.51
May.....	2.28	6.67	4.88	8.04	2.24	5.75
June.....	2.69	9.36	4.17	12.21	0.46	6.21
July.....	1.50	10.86	1.75	13.96	1.56	7.77
August.....	1.62	12.48	1.34	15.30	0.45	8.22
September.....	1.39	13.87	2.04	17.34	0.09	8.31

\*43-year record

**\*BRIDGEPORT STATION, MCRILL COUNTY--ELEVATION - 3666**

October.....	0.95	0.95	0.22	0.22	0.07	0.07
November.....	0.45	1.40	0.35	0.57	1.09	1.16
December.....	0.50	1.90	0.13	0.70	0.46	1.62
January.....	0.39	2.29	0.55	1.25	0.25	1.87
February.....	0.44	2.73	0.36	1.61	0.25	2.12
March.....	0.83	3.56	0.30	1.91	0.14	2.26
April.....	2.02	5.58	1.09	3.00	1.26	3.52
May.....	2.74	8.32	4.31	7.31	1.79	5.31
June.....	2.72	11.04	2.08	9.39	2.13	7.44
July.....	2.03	13.07	1.17	10.56	3.32	10.76
August.....	1.61	14.68	2.54	13.10	0.49	11.25
September.....	1.33	16.01	4.16	17.26	0.03	11.28

\*58-year record

**\*OSHKOSH STATION, GARDEN COUNTY--ELEVATION - 3393**

October.....	1.06	1.06	0.82	0.82	0.50	0.50
November.....	0.60	1.66	0.14	0.96	0.91	1.41
December.....	0.54	2.20	0.14	1.10	0.33	1.74
January.....	0.36	2.56	0.54	1.64	0.31	2.05
February.....	0.48	3.04	0.81	2.45	0.25	2.30
March.....	0.89	3.93	0.29	2.74	0.10	2.40
April.....	2.22	6.15	1.22	3.96	1.39	3.79
May.....	2.76	8.91	4.43	8.39	2.59	6.38
June.....	2.79	11.70	3.21	11.60	2.06	8.44
July.....	2.31	14.01	1.25	12.85	3.36	11.80
August.....	2.08	16.09	0.96	13.81	2.12	13.92
September.....	1.48	17.57	1.43	15.24	0.05	13.97

\*43-year record

	Normal		1955		1956	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
<b>*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION - 4085</b>						
October.....	0.96	0.96	0.40	0.40	0.38	0.38
November.....	0.51	1.47	0.25	0.65	0.73	1.11
December.....	0.45	1.96	0.17	0.82	0.12	1.23
January.....	0.32	2.24	0.33	1.15	0.27	1.50
February.....	0.39	2.63	0.83	1.98	0.15	1.65
March.....	0.84	3.47	0.55	2.53	0.20	1.85
April.....	2.23	5.70	1.78	4.31	1.25	3.10
May.....	2.75	8.45	5.05	9.36	1.59	4.69
June.....	2.82	11.27	4.45	13.81	1.55	6.24
July.....	1.79	13.06	0.79	14.60	3.61	9.85
August.....	1.85	14.91	3.43	18.03	1.43	11.28
September.....	1.30	16.21	1.21	19.24	0.39	11.67

\*28-year record

**\*ORD STATION, VALLY COUNTY--ELEVATION - 2062**

October.....	1.55	1.55	1.89	1.89	0.20	0.20
November.....	0.74	2.29	0.06	1.95	0.32	0.52
December.....	0.67	2.96	0.14	2.09	0.75	1.27
January.....	0.46	3.42	0.59	2.68	0.92	2.19
February.....	0.61	4.03	1.22	3.90	0.62	2.81
March.....	1.05	5.08	0.36	4.26	0.33	3.14
April.....	2.53	7.61	0.32	4.58	2.02	5.16
May.....	3.40	11.01	4.00	8.58	2.28	7.44
June.....	4.14	15.15	3.65	12.23	4.86	12.30
July.....	3.06	18.21	1.45	18.68	0.94	13.24
August.....	2.55	20.76	0.64	14.32	1.68	14.92
September.....	2.38	23.14	2.64	16.96	0.40	15.32

\*65-year record

**\*PORT ROBINSON STATION, DAWES COUNTY--ELEVATION - 3807**

October.....	1.29	1.29	1.36	1.36	0.37	0.37
November.....	0.53	1.82	0.23	1.59	0.47	0.84
December.....	0.62	2.44	0.45	2.04	0.59	1.43
January.....	0.57	3.01	0.61	2.65	0.10	1.53
February.....	0.63	3.64	0.96	3.61	0.39	1.92
March.....	1.11	4.75	0.79	4.40	0.30	2.22
April.....	2.07	6.82	1.65	6.05	1.34	3.56
May.....	2.87	9.69	4.20	10.25	3.34	6.90
June.....	2.83	12.52	3.09	13.34	1.21	8.11
July.....	2.06	14.58	1.34	14.68	3.23	11.34
August.....	1.59	16.17	2.21	16.89	1.16	12.50
September.....	1.32	17.49	2.49	19.38	0.85	13.35

\*72-year record

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1945		1956	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
<b>*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION -2779</b>						
October.....	1.04	1.04	1.18	1.18	0.08	0.08
November.....	0.55	1.59	0.06	1.24	0.78	0.86
December.....	0.40	1.99	0.10	1.34	0.68	1.54
January.....	0.39	2.38	0.84	2.18	0.47	2.01
February.....	0.34	2.72	1.17	3.35	0.22	2.23
March.....	0.91	3.63	0.36	3.71	0.24	2.47
April.....	2.06	5.69	2.22	5.93	1.60	4.07
May.....	2.67	8.36	4.70	10.63	1.20	5.27
June.....	2.92	11.28	5.02	15.65	5.25	10.52
July.....	2.40	13.68	0.42	16.07	3.16	13.68
August.....	2.11	15.79	0.32	16.39	2.04	15.72
September.....	1.75	17.54	1.51	17.90	0.03	15.75

\*16-year record

**\*LEXINGTON STATION, DAWSON COUNTY--ELEVATION -2404**

October.....	1.49	1.49	2.83	2.83	0.13	0.13
November.....	0.70	2.19	0.02	2.85	0.16	0.29
December.....	0.66	2.85	0.10	2.95	0.51	0.80
January.....	0.50	3.35	0.88	3.83	0.23	1.03
February.....	0.72	4.07	0.77	4.60	0.38	1.41
March.....	1.10	5.17	0.50	5.10	0.25	1.66
April.....	2.38	7.55	0.43	5.53	1.20	2.86
May.....	3.23	10.78	2.17	7.70	1.85	4.71
June.....	3.74	14.52	6.22	13.92	2.72	7.43
July.....	2.99	17.51	1.59	15.51	2.64	10.07
August.....	2.70	20.21	1.15	16.66	2.20	12.27
September.....	1.93	22.19	3.29	19.95	0.82	13.09

\*5-year record

**\*GRAND ISLAND STATION, HALL COUNTY--ELEVATION - 1841**

October.....	1.31	1.31	1.25	1.25	0.22	0.22
November.....	0.98	2.29	0.02	1.27	0.08	0.30
December.....	0.55	2.84	0.24	1.51	0.54	0.84
January.....	0.58	3.42	0.87	2.38	0.93	1.77
February.....	0.66	4.08	0.30	3.18	0.23	2.00
March.....	1.28	5.26	1.07	4.25	0.52	2.52
April.....	2.22	7.58	1.15	5.40	1.96	4.48
May.....	3.27	11.45	1.91	7.31	2.43	6.91
June.....	3.66	15.11	4.65	11.96	3.51	10.42
July.....	2.63	17.74	1.30	13.26	0.94	11.36
August.....	2.39	20.13	0.78	14.04	0.77	12.13
September.....	2.57	22.70	2.08	16.12	0.91	13.04

\*64-year record

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1955		1956	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
<b>*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION - 2565</b>						
October.....	1.15	1.15	1.70	1.70	0.15	0.15
November.....	0.62	1.77	0.06	1.76	0.15	0.30
December.....	0.58	2.35	0.40	2.16	0.68	0.98
January.....	0.41	2.76	0.90	3.06	0.43	1.41
February.....	0.54	3.30	0.96	4.02	0.32	1.73
March.....	1.04	4.34	0.12	4.14	0.29	2.02
April.....	2.19	6.53	1.31	5.45	1.68	3.70
May.....	2.94	9.47	2.77	8.22	0.64	4.34
June.....	3.44	12.91	2.47	10.69	2.49	6.83
July.....	2.85	15.76	0.20	10.89	1.08	7.91
August.....	2.58	18.34	1.32	12.21	2.52	10.43
September.....	1.61	19.95	2.70	14.91	0.15	10.58

\*68 year record.

**\*GENOA STATION, HANCE COUNTY--ELEVATION - 1584**

October.....	1.59	1.59	1.85	1.85	0.33	0.33
November.....	0.89	2.48	0.04	1.89	0.12	0.45
December.....	0.82	3.30	0.11	2.00	0.97	1.42
January.....	0.64	3.94	0.31	2.31	1.13	2.55
February.....	0.76	4.70	0.94	3.25	0.68	3.23
March.....	1.15	5.85	0.44	3.69	0.23	3.46
April.....	2.59	8.44	0.75	4.44	1.65	5.11
May.....	3.94	12.38	4.50	8.94	3.14	8.25
June.....	4.49	16.87	5.28	14.22	3.09	11.34
July.....	3.43	20.30	4.78	19.00	1.87	13.21
August.....	2.83	23.13	0.33	19.33	3.80	17.01
September.....	2.95	26.08	1.72	21.05	1.00	18.01

\*80 year record.

**\*HOLDREGE STATION, PHELPS COUNTY--ELEVATION - 2335**

October.....	1.46	1.46	1.84	1.84	0.52	0.52
November.....	0.83	2.29	0.00	1.84	0.31	0.83
December.....	0.64	2.93	0.20	2.04	0.78	1.61
January.....	0.47	3.40	1.26	3.30	0.72	2.33
February.....	0.70	4.10	1.27	4.57	0.48	2.81
March.....	1.10	5.20	0.61	5.18	0.28	3.09
April.....	2.71	7.91	0.47	5.65	1.55	4.64
May.....	3.63	11.54	3.93	9.58	0.74	5.38
June.....	3.95	15.49	3.79	13.37	2.94	8.32
July.....	2.92	18.41	1.16	14.53	2.22	10.54
August.....	2.63	21.04	1.90	16.43	1.86	12.40
September.....	2.16	23.20	3.67	20.10	0.84	13.24

\*66 year record.

**MONTHLY EVAPORATION**

**1955-1956**

MONTHLY EVAPORATION IN FEET--1955

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam.....	f	0.518	0.489	0.916	0.716	0.622	0.578
*Whalen Dam.....	f	0.756	0.577	0.873	0.682	0.571	0.465
*Bridgeport.....	0.566	0.654	0.488	0.783	0.638	0.477	0.291
*Kingsley Dam.....	f	0.734	0.542	0.999	0.876	0.607	0.301
**North Platte.....	0.528	0.618	0.486	0.780	0.805	0.596	f

\*United States Weather Bureau Class "A" pan

\*\*Pan 6 feet in diameter; 24 inches deep; in ground 20 inches

f No record reported

MONTHLY EVAPORATION IN FEET--1956

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam.....	f	0.588	0.833	0.771	0.678	0.582	0.495
*Whalen Dam.....	f	0.642	0.981	0.864	0.736	0.602	0.468
*Bridgeport.....	0.381	0.544	0.786	0.669	0.602	0.541	0.425
*Kingsley Dam.....	f	0.579	0.902	0.761	0.692	0.630	0.438
**North Platte.....	0.358	0.447	0.817	0.648	0.629	0.642	f

\*United States Weather Bureau Class "A" pan

\*\*Pan 6 feet in diameter; 24 inches deep; in ground 20 inches

f No record reported

MISCELLANEOUS STREAM DISCHARGE AND STORAGE RECORDS  
1957



KORTZ'S RESERVOIR STORAGE IN ACRE-FEET  
Water Year Ending September 30, 1957

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4610	4660	4400	4700	4720	4650	4120	4660	4660	4620	4520	4590
2	4650	4440	4500	4560	4650	4580	4320	4630	4660	4500	4500	4500
3	4660	4490	4540	4340	4410	4550	4660	4660	4740	4640	4430	4570
4	4530	4650	4580	4530	4640	4660	4570	4620	4740	4600	4660	4590
5	4590	4490	4660	4430	4640	4420	4500	4590	4600	4640	4460	4540
6	4580	4520	4600	4530	4700	4580	4420	4660	4730	4600	4500	4500
7	4630	4510	4490	4550	4610	4540	4430	4660	4500	4620	4520	4600
8	4660	4510	4520	4480	4560	4620	4420	4600	4660	4600	4650	4540
9	4610	4660	4420	4610	4560	4600	4230	4600	4630	4660	4650	4600
10	4500	4490	4520	4610	4500	4340	4330	4670	4600	4600	4660	4500
11	4610	4460	4530	4520	4650	4500	4410	4690	4600	4660	4600	4500
12	4600	4450	4600	4520	4500	4410	4360	4660	4710	4500	4500	4500
13	4600	4430	4560	4600	4600	4440	4440	4660	4650	4640	4610	4500
14	4590	4520	4510	4660	4600	4470	4490	4660	4600	4500	4420	4660
15	4700	4560	4500	4500	4600	4450	4490	4670	4660	4500	4410	4640
16	4600	4560	4470	4420	4600	4440	4490	4660	4610	4500	4410	4630
17	4500	4560	4560	4560	4600	4460	4500	4630	4600	4660	4410	4500
18	4400	4600	4480	4440	4390	4340	4350	4600	4600	4650	4500	4600
19	4500	4640	4660	4610	4470	4350	4430	4600	4670	4660	4340	4670
20	4600	4600	4590	4560	4460	4190	4500	4660	4660	4590	4360	4600
21	4600	4600	4480	4400	4510	4310	4600	4670	4610	4500	4420	4660
22	4590	4480	4410	4500	4420	4270	4540	4700	4610	4500	4370	4430
23	4630	4560	4430	4520	4660	4510	4500	4530	4610	5000	4390	4500
24	4520	4600	4510	4465	4660	4500	4710	4620	4620	4610	4470	4500
25	4530	4530	4570	4560	4500	4450	4590	4620	4600	4510	4660	4500
26	4600	4610	4510	4460	4630	4440	4600	4560	4600	4640	4420	4620
27	4630	4610	4500	4490	4710	4270	4600	4620	4600	4640	4340	4500
28	4500	4710	4510	4470	4600	4500	4660	4600	4700	4700	4300	4590
29	4600	4410	4650	4500	----	4370	4660	4500	4700	4620	4500	4660
30	4640	4530	4640	4570	----	4190	4670	4740	4720	4660	4520	4620
31	4660	----	4700	4540	----	4420	----	4670	----	4500	4500	----

DISCHARGE IN SECOND-FOOT OF NORTH PLATTE RIVER PASSING TRI-STATE DAM  
Water Year Ending September 30, 1957

Date	Apr.	May	June	July	Aug.	Sept.
1	209	10	265	30	33	1
2	221	10	781	12	31	1
3	224	10	594	12	36	1
4	215	74	428	13	78	2
5	212	270	747	45	84	3
6	221	184	270	26	30	3
7	218	76	245	20	20	2
8	209	9	147	48	13	2
9	206	10	128	15	32	2
10	198	146	137	8	48	1
11	204	161	126	8	37	2
12	206	58	41	8	31	2
13	204	88	14	30	21	23
14	204	86	13	18	4	74
15	201	80	12	6	2	39
16	201	137	31	4	13	23
17	204	337	30	12	218	6
18	206	798	49	84	164	1
19	204	919	16	443	30	1
20	204	904	13	176	32	68
21	189	1120	13	116	2	86
22	195	1060	12	65	2	58
23	209	938	12	91	2	2
24	201	924	13	144	2	1
25	184	1060	13	32	3	1
26	89	991	14	17	17	1
27	15	991	13	21	32	1
28	13	915	12	12	37	97
29	12	906	10	209	76	254
30	12	962	18	406	14	296
31	----	971	----	120	1	----
Mean	176	490	149	73	37	35
Max.	224	1120	865	443	218	296
Min.	12	9	10	4	1	1
A.F.	10490	30160	8860	4470	2270	2090
Total acre-feet		58340				



**DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND  
SOUTH PLATTE RIVERS NEAR NORTH PLATTE  
Water Year Ending September 30, 1957**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1683	686	589	601	780	589	713	723	2424	1313	3436	1411
2	1664	742	593	816	780	628	675	817	1753	1375	3420	1424
3	1565	782	672	766	727	638	721	776	1457	1204	3522	1354
4	1546	740	677	733	812	642	731	925	1094	656	3650	1256
5	1476	706	647	755	724	591	722	805	1281	1180	3503	1164
6	1472	694	753	635	749	573	836	919	1093	1416	3333	1165
7	1625	662	713	771	778	569	805	942	1303	1303	3388	1182
8	1684	641	669	762	725	609	727	1016	1494	1411	3426	1091
9	1684	641	653	767	650	636	706	1832	1363	1474	3408	1217
10	1684	634	749	733	675	576	760	1860	1581	1473	3348	1322
11	1717	632	779	711	707	570	828	1547	1662	1551	3470	1421
12	1687	628	861	596	640	572	874	1250	1660	1667	3459	1430
13	1669	618	783	401	719	655	856	1386	1789	1636	3208	1516
14	1664	618	808	520	737	556	791	1454	1659	1502	3065	1371
15	1692	604	777	669	726	709	752	1387	2061	1755	3222	1070
16	1744	579	742	529	682	602	734	1415	2367	1905	3309	1274
17	1747	632	803	579	598	596	731	1942	2825	1861	3356	1347
18	1660	632	732	562	632	609	734	5564	3040	2116	3220	1374
19	1547	612	823	586	620	597	744	5622	2924	2742	3190	1309
20	1234	606	761	537	699	643	833	4943	3120	3270	2959	1391
21	1229	808	696	691	742	654	785	6358	3474	3154	2747	1376
22	1224	728	740	685	616	648	773	5662	3032	3163	2484	956
23	1261	664	580	642	690	691	991	8362	2744	3232	2336	1238
24	1242	656	698	636	647	645	846	6270	2416	3148	2233	1383
25	1340	632	697	685	791	1083	758	5119	1877	3254	1836	1351
26	1133	642	757	672	645	816	744	4223	1630	3349	1788	1231
27	903	673	745	631	612	658	649	4191	1510	3403	1674	1349
28	762	716	774	729	615	657	613	4440	1648	3404	1448	1293
29	911	709	765	804	—	643	580	5103	1727	3682	1703	1233
30	1570	656	592	791	—	639	583	3801	1540	3479	1606	1222
31	1058	—	762	763	—	697	—	3311	—	3477	1498	—
Mean	1454	666	722	670	704	645	753	3031	1985	2244	2847	1291
Max.	1747	808	861	816	847	1083	991	8362	3474	3682	3650	1516
Min.	762	579	580	401	598	556	580	723	1093	656	1448	956
A.F.	89410	39620	44410	41170	39110	39650	44820	186380	118110	137960	175030	76800

Total acre-feet  
1032470 A.F.

**DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR ELM CREEK  
Sec. 33-9-18 W.—Water Year Ending September 30, 1957**

Date	May	June	July	Aug.	Sept.
1	0	10	23	0	22
2	0	6	22	0	18
3	0	26	17	0	16
4	0	42	13	0	20
5	0	31	17	0	19
6	0	25	33	0	14
7	0	12	27	0	13
8	0	7	21	0	12
9	0	4	21	0	13
10	0	6	21	0	20
11	0	1	22	1	18
12	0	0	19	0	28
13	0	0	16	3	36
14	0	3	10	4	42
15	0	0	11	6	32
16	0	21	15	8	32
17	0	168	32	6	42
18	0	175	28	4	39
19	1	144	14	1	40
20	2	150	14	5	17
21	0	116	9	3	15
22	0	37	4	6	16
23	0	31	0	6	14
24	0	30	4	5	20
25	0	48	3	3	11
26	0	44	5	4	9
27	33	44	2	14	6
28	49	44	0	16	5
29	52	40	0	16	2
30	31	22	0	15	0
31	16	—	0	15	—
Mean	6	43	14	5	20
Max.	52	175	33	16	42
Min.	0	0	0	0	0
A.F.	360	2550	840	280	1170

**DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER  
Sec. 11-18-48 W.—Water Year Ending September 30, 1957**

Date	May	June	July	Aug.	Sept.
1	11	13	25	9	20
2	12	13	19	7	23
3	12	14	10	7	21
4	12	15	7	8	20
5	13	28	7	10	21
6	12	15	7	10	20
7	12	26	5	11	16
8	12	31	5	11	21
9	14	30	6	9	15
10	14	32	4	7	9
11	13	33	4	7	9
12	14	33	4	9	9
13	14	35	6	7	24
14	14	40	7	6	26
15	14	41	7	6	25
16	15	41	6	7	32
17	16	44	6	10	27
18	13	40	7	11	22
19	13	25	12	11	12
20	13	25	7	8	12
21	13	26	6	6	13
22	12	26	7	7	12
23	12	20	7	9	26
24	13	28	10	10	25
25	15	25	7	9	27
26	13	14	7	10	19
27	13	16	7	10	12
28	11	19	7	11	10
29	12	22	7	15	12
30	12	25	7	24	27
31	14	—	9	24	—
Mean	13	26	8	10	19
Max.	16	44	25	24	32
Min.	11	13	4	6	0
A.F.	800	1580	480	610	1120

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN  
 Sec. 6-20-52 W.—Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	2	11	12	18	26
2	3	16	10	16	26
3	3	16	10	9	22
4	3	16	12	8	19
5	3	16	12	12	18
6	4	17	9	9	17
7	3	17	8	13	21
8	3	17	8	12	20
9	6	18	6	11	17
10	5	19	7	4	13
11	5	18	8	12	19
12	4	19	8	13	19
13	8	22	11	13	19
14	6	20	8	10	26
15	11	22	6	10	25
16	13	22	5	10	25
17	30	21	5	14	26
18	15	20	4	12	28
19	14	21	7	13	30
20	13	19	8	17	28
21	15	19	8	16	28
22	9	18	30	17	28
23	8	18	10	17	32
24	9	16	20	20	30
25	17	18	17	22	29
26	12	16	19	24	26
27	9	15	17	18	25
28	8	14	15	21	26
29	8	13	15	22	25
30	12	12	8	25	27
31	12	—	4	23	—
Mean	9	18	11	15	24
Max.	30	22	19	25	32
Min.	2	11	4	4	13
A.P.	540	1040	650	910	1430

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO  
 Sec. 34-18-46 W.—Water Year Ending September 30, 1957

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

CRESCENT LAKE STORAGE IN ACRE-FEET  
 Head Of Blue Creek—Sec. 21-20-44 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	—	—	—	—	—	—	570	—	—	—	—	—
2	—	—	—	—	—	430	—	—	—	—	1560	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	1280	—	1150	—	—	—	—
7	—	—	—	—	—	—	—	—	1510	—	—	—
8	—	—	—	—	—	—	—	1160	—	—	1550	—
9	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	1800	—	—
11	—	—	—	300	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	790	—	1800	—	—	1220
13	—	—	—	—	—	1200	—	1240	1710	—	—	—
14	—	—	—	—	—	1410	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	1420	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	880	—	1950	1740	—	—
18	—	—	—	270	—	—	—	—	—	1700	—	—
19	—	—	—	—	—	—	790	—	—	—	—	—
20	—	—	—	—	—	—	—	1510	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	1130	—	—	—	—	1370	—
24	—	—	—	—	—	—	—	1380	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	1860	—	—	—
27	—	—	—	—	—	1110	—	—	—	—	—	—
28	—	—	—	—	—	—	—	1510	1900	—	—	—
29	—	—	—	—	—	—	970	—	—	—	1290	—
30	—	—	—	—	—	—	—	—	—	—	1330	1050
31	—	—	—	—	—	—	—	—	—	1660	—	—

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY DRAIN NO. 2  
Sec. 25-10-23 W.—Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	0	3	6	8	6
2	0	3	6	8	6
3	0	3	6	10	6
4	0	3	6	7	6
5	0	3	6	6	4
6	0	3	6	5	5
7	0	3	6	5	4
8	0	3	6	8	6
9	0	3	6	7	6
10	0	2	6	12	6
11	0	2	6	12	6
12	0	2	6	15	6
13	0	2	6	13	6
14	0	2	5	10	8
15	0	2	6	11	6
16	1	20	6	11	6
17	14	18	7	14	6
18	2	9	7	18	6
19	2	7	5	13	6
20	2	7	6	11	6
21	3	6	6	12	6
22	2	7	6	14	5
23	3	6	6	14	5
24	3	7	7	11	5
25	16	6	6	11	5
26	4	6	7	10	5
27	3	7	5	9	5
28	3	7	4	10	5
29	3	7	4	8	5
30	3	7	4	8	5
31	3	-	6	9	-
Mean	2	6	6	10	6
Max.	16	20	7	18	8
Min.	0	2	4	5	4
A.F.	130	330	360	630	330

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER, NEAR  
NORTHPORT—Sec. 20-20-50 W.—Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	1	2	3	12	15
2	1	2	3	24	30
3	1	2	3	18	15
4	1	2	4	13	14
5	1	1	4	10	15
6	1	2	3	9	15
7	1	2	5	8	13
8	1	2	4	6	14
9	1	2	3	6	14
10	1	2	4	6	13
11	1	3	4	6	12
12	1	4	4	7	12
13	1	2	5	7	12
14	1	2	5	7	14
15	1	24	4	7	12
16	2	15	4	7	14
17	2	19	4	8	16
18	2	5	6	8	15
19	2	4	6	10	17
20	3	4	8	9	16
21	3	3	7	8	20
22	3	12	7	14	15
23	3	6	7	11	14
24	3	5	10	10	13
25	4	3	11	10	16
26	3	3	11	10	14
27	3	3	11	10	14
28	3	13	8	11	14
29	3	2	9	12	15
30	3	3	10	12	15
31	2	-	11	12	-
Mean	2	5	6	10	15
Max.	4	24	11	24	30
Min.	1	1	3	6	12
A.F.	120	310	370	610	890

DISCHARGE IN SECOND-FEET OF ELM CREEK NEAR ELM CREEK  
Sec. 33-9-18 W.—Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	0	22	3	1	12
2	0	12	1	0	13
3	0	3	1	0	13
4	0	5	0	0	12
5	0	1	10	0	8
6	0	5	10	0	4
7	0	1	9	0	11
8	0	0	4	0	12
9	0	0	2	0	12
10	0	0	1	1	14
11	0	0	6	0	15
12	0	0	2	0	15
13	0	0	2	0	4
14	0	0	1	0	17
15	0	7	12	0	17
16	2	97	13	0	11
17	13	525	8	0	5
18	3	46	6	0	3
19	5	19	4	0	15
20	5	12	2	0	13
21	2	9	1	0	13
22	1	14	0	0	6
23	0	11	4	0	1
24	0	9	0	0	7
25	0	6	0	2	11
26	24	7	0	5	6
27	15	8	0	0	7
28	5	13	0	10	5
29	2	11	0	5	10
30	9	5	1	10	6
31	10	-	0	7	-
Mean	3	28	3	1	10
Max.	24	525	13	10	15
Min.	0	0	0	0	1
A.F.	190	1680	200	80	590

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH INTO  
SUTHERLAND POWER RETURN Sec. 16-13-30 W.  
Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	30	43	27	20	20
2	30	32	26	20	20
3	28	30	26	20	20
4	33	28	25	20	20
5	31	27	22	20	21
6	30	27	22	20	20
7	28	26	22	18	22
8	26	26	22	21	22
9	239	24	22	20	22
10	80	25	21	20	22
11	56	24	20	20	23
12	71	23	20	20	24
13	55	23	20	18	26
14	52	24	23	18	25
15	50	28	22	18	28
16	66	36	21	18	24
17	96	66	21	18	24
18	86	42	22	18	24
19	46	34	22	18	32
20	44	30	25	18	28
21	40	27	24	18	26
22	37	26	24	17	25
23	34	24	22	17	25
24	34	24	20	18	24
25	49	25	21	18	24
26	40	24	21	18	24
27	34	29	20	18	23
28	28	28	20	20	23
29	30	27	20	41	22
30	34	27	20	22	23
31	31	-	20	20	-
Mean	51	29	22	20	24
Max.	239	66	27	41	32
Min.	26	23	20	17	20
A.F.	3110	1740	1350	1210	1400

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT  
 Sec. 19-20-50 W.--Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	2	5	22	5	17
2	2	5	11	4	12
3	2	5	5	13	31
4	2	4	8	10	27
5	3	23	6	3	15
6	2	18	6	7	10
7	2	16	9	6	11
8	2	3	8	7	14
9	3	2	8	8	13
10	3	14	7	12	11
11	2	10	2	12	12
12	2	4	6	14	13
13	3	18	9	10	13
14	3	16	11	10	18
15	2	13	12	10	16
16	5	33	10	14	18
17	4	27	10	11	16
18	3	29	7	12	15
19	3	20	13	13	12
20	4	18	12	15	16
21	4	11	37	16	21
22	4	12	23	11	20
23	4	12	34	9	19
24	10	23	18	10	25
25	14	13	23	10	18
26	7	8	24	10	17
27	6	17	21	13	18
28	5	21	9	14	20
29	5	8	8	17	17
30	5	13	10	19	16
31	9	--	4	12	--
Mean	4	14	13	11	17
Max.	14	33	37	19	31
Min.	2	2	2	3	10
A.Y.	250	830	780	670	990

OLIVER RESERVOIR STORAGE IN ACRE-FEET  
 From Lodgepole Creek--Sec. 36-15-57 W.  
 Water Year Ending September 30, 1957

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	1520	---	---	2550	---	---	3670	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	1290	---	---	2300	---	---	---	---	---	4690	---	---
6	---	---	---	---	---	---	---	---	---	---	---	2580
7	---	---	1940	---	---	---	---	---	4770	---	---	---
8	---	---	---	---	2600	---	---	3780	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	2360	---	---	---	---	---	---	---	---
11	1324	---	---	---	---	---	3520	---	---	4100	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	2020	---	---	---	---	---	---	---	---	2050
14	---	---	---	---	---	3040	---	---	4870	---	---	---
15	---	---	---	---	2710	---	---	---	---	---	---	---
16	---	1650	---	---	---	---	---	---	---	---	3490	---
17	---	---	---	2420	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	3600	---	---	---	---	---
19	---	---	---	---	2770	---	---	---	---	---	---	---
20	---	---	2130	---	---	---	---	---	---	---	---	2110
21	---	---	---	---	---	---	---	---	5010	---	---	---
22	---	---	---	---	---	---	---	---	---	---	3150	---
23	---	1740	---	---	---	---	---	---	---	---	---	---
24	---	---	---	2500	---	---	---	4460	---	---	---	---
25	---	---	---	---	---	3160	3660	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	4720	---	---
27	1430	---	---	---	---	---	---	---	---	---	---	2160
28	---	---	2220	---	2880	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	5030	---	3060	---
30	---	1850	---	---	---	---	---	---	---	---	---	2230
31	---	---	---	---	---	---	---	4610	---	---	---	---

DISCHARGE IN SECOND-FOOT OF LODGEPOLE CREEK  
BELOW OLIVER RESERVOIR AND NEW RUTHER DIVERSION DAM  
Sec. 31-15-56 W.--Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	5	6	6	6	6
2	5	6	6	6	6
3	5	6	7	6	6
4	5	6	6	6	6
5	5	6	6	9	6
6	6	6	4	9	6
7	5	6	5	9	6
8	5	6	6	9	6
9	6	6	6	9	6
10	5	6	7	9	6
11	6	6	7	9	6
12	6	6	7	9	6
13	6	6	7	9	6
14	6	6	8	9	5
15	6	6	7	9	4
16	6	6	7	9	4
17	6	6	7	9	4
18	6	6	5	9	4
19	7	6	7	9	4
20	6	6	6	9	4
21	6	6	5	9	4
22	6	5	5	9	4
23	5	6	5	6	4
24	4	6	5	6	4
25	4	6	5	6	4
26	4	6	5	6	3
27	6	6	5	6	3
28	6	6	6	6	3
29	6	6	6	6	3
30	6	6	6	5	3
31	6	—	6	6	—
Mean	6	6	6	8	5
Max.	7	7	8	9	6
Min.	4	5	4	5	3
A.F.	340	360	370	470	280

DISCHARGE IN SECOND-FOOT OF LODGEPOLE CREEK ABOVE BENNETT  
RESERVOIR—Sec. 22-15-55 W.--Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	11	13	12	10	1
2	11	15	11	11	6
3	12	17	10	13	2
4	15	20	8	12	6
5	25	12	8	13	8
6	15	14	6	9	2
7	11	13	2	5	6
8	13	12	11	4	2
9	12	8	10	4	2
10	15	15	8	11	6
11	16	12	5	7	2
12	12	18	10	11	5
13	14	14	4	13	5
14	15	12	10	9	9
15	13	18	10	11	8
16	12	17	6	1	8
17	18	17	8	2	6
18	15	12	10	6	5
19	18	15	10	4	11
20	26	12	76	1	14
21	18	10	60	1	11
22	14	15	9	6	12
23	14	10	12	8	8
24	15	11	11	3	4
25	19	10	5	4	6
26	14	14	9	6	8
27	17	11	11	5	11
28	16	10	10	8	5
29	2	8	8	3	2
30	81	9	18	6	7
31	16	—	10	4	—
Mean	17	13	13	7	6
Max.	81	20	76	13	14
Min.	2	8	5	1	1
A.F.	1040	780	790	420	370

BENNETT RESERVOIR STORAGE IN ACRES-FOOT  
A-657, A-1974, on Lodgepole Creek—Sec. 22-15-55 W.  
Water Year Ending September 30, 1957

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	—	—	—	—	860	—	—	1210	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	1170	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	760	—	—	—	—	—	1090	—	—
6	—	—	—	—	—	—	—	—	—	—	—	850
7	—	—	590	—	—	—	—	—	—	—	—	—
8	—	—	—	—	900	—	—	960	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	1110	—
10	—	—	—	780	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	1060	—	—	1020	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	630	—	—	—	—	—	—	—	—	800
14	—	—	—	—	—	910	—	—	—	—	—	—
15	—	—	—	—	930	—	—	—	—	—	—	—
16	—	300	—	—	—	—	—	—	—	—	960	—
17	—	—	—	800	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	1110	—	—	—	—	—
19	—	—	—	—	950	—	—	—	—	1260	—	—
20	—	—	670	—	—	—	—	—	—	—	—	850
21	—	—	—	—	—	—	—	—	1290	—	—	—
22	—	—	—	—	—	—	—	—	—	—	900	—
23	—	390	—	—	—	—	—	—	—	—	—	—
24	—	—	—	830	—	—	—	1100	—	—	—	—
25	—	—	—	—	—	930	1080	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	920	—	—
27	—	—	—	—	—	—	—	—	—	—	—	910
28	—	—	720	—	980	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	1200	—	900	—
30	—	—	—	—	—	—	—	—	—	—	—	930
31	—	—	—	—	—	—	—	1330	—	—	—	—

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK BELOW BENNETT RESERVOIR  
 Sec. 22-15-55 W.--Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	0	28.2	2.1	2.4	2.1
2	0	20.2	0	2.4	1.0
3	0	20.2	0	2.4	1.0
4	3.3	19.4	0	0.9	1.0
5	3.3	2.2	0	0.9	1.0
6	2.1	2.2	0	0.2	0
7	2.1	2.2	0	2.0	0
8	2.1	1.5	0	2.0	0
9	2.1	1.5	0	0	0
10	2.1	1.5	0	0	1.1
11	2.1	2.2	0.6	0	1.1
12	2.1	1.5	0.7	0.9	1.1
13	1.0	2.2	0.7	0.9	0.6
14	0	0	0.7	0.9	0.7
15	0	0	0.7	0.9	0.7
16	15.0	0	0	0.7	0
17	18.2	0	0	0.7	0
18	18.2	0	0	0.7	0
19	20.0	0	0.3	0.2	0
20	25.4	0	1.0	0.9	0
21	20.2	0	1.2	0.9	0
22	20.2	1.0	1.2	0	0
23	20.2	1.0	1.2	0	0
24	12.1	1.0	18.4	0	0
25	12.1	2.6	18.4	1.6	0
26	12.1	2.6	16.0	1.6	0
27	12.1	2.6	16.0	2.1	0
28	9.0	2.1	14.4	2.1	0
29	9.0	2.1	0	2.1	0
30	28.2	2.1	0	2.1	0
31	28.2	---	2.4	2.1	-
Mean	9.8	4.1	3.1	1.1	0.4
Max.	28.2	28.2	18.4	2.4	2.1
Min.	0	0	0	0	0
A.F.	600	240	190	70	20

DISCHARGE IN SECOND FEET OF LONG PINE CREEK NEAR RIVERVIEW  
 Sec. 5-31-20 W.--Water Year Ending September 30, 1957

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	115	124	117	115	118	148	140	133	136	117	113	115
2	113	202	119	113	120	145	133	126	128	115	117	115
3	111	160	119	115	122	145	138	138	126	115	117	113
4	108	128	119	111	124	143	148	140	126	108	117	115
5	108	126	119	113	124	143	138	126	128	108	117	117
6	108	126	100	113	126	140	143	117	136	111	115	117
7	111	124	110	111	126	138	136	113	153	108	115	117
8	111	122	117	111	126	128	131	111	133	111	117	115
9	115	124	117	90	131	126	153	117	131	104	122	126
10	117	124	117	85	128	128	232	117	126	104	119	119
11	117	124	119	90	126	126	232	113	133	104	122	124
12	117	122	115	100	126	128	212	124	131	106	117	124
13	115	124	113	90	126	124	168	138	140	124	119	126
14	115	124	119	80	124	119	136	241	158	108	119	128
15	117	126	115	80	119	119	126	271	181	106	122	124
16	117	119	115	90	115	126	131	274	207	102	119	119
17	117	124	111	100	117	126	124	413	259	96	122	119
18	117	122	113	100	117	126	131	412	218	92	126	119
19	117	117	122	120	115	126	190	209	160	96	126	119
20	117	117	119	130	119	126	184	190	140	106	124	117
21	119	115	119	120	110	138	190	306	131	352	122	111
22	124	115	117	110	100	153	166	290	124	150	122	108
23	122	122	122	100	120	150	179	184	119	122	131	111
24	124	119	119	90	145	136	181	209	122	117	119	111
25	180	115	119	90	145	136	158	358	124	117	115	108
26	140	115	119	90	145	131	148	328	117	143	113	106
27	126	117	119	100	145	131	133	212	119	465	108	108
28	122	117	119	100	145	155	128	173	122	155	115	106
29	128	115	119	110	---	160	119	163	117	133	115	108
30	153	119	117	110	---	145	124	158	115	124	117	108
31	128	---	115	120	---	140	---	145	---	119	115	---
Mean	121	125	117	103	125	136	155	198	142	133	119	116
Max.	180	202	122	130	145	160	232	413	259	465	131	128
Min.	108	115	100	80	100	119	119	111	115	92	108	106
A.F.	7440	7430	7180	6340	6950	8340	9230	12200	8450	8210	7290	6890
Total acre-feet	95950 A.F.											



DISCHARGE IN SECOND FEET OF MELBETA DRAIN  
NEAR MELBETA--Sec. 13-21-54 W.  
Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	2	1	10	13	7
2	2	1	8	6	13
3	1	2	8	7	8
4	2	1	9	11	8
5	2	1	7	8	14
6	2	1	6	9	18
7	2	2	4	5	18
8	1	1	6	3	13
9	3	1	7	4	17
10	2	1	8	4	19
11	2	2	6	6	16
12	2	1	8	6	13
13	2	1	7	5	16
14	2	1	7	2	17
15	2	3	4	2	14
16	2	18	5	4	14
17	2	7	5	6	13
18	1	12	5	5	14
19	1	6	18	7	19
20	29	17	12	5	17
21	3	8	12	4	7
22	2	14	11	7	5
23	2	8	10	10	4
24	3	10	20	7	4
25	2	14	17	2	3
26	1	14	12	2	2
27	1	10	13	2	2
28	0	10	12	8	2
29	1	8	11	9	2
30	1	5	10	8	1
31	1	-	3	7	-
Mean	3	6	9	6	11
Max.	29	18	20	13	19
Min.	0	1	4	2	1
A.F.	160	360	560	370	640

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET  
From Niobrara River--Sec. 28-29-49 W.  
Live Storage For Irrigation  
Water Year Ending September 30, 1957

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	17680	-----
3	-----	-----	-----	-----	-----	-----	-----	19600	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	17220	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	26050	16900	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	16720	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	16520	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	25230	16370	-----
9	-----	-----	7750	-----	-----	-----	-----	20200	24380	24630	16230	12540
10	4170	-----	-----	-----	11820	14310	17440	-----	-----	23800	-----	-----
11	-----	4980	-----	-----	-----	-----	-----	-----	-----	23250	15800	-----
12	-----	-----	-----	10390	-----	-----	-----	-----	-----	22780	15360	-----
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14920	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	22010	14450	-----
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	21310	15250	-----
16	-----	-----	-----	-----	-----	14790	-----	-----	25570	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	18330	-----	-----	20140	-----	-----
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14240	-----
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12210
20	4270	5800	8790	10750	-----	15100	18640	21660	25920	19410	13910	-----
21	-----	-----	-----	-----	12710	-----	-----	-----	-----	19850	-----	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13860	-----
23	-----	-----	-----	-----	-----	-----	-----	22030	-----	-----	13630	-----
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	19360	-----	-----
25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13380	-----
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	19490	13360	-----
27	-----	-----	9270	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	4420	-----	-----	-----	13390	-----	19410	-----	-----	19520	-----	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	19280	-----	-----
30	-----	6940	-----	11190	-----	-----	19430	23410	26120	18840	-----	12100
31	-----	-----	-----	-----	-----	16140	-----	-----	-----	18580	13300	-----

DISCHARGE IN SECOND-FEET OF OAK CREEK NEAR LOUP CITY  
 Sec. 12-15-14 W.—Water Year Ending September 30, 1957

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	8.4	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	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	2.6
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	3.8	0	0	0	0
13	0	0	0	0	0	0	0	8.9	0	0	0	4.9
14	0	0	0	0	0	0	0	98	0	4.9	0	111
15	0	0	0	0	0	0	0	2.7	0	8.0	0	3.0
16	0	0	0	0	0	0	0	54	369	0	0	0
17	0	0	0	0	0	0	0	20	171	0	0	0
18	0	0	0	0	0	0	0	.4	5.9	0	0	0
19	0	0	0	0	0	0	0	0	1.1	0	0	0
20	0	0	0	0	0	0	0	0	.1	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	6.8	8.3	0	0	0	0
23	0	0	0	0	0	0	12	0	0	0	0	0
24	0	0	0	0	0	0	.6	.5	0	0	0	0
25	0	0	0	0	0	0	0	35	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	.6	0
28	0	0	0	0	0	0	0	0	0	0	.7	0
29	1.7	0	0	0	-	-	0	0	0	0	0	0
30	4.2	0	0	0	-	-	0	0	0	0	0	0
31	0	-	0	0	-	-	-	0	-	0	0	-
Mean	.2	0	0	0	0	0	.6	7.7	18.2	1.8	.04	5.5
Max.	4.2	0	0	0	0	0	12	98	369	4.9	.7	111
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	12	0	0	0	0	0	38	476	1090	113	2.6	328

Total acre-feet 2060 A.F.

DISCHARGE IN SECOND-FEET OF SILVERHILL DRAIN NEAR BRIDGEPORT  
 Sec. 6-19-49 W.—Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	11	4	28	7	3
2	3	4	22	28	8
3	3	4	10	17	20
4	4	4	6	20	26
5	4	4	7	13	36
6	4	4	18	16	34
7	4	4	6	6	31
8	4	4	8	9	28
9	4	4	8	14	34
10	4	4	5	8	34
11	3	4	13	15	20
12	4	4	13	9	38
13	5	4	8	17	27
14	4	4	14	26	30
15	4	4	6	22	26
16	4	4	7	12	23
17	4	30	4	10	21
18	4	44	9	16	23
19	5	34	27	8	26
20	12	7	16	11	27
21	4	7	8	8	26
22	4	32	24	22	24
23	3	26	17	24	26
24	9	22	17	16	27
25	8	7	8	11	24
26	4	3	8	18	7
27	4	3	26	29	5
28	4	10	32	5	5
29	4	9	21	3	3
30	4	13	26	6	23
31	4	-	4	7	-
Mean	5	10	14	14	23
Max.	12	44	32	29	38
Min.	3	3	4	3	3
A.F.	290	620	840	860	1300

DISCHARGE IN SECOND-FEET OF STREVER CREEK  
 Sec. 1-2-20 W.—Water Year Ending September 30, 1957

Date	May	June	July	Aug.	Sept.
1	0	2	10	2	12
2	0	27	7	4	13
3	0	15	6	3	12
4	0	12	16	0	14
5	0	3	12	0	13
6	0	4	12	2	13
7	0	3	13	1	11
8	0	3	13	4	13
9	0	2	12	1	12
10	0	2	14	3	16
11	0	1	14	4	17
12	0	2	12	4	16
13	0	2	12	1	15
14	0	2	11	4	20
15	0	4	15	5	35
16	0	39	21	4	22
17	0	158	15	7	19
18	18	92	18	7	17
19	5	60	14	8	15
20	2	54	13	7	14
21	1	37	14	7	7
22	0	29	8	6	12
23	0	21	8	7	11
24	0	22	5	7	11
25	0	22	3	7	6
26	17	21	2	9	8
27	7	25	5	8	6
28	6	28	5	10	5
29	9	19	5	10	4
30	3	15	6	12	3
31	1	-	5	12	-
Mean	2	24	105	5	13
Max.	18	158	21	12	35
Min.	0	1	2	0	3
A.F.	140	1450	650	330	780

WHITNEY RESERVOIR STORAGE IN ACRE-FEET  
 From White River--Sec. 34-33-51 W.  
 Water Year Ending September 30, 1957

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	6560	---	---	---	---	---	---
2	---	---	---	---	---	---	7850	---	---	---	8830	---
3	1650	---	---	4400	---	---	---	---	---	---	---	---
4	---	---	---	---	5500	---	---	---	---	---	---	---
5	---	---	---	---	---	---	8060	---	---	---	---	---
6	---	---	3310	---	---	---	---	9750	---	---	---	---
7	---	---	---	---	5660	---	---	---	10250	---	---	---
8	---	---	---	4500	---	6830	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	1600	---	---	---	---	---	---	9850	---	---	---	---
11	---	---	---	---	5770	---	8450	---	---	---	---	---
12	---	---	---	---	---	---	8490	---	---	9620	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	4820	---	7070	8700	---	---	---	---	---
16	---	2700	---	---	6000	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	1560	2880	---	---	---	---	---	---	---	---	---	---
19	---	---	---	4890	---	---	8880	---	---	---	---	---
20	---	---	---	---	6140	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	5350
22	---	---	---	---	---	7350	---	---	---	---	7130	---
23	1490	---	---	---	---	---	---	10160	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	5170	6370	---	---	---	---	---	---	---
26	---	---	---	---	---	---	9170	10250	---	---	---	---
27	---	3120	---	---	---	7630	---	---	---	---	---	---
28	---	---	---	---	---	---	9260	---	---	---	---	---
29	---	---	---	---	---	7680	---	---	---	---	---	---
30	---	3200	---	---	---	---	---	10250	---	---	---	5340
31	1490	---	---	5400	---	---	---	---	---	---	---	---

DISCHARGE INTO NORTH PLATTE RIVER  
FROM DRAINS-STATE LINE TO BRIDGEPORT  
1957

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS  
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT  
Values in Acre-feet  
For the Water Year Ending September 30, 1957

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	1460	1080	180	120	110	70	60	60	2110	1430	2780	1940	11400
Bayard Sugar Factory Drain	1420	1780	1490	1330	1180	1320	760	2030	880	1450	2050	2340	18030
*Cleveland Drain	250	230	140	120	110	140	220	540	1040	650	910	1430	5780
*DeGraw Drain	180	400	250	180	170	180	180	350	330	480	270	470	3440
+Dugout Creek, Upper	370	430	360	200	150	90	60	120	310	370	610	890	3960
*Fairfield Seep	50	20	0	0	0	0	0	0	0	20	60	40	190
*Farming Seep	130	100	110	60	60	10	0	30	50	20	90	120	780
Gering Drain	1790	1800	1500	1410	1250	1360	1300	2820	2810	7380	3610	4230	31260
Horse Creek	2280	2100	1600	940	1000	1050	1210	3330	6120	12250	10570	11030	53480
+Indian Creek	250	270	240	180	160	180	160	250	830	780	670	990	4960
*Lane Drain	170	160	110	100	60	60	60	60	100	310	510	430	2130
+Melbeta Drain	30	80	150	160	60	80	120	160	360	560	370	640	2770
Nine Mile Drain	7070	5340	4680	4330	3510	3820	3770	5210	5720	8470	9720	11110	72750
Red Willow Drain	5220	4520	3980	3380	2890	2950	3280	4040	3780	5570	4940	7040	51590
*Scottsbluff Drain No. 1	740	540	300	200	170	150	120	250	350	330	410	480	4040
*Scottsbluff Drain No. 2	140	130	120	60	60	60	60	120	220	570	570	450	2560
Sheep Creek	4790	4580	1940	40	50	2000	3530	3620	3110	420	780	1750	26610
Spotted Tail Creek, Dry	1180	880	810	1030	860	990	1210	2930	1700	2330	2630	2570	19120
*Spotted Tail Creek, Wet	520	760	640	460	450	390	450	530	490	550	1040	840	7120
Tub Springs	3190	2540	1850	1720	1450	1660	1890	2510	3080	2260	1260	4050	27460
Winters Creek	3850	3970	3450	2930	2660	2570	2420	3060	4050	3470	2730	3770	38930
<b>Totals</b>	<b>35080</b>	<b>31710</b>	<b>23900</b>	<b>18950</b>	<b>16410</b>	<b>19130</b>	<b>20860</b>	<b>32020</b>	<b>37440</b>	<b>49670</b>	<b>46580</b>	<b>56610</b>	<b>388360</b>

\*Estimated for entire year from measurements.

+Estimated October-April, inclusive. One reading daily May-September.

DAILY DIVERSION OF CANALS  
1957

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	24	0	0	17	2	0
2	25	0	0	16	12	0
3	24	0	0	16	7	0
4	24	0	0	16	0	0
5	23	0	5	16	0	0
6	24	0	9	15	0	0
7	24	0	0	15	0	0
8	23	0	0	15	0	0
9	22	0	0	14	0	0
10	23	0	6	14	0	0
11	20	0	0	15	0	0
12	12	0	2	15	0	0
13	0	0	17	15	0	0
14	0	0	16	15	0	0
15	0	0	18	15	0	0
16	0	0	17	15	0	0
17	0	0	16	4	0	0
18	0	0	18	4	0	4
19	0	0	16	10	0	10
20	0	0	15	15	0	11
21	0	0	14	14	0	10
22	0	0	15	16	0	11
23	0	0	17	11	0	11
24	0	0	16	0	0	11
25	0	0	17	0	0	10
26	0	0	16	0	0	9
27	0	0	17	0	0	6
28	0	0	18	0	0	9
29	0	0	17	0	0	19
30	0	0	17	0	0	18
31	0	0	—	0	0	—
Mean	9	0	11	10	1	5
Max.	25	0	18	17	12	19
Min.	0	0	0	0	0	0
A.F.	530	0	630	630	40	280
Water diverted	2110 A.F.			Acreage reported		D-874-1035 2106

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

Date	Oct.	May	June	July	Aug.	Sept.
1	40	0	0	28	12	28
2	38	0	0	28	37	32
3	32	0	0	28	40	35
4	25	0	18	28	40	35
5	26	0	25	21	45	34
6	24	10	20	24	45	29
7	23	17	0	26	37	27
8	24	19	0	28	41	28
9	24	18	15	20	48	30
10	24	17	15	18	45	32
11	20	17	4	24	44	33
12	16	17	14	25	45	35
13	5	12	25	29	46	35
14	0	12	23	24	48	34
15	0	13	26	18	52	27
16	0	4	27	18	55	31
17	0	0	26	17	56	31
18	0	0	25	22	59	29
19	0	0	24	35	58	30
20	0	0	25	51	51	31
21	0	0	25	51	46	30
22	0	0	24	50	38	29
23	0	0	25	35	41	24
24	0	0	26	0	43	24
25	0	0	24	0	46	25
26	0	0	29	18	45	29
27	0	0	38	44	17	33
28	0	0	30	40	0	34
29	0	0	26	26	27	31
30	0	0	27	0	0	31
31	0	0	—	0	23	—
Mean	10	5	20	25	40	31
Max.	40	19	38	51	59	35
Min.	0	0	0	0	0	24
A.F.	640	310	1160	1540	2440	1820
Water diverted	7910 A.F.			Acreage reported		D-874-1035 4022
					A-1181	80
					A-1432	60
					A-1436	18
					Total	4180

DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	3
2	0	0	0	0	2
3	0	0	0	0	2
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	2	2
9	0	0	0	2	2
10	0	0	0	2	3
11	0	0	0	1	3
12	0	0	0	1	3
13	0	0	0	1	3
14	0	0	0	1	3
15	0	0	0	1	3
16	0	0	0	2	0
17	0	0	0	2	0
18	0	0	0	2	0
19	0	0	0	2	0
20	0	0	0	2	0
21	0	0	0	2	0
22	0	0	0	3	0
23	0	0	0	2	0
24	0	0	0	1	0
25	0	0	0	2	0
26	0	0	0	2	0
27	0	0	0	3	0
28	0	0	0	3	0
29	0	0	0	3	0
30	0	0	0	3	0
31	0	—	—	3	—
Mean	0	0	0	2	1
Max.	0	0	0	3	3
Min.	0	0	0	0	0
A.F.	0	0	0	100	70
Water diverted	170 A.F.			Acreage reported	
				D-342	55
				D-344	30
				A-897R	8
				A-4531	50
				Total	143

DAILY DIVERSIONS OF CANALS--1957  
BARTLEY CANAL from Republican River  
Measured through Parshall flume--Sec. 17-3-27 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	0	79	22
2	14	0	0	0	86	25
3	15	0	0	0	89	26
4	15	0	0	0	89	24
5	15	0	0	0	88	21
6	16	0	0	0	88	18
7	15	0	0	0	88	19
8	15	0	0	0	88	20
9	15	0	0	0	87	19
10	14	0	0	0	86	16
11	13	0	0	12	87	8
12	10	0	0	23	82	0
13	9	0	0	28	73	0
14	8	0	0	32	74	0
15	3	0	0	36	74	0
16	0	0	0	47	74	0
17	0	0	0	67	72	0
18	0	0	0	82	68	0
19	0	0	0	86	69	0
20	0	0	0	98	72	0
21	0	0	0	99	79	0
22	0	0	0	99	77	0
23	0	0	0	98	73	0
24	0	0	0	99	73	0
25	0	0	0	102	74	0
26	0	0	0	101	70	0
27	0	0	0	83	66	8
28	0	0	0	82	54	20
29	0	0	0	82	45	16
30	0	0	0	81	44	15
31	0	0	—	78	30	—
Mean	6	0	0	49	74	9
Max.	16	0	0	102	89	26
Min.	0	0	0	0	30	0
A.F.	370	0	0	3070	4510	550
Water diverted	8490 A.F.			Acreage reported		A3869d-6460, A0217-273. Total 6733.

DAILY DIVERSIONS OF CANALS--1957  
 BERLINE CANAL from North Platte River  
 Measured through rating flume--Sec. 24-19-49 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	23	0	7	5	6	8
2	25	0	6	5	5	4
3	26	0	11	4	4	0
4	27	0	11	1	3	0
5	18	0	10	4	4	0
6	12	0	15	9	5	1
7	8	0	15	13	5	4
8	9	0	14	18	7	5
9	7	0	13	17	13	2
10	4	0	13	17	10	0
11	1	0	17	18	10	0
12	0	0	9	21	8	1
13	0	0	6	20	6	3
14	2	0	6	14	5	4
15	4	0	6	0	5	6
16	2	0	8	0	5	8
17	0	0	7	0	5	8
18	0	0	5	0	6	8
19	0	0	4	3	11	7
20	0	0	2	9	14	9
21	0	0	2	11	11	9
22	0	0	2	10	13	10
23	0	0	2	10	15	9
24	0	0	2	10	16	9
25	0	0	1	8	17	8
26	0	0	1	11	17	8
27	0	0	1	11	18	9
28	0	0	1	11	18	9
29	0	0	2	11	19	9
30	0	0	4	13	9	9
31	0	5	-	10	11	-
Mean	5	0	7	9	10	6
Max.	27	5	17	21	19	10
Min.	0	0	1	0	3	0
A.F.	330	10	400	580	600	330

Water diverted 2250 A.F.  
 Acreage reported D887-2080.  
 Pathfinder storage available.

DAILY DIVERSIONS OF CANALS--1957  
 BELMONT-EMPIRE CANAL from North Platte River  
 Measured through rating flume--Sec. 18-20-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	118	0	38	125	124	91
2	155	0	40	127	128	79
3	166	0	59	125	132	93
4	163	0	68	120	138	94
5	146	0	61	131	139	93
6	131	0	67	127	136	89
7	115	0	64	118	131	87
8	118	0	64	171	70	82
9	118	0	67	169	97	76
10	89	0	67	139	104	69
11	78	0	67	129	138	67
12	76	0	65	124	138	82
13	43	0	80	136	131	100
14	0	0	80	118	132	129
15	0	51	79	93	135	148
16	0	38	84	93	143	136
17	0	35	85	97	162	113
18	0	35	85	121	169	111
19	0	34	83	96	129	108
20	0	26	92	128	127	109
21	0	11	89	117	145	111
22	0	11	79	127	138	110
23	0	19	83	155	135	104
24	0	16	87	82	134	93
25	0	12	87	0	136	84
26	0	8	89	19	136	79
27	0	7	109	21	135	102
28	0	11	118	0	134	117
29	0	40	109	52	122	117
30	0	37	121	83	100	121
31	0	35	---	108	92	---
Mean	50	14	79	105	129	100
Max.	166	51	121	171	169	148
Min.	0	0	38	0	70	67
A.F.	3070	840	4690	6450	7950	5940

Water diverted 28940 A.F.

DAILY DIVERSIONS OF CANALS--1957  
 BELMONT CANAL from Cedar Creek  
 Measured through rating flume--Sec. 23-18-48 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	0	0	4
2	4	0	0	0	0	4
3	4	0	0	0	0	4
4	4	0	0	0	0	4
5	4	0	0	0	0	4
6	4	0	0	0	0	4
7	4	0	0	0	0	4
8	4	0	0	0	0	4
9	4	0	0	2	0	4
10	4	0	0	2	5	4
11	4	0	0	5	2	3
12	3	0	0	4	1	3
13	3	0	0	0	3	0
14	3	0	0	0	5	0
15	3	0	0	0	5	0
16	3	0	0	0	4	0
17	3	0	0	0	3	0
18	4	0	0	0	2	0
19	4	0	0	0	2	0
20	5	0	0	0	2	0
21	5	0	0	0	2	0
22	6	0	0	0	2	0
23	6	0	0	0	2	0
24	6	0	0	0	2	0
25	6	0	0	0	3	0
26	7	0	0	0	3	0
27	0	0	0	0	3	0
28	0	0	0	0	3	0
29	0	0	0	0	3	0
30	0	0	0	0	3	0
31	0	0	0	0	3	0
Mean	4	0	0	0	2	2
Max.	7	0	0	5	5	4
Min.	0	0	0	0	0	0
A.F.	220	0	0	30	120	90

Water diverted 460 A.F.

DAILY DIVERSIONS OF CANALS--1957  
 BELMONT SPILL into Pumpkinseed Creek  
 For D-428 lands via Meredith-Ammer Canal  
 Measured through weir--Sec. 23-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	21	24	0	42
2	0	0	21	22	0	42
3	7	0	10	11	0	42
4	11	0	12	3	1	42
5	16	0	23	2	2	42
6	19	0	10	2	2	41
7	18	0	8	2	2	40
8	19	0	8	2	1	39
9	19	0	8	2	1	37
10	18	0	7	2	1	36
11	16	0	7	1	1	17
12	15	0	5	1	1	7
13	12	0	10	1	1	20
14	0	0	16	1	1	29
15	0	0	16	1	1	31
16	0	0	17	1	1	31
17	0	0	25	1	1	29
18	0	15	34	4	1	27
19	0	16	33	12	6	24
20	0	18	32	2	12	21
21	0	3	28	7	13	19
22	0	0	23	6	13	18
23	0	0	25	2	13	17
24	0	0	25	1	3	16
25	0	0	23	0	1	15
26	0	0	15	0	0	14
27	0	0	25	1	0	14
28	0	0	24	0	0	16
29	0	0	24	0	19	16
30	0	0	24	1	21	16
31	0	0	---	1	37	---
Mean	5	2	19	4	5	27
Max.	19	18	34	24	37	42
Min.	0	0	5	0	0	7
A.F.	340	100	1110	230	330	1590

Water transferred 3700 A.F.



DAILY DIVERSIONS OF CANALS--1957

BELMONT-EMPIRE CANAL

Summary in Acre-feet--1957

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	3070	840	4690	6450	7950	5940	29940
Cedar Creek (D-828)....	220	0	0	30	120	90	460
Total diversion.....	3290	840	4690	6480	8070	6030	29400
Water diverted						Acres reported	
29400 A.F.						D-828	14351
						D-253	1949
						Total	15900

DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	5	2	0
2	0	0	6	1	0
3	0	0	6	1	0
4	2	0	5	1	0
5	2	0	5	1	0
6	3	0	5	1	0
7	3	0	4	1	0
8	3	0	4	1	0
9	3	0	4	3	0
10	3	0	4	3	2
11	3	0	3	3	2
12	3	0	3	1	2
13	3	0	3	1	2
14	3	0	3	4	2
15	0	0	3	4	2
16	0	0	0	4	1
17	0	0	0	4	1
18	0	0	0	4	1
19	0	0	0	3	1
20	0	0	0	4	1
21	0	0	0	4	1
22	0	4	0	4	1
23	0	4	0	4	1
24	0	4	0	2	1
25	0	5	0	0	0
26	0	5	0	0	0
27	0	5	0	0	1
28	0	5	0	0	1
29	0	5	0	0	1
30	0	5	1	0	1
31	0	-	2	0	-
Mean	1	1	2	2	1
Max.	3	5	6	4	2
Min.	0	0	0	0	0
A.F.	60	80	130	120	50
Water diverted					
440 A.F.					
			Acres reported		
			A- 691		86
			A-1975 (Storage only)		44
			Total		500
Bennett Reservoir Storage included					

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	2.2	3.2	0	0	0	0	0
2	2.1	0.8	0	0	0	0	0
3	2.8	0	0	0	0	0	0
4	2.8	0	0	0	0	0	0
5	2.2	0	0	0	0	0	0
6	2.2	0	0	0	0	0	0
7	2.5	0	0	0	0	0	0
8	2.9	0	0	0	0	0	0
9	3.0	0	0	0	0	0	0
10	3.1	0	0	0	0	0	0
11	3.4	0	0	0	0	0	0
12	3.3	0	0	0	0	0	0
13	3.4	0	0	0	0	0	0
14	3.4	0	0	0	0	0	0
15	3.1	0	0	0	0	0	0
16	2.8	0	0	0	0	0	0
17	2.7	0	0	0	0	0	0
18	2.8	0	0	0	0	0	0
19	2.7	0	0	0	0	0	0
20	2.8	0	0	0	0	0	0
21	2.8	0	0	0	0	0	0
22	3.0	0	0	0	0	0	0
23	3.0	0	0	0	0	0	0
24	2.7	0	0	0	0	0	0
25	2.4	0	0	0	0	0	0
26	2.4	0	0	0	0	0	0
27	2.5	0	0	0	0	0	0
28	2.7	0	0	0	0	0	0
29	2.8	0	0	0	0	0	0
30	3.2	0	0	0	0	0	0
31	3.2	-	0	-	0	0	-
Mean	2.8	0.1	0	0	0	0	0
Max.	3.4	3.2	0	0	0	0	0
Min.	2.1	0	0	0	0	0	0
A.F.	170	10	0	0	0	0	0
Water diverted							
180 A.F.							
						Acres reported	
						A-1249	238



DAILY DIVERSIONS OF CANALS--1957

BOELUS POWER CANAL from Middle Loup River  
Measured through power wheels--Sec. 27-13-12 W.

Table with 12 columns: Date, Oct., Nov., Dec., Jan., Feb., Mar., Apr., May, June, July, Aug., Sept. It contains daily diversion data from Oct. 1 to Sept. 30, including mean, maximum, and minimum values, and a total acre-foot calculation of 258500 A.F.

DAILY DIVERSIONS OF CANALS--1957

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

Table with 7 columns: Date, Oct., May, June, July, Aug., Sept. It contains daily diversion data from Oct. 1 to Sept. 31, including mean, maximum, and minimum values, and a total acre-foot calculation of 3360 A.F.

DAILY DIVERSIONS OF CANALS--1957

CASTLE ROCK-STEAMBOAT CANAL from North Platte River  
Measured through rating flume--Sec. 11-21-54 W.

Table with 7 columns: Date, Oct., May, June, July, Aug., Sept. It contains daily diversion data from Oct. 1 to Sept. 31, including mean, maximum, and minimum values, and a total acre-foot calculation of 6538 A.F.

DAILY DIVERSIONS OF CANALS--1957  
 CAMBRIDGE CANAL from Republican River  
 Measured through 15' Parshall flume--Sec. 27-4-25 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	44	0	0	0	133	40
2	40	0	0	0	231	52
3	18	0	0	0	283	60
4	36	0	0	0	285	65
5	11	0	0	0	276	55
6	38	0	0	0	266	51
7	36	0	0	0	268	45
8	36	0	0	30	247	46
9	40	0	0	62	238	28
10	42	0	0	51	234	0
11	43	0	0	44	232	0
12	42	0	0	40	226	0
13	41	0	0	53	223	0
14	41	0	0	64	224	0
15	42	0	0	81	223	0
16	42	0	0	85	216	0
17	29	0	0	120	184	0
18	0	0	0	133	171	0
19	0	0	0	186	152	0
20	0	0	0	204	134	0
21	0	0	0	208	109	0
22	0	0	0	250	104	0
23	0	0	0	278	102	0
24	0	0	0	268	100	0
25	0	0	0	268	100	0
26	0	0	0	269	109	9
27	0	0	0	263	112	38
28	0	0	0	273	113	39
29	0	0	0	273	92	35
30	0	0	0	276	66	36
31	0	0	-	278	50	--
Mean	21	0	0	131	184	20
Max.	44	0	0	270	285	65
Min.	0	0	0	0	50	0
A.F.	1270	0	0	8050	11310	1200

Water diverted 21830 A.F.  
 Acreage reported A3869a-15095, A6218-466, A9479-221.  
 Total 15782.  
 Supplemental storage available.

DAILY DIVERSIONS OF CANALS--1957  
 CENTRAL CANAL from North Platte River  
 Measured through rating flume--Sec. 36-22-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	17	0	0	0	0	24
2	19	0	0	0	0	21
3	19	0	0	10	7	19
4	15	0	0	14	11	20
5	6	0	11	13	13	20
6	0	0	7	12	13	17
7	0	0	0	14	13	15
8	0	0	7	16	13	13
9	0	0	10	16	19	19
10	0	0	9	15	28	15
11	0	0	2	20	29	14
12	0	0	2	18	28	14
13	0	0	8	22	28	13
14	0	0	11	24	26	14
15	0	0	7	24	24	11
16	0	0	6	24	23	10
17	0	0	10	24	27	9
18	0	0	11	20	26	8
19	0	0	9	0	24	4
20	0	0	8	9	24	3
21	0	0	7	16	23	3
22	0	0	5	13	23	5
23	0	0	4	11	21	4
24	0	0	4	0	19	5
25	0	0	2	0	21	7
26	0	0	0	0	20	9
27	0	0	0	0	23	11
28	0	0	0	2	24	8
29	0	0	0	10	26	12
30	0	0	0	0	24	11
31	0	0	-	0	23	--
Mean	2	0	5	11	20	12
Max.	19	0	11	24	29	24
Min.	0	0	0	0	0	3
A.F.	150	0	280	690	1240	720

Water diverted 3080 A.F.  
 Acreage reported D926-2077.  
 Pathfinder storage available.

DAILY DIVERSIONS OF CANALS--1957  
 CHIMNEY ROCK CANAL from North Platte River  
 Measured through rating flume--Sec. 1-20-53 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	49	0	13	23	37	40
2	40	0	13	25	38	41
3	35	0	13	24	38	39
4	31	0	13	23	38	37
5	34	0	18	36	40	32
6	42	0	12	40	42	31
7	47	0	12	46	43	29
8	47	0	12	52	52	28
9	48	0	12	54	50	28
10	50	0	11	61	52	31
11	49	0	10	68	49	31
12	42	0	15	68	57	36
13	38	0	17	62	59	31
14	0	0	15	57	61	30
15	0	0	15	59	63	28
16	0	0	17	59	63	29
17	0	0	13	60	62	32
18	0	0	16	61	58	33
19	0	0	15	67	57	39
20	0	0	13	60	57	43
21	0	0	15	56	55	37
22	0	9	13	53	54	0
23	0	16	12	49	54	0
24	0	13	15	41	53	31
25	0	18	19	34	51	33
26	0	16	22	30	50	33
27	0	9	20	26	41	31
28	0	13	21	26	47	33
29	0	11	18	23	45	33
30	0	17	15	23	44	33
31	0	13	--	28	43	--
Mean	18	4	15	45	50	31
Max.	50	18	22	68	63	43
Min.	0	0	10	23	37	0
A.F.	1100	270	880	2700	3080	1850

Water diverted 9940 A.F.  
 Acreage reported D844 - D1031-5100, A2190-47.  
 Total 5447.

DAILY DIVERSIONS OF CANALS--1957

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

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

Water diverted 0  
 Acreage reported D-400 220

DAILY DIVERSIONS OF CANALS--1957  
 CODY-DILLON CANAL from North Platte River  
 Measured over weir in Sec. 10-14-31 W.

Date	Oct.	Nov.	June	July	Aug.	Sept.
1	12	1	0	13	48	14
2	12	3	0	9	45	12
3	12	8	0	10	44	6
4	12	3	0	19	48	2
5	10	2	0	16	46	1
6	9	1	0	9	40	7
7	8	0	0	10	59	36
8	14	0	0	20	62	28
9	15	0	0	15	57	30
10	14	0	0	15	45	32
11	13	0	0	15	44	32
12	14	0	0	12	42	30
13	14	0	0	12	40	28
14	13	0	0	12	38	16
15	12	0	0	15	34	12
16	35	0	0	24	38	4
17	60	0	0	17	33	3
18	67	0	0	19	26	2
19	59	0	0	28	22	4
20	39	0	1	33	19	4
21	37	0	1	28	12	3
22	39	0	0	30	10	2
23	30	0	1	30	27	2
24	27	0	0	26	22	2
25	29	0	0	27	11	2
26	26	0	6	28	4	2
27	16	0	19	29	4	2
28	10	0	21	30	5	2
29	7	0	21	28	12	2
30	6	0	16	28	14	2
31	2	0	—	34	11	—
Mean	22	1	3	21	31	11
Max.	67	8	21	33	62	36
Min.	2	0	0	9	4	1
A.F.	1330	40	170	1270	1910	640

Water diverted 5360 A.F.  
 Acreage reported D649-4759.

DAILY DIVERSIONS OF CANALS--1957

COLUMBUS POWER CANAL from Loup River  
 Measured through section of canal--Sec. 6-16-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1230	2430	1940	1450	1300	1920	2336	2300	2570	1780	1190	1500
2	1250	2270	1920	187	1410	1970	2340	2630	2480	2180	1090	1740
3	1380	2200	1920	997	1520	2080	2590	2320	2210	1760	1280	1520
4	1380	2190	1920	136	1640	2370	2980	2310	2020	1650	1350	1390
5	1380	2470	1700	765	1620	2440	3010	2290	1840	1520	1290	1320
6	1380	2170	144	1200	1630	2270	3020	2220	1810	1440	1200	1490
7	1410	2040	70	225	1650	2060	2720	2090	2190	1370	1180	1490
8	1350	2170	79	92	1680	2180	2700	1980	2060	1540	1220	1330
9	1360	2100	230	50	1730	2130	2450	1890	2070	1540	1200	1440
10	1420	2040	393	116	1740	2060	2390	2650	2080	1370	1280	2000
11	1450	1790	561	235	1730	2020	2460	2830	2150	1300	1390	2270
12	1450	1800	954	235	1840	2070	2600	2930	1990	1280	1320	1910
13	1420	1890	1450	404	1860	1970	2720	2970	1900	1280	1230	1810
14	1400	1810	1790	523	1920	2180	2760	3170	1960	2270	1100	3140
15	1520	1910	1780	574	1900	1310	2610	3240	2280	3270	1010	3320
16	1520	280	1860	698	1880	2170	2280	3330	2830	2950	970	3150
17	1520	939	2000	822	1900	2030	2660	3280	2840	2060	1010	2290
18	1570	1930	1820	860	1880	2910	2440	3270	3030	1530	1010	1980
19	1540	1870	1870	930	822	2580	2340	3320	3010	1240	978	1820
20	1660	1200	1840	1040	1970	2320	2370	3320	3100	1180	986	2570
21	1740	148	2040	1050	1020	2330	2440	3240	2610	1210	1090	2420
22	1690	129	2320	1030	144	2340	2350	3160	2480	1100	1150	2290
23	1740	1670	2540	1030	421	2600	3080	3130	2330	1060	1180	2070
24	1660	1840	2500	1180	860	3080	3350	2850	2190	1320	1200	1970
25	1590	2200	2390	1320	1810	3150	3080	2810	2020	1480	1150	1820
26	1600	1320	2480	1550	1770	2960	3220	2970	1880	1390	1090	1760
27	2510	1490	2610	1550	1400	2420	2930	3010	1930	1220	1180	1840
28	2150	1170	2670	1410	1970	2300	2560	2630	2090	1070	1230	1830
29	1860	144	937	1340	—	2280	2370	2490	1950	930	1450	1800
30	2010	1010	781	1180	—	2310	2180	2600	1820	938	1760	1760
31	2640	—	2290	1170	—	2360	—	2550	—	1510	1660	—
Mean	1696	1621	1606	818	1536	2296	2644	2767	2255	1540	2207	1968
Max.	2640	2470	2670	1550	1970	3150	3350	3330	3100	3270	1760	3320
Min.	1230	129	70	50	144	1310	2180	1890	1810	930	970	1320
A.F.	98740	96440	98770	50280	85320	141160	157350	170140	134200	94690	74230	117100

Water diverted 1318420 A.F.

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	1.1	1.5	0	1.5	0.6	1.1	0
2	1.2	1.7	0	1.5	.8	1.1	0
3	1.2	.4	0	1.4	1.2	1.0	0
4	1.3	0	0	1.4	1.5	1.0	0.9
5	1.0	0	0	.9	1.5	1.0	1.8
6	1.3	0	0	1.3	1.3	1.3	1.6
7	1.5	0	0	1.3	1.3	1.0	1.5
8	1.2	0	0	1.3	1.3	.9	1.5
9	.9	0	0	1.3	1.3	.8	1.8
10	1.8	0	0	1.2	1.2	.8	1.8
11	1.9	0	0	1.2	1.2	.6	1.7
12	1.6	0	0	1.9	1.2	.4	1.7
13	1.6	0	0	1.8	1.3	.4	2.3
14	2.5	0	0	1.6	1.4	.4	2.2
15	3.0	0	0	1.8	1.2	.4	2.0
16	2.9	0	0	1.8	1.2	.4	1.9
17	2.8	0	0	1.9	1.2	.6	2.0
18	2.7	0	0	1.8	1.1	.5	1.9
19	2.8	0	0	1.6	1.3	.4	1.9
20	2.8	0	1.9	1.4	1.3	.2	1.9
21	2.4	0	1.9	1.3	1.4	0	1.8
22	1.2	0	1.9	1.0	1.2	0	1.9
23	1.0	0	1.8	.9	1.3	0	2.2
24	1.1	0	1.8	.9	1.3	0	2.0
25	1.4	0	2.0	.8	1.2	0	1.8
26	1.5	0	2.0	.8	1.3	0	1.9
27	1.5	0	1.8	.9	1.2	0	2.0
28	1.5	0	1.6	.7	1.1	0	2.0
29	1.5	0	1.5	.6	1.1	0	2.7
30	1.5	0	1.5	.5	1.0	0	2.4
31	1.5	-	1.5	-	1.0	0	-
Mean	1.7	0.1	0.7	1.3	1.2	0.5	1.7
Max.	3.0	1.7	2.0	1.9	1.5	1.3	2.7
Min.	0.9	0	0	0.5	0.6	0	0
A.F.	110	10	40	80	70	30	100
Water diverted	440						
440 A.F.							
Acreage reported							
D-990 (for Canal#1)	150						

DAILY DIVERSIONS OF CANALS--1957  
COURT HOUSE ROCK CANAL from Pumpkinsseed Creek  
Measured through rating flume--Sec. 30-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	9	13	14	17
2	10	0	13	17	16	17
3	10	0	12	16	16	17
4	10	0	12	16	14	17
5	9	0	12	15	7	17
6	9	0	12	13	13	17
7	9	0	12	4	12	17
8	12	0	12	14	12	18
9	13	0	12	14	12	18
10	18	0	12	11	13	16
11	18	0	12	13	17	15
12	18	0	12	14	7	14
13	11	0	12	14	15	13
14	13	0	12	15	17	11
15	14	0	12	15	17	11
16	14	0	12	15	17	9
17	14	0	12	15	17	7
18	13	0	11	15	16	5
19	13	0	11	15	16	2
20	14	0	11	16	15	0
21	14	0	11	16	15	0
22	13	0	9	16	14	0
23	14	0	9	16	14	2
24	14	0	9	17	17	15
25	14	0	9	18	18	15
26	13	0	8	17	18	15
27	12	0	7	16	18	7
28	12	0	7	16	19	1
29	13	0	6	16	19	7
30	13	0	10	16	19	17
31	13	0	-	12	17	-
Mean	13	0	11	15	15	11
Max.	18	0	13	18	19	18
Min.	9	0	6	4	7	0
A.F.	790	0	640	900	930	670
Water diverted	3930					
A.F.	D840-D1028-1444					

DAILY DIVERSIONS OF CANALS--1957  
COURTLAND CANAL from Republican River  
Measured through orifice--Sec. 18-1-9 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	34	0	0	0	256	51
2	38	0	0	0	259	51
3	41	0	65	0	259	42
4	40	0	65	0	259	40
5	35	0	65	79	252	18
6	30	0	65	72	232	6
7	30	0	65	65	211	5
8	30	0	58	63	202	5
9	30	0	54	62	202	7
10	30	0	66	65	202	10
11	30	0	66	66	202	5
12	30	0	66	69	198	0
13	30	0	65	75	194	0
14	30	0	65	79	194	0
15	10	0	57	125	202	0
16	0	0	20	165	131	0
17	0	0	0	206	86	0
18	0	0	0	245	86	0
19	0	0	0	271	87	16
20	0	0	0	312	90	33
21	0	0	0	321	87	33
22	0	0	0	318	81	33
23	0	0	0	308	79	34
24	0	0	0	284	76	34
25	0	0	0	292	76	34
26	0	0	0	292	81	34
27	0	0	0	288	98	34
28	0	0	0	281	92	34
29	0	0	0	274	84	34
30	0	0	0	263	51	33
31	0	0	-	256	51	-
Mean	15	0	28	168	150	21
Max.	41	0	66	321	259	51
Min.	0	0	0	0	51	0
A.F.	930	0	1670	10310	9240	1240
Water diverted	23390					
Acreage reported	44222-1671, 46224-113					
Total	1784					
Supplemental storage available.						

DAILY DIVERSIONS OF CANALS--1957  
COZAD CANAL from Platte River  
Measured through Parshall flume--Sec. 13-11-25 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	61	53	227	33
2	0	0	51	50	229	31
3	0	0	70	49	226	33
4	0	0	61	50	224	32
5	0	0	64	49	224	33
6	0	0	54	46	217	34
7	0	0	52	52	204	34
8	0	0	36	60	188	34
9	0	0	64	54	172	32
10	0	0	64	60	201	26
11	0	0	70	82	202	17
12	0	0	67	79	192	14
13	0	0	71	78	172	17
14	0	0	76	72	173	14
15	0	0	87	82	173	3
16	0	0	76	108	172	0
17	0	31	59	129	162	0
18	0	26	67	162	149	0
19	0	17	63	165	132	0
20	0	10	61	204	120	0
21	0	10	64	215	120	0
22	0	24	68	218	135	0
23	0	47	63	237	131	0
24	0	60	69	259	113	0
25	0	42	67	244	102	0
26	0	37	28	246	100	0
27	0	39	62	233	86	0
28	0	45	58	201	54	0
29	0	50	53	190	44	0
30	0	44	54	194	44	0
31	0	46	-	209	38	-
Mean	0	17	62	133	152	13
Max.	0	60	87	259	229	34
Min.	0	0	28	46	38	0
A.F.	0	1050	3690	8190	9360	770
Water diverted	23060					
Acreage reported	D626-20170					
Sutherland storage included.						

DAILY DIVERSIONS OF CANALS--1957

CULBERTSON CANAL from Frenchman River  
Measured through rating flume--Sec. 31-5-33 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	103	0	89	0	87	109	108
2	104	0	89	0	89	113	110
3	96	0	88	52	87	117	109
4	111	0	89	47	90	114	110
5	106	0	87	47	99	113	109
6	111	0	87	47	103	112	106
7	110	0	89	49	103	107	111
8	109	0	91	47	0	105	112
9	110	0	82	47	0	106	113
10	111	0	83	54	0	112	115
11	109	0	89	69	16	117	116
12	109	0	88	69	85	116	114
13	109	0	78	69	100	113	112
14	106	25	59	72	98	112	109
15	108	66	67	85	99	111	112
16	110	73	58	86	101	109	109
17	108	70	51	82	102	110	107
18	108	58	0	68	101	111	107
19	108	48	0	72	104	116	107
20	111	54	0	42	109	116	106
21	110	72	0	90	98	116	106
22	108	81	0	92	99	111	104
23	79	41	0	94	101	116	103
24	0	65	0	93	103	116	105
25	0	68	0	96	102	114	108
26	0	72	0	98	102	117	109
27	0	71	0	107	105	113	106
28	0	78	0	84	108	119	104
29	0	90	0	80	105	116	105
30	0	89	0	86	108	113	90
31	0	—	0	—	106	112	—
Mean	79	37	44	67	87	113	108
Max.	111	90	91	107	109	119	116
Min.	0	0	0	0	0	105	90
A.F.	4870	2220	2700	4010	5380	6960	6430
Water diverted	32570 A.F.			Acreage reported			
				D-24, 25, 29 & 30 9365			

DAILY DIVERSIONS OF CANALS--1957

DAVISON COUNTY CANAL from Platte River  
Measured through Parshall flume--Sec. 7-10-23 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	145	0	153	3	356	274
2	132	0	130	130	349	256
3	114	0	83	125	349	212
4	115	0	31	113	365	205
5	127	0	9	100	405	234
6	125	0	10	89	402	244
7	113	0	10	88	346	238
8	115	0	7	104	397	234
9	95	0	6	84	434	226
10	94	0	0	74	440	201
11	90	0	57	92	437	151
12	93	0	142	129	440	149
13	92	0	139	218	440	149
14	92	0	130	237	421	115
15	97	0	144	308	327	103
16	123	0	122	324	349	107
17	137	0	134	329	365	112
18	85	0	144	235	364	98
19	24	0	141	260	354	95
20	21	0	166	346	359	67
21	21	0	170	407	356	63
22	24	0	173	426	344	57
23	18	0	157	359	315	51
24	17	0	157	339	228	52
25	21	0	155	400	247	63
26	19	0	108	365	289	58
27	0	32	76	354	239	63
28	0	66	29	410	239	57
29	0	58	10	402	292	56
30	0	224	6	445	239	51
31	0	183	—	426	333	—
Mean	69	20	93	252	352	135
Max.	145	224	173	445	440	274
Min.	0	0	0	3	222	51
A.F.	4260	1220	5550	15510	21660	3030
Water diverted	56230 A.F.			Acreage reported		
				D-621 320		
				D-622 57788		
				D-624 5440		
				A-2039 5115		
				A-2031 213		
				A-2119 1379		
				A-2115 105		
				A-2110 100		
				A-2111 100		
				Sutherland storage included.		

**EARNEST CANAL (Combined Flow-North and South)**  
from Niobrara River  
Measured through rating flumes—Sec. 9-29-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4.6	0	0	3.3	2.4	1.5
2	4.5	0	0	3.0	2.4	2.1
3	4.7	0	0	2.6	2.7	1.7
4	3.0	0	0	2.8	3.0	1.3
5	3.8	0	0	2.2	2.8	2.1
6	0	0	0	2.2	1.9	2.4
7	0	0	2.7	2.6	1.8	2.1
8	0	0	2.8	2.9	1.9	2.2
9	0	0	2.8	2.3	2.0	1.9
10	0	0	2.8	2.7	1.8	1.8
11	0	0	2.8	2.8	1.1	1.9
12	0	0	3.6	2.5	1.9	1.8
13	0	0	4.0	3.0	2.2	2.1
14	0	0	4.2	2.7	2.2	2.6
15	0	0	3.8	.8	2.0	2.5
16	0	0	3.9	1.6	2.1	2.2
17	0	0	4.0	1.7	2.0	1.3
18	2.1	0	3.4	4.2	2.0	2.0
19	2.2	0	3.6	5.5	2.1	2.0
20	2.2	0	3.5	6.9	2.4	2.2
21	2.1	0	3.4	6.8	2.2	2.4
22	2.0	0	3.2	3.2	1.8	2.4
23	1.4	0	3.1	2.2	1.9	2.0
24	1.9	0	2.8	2.2	1.4	2.0
25	2.2	0	3.3	2.2	1.6	1.9
26	2.0	0	2.7	2.1	1.7	1.3
27	2.0	0	3.5	2.1	2.3	.3
28	2.0	0	2.8	2.1	2.2	.4
29	2.1	0	3.1	2.2	2.3	0
30	2.1	0	3.1	2.3	2.2	0
31	2.1	0	—	2.4	1.8	—
Mean	1.6	0	2.5	2.8	2.1	1.8
Max.	4.7	0	4.2	6.9	3.0	2.6
Min.	0	0	0	.8	1.1	0
A.F.	100	0	160	170	130	100

Water diverted 660 A.F.  
Acreage reported D514a-190, D514b-150. Total 340.

**KLN CREEK CANAL From Platte River**  
Measured through Parshall Flume--Sec. 5-8-19 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	9	0	19	0	45	0
2	12	0	17	0	45	0
3	0	0	16	0	45	0
4	16	0	20	0	47	0
5	55	0	21	4	51	0
6	68	0	16	12	51	0
7	70	3	9	10	57	0
8	83	4	11	8	53	0
9	66	4	8	7	51	0
10	0	6	8	14	51	26
11	0	6	8	30	46	38
12	0	16	9	33	51	26
13	0	15	10	30	64	28
14	0	9	22	33	52	31
15	0	9	22	43	49	22
16	0	12	23	40	55	19
17	0	11	6	38	32	15
18	0	9	0	37	0	13
19	0	5	0	40	0	13
20	0	6	0	40	0	10
21	0	10	0	38	12	9
22	0	12	0	38	44	8
23	0	15	0	42	49	7
24	0	17	0	33	44	7
25	0	27	0	28	44	5
26	0	21	0	33	53	4
27	0	7	0	37	46	5
28	0	7	9	40	46	16
29	0	12	26	45	24	24
30	0	6	19	52	0	23
31	0	17	—	58	0	—
Mean	12	9	10	28	39	12
Max.	83	27	26	58	64	38
Min.	0	0	0	0	0	0
A.F.	750	530	590	1710	2390	690

Water diverted 6660 A.F.  
Acreage reported A2093E-68, A2104-8894. Total 8962.  
Sutherland storage included.

**DAILY DIVERSIONS OF CANALS—1957**

**EMPIRE CANAL from North Platte River via Belmont Canal**  
Measured through 4-foot Parshall flume--Sec. 20-20-51 W.

Date	May	June	July	Aug.	Sept.
1	0	0	18	2	0
2	0	0	18	4	0
3	0	0	18	5	0
4	0	0	18	6	0
5	0	0	18	6	0
6	0	3	19	5	0
7	0	8	18	4	0
8	0	8	24	2	3
9	0	9	19	2	4
10	0	7	12	3	3
11	0	5	9	4	2
12	0	4	8	4	5
13	0	10	8	4	8
14	0	10	8	4	13
15	0	11	8	4	16
16	0	13	15	5	14
17	0	13	3	5	11
18	0	13	7	5	11
19	0	13	10	4	10
20	0	14	8	3	10
21	0	10	0	3	3
22	0	11	0	3	0
23	0	15	0	3	0
24	0	15	0	3	0
25	0	14	0	2	0
26	0	15	0	2	0
27	0	17	0	2	0
28	0	18	0	2	0
29	0	15	0	2	0
30	0	17	0	2	0
31	0	—	0	1	—
Mean	0	10	9	3	4
Max.	0	18	24	6	16
Min.	0	0	0	1	0
A.F.	0	570	530	210	220

Water diverted 1530 A.F.  
Acreage reported D-858 1549  
A-866 75  
Total 1624

**DAILY DIVERSIONS OF CANALS—1957**

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	70	0	29	46	90	53	68
2	67	0	31	44	76	72	68
3	64	0	34	48	68	77	67
4	64	0	38	44	56	80	66
5	64	0	56	39	57	99	69
6	63	0	52	37	69	102	71
7	62	0	43	44	81	80	70
8	23	0	42	37	93	68	71
9	7	0	49	32	75	71	73
10	10	0	44	30	61	70	71
11	15	0	40	40	64	68	71
12	14	0	38	34	72	74	72
13	13	0	41	26	88	79	71
14	13	0	43	25	89	79	74
15	5	0	42	28	81	75	75
16	0	0	44	31	83	77	74
17	0	0	42	34	84	82	74
18	0	0	43	26	99	82	73
19	0	0	46	19	95	77	73
20	0	0	36	15	86	76	73
21	0	0	37	12	90	73	74
22	0	0	26	9	99	76	74
23	0	0	19	8	93	80	76
24	0	12	19	5	72	82	76
25	0	26	19	10	68	82	75
26	0	18	25	41	78	79	74
27	0	16	32	59	83	76	74
28	0	20	33	61	86	74	76
29	0	0	46	66	86	74	82
30	0	11	49	73	62	70	82
31	0	—	49	—	49	69	—
Mean	18	3	38	34	78	77	73
Max.	70	26	56	73	99	102	82
Min.	0	0	19	5	49	53	66
A.F.	1100	210	2350	2030	4810	4710	4340

Water diverted 19550 A.F.



DAILY DIVERSIONS OF CANALS--1957

ENTERPRISE CANAL from Wet Spotted Tail  
Measured in channel of stream--Sec. 22-23-56 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	4	4	3	5	9	10
2	0	4	3	3	5	9	10
3	0	4	3	3	5	9	10
4	0	4	3	3	5	9	10
5	0	4	3	3	5	9	10
6	0	4	3	3	5	9	9
7	0	4	3	3	6	9	9
8	0	4	3	3	6	9	9
9	0	4	3	3	6	9	9
10	0	4	3	4	6	9	9
11	0	4	3	4	6	9	9
12	0	4	3	4	7	9	9
13	0	4	3	4	7	9	9
14	0	4	3	4	7	9	9
15	0	4	3	4	7	9	9
16	0	4	3	4	7	9	9
17	0	4	3	4	7	9	9
18	0	4	3	4	8	9	10
19	0	4	3	4	8	9	10
20	0	4	3	4	8	9	10
21	0	4	3	4	8	10	10
22	0	4	3	4	9	10	10
23	0	4	3	4	9	10	10
24	0	4	3	4	9	10	10
25	0	4	3	4	9	11	10
26	0	4	3	4	9	11	10
27	0	4	3	5	9	11	10
28	0	4	3	5	9	11	10
29	0	4	3	5	9	11	10
30	0	4	3	5	9	11	10
31	0	-	3	-	9	10	-
Mean	0	4	3	4	7	10	10
Max.	0	4	4	5	9	11	10
Min.	0	4	3	3	5	9	9
A.F.	0	240	190	230	440	590	570

Water diverted  
2260 A.F.

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	1	1	0	0	0	3	4
2	1	1	0	0	0	3	4
3	1	1	0	0	0	3	4
4	1	1	0	0	0	2	3
5	1	1	0	0	0	2	3
6	1	1	0	0	0	2	3
7	1	1	0	0	0	2	3
8	1	1	0	0	1	2	3
9	1	1	0	0	1	1	3
10	1	1	0	0	1	1	3
11	1	1	0	0	1	1	3
12	1	1	0	0	1	1	3
13	1	1	0	0	1	1	3
14	1	1	0	0	1	1	3
15	1	1	0	0	1	1	3
16	1	1	0	0	1	1	3
17	1	1	0	0	1	2	3
18	1	1	0	0	1	2	3
19	1	1	0	0	1	2	3
20	1	1	0	0	2	2	3
21	1	1	0	0	2	3	3
22	1	1	0	0	2	3	3
23	1	1	0	0	3	3	3
24	1	1	0	0	3	3	3
25	1	1	0	0	3	4	3
26	1	1	0	0	3	4	3
27	1	1	0	0	3	4	3
28	1	1	0	0	3	4	3
29	1	1	0	0	3	4	3
30	1	1	0	0	3	4	3
31	1	-	0	-	3	4	-
Mean	1	1	0	0	1	2	3
Max.	1	1	0	0	3	4	4
Min.	1	1	0	0	0	1	3
A.F.	60	60	0	0	90	150	180

Water diverted  
540 A.F.

DAILY DIVERSIONS OF CANALS--1957

ENTERPRISE CANAL from Stewart Drain  
Measured in channel of drain--Sec. 13-23-57 W.

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

Water diverted  
0 A.F.

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	3	1	0
7	0	0	0	0	3	10	0
8	0	0	0	0	1	14	0
9	1	0	0	0	1	13	0
10	5	0	0	0	2	15	0
11	4	0	0	0	5	15	0
12	3	0	7	0	5	17	0
13	3	0	7	0	9	18	0
14	0	0	6	0	12	18	0
15	0	0	7	0	13	16	0
16	0	0	0	0	14	14	0
17	0	0	0	0	15	21	0
18	0	0	0	0	0	24	0
19	0	0	0	0	0	9	0
20	0	0	0	0	0	14	0
21	0	0	0	0	0	22	0
22	0	0	0	0	0	9	0
23	0	0	0	1	0	11	0
24	0	0	0	1	0	11	0
25	0	0	0	1	0	10	0
26	0	0	0	0	0	11	0
27	0	2	0	0	0	11	0
28	0	2	0	0	0	0	0
29	0	2	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	-	0	-	0	0	0
Mean	1	0	1	0	3	10	0
Max.	5	2	7	1	15	24	0
Min.	0	0	0	0	0	0	0
A.F.	30	10	50	10	160	610	0

Water diverted  
870 A.F.

DAILY DIVERSIONS OF CANALS--1957

ENTERPRISE CANAL  
Summary in Acre-feet--1957

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:								
North Platte River.....	1100	210	2350	2030	4810	4710	4340	19550
Wet Spotted Tail.....	0	240	190	230	440	590	570	2260
Morrill Drain.....	60	60	0	0	90	150	180	540
Stewart Drain.....	0	0	0	0	0	0	0	0
Tub Springs.....	30	10	50	10	160	610	0	870
Total diversion.....	1190	520	2590	2270	5500	6060	5090	23220
Water diverted								Acreage reported
23220 A.F.								D-920 7572

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	2.0	2.3	0	0	0	0	0
2	4.0	0	0	0	0	0	0
3	5.3	0	0	0	0	0	0
4	5.6	0	0	0	0	0	0
5	6.4	0	0	0	0	0	0
6	6.0	0	0	0	0	0	0
7	6.6	0	0	0	0	0	0
8	7.0	0	0	0	0	0	0
9	6.6	0	0	0	0	0	0
10	6.6	0	0	0	0	0	0
11	6.8	0	0	0	0	0	0
12	6.8	0	0	0	0	0	0
13	3.5	0	0	0	0	0	0
14	3.9	0	0	0	0	0	0
15	4.6	0	0	0	0	0	0
16	4.6	0	0	0	0	0	0
17	5.0	0	0	0	0	0	0
18	4.7	0	0	0	0	0	0
19	4.6	0	0	0	0	0	0
20	4.7	0	0	0	0	0	0
21	5.0	0	0	0	0	0	0
22	4.8	0	0	0	0	0	0
23	5.0	0	0	0	0	0	0
24	7.5	0	0	0	0	0	0
25	8.6	0	0	0	0	0	0
26	6.6	0	0	0	0	0	0
27	5.1	0	0	0	0	0	0
28	4.7	0	0	0	0	0	0
29	2.9	0	0	0	0	0	0
30	2.4	0	0	0	0	0	0
31	2.5	-	0	-	0	0	-
Mean	5.2	0.7	0	0	0	0	0
Max.	8.6	2.3	0	0	0	0	0
Min.	2.0	0	0	0	0	0	0
A.F.	320	5	0	0	0	0	0
Water diverted	325 A.F.						
						Acres reported	
						D- 461	290
						A-5181	76
						Total	366

**DAILY DIVERSIONS OF CANALS--1957**

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0.7	2.9	0	0	0	5.2	0
2	.9	.8	0	0	0	5.3	0
3	1.0	0	0	0	0	5.2	0
4	1.0	0	0	0	0	5.5	0
5	1.2	0	0	0	0	5.0	0
6	1.0	0	0	0	0	4.7	0
7	1.1	0	0	0	0	4.5	0
8	1.2	0	0	0	0.1	4.4	0
9	1.3	0	0	0	.7	4.5	0
10	1.4	0	0	0	.7	4.2	0
11	1.6	0	0	0	.2	3.2	0
12	1.5	0	0	0	1.9	.4	0
13	1.0	0	0	0	3.4	0	0
14	1.2	0	0	0	3.8	0	0
15	1.4	0	0	0	3.9	0	0
16	1.2	0	0	0	4.2	0	0
17	1.1	0	0	0	4.5	0	0
18	.9	0	0	0	4.2	0	0
19	.6	0	0	0	4.0	0	0
20	.6	0	0	0	4.1	0	0
21	1.7	0	0	0	4.3	0	0
22	2.7	0	0	0	3.9	0	0
23	2.1	0	0	0	3.8	0	0
24	2.9	0	0	0	4.2	0	0
25	3.1	0	0	0	4.5	0	0
26	3.3	0	0	0	4.5	0	0
27	3.4	0	0	0	4.6	0	0
28	3.5	0	0	0	4.6	0	0
29	3.5	0	0	0	4.5	0	0
30	3.8	0	0	0	4.8	0	0
31	3.4	-	0	-	4.8	0	-
Mean	1.8	0.1	0	0	2.7	1.7	0
Max.	3.8	2.9	0	0	4.8	5.5	0
Min.	0.6	0	0	0	0	0	0
A.F.	110	10	0	0	170	100	0
Water diverted	390 A.F.						
						Acres reported	
						D- 568	200
						A-2264	134
						Total	334

## DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	3
8	0	0	0	0	1
9	0	0	0	0	1
10	0	0	0	0	2
11	0	0	0	0	1
12	0	0	0	0	1
13	0	0	0	0	3
14	0	0	0	0	2
15	0	0	0	0	1
16	0	0	0	0	3
17	0	0	0	0	3
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	0	1
Max.	0	0	0	0	3
Min.	0	0	0	0	0
A.F.	0	0	0	0	40
Water diverted	40 A.F.				
Acres reported					
D-34E					132
A-7LE					54
Total					236

## DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	863	955	1023
2	0	0	913	952	1023
3	0	0	1093	982	1001
4	0	0	1220	1006	998
5	0	0	1352	1037	1004
6	0	0	1340	1143	1001
7	0	103	1355	1310	1001
8	0	525	1421	1379	1006
9	0	542	1474	1400	1006
10	0	399	1480	1406	1023
11	0	406	1480	1452	1001
12	0	399	1483	1458	1004
13	0	361	1486	1502	979
14	0	297	1498	1502	915
15	0	290	1498	1502	897
16	0	125	1498	1502	863
17	0	0	1502	1352	830
18	0	0	1502	1352	813
19	0	0	1440	1340	759
20	0	0	1352	1304	740
21	0	0	1376	1298	749
22	0	0	1427	1255	747
23	0	0	1440	1211	709
24	0	0	1337	1177	666
25	0	181	1234	1177	470
26	0	567	1146	1179	60
27	0	598	1151	1177	0
28	0	655	1168	1171	0
29	0	759	1208	1126	0
30	0	850	1042	1070	0
31	0	---	952	1065	---
Mean	0	235	1314	1250	743
Max.	0	850	1502	1502	1023
Min.	0	0	863	952	0
A.F.	0	14000	80790	76840	44210
Water diverted					
215840 A.F.					
Acres reported					
A-76E Neb					54846
Pathfinder storage included					A-76E Wyo 50210
Total					105056

DAILY DIVERSIONS OF CANALS--1957  
FRANKLIN CANAL from Republican River  
Measured through orifice--Sec. 11-1-17 W.

Date	Oct.	Nov.	June	July	Aug.	Sept.
1	26	0	0	0	158	0
2	26	0	0	0	154	0
3	26	0	0	0	137	0
4	26	0	0	0	124	0
5	26	0	0	0	124	9
6	26	0	32	0	115	24
7	26	0	32	51	107	30
8	26	0	32	17	105	30
9	26	0	0	29	113	30
10	26	0	33	35	126	30
11	26	0	33	38	126	30
12	24	0	33	49	126	30
13	24	0	33	78	129	30
14	24	0	27	82	114	30
15	9	0	17	89	151	30
16	0	0	0	90	131	30
17	0	0	0	107	104	30
18	0	0	0	127	104	30
19	0	0	0	145	104	30
20	0	0	0	156	102	22
21	0	0	0	156	91	11
22	0	0	0	155	74	11
23	0	0	0	160	60	21
24	0	0	0	162	52	21
25	0	0	0	162	52	26
26	0	0	0	161	56	11
27	0	0	0	160	62	11
28	0	0	0	158	62	11
29	0	0	0	158	38	11
30	0	0	0	158	8	11
31	0	0	0	158	0	---
Mean	12	0	9	92	98	23
Max.	26	0	33	162	158	31
Min.	0	0	0	0	0	0
A.F.	730	0	540	5630	6030	1370
Water diverted	14300 A.F.					
Acres reported	A2691a-4718, A2691b-3175, A4216-2213, A6221-104, A8259-146.					
Total	10356.					

## DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	43	0
2	0	0	0	30	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	7	0
6	0	0	0	13	0
7	0	0	0	14	0
8	0	0	0	16	0
9	0	0	0	16	0
10	0	0	0	15	0
11	0	0	12	15	0
12	0	0	12	23	0
13	0	0	12	30	0
14	0	0	14	30	0
15	0	0	19	32	0
16	0	0	19	12	0
17	0	0	17	0	0
18	0	0	20	0	0
19	0	0	19	0	0
20	0	0	17	0	0
21	0	0	16	0	0
22	0	0	25	0	0
23	0	0	32	0	0
24	0	0	40	0	0
25	0	0	43	0	0
26	0	0	43	0	0
27	0	0	43	0	0
28	0	0	42	8	0
29	0	0	43	12	0
30	0	0	43	4	0
31	0	0	43	0	---
Mean	0	0	19	10	0
Max.	0	0	43	43	0
Min.	0	0	0	0	0
A.F.	0	0	1160	630	0
Water diverted					
1750 A.F.					
Acres reported					
A-4227					1944
Supplemental storage available					

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	1.6	0.9	0	0	0	0	0
2	1.5	.3	0	0	0	0	0
3	2.1	0	0	0	0	0	0
4	2.6	0	0	0	0	0	0
5	1.8	0	0	0	0	0	0
6	1.8	0	0	0	0	0	0
7	1.8	0	0	0	0	0	0
8	1.7	0	0	0	0	0	0
9	1.7	0	0	0	0	0	0
10	1.6	0	0	0	0	0	1.9
11	1.2	0	0	0	0	0	3.3
12	.7	0	0	0	0	0	3.2
13	.7	0	0	0	0	0	2.8
14	.7	0	0	0	0	0	0
15	.7	0	0	0	0	0	0
16	.7	0	0	0	0	0	0
17	.8	0	0	0	0	0	0
18	.8	0	0	0	0	0	0
19	1.0	0	0	0	0	0	0
20	1.0	0	0	0	0	0	0
21	.9	0	0	0	0	0	0
22	.8	0	0	0	0	0	0
23	1.0	0	0	0	0	0	0
24	1.2	0	0	0	0	0	0
25	1.2	0	0	0	0	0	0
26	1.0	0	0	0	0	0	0
27	1.0	0	0	0	0	0	0
28	.8	0	0	0	0	0	0
29	.9	0	0	0	0	0	0
30	.8	0	0	0	0	0	0
31	.8	0	0	0	0	0	0
Mean	1.2	0.1	0	0	0	0	0.4
Max.	2.6	.9	0	0	0	0	3.3
Min.	.7	0	0	0	0	0	0
A.F.	.73	2	0	0	0	0	0

Water diverted  
97 A.F.

Acres reported  
D-462 255

DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	36	165
2	0	0	118	78	165
3	0	0	121	107	168
4	0	0	120	169	162
5	0	0	110	172	131
6	0	0	52	169	123
7	0	0	98	146	123
8	0	0	135	187	125
9	0	0	152	138	125
10	0	0	159	184	107
11	0	0	161	186	104
12	0	0	167	183	105
13	0	0	165	186	111
14	0	0	201	190	107
15	0	0	196	192	105
16	0	0	198	197	106
17	0	0	198	201	107
18	0	0	176	188	107
19	0	0	0	204	157
20	0	0	118	192	0
21	0	0	93	212	0
22	0	0	52	205	0
23	0	0	121	202	0
24	0	0	166	204	0
25	0	0	175	202	0
26	0	0	179	202	0
27	0	0	182	198	0
28	0	0	177	200	0
29	0	0	178	187	0
30	0	0	24	171	0
31	0	0	8	171	0
Mean	0	0	129	176	78
Max.	0	0	201	212	168
Min.	0	0	0	36	0
A.F.	0	0	7930	10830	4670

Water diverted  
23430 A.F.

Pathfinder storage included  
Acres reported  
A-365 E 14310

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	252	89	105	67	65	112	151	157	162	113	414	256
2	227	100	105	47	65	120	143	149	112	86	410	222
3	208	86	97	68	66	117	155	175	116	146	410	233
4	217	78	91	54	72	112	151	172	86	98	412	285
5	231	75	70	54	72	106	149	157	109	86	414	269
6	211	79	55	71	88	115	167	157	89	91	407	279
7	209	89	55	57	110	129	146	143	128	76	405	283
8	188	80	55	62	125	129	137	146	72	69	410	285
9	163	78	80	42	151	134	152	113	72	68	403	265
10	168	90	105	21	182	132	140	5	75	182	403	175
11	170	79	115	26	146	120	132	0	84	180	410	206
12	180	72	105	56	149	113	144	0	131	237	394	195
13	170	74	100	52	160	129	141	0	80	257	385	188
14	162	85	120	42	152	108	128	0	85	246	398	224
15	183	76	131	26	119	122	149	1	167	252	398	195
16	175	105	134	25	113	140	147	68	229	295	391	157
17	146	106	112	55	134	126	155	108	271	343	387	132
18	132	108	116	75	128	99	141	38	233	350	385	163
19	126	93	135	50	100	152	163	54	209	334	391	185
20	129	78	128	70	75	157	177	113	242	365	389	167
21	120	99	115	44	85	159	144	192	244	369	382	199
22	108	115	119	32	67	154	140	131	162	367	371	159
23	106	115	99	22	70	151	151	149	220	378	295	137
24	99	112	106	22	100	100	143	155	175	378	330	120
25	78	103	116	17	125	80	165	159	159	389	371	140
26	78	91	115	18	119	28	163	188	195	405	363	120
27	89	94	98	29	135	94	151	162	157	405	350	115
28	78	108	108	38	119	167	151	175	125	405	309	134
29	72	105	119	37	---	152	135	202	157	405	313	113
30	93	91	105	34	---	146	152	182	109	410	248	106
31	103	---	98	35	---	165	---	192	---	414	262	---
Mean	150	92	104	43	110	125	144	118	148	264	374	190
Max.	252	115	135	75	182	167	177	202	271	414	414	285
Min.	72	72	55	17	65	28	128	0	72	68	248	106
A.F.	9260	5460	6370	2670	6130	7670	8850	7230	8840	16300	23000	11320

Water diverted  
113100 A.F.

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	125	102	93	82	52	112	150	142	150	20	91	153
2	103	74	107	79	52	112	145	145	47	19	91	135
3	85	79	102	111	52	118	143	144	47	18	87	111
4	83	83	91	102	52	111	142	146	36	19	95	148
5	126	63	82	83	61	103	142	132	36	18	102	163
6	106	70	59	143	55	89	147	132	17	17	99	155
7	97	73	52	106	66	91	146	132	2	18	106	154
8	75	78	52	100	83	127	142	119	2	18	104	156
9	62	82	52	44	99	132	112	97	2	18	91	155
10	60	81	77	23	126	126	150	99	1	26	111	95
11	64	85	107	31	142	114	121	1	1	156	100	70
12	64	68	112	55	142	110	142	0	1	124	106	76
13	63	65	103	50	147	103	142	6	14	152	79	95
14	65	69	107	40	158	107	141	0	32	162	84	157
15	78	87	115	35	155	104	130	0	65	133	79	146
16	111	55	124	25	125	126	140	18	124	142	86	111
17	91	79	112	25	134	123	145	127	123	156	80	74
18	62	116	80	55	133	79	133	60	168	150	95	52
19	62	110	117	87	95	141	132	16	168	156	84	104
20	57	60	144	57	37	151	148	71	161	157	91	144
21	67	61	120	72	106	150	149	144	157	153	97	143
22	75	96	113	79	30	147	141	183	161	147	97	150
23	67	139	102	59	36	146	152	161	142	141	66	108
24	76	116	81	42	63	38	150	159	139	141	51	83
25	115	115	99	38	132	87	141	149	98	97	128	88
26	101	84	129	30	150	52	154	144	77	120	147	93
27	72	88	110	24	142	87	154	152	110	107	150	81
28	85	91	112	55	133	148	156	157	62	110	142	76
29	70	115	106	56	---	150	139	159	28	106	151	76
30	75	106	113	53	---	145	131	164	40	114	158	76
31	83	---	103	52	---	147	---	160	---	85	150	---
Mean	81	86	99	61	27	115	142	107	74	97	103	114
Max.	126	139	144	143	158	151	156	183	168	162	158	163
Min.	57	55	52	23	30	38	112	0	1	17	51	52
A.F.	5010	5140	6100	3750	1500	7090	8450	6580	4390	5950	6340	6800

Water returned  
67100 A.F.

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	100	0	0	89	303	70
2	101	0	54	63	299	58
3	105	0	58	124	305	98
4	116	0	43	75	296	105
5	78	0	66	64	290	71
6	82	0	70	72	286	90
7	91	0	125	54	276	95
8	97	0	69	47	283	95
9	88	0	69	46	292	76
10	95	0	73	152	268	59
11	92	0	82	0	288	121
12	102	0	129	86	265	103
13	94	0	64	72	289	72
14	83	0	16	49	296	33
15	88	0	88	91	302	17
16	40	0	78	123	287	22
17	35	0	122	153	290	42
18	57	0	28	167	269	100
19	51	0	4	144	289	58
20	60	27	46	174	278	0
21	39	16	53	183	264	24
22	17	0	0	188	253	0
23	25	0	48	207	215	5
24	7	0	6	207	268	19
25	0	0	39	271	216	32
26	0	12	102	259	184	7
27	0	0	23	275	167	17
28	0	0	50	271	137	42
29	0	8	122	276	129	21
30	0	0	60	271	55	14
31	0	0	---	311	79	---
Mean	56	2	61	147	249	52
Max.	116	27	129	311	305	121
Min.	0	0	0	0	55	0
A.F.	3460	120	3600	9050	15310	3110

Water diverted 34650 A.F.  
Acreage reported D645a-860, D645b-17000, A3716-4495.  
Total 22355.  
Sutherland storage included.

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	20	0	0	0	13	6
2	23	0	0	0	13	5
3	23	0	0	0	14	5
4	23	0	0	0	15	9
5	19	0	0	0	18	11
6	17	0	0	0	14	11
7	19	0	0	0	15	11
8	17	0	0	0	18	11
9	16	0	0	0	17	9
10	15	0	0	0	16	8
11	16	0	0	0	15	7
12	19	0	0	0	14	0
13	19	0	0	0	14	9
14	22	0	0	0	15	12
15	23	0	0	0	15	12
16	23	0	0	12	17	11
17	26	0	0	22	21	9
18	26	0	0	3	17	7
19	27	0	0	0	14	7
20	28	0	0	0	14	15
21	28	0	0	10	14	15
22	29	0	0	26	13	15
23	28	0	0	29	13	16
24	15	0	0	29	15	16
25	9	0	0	30	12	16
26	7	0	0	30	10	16
27	5	0	0	27	13	19
28	2	0	0	24	14	23
29	0	0	0	18	7	23
30	0	0	0	15	5	20
31	0	0	---	18	6	---
Mean	18	0	0	9	14	12
Max.	29	0	0	30	21	23
Min.	0	0	0	0	5	0
A.F.	1080	0	0	580	860	700

Water diverted 3220 A.F.  
Acreage reported D763B-85, D781B-15, D786-1989.  
Total 2089.

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.	
1	7	10	0	12	14	4	13	
2	7	10	0	12	14	9	12	
3	7	6	0	11	14	9	13	
4	7	2	0	11	14	9	13	
5	7	0	0	10	14	9	12	
6	9	0	0	10	14	9	12	
7	8	0	0	12	14	10	11	
8	8	0	0	12	14	10	8	
9	8	0	17	12	4	9	7	
10	8	0	16	11	0	9	7	
11	9	0	16	12	0	9	7	
12	8	0	17	11	0	8	7	
13	9	0	17	10	0	8	7	
14	10	0	16	10	0	7	6	
15	15	0	16	9	0	9	16	
16	15	0	16	10	5	9	15	
17	15	0	16	2	9	9	15	
18	14	0	16	2	9	11	15	
19	14	0	15	7	9	10	15	
20	14	0	15	7	10	10	14	
21	15	0	15	7	11	10	14	
22	11	0	13	7	11	11	14	
23	9	0	14	7	11	11	14	
24	9	0	14	7	12	13	13	
25	10	0	16	9	12	12	13	
26	10	0	16	12	12	13	13	
27	10	0	16	13	5	13	13	
28	9	0	15	13	10	14	11	
29	10	0	13	13	0	12	1	
30	10	0	13	13	0	10	1	
31	10	-	13	-	0	12	-	
Mean	10	1	11	10	8	10	11	
Max.	15	10	17	13	14	14	16	
Min.	7	0	0	2	0	4	1	
A.F.	620	60	700	580	480	610	660	
Water diverted	3710 A.F.						Acreeage reported	
						D-517	600	
						A-2275	509	
						Total	1109	

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	
1	2.9	0	0	0	0	0	0	
2	2.6	0	0	0	0	0	0	
3	2.5	0	0	0	0	0	0	
4	2.5	0	0	0	0	0	0	
5	2.4	0	0	0	1.0	0	0	
6	2.4	0	0	0	2.4	0	0	
7	3.0	0	0	0	2.5	0	0	
8	3.5	0	0	0	3.6	0	0	
9	3.2	0	0	0	3.5	0	0	
10	3.2	0	0	0	3.4	0	0	
11	3.3	0	0	0	3.7	0	0	
12	3.6	0	0	0	4.0	0	0	
13	2.7	0	0	0	5.0	0	0	
14	2.3	0	0	0	5.0	0	0	
15	2.4	0	0	0	4.8	0	0	
16	2.3	0	0	0	1.4	0	0	
17	2.3	0	0	0	.6	0	0	
18	3.4	0	0	0	.5	0	0	
19	3.4	0	0	0	.5	0	0	
20	3.4	0	0	0	.5	0	0	
21	3.4	0	0	0	.5	0	0	
22	3.4	0	0	0	.5	0	0	
23	3.4	0	0	0	.5	0	0	
24	3.5	0	0	0	.6	0	0	
25	3.6	0	0	0	.6	0	0	
26	3.7	0	0	0	.7	0	0	
27	3.7	0	0	0	.7	0	0	
28	3.8	0	0	0	.7	0	0	
29	1.1	0	0	0	.7	0	0	
30	0	0	0	0	.3	0	0	
31	0	-	0	-	0	0	-	
Mean	2.8	0	0	0	1.6	0	0	
Max.	3.8	0	0	0	5.0	0	0	
Min.	0	0	0	0	0	0	0	
A.F.	170	0	0	0	100	0	0	
Water diverted	270 A.F.						Acreeage reported	
						A-1260	180	

**DAILY DIVERSIONS OF CANALS—1957**  
**HOOPER CANAL from Blue Creek**  
 Measured through Parshall flume—Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	0	15	12
2	12	0	0	0	15	5
3	12	0	0	0	14	5
4	11	0	0	0	14	4
5	11	0	0	1	13	5
6	11	0	0	2	15	4
7	11	0	0	3	16	4
8	11	0	0	10	15	4
9	11	0	0	11	14	4
10	11	0	0	14	15	0
11	11	0	0	14	14	0
12	12	0	0	13	18	2
13	13	0	0	15	14	2
14	13	0	0	13	14	3
15	12	0	0	12	13	3
16	12	0	0	13	14	3
17	12	0	0	13	19	3
18	13	0	0	14	12	3
19	13	0	0	16	11	3
20	14	0	0	8	11	4
21	8	0	0	0	11	4
22	0	0	0	0	11	4
23	14	0	0	0	11	4
24	13	0	0	0	12	4
25	13	0	0	0	11	4
26	9	0	0	0	13	5
27	9	0	0	14	14	4
28	10	0	0	17	12	5
29	10	0	0	16	12	5
30	10	0	0	17	13	9
31	10	0	-	15	14	-
Mean	11	0	0	8	14	4
Max.	14	0	0	17	19	12
Min.	0	0	0	0	11	0
A.F.	680	0	0	500	830	240

Water diverted 2250 A.F.  
 Acreage reported D781-858, D788B-19. Total 877.

**DAILY DIVERSIONS OF CANALS—1957**  
**HUGHES CANAL from Niobrara River**  
 Measured through rating flume—Sec. 1-28-52 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0.1	0	0	0	0	0
4	.1	0	0	0	0	0
5	.1	0	0	0	0	0
6	.1	0	0	0	0	0
7	.1	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	0.2	0	0	0	0	0
15	.4	0	0	0	0	0
16	.6	0	0	0	0	0
17	.8	0	0	0	0	0
18	.8	0	0	0	0	0
19	.7	0	0	0	0	0
20	.6	0	0	0	0	0
21	.5	0	0	0	0	0
22	.4	0	0	0	0	0
23	.4	0	0	0	0	0
24	.3	0	0	0	0	0
25	.3	0	0	0	0	0
26	.3	0	0	0	0	0
27	.3	0	0	0	0	0
28	.2	0	0	0	0	0
29	.2	0	0	0	0	0
30	.2	0	0	0	0	0
31	.2	0	-	0	0	-
Mean	0.2	0	0	0	0	0
Max.	.8	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	20	0	0	0	0	0

Water diverted 20 A.F.  
 Acreage reported D987a-40, D987b-20. Total 60.

**DAILY DIVERSIONS OF CANALS—1957**

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

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

Water diverted 390 A.F.  
 Acreage reported D-154 120  
 A-14-17 67  
 Total 187

**DAILY DIVERSIONS OF CANALS—1957**

**INTERSTATE CANAL from North Platte River**  
 and Pathfinder Reservoir—Measured through rating  
 flume—Sec. 11-26-65 W.

Date	Mar.	May	June	July	Aug.	Sept.
1	466	0	1028	1282	1752	1676
2	725	0	1025	1440	1808	1587
3	958	0	1025	1564	1785	1515
4	950	0	1025	1647	1828	1479
5	970	0	1025	1693	1854	1469
6	973	0	1017	1825	1891	1426
7	977	0	1019	1917	1887	1421
8	985	0	1028	1927	1934	1418
9	980	0	1025	1917	1947	1411
10	963	0	1025	1940	1987	1405
11	930	0	927	1950	2000	1399
12	938	0	916	1944	2003	1347
13	950	328	924	1997	2000	1328
14	950	628	921	2023	2000	1297
15	935	910	952	2053	2000	1248
16	900	983	769	2053	2006	1257
17	905	991	724	2026	1973	1260
18	898	989	737	2046	1973	1254
19	895	1003	732	2059	1947	1207
20	900	1019	734	2066	1904	1217
21	895	1017	729	2046	1804	1217
22	905	1019	719	2033	1888	1217
23	903	1017	761	2026	1884	1207
24	900	980	755	1921	1861	1201
25	910	1028	761	1835	1835	911
26	832	1028	812	1802	1825	476
27	506	1014	882	1802	1845	0
28	100	1022	907	1709	1848	0
29	0	1022	978	1835	1789	0
30	0	1022	1096	1789	1696	0
31	0	1028	---	1736	1676	-
Mean	778	582	809	1871	1889	1128
Max.	985	1028	1096	2066	2006	1676
Min.	0	0	719	1282	1876	0
A.F.	47800	25800	53510	115030	116120	67140

Water diverted 45430 A.F.  
 Acreage reported A-700 Sub 111855  
 Pathfinder storage included A-708 Sub 16100  
 Total 127955



DAILY DIVERSIONS OF CANALS—1957  
 JOHNSON CANAL from Niobrara River  
 Measured through 1½' Parshall flume—Sec. 35-31-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2.6	0	0	0	0	0
2	2.7	0	0	0	0	0
3	2.8	0	0	0	0	0
4	2.9	0	0	0	0	0.1
5	1.7	0	0	0	0	.5
6	0	0	0	0	0	.5
7	0	0	0	0	0	.5
8	0.4	0	0	0	0	.5
9	2.8	0	0	0	0	.5
10	2.5	0	0	0	0	.5
11	2.3	0	0	0	0	.5
12	2.3	0	0	0	0	.5
13	1.8	0	0	0	0	.4
14	0	0	0	0	0	.6
15	0	0	0	0	0	.8
16	0	0	0	0	0	1.0
17	0	0	0	0	0	1.2
18	0	0	0	0	0	1.4
19	0	0	0	0	0	1.6
20	1.2	0	0	0	0	1.6
21	2.5	0	0	0	0	1.6
22	2.3	0	0	0	0	1.6
23	2.2	0	0	0	0	1.6
24	1.6	0	0	0	0	1.6
25	0	0	0	0	0	1.9
26	0	0	0	0	0	1.2
27	0	0	0	0	0	.5
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
Mean	1.0	0	0	0	0	0.8
Max.	2.9	0	0	0	0	1.9
Min.	0	0	0	0	0	0
A.F.	70	0	0	0	0	40

Water diverted 110 A.F.  
 Acreage reported D511-140.

DAILY DIVERSIONS OF CANALS—1957

KEARNEY CANAL from Platte River  
 Measured through section of canal—Sec. 33-5-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	54	285	220	239	125	140	2	0	359	199	107	247
2	31	300	260	38	120	132	0	0	322	179	100	276
3	23	290	208	136	115	121	0	0	329	157	86	251
4	12	261	258	92	115	83	3	0	298	170	79	242
5	7	238	247	25	117	95	0	0	240	172	72	285
6	0	256	60	9	119	98	0	0	214	175	66	223
7	3	253	85	48	170	50	0	0	209	177	73	274
8	14	253	110	111	150	42	0	0	205	168	107	289
9	54	268	165	72	155	68	0	0	205	151	110	394
10	69	261	225	74	130	56	0	0	189	136	122	405
11	126	250	245	103	150	67	0	0	197	118	107	415
12	132	255	140	99	120	93	0	0	197	125	84	424
13	139	264	26	85	140	92	0	0	199	113	80	228
14	135	271	26	98	110	38	0	0	205	82	73	168
15	122	258	22	110	112	60	0	0	226	117	72	197
16	169	306	19	115	119	78	0	0	61	179	86	201
17	156	293	53	115	121	81	0	0	107	179	110	197
18	169	286	82	138	75	72	0	0	230	151	127	191
19	173	169	148	140	60	92	0	0	287	117	118	191
20	197	0	181	144	85	87	0	95	289	101	146	199
21	260	0	199	170	107	87	0	205	305	80	155	187
22	338	0	199	175	136	90	0	201	289	70	122	187
23	375	0	201	170	49	92	0	236	269	79	96	185
24	216	0	148	165	68	104	0	320	292	70	85	185
25	239	0	199	160	148	46	0	278	289	58	79	179
26	233	0	209	153	113	32	0	346	236	62	66	183
27	285	102	242	153	117	66	0	336	236	62	74	185
28	263	244	227	145	138	101	0	342	249	67	88	185
29	268	122	224	140	---	107	0	346	244	74	142	181
30	304	164	232	135	---	105	0	359	214	92	172	181
31	277	---	169	130	---	28	---	365	---	108	185	---
Mean	156	188	162	119	117	81	0	111	240	122	103	240
Max.	375	306	260	239	170	140	3	365	359	199	185	424
Min.	0	0	19	9	49	28	0	0	61	58	66	168
A.F.	9610	11210	9980	7310	6510	4970	10	6800	14260	7510	6330	14270

Water diverted  
 98770 A.F.  
 Sutherland storage available

Acreage reported  
 D-1023 4353  
 A-8399 1958  
 (Storage only) A-8400 509  
 Total 7120

DAILY DIVERSIONS OF CANALS--1957

KNARLEY POWER RETURN to Platte River  
Measured in section of canal--Sec. 35-5-16 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	251	212	230	120	134	103	0	350	202	18	162
2	0	261	254	84	115	137	22	0	310	142	31	226
3	0	268	226	58	105	120	6	0	304	164	26	208
4	0	255	257	184	110	108	106	0	308	162	16	213
5	0	226	257	25	110	100	5	0	263	137	8	236
6	0	246	70	0	115	93	2	0	196	157	1	242
7	0	236	56	0	120	75	0	0	193	150	0	240
8	0	253	86	58	160	66	0	0	176	176	5	249
9	0	238	100	66	140	114	0	0	180	164	37	282
10	0	255	184	49	145	98	0	0	157	143	37	282
11	50	265	232	14	112	62	0	0	185	115	51	261
12	55	217	84	41	142	108	0	0	171	166	29	316
13	69	242	56	87	103	74	0	0	176	82	6	264
14	71	109	22	71	127	85	0	0	184	77	6	150
15	99	106	19	72	96	35	0	0	185	64	4	184
16	123	217	22	101	118	55	0	0	268	102	22	184
17	109	294	38	101	121	70	0	0	103	154	59	194
18	118	294	22	101	93	64	0	0	247	123	75	180
19	117	244	77	133	105	75	0	0	278	112	58	184
20	142	19	156	134	63	87	0	0	286	100	58	180
21	187	22	160	146	45	87	0	92	298	49	99	185
22	257	0	178	155	82	64	0	167	308	45	44	167
23	272	0	180	165	30	105	0	157	282	36	32	171
24	160	0	147	160	70	32	0	274	276	14	27	162
25	176	0	178	155	87	31	0	249	268	9	12	169
26	219	0	196	150	155	26	0	274	255	2	2	167
27	230	0	230	140	135	26	0	292	242	0	0	164
28	255	138	259	121	134	70	0	288	275	0	12	162
29	78	56	238	154	---	117	0	312	280	0	103	160
30	266	46	257	130	---	100	0	324	213	0	131	160
31	261	---	194	125	---	112	---	320	---	8	123	---
Mean	107	159	150	104	109	82	8	85	241	91	37	204
Max.	272	294	259	230	160	137	106	324	350	202	131	316
Min.	0	0	19	0	30	26	0	0	103	0	0	150
A.F.	6570	9430	9240	6370	6060	5020	480	5450	14320	5620	2260	12170
Water returned	92990 A.F.											

DAILY DIVERSIONS OF CANALS--1957

KEITH-LINCOLN COUNTY CANAL from North Platte River  
Measured through Parsons Flume--Sec. 18-14-36 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	64	46	42	63	87	84
2	75	46	30	65	89	82
3	80	48	27	70	87	81
4	79	56	26	69	87	85
5	78	53	26	74	87	88
6	77	45	33	78	86	88
7	76	44	41	79	86	85
8	76	49	46	81	94	84
9	71	58	63	80	95	84
10	71	45	50	79	94	84
11	74	41	39	79	101	84
12	71	40	34	81	103	84
13	70	46	30	85	102	84
14	67	45	13	86	97	83
15	65	41	18	76	96	76
16	63	43	29	80	97	53
17	56	36	39	85	94	65
18	50	26	34	0	87	65
19	34	24	38	0	81	66
20	41	34	35	2	85	65
21	41	38	36	1	88	64
22	15	35	36	0	91	63
23	0	33	36	55	86	63
24	0	29	35	63	87	60
25	0	27	43	81	85	57
26	0	24	65	80	88	57
27	0	25	65	79	85	58
28	0	27	66	84	81	57
29	0	28	67	85	82	56
30	0	24	64	81	82	56
31	0	36	---	86	81	---
Mean	45	38	40	65	89	72
Max.	80	58	67	86	103	88
Min.	0	24	13	0	81	53
A.F.	2760	2360	2390	3980	5500	4290
Water diverted	21280 A.F.					
Acres reported	D722-6117.					
Kingsley storage available.						

DAILY DIVERSIONS OF CANALS--1957

KIDBALL CANAL from Lodgepole Creek--Measured  
through section of canal--Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	40
2	0	0	17	0	40
3	0	0	38	0	39
4	0	0	29	0	39
5	0	0	31	40	40
6	0	0	39	41	39
7	0	0	35	40	39
8	0	0	22	40	42
9	0	0	37	40	39
10	0	0	40	43	42
11	0	0	40	47	38
12	0	0	40	46	38
13	0	0	40	45	0
14	0	0	35	46	0
15	0	0	28	45	0
16	0	0	28	44	40
17	0	0	28	43	45
18	0	0	30	46	45
19	0	0	31	42	45
20	0	0	0	43	40
21	0	0	0	44	40
22	0	0	0	44	40
23	0	0	0	0	40
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	37	0
27	0	0	0	37	0
28	0	0	0	37	0
29	0	0	0	41	0
30	0	0	0	40	0
31	0	0	0	40	0
Mean	0	0	19	33	27
Max.	0	0	40	45	45
Min.	0	0	0	0	0
A.F.	0	0	1170	2020	1610
Water diverted	4300 A.F.				
Acres reported	A-397				
Oliver Reservoir Storage included.	4500				

DAILY DIVERSIONS OF CANALS--1957  
 LABELLE CANAL from Niobrara River  
 Measured through rating flume--Sec. 6-28-54 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	6	5	3.5	0
2	0	0	6	4.9	5	0
3	0	0	6	4.7	4.6	0
4	0	0	6	4.4	4.5	0
5	0	0	6	4.4	4.4	0
6	0	0	6	5	4.2	0
7	0	0	5	8	3.5	0
8	0	0	5	6	1.0	0
9	0	0	5	5	.6	0
10	0	0	5	5	.4	0
11	0	0	5	4.1	.5	0
12	0	0	4.9	4	.1	0
13	0	0	4.9	0	0	0
14	0	0	4.9	0	2	0
15	0	0	4.8	0	3.7	0
16	0	0	5.0	3.1	4.2	0
17	0	0	3.3	4.4	5	0
18	0	0	4.2	4.1	6	0
19	0	0	5	6	6	0
20	0	8	5	7	5	0
21	0	7	5	8	5	0
22	0	7	5	6	6	0
23	0	7	5	3.2	2	0
24	0	7	5	0	0.2	0
25	0	7	5	0	0	0
26	0	7	4.8	0	0	0
27	0	7	5	0	0	0
28	0	7	5	0	0	0
29	0	7	5	0	0	0
30	0	6	5	0	0	0
31	-	6	-	0	0	-
Mean	0	3	5	3	2	0
Max.	0	8	6	8	6	0
Min.	0	0	3.3	0	0	0
A.F.	0	170	300	200	150	0

Water diverted 820 A.F.  
 Acreage reported D518-140, A60-220. Total 360.

DAILY DIVERSIONS OF CANALS--1957  
 LAKOTAH CANAL from Niobrara River--Measured  
 through 2-foot Parshall flume--Sec. 1-30-57 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	6	0	5	4	4	4
2	0	0	0	4	3	4	4
3	0	0	0	3	3	4	4
4	1	0	0	4	4	4	4
5	2	0	0	5	2	4	4
6	3	0	0	5	2	3	4
7	4	0	0	5	2	3	4
8	4	0	0	5	2	3	4
9	3	0	0	5	2	3	4
10	3	0	5	6	2	3	4
11	3	0	5	6	2	3	4
12	3	0	5	6	2	3	4
13	3	0	9	6	2	3	5
14	5	0	8	6	3	3	5
15	5	0	7	6	9	3	5
16	5	0	8	6	5	4	5
17	5	0	9	6	4	4	4
18	5	0	0	5	4	4	4
19	5	0	0	5	4	4	4
20	4	0	4	4	4	4	4
21	2	0	3	4	4	4	4
22	2	0	5	4	4	4	4
23	3	0	8	4	4	4	4
24	3	0	6	4	4	4	4
25	6	0	6	4	4	3	3
26	6	0	6	4	4	2	3
27	6	0	8	4	4	3	3
28	6	0	6	4	4	3	3
29	6	0	7	4	4	4	3
30	6	0	5	3	4	4	3
31	6	-	5	-	4	4	-
Mean	4	0	4	5	4	4	4
Max.	6	6	9	6	9	4	5
Min.	0	0	0	3	2	2	3
A.F.	230	10	250	280	210	220	230

Water diverted 1430 A.F.  
 Acreage reported D-554 335

DAILY DIVERSIONS OF CANALS--1957

LAST CHANCE CANAL from Pumpkinseed Creek  
 Measured through rating flume--Sec. 27-19-50 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	8	0	0	0	3	7	4
2	7	0	0	0	5	12	4
3	7	0	0	0	9	17	4
4	7	0	0	0	8	12	4
5	7	0	0	0	16	6	4
6	8	0	0	0	10	5	4
7	8	0	0	0	6	5	3
8	8	0	0	4	5	5	4
9	7	0	0	7	6	4	4
10	8	0	0	7	9	3	4
11	22	0	0	6	8	3	4
12	23	0	0	5	8	6	4
13	24	0	0	3	7	4	4
14	14	0	0	3	6	4	4
15	8	0	0	1	7	4	5
16	7	0	0	0	6	5	6
17	7	0	0	0	6	4	7
18	6	0	0	0	6	4	4
19	6	0	0	0	5	4	3
20	5	0	0	0	6	4	2
21	5	0	0	0	5	5	2
22	5	0	0	0	5	5	2
23	5	0	0	0	6	5	1
24	5	0	0	0	8	5	0
25	3	0	0	0	7	5	1
26	2	0	0	4	5	5	0
27	0	0	0	4	5	5	1
28	0	0	0	5	4	5	1
29	0	0	0	5	4	5	1
30	0	0	0	4	6	5	1
31	0	-	0	-	7	5	-
Mean	7	0	0	2	7	6	3
Max.	24	0	0	7	16	17	7
Min.	0	0	0	0	3	3	0
A.F.	440	0	0	120	400	340	180

Water diverted 1480 A.F.  
 Acreage reported D-823 442

DAILY DIVERSIONS OF CANALS--1957

LICHTE CANAL from Niobrara River  
Measured through 3' Parshall flume--Sec. 27-29-48 V.

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	1	0
7	0	0	0	0	1	0
8	0	0	0	0	1	0
9	0	2	0	0	2	0
10	0	2	0	0	0	0
11	0	2	0	0	1	0
12	0	3	0	0	2	0
13	0	3	0	0	2	0
14	0	3	0	0	2	0
15	0	2	0	0	2	0
16	0	3	0	0	2	0
17	0	3	0	0	2	0
18	0	2	0	0	0	0
19	0	2	0	0	0	0
20	0	2	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
Mean	0	1	0	0	1	0
Max.	1	3	0	0	2	0
Min.	0	0	0	0	0	0
A.F.	2	58	0	0	36	0
Water diverted	96 A.F.					

Acreage reported	
D- 479	100
A-1086	148
A-1088	31
A-1152	16
A-2523	205
A-2837	102
A-3592	46
<b>Total</b>	<b>648</b>

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	79	0	2	19	34	21
2	55	0	2	22	45	24
3	60	0	7	24	46	23
4	38	0	3	24	36	11
5	63	0	11	22	34	23
6	72	0	14	17	43	23
7	57	0	13	11	54	21
8	46	17	7	0	54	23
9	46	14	4	0	42	22
10	29	15	7	30	35	16
11	35	14	16	67	31	13
12	74	18	24	65	30	11
13	42	22	9	43	24	15
14	38	25	0	33	30	20
15	36	17	0	34	55	27
16	35	15	0	35	54	25
17	30	6	0	31	51	23
18	17	1	0	18	46	20
19	21	10	0	17	51	15
20	12	31	0	21	49	13
21	0	74	7	31	41	16
22	0	24	11	57	51	15
23	0	25	7	52	49	14
24	0	23	22	52	48	12
25	0	35	18	39	45	18
26	0	39	14	23	42	16
27	0	38	16	22	39	20
28	0	24	16	22	34	22
29	0	15	21	25	27	19
30	0	7	21	34	39	20
31	0	7	--	34	17	--
Mean	29	17	9	30	41	19
Max.	79	74	24	67	54	25
Min.	0	0	0	0	17	11
A.F.	1760	1020	540	1830	2530	1110
Water diverted	8790 A.F.					

Acreage reported	
D- 856	1392
D- 787R	1168
A- 243R	635
A- 991	216
A-4658	112
<b>Total</b>	<b>3513</b>

DAILY DIVERSIONS OF CANALS--1957  
 LYONS CANAL from North Platte River  
 Measured through Parshall flume--Sec. 30-17-44 W.

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

Water diverted 720 A.F.  
 Acreage reported D803-891.

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	7.6	7.1	0	0	1.4	0.9	2.3
2	7.6	7.1	0	0	1.7	1.0	2.4
3	7.6	2.7	0	0	1.5	1.8	2.4
4	7.7	0	0	0	1.2	1.6	2.8
5	7.0	0	0	0	1.1	1.2	2.7
6	7.4	0	0	0	1.9	1.9	2.6
7	7.4	0	0	0	1.7	1.4	2.6
8	7.1	0	0	0	1.6	1.2	2.6
9	7.0	0	0	1.4	1.5	1.2	3.0
10	7.1	0	0	3.7	1.4	1.6	3.0
11	7.0	0	0	3.6	1.4	1.6	3.0
12	7.0	0	0	3.6	1.3	1.1	3.0
13	6.9	0	0	3.7	1.5	1.0	3.0
14	2.6	0	0	3.4	1.5	1.8	2.5
15	1.8	0	0	3.7	1.4	2.2	2.4
16	.8	0	0	3.8	1.4	2.3	2.4
17	0	0	0	3.8	1.4	2.8	2.5
18	0	0	0	3.7	0	2.8	2.4
19	0	0	0	3.5	1.3	2.7	2.2
20	0	0	0	3.4	0	2.6	2.2
21	2.5	0	0	3.1	0	2.4	1.9
22	6.8	0	0	3.0	0	3.3	1.9
23	6.9	0	0	2.9	0	3.4	2.1
24	7.0	0	0	2.9	1.1	3.4	1.7
25	7.5	0	0	2.7	1.1	3.4	1.7
26	7.4	0	0	2.8	1.4	3.5	1.8
27	7.3	0	0	2.8	1.3	2.9	1.7
28	7.2	0	1.0	2.6	1.3	2.7	1.6
29	7.1	0	.9	2.4	1.7	2.6	2.4
30	7.1	0	.8	2.1	1.6	2.8	1.9
31	7.1	0	.8	2.1	1.6	2.8	1.9
Mean	5.6	0.6	0.1	2.3	0.5	2.1	2.3
Max.	7.7	7.1	1.0	3.8	1.8	3.5	3.0
Min.	0	0	0	0	0	0	1.6
A.F.	350	30	10	140	30	130	140

Water diverted 830 A.F.  
 Acreage reported D-513a 515  
 D-980 97  
 Total 612

DAILY DIVERSIONS OF CANALS--1957

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

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

Water diverted 370 A.F.  
 Acreage reported D- 351 176  
 A- 734 122  
 Total 298

DAILY DIVERSIONS OF CANALS--1957  
 McLAUGHLIN CANAL from Niobrara River  
 Measured through rating flume--Sec. 9-28-52 W.

Date	Oct.	Nov.	June	July	Aug.	Sept.
1	7	7	0	8	8	0
2	5	2	0	8	8	0
3	4	0	0	8	2	0
4	4	0	0	8	0	0
5	6	0	0	8	0	0
6	8	0	0	7	0	0
7	7	0	0	7	0	0
8	5	0	0	7	0	4
9	5	0	0	8	0	7
10	6	0	0	7	0	7
11	6	0	0	7	0	7
12	6	0	0	7	0	7
13	6	0	0	7	0	7
14	6	0	0	8	8	7
15	6	0	0	7	12	7
16	6	0	0	7	3	11
17	6	0	0	7	0	7
18	6	0	0	6	0	8
19	6	0	0	6	0	8
20	6	0	0	6	0	7
21	7	0	0	7	0	7
22	7	0	0	6	0	7
23	7	0	0	6	0	6
24	7	0	1	7	0	6
25	7	0	6	7	0	6
26	7	0	7	7	0	6
27	7	0	8	7	0	6
28	7	0	8	7	0	6
29	7	0	8	7	0	6
30	7	0	8	7	0	6
31	7	0	8	7	0	6
Mean	6	0	2	7	1	5
Max.	8	7	8	8	12	11
Min.	4	0	0	6	0	0
A.F.	390	20	90	430	80	310

Water diverted 1320 A.F.  
 Acreage reported U666-500.

DAILY DIVERSIONS OF CANALS--1957  
 MEEKER CANAL from Republican River  
 Measured through rating flume--Sec. 15-3-31 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	40	0	0	15	54	47
2	39	0	0	18	57	48
3	38	0	0	20	54	46
4	40	0	30	17	54	45
5	42	0	52	16	53	42
6	41	0	52	15	58	42
7	42	0	50	18	61	40
8	43	0	47	15	60	38
9	43	0	37	19	60	44
10	43	0	17	23	60	44
11	43	0	18	23	60	41
12	42	0	9	33	59	39
13	43	0	0	33	58	40
14	44	0	0	41	59	34
15	39	0	0	39	58	34
16	0	0	0	25	59	33
17	0	0	16	51	59	30
18	0	0	8	51	58	30
19	0	0	0	50	57	34
20	0	0	0	52	56	36
21	0	0	0	51	54	37
22	0	0	12	54	56	34
23	0	0	21	56	47	32
24	0	0	18	55	49	29
25	0	0	19	54	53	27
26	0	0	17	55	47	32
27	0	0	18	55	48	33
28	0	0	16	55	41	31
29	0	0	14	52	50	31
30	0	0	14	56	46	30
31	0	0	—	58	48	—
Mean	20	0	16	38	55	37
Max.	44	0	52	58	61	48
Min.	0	0	0	15	41	27
A.F.	1230	0	960	2330	3360	2190

Water diverted 10070 A.F.  
 Acreage reported D4,7,8 & 9-2930.  
 Supplemental storage available.

DAILY DIVERSIONS OF CANALS--1957

MEEKER DRIFTWOOD CANAL from Republican River  
 Measured through Parshall flume--Sec. 8-2-33 W.

Date	May	June	July	Aug.	Sept.
1	0	0	5	23	18
2	0	0	5	23	18
3	0	0	5	23	24
4	0	0	5	23	22
5	0	0	5	23	27
6	0	0	5	23	23
7	0	0	5	30	23
8	0	0	5	33	23
9	0	0	5	33	23
10	0	0	5	33	17
11	0	0	17	33	14
12	0	0	21	33	15
13	0	0	18	33	15
14	0	0	16	33	16
15	0	0	13	33	16
16	0	0	11	33	16
17	0	0	10	33	16
18	0	0	12	33	16
19	0	0	13	33	17
20	0	0	13	34	17
21	0	0	13	34	17
22	0	0	13	35	17
23	0	5	13	35	13
24	0	5	13	35	4
25	0	5	12	35	0
26	0	5	12	32	0
27	0	5	12	25	0
28	0	5	13	20	0
29	0	5	18	18	0
30	0	5	22	12	0
31	0	—	22	18	—
Mean	0	1	12	29	14
Max.	0	5	22	35	27
Min.	0	0	5	18	0
A.F.	0	80	710	1790	250

Water diverted 3430 A.F. Acreage reported 4-6213 2788

DAILY DIVERSIONS OF CANALS--1957  
 MEREDITH-APMER CANAL from Pumpkinseed Creek  
 Measured through rating flume--Sec. 23-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	0	5	1
2	2	0	0	1	5	1
3	2	0	0	5	5	1
4	2	0	0	6	6	1
5	2	0	0	8	5	1
6	2	0	0	9	5	2
7	1	0	0	12	5	1
8	0	0	0	10	6	3
9	0	0	0	11	6	3
10	0	0	0	8	5	4
11	0	0	0	10	5	5
12	0	0	0	8	5	5
13	0	0	0	8	5	4
14	0	0	0	7	5	4
15	0	0	0	5	5	4
16	0	0	0	5	5	4
17	0	0	0	5	5	4
18	0	0	0	4	5	4
19	0	0	0	2	5	4
20	0	0	0	7	5	1
21	0	0	0	7	5	0
22	0	0	0	8	5	0
23	0	0	0	9	4	0
24	0	0	0	7	4	0
25	0	0	0	6	3	0
26	0	0	0	6	3	0
27	0	0	0	7	2	0
28	0	0	0	7	2	0
29	0	0	0	6	3	0
30	0	0	0	7	2	0
31	0	0	0	5	1	—
Mean	0	0	0	7	4	2
Max.	2	0	0	12	6	5
Min.	0	0	0	0	1	0
A.F.	30	0	0	400	270	120

Water diverted 820 A.F.  
 Acreage reported D876-445

DAILY DIVERSIONS OF CANALS--1957  
 METTLEN CANAL from Niobrara River  
 Measured through rating flume--Sec. 4-28-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3.7	0	0	7.1	2.9	1.3
2	4.0	0	0	7.0	2.8	1.2
3	4.0	0	0	7.0	2.6	1.2
4	4.4	0	0	7.0	2.4	1.2
5	4.4	0	0	7.0	2.3	1.3
6	1.8	0	0	7.0	2.0	1.3
7	0	0	0	6.0	1.9	1.3
8	0	0	0	7.0	2.6	1.3
9	0	0	0	8.0	3.0	1.3
10	0	0	0	7.0	2.9	1.3
11	0	0	0	0	2.0	1.3
12	0	0	0	0	1.6	1.3
13	0	0	0	0	1.6	1.4
14	0	0	0	0	1.7	1.5
15	0	0	0	0	2.2	1.3
16	0	0	0	0	2.4	.9
17	0	0	0	0	2.8	.8
18	0	0	0	0	2.9	.8
19	0	0	0	0	2.5	.8
20	0	0	0	0	2.4	.8
21	0	0	0	0.5	2.5	.7
22	0	0	0	0	2.9	.6
23	0	0	0	1.0	2.9	.7
24	0	0	0	0	2.2	.7
25	0	0	0	0	1.1	3.1
26	0	0	4.0	0	1.3	0
27	0	0	7.0	0	1.3	0
28	0	0	7.0	0	1.3	0
29	0	0	6.0	0	1.3	0
30	0	0	7.0	0	1.3	0
31	0	0	—	0	1.4	—
Mean	0.7	0	1.0	2.3	2.2	1.0
Max.	4.4	0	7.0	8.0	3.0	3.1
Min.	0	0	0	0	1.1	0
A.F.	50	0	60	140	130	60

Water diverted 440 A.F. Acreage reported A292-342, A1248-53, A2244-60.  
 Total 475.

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	41	25
2	0	0	0	12	40	23
3	0	0	25	22	40	19
4	0	0	33	20	40	19
5	0	0	27	20	40	19
6	0	0	26	18	37	18
7	0	0	23	19	39	17
8	0	0	16	21	36	16
9	0	0	15	25	29	16
10	0	0	15	22	36	15
11	0	0	16	25	35	14
12	0	0	17	29	36	14
13	0	0	14	31	35	15
14	0	0	14	31	35	5
15	0	0	12	33	36	0
16	0	0	11	31	40	0
17	0	0	10	35	40	0
18	0	0	9	38	39	0
19	0	0	8	43	37	0
20	0	0	9	44	37	0
21	0	0	9	44	38	0
22	0	0	9	44	39	0
23	0	0	6	41	40	0
24	0	0	6	39	38	0
25	0	0	5	42	36	0
26	0	0	6	42	35	0
27	0	0	7	42	35	0
28	0	0	6	42	39	0
29	0	0	4	41	39	0
30	0	0	0	41	35	0
31	0	0	-	40	31	-
Mean	0	0	12	32	38	8
Max.	0	0	33	44	41	25
Min.	0	0	0	0	31	0
A.F.	0	0	710	1940	2310	460

Water diverted 5420 A.F.  
Acreage reported  
A-2293 2401  
A-8692 20  
A-8930 50  
Total 2471

db  
10-22-57

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	23	62	25
2	0	0	0	19	62	26
3	0	0	0	20	59	27
4	0	0	0	20	56	25
5	0	0	0	27	56	18
6	0	0	0	31	52	13
7	0	0	0	29	54	12
8	0	0	0	29	31	12
9	0	0	0	30	37	12
10	0	0	25	25	29	14
11	0	0	29	31	28	14
12	0	0	30	34	30	9
13	0	0	29	38	32	9
14	0	0	27	40	41	4
15	0	0	26	37	45	0
16	0	0	28	32	43	0
17	0	0	15	32	46	0
18	0	0	15	36	47	0
19	0	0	20	39	45	0
20	0	0	27	42	45	0
21	0	0	22	42	44	0
22	0	0	24	42	43	0
23	0	0	25	42	38	0
24	0	0	24	40	35	0
25	0	0	22	47	35	0
26	0	0	22	44	40	0
27	0	0	23	53	43	0
28	0	0	16	59	46	0
29	0	0	13	60	34	0
30	0	0	26	59	26	0
31	0	0	-	60	26	-
Mean	0	0	16	38	42	7
Max.	0	0	30	60	62	27
Min.	0	0	0	19	26	0
A.F.	0	0	970	2310	2600	440

Water diverted 6320 A.F.  
Acreage reported  
A-2293 2612  
A-2678 252  
A-4131 17  
A-6522 25  
Total 2906

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	42	90	50
2	0	0	0	44	90	50
3	0	0	0	43	91	48
4	0	0	0	48	68	43
5	0	0	0	43	82	44
6	0	0	0	39	76	44
7	0	0	0	38	71	42
8	0	0	0	43	84	39
9	0	0	0	56	67	46
10	0	0	22	50	63	49
11	0	0	46	54	72	30
12	0	0	63	58	70	0
13	0	0	57	63	69	0
14	0	0	62	62	69	0
15	0	0	63	63	69	0
16	0	0	23	57	81	0
17	0	0	0	45	84	0
18	0	0	0	38	83	0
19	0	0	11	37	84	0
20	0	0	30	38	74	0
21	0	0	41	46	70	0
22	0	0	50	54	69	0
23	0	0	51	53	70	0
24	0	0	44	64	68	0
25	0	0	43	61	67	0
26	0	0	52	68	67	0
27	0	0	58	72	66	0
28	0	0	54	81	67	0
29	0	0	51	82	68	0
30	0	0	44	92	56	0
31	0	0	-	86	50	-
Mean	0	0	29	55	73	16
Max.	0	0	63	92	91	50
Min.	0	0	0	37	50	0
A.F.	0	0	1720	3410	4470	960

Water diverted 10560 A.F.  
Acreage reported  
A-2293 4277  
A-2678 110  
Total 4397

db  
10-22-57

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
CANAL NO. 4 from Middle Loup River  
Measured through rating flume--Sec. 31-15-16 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	28	111	56
2	0	0	0	27	109	55
3	0	0	0	26	108	58
4	0	0	55	27	90	49
5	0	0	67	27	96	40
6	0	0	53	25	100	35
7	0	0	35	27	96	31
8	0	0	27	29	92	31
9	0	0	25	30	71	29
10	0	0	24	28	76	27
11	0	0	29	54	96	30
12	0	0	30	73	103	28
13	0	0	29	77	104	26
14	0	0	28	66	105	12
15	0	0	30	43	108	0
16	0	0	12	41	104	0
17	0	0	0	40	112	0
18	0	0	25	40	113	0
19	0	0	38	47	108	0
20	0	0	38	62	96	0
21	0	0	37	72	86	0
22	0	0	36	74	75	0
23	0	0	37	90	76	0
24	0	0	36	96	75	0
25	0	0	36	96	74	0
26	0	0	38	106	73	0
27	0	0	38	106	72	0
28	0	0	35	116	75	0
29	0	0	32	116	65	0
30	0	0	30	110	54	0
31	0	0	-	104	53	-
Mean	0	0	30	61	90	17
Max.	0	0	67	116	118	58
Min.	0	0	0	25	53	0
A.F.	0	0	1750	2770	5510	1010

Water diverted 12070 A.F.  
Acreage reported  
A-2293 5963  
A-2678 84  
A-5179 125  
Total 6172

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

Date	May	June	July	Aug.	Sept.
1	0	0	3	1	10
2	0	0	3	1	10
3	0	0	12	2	11
4	0	11	9	1	9
5	0	11	7	2	8
6	0	10	6	2	8
7	0	13	7	2	8
8	0	8	9	4	7
9	0	4	10	5	7
10	0	4	8	5	8
11	0	4	8	6	7
12	0	6	9	6	6
13	0	6	6	6	7
14	0	5	4	4	9
15	0	5	7	3	2
16	0	8	3	3	0
17	0	6	3	3	0
18	0	5	4	3	0
19	0	4	3	1	0
20	0	3	2	1	0
21	0	4	0	2	0
22	0	4	0	2	0
23	0	4	0	2	0
24	0	3	1	3	0
25	0	3	2	3	0
26	0	3	4	3	0
27	0	3	3	4	0
28	0	3	2	5	0
29	0	3	3	6	0
30	0	3	2	7	0
31	0	-	2	8	-
Mean	0	5	5	3	4
Max.	0	13	12	8	11
Min.	0	0	0	1	0
A.F.	0	290	280	210	230
Water returned					
1010 A.F.					

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

Date	May	June	July	Aug.	Sept.
1	0	0	12	7	18
2	0	0	9	7	17
3	0	0	8	10	18
4	0	0	9	12	18
5	0	0	10	15	18
6	0	0	14	16	11
7	0	0	13	14	9
8	0	0	9	14	9
9	0	0	9	20	9
10	0	0	4	18	11
11	0	4	6	16	11
12	0	10	4	16	10
13	0	10	3	12	7
14	0	9	4	13	5
15	0	8	7	14	0
16	0	13	10	11	0
17	0	5	7	10	0
18	0	2	5	10	0
19	0	4	4	10	0
20	0	11	3	7	0
21	0	8	6	6	0
22	0	8	5	7	0
23	0	10	1	13	0
24	0	9	0	15	0
25	0	9	0	15	0
26	0	9	2	16	0
27	0	8	1	21	0
28	0	12	4	23	0
29	0	3	4	27	0
30	0	7	5	18	0
31	0	-	6	16	-
Mean	0	5	6	14	6
Max.	0	13	14	27	18
Min.	0	0	0	6	0
A.F.	0	320	360	850	340
Water returned					
1870 A.F.					

DAILY DIVERSIONS OF CANALS--1957

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	0	5	0	21
2	0	0	6	1	21
3	0	0	7	2	21
4	0	0	7	4	20
5	0	0	8	3	19
6	0	0	7	8	21
7	0	0	5	9	19
8	0	0	8	7	20
9	0	0	10	12	22
10	0	0	11	14	25
11	0	0	8	14	29
12	0	0	3	15	20
13	0	1	9	8	2
14	0	2	15	5	2
15	0	2	15	3	0
16	0	7	18	2	0
17	0	3	16	5	0
18	0	0	15	6	0
19	0	0	17	8	0
20	0	0	14	11	0
21	0	1	14	10	0
22	0	4	17	9	0
23	0	5	14	9	0
24	0	7	4	11	0
25	0	4	3	10	0
26	0	4	1	8	0
27	0	7	0	7	0
28	0	9	0	12	0
29	0	7	0	18	0
30	0	5	0	20	0
31	0	-	0	20	-
Mean	0	2	8	9	9
Max.	0	9	18	20	29
Min.	0	0	0	0	0
A.F.	0	130	510	540	520
Water returned					
1700 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	5	0	11
2	0	0	5	1	20
3	0	0	6	8	26
4	0	0	6	15	27
5	0	0	5	17	28
6	0	20	5	17	19
7	0	15	4	18	12
8	0	6	4	16	7
9	0	2	4	13	9
10	0	1	2	8	11
11	0	0	1	9	10
12	0	0	7	16	14
13	0	0	21	16	16
14	0	0	26	15	21
15	0	0	25	14	14
16	0	9	18	15	5
17	0	8	16	13	3
18	0	2	15	16	0
19	0	0	14	17	0
20	0	2	13	17	0
21	0	7	16	13	0
22	0	7	18	8	0
23	0	6	10	7	0
24	0	5	8	12	0
25	0	5	10	10	0
26	0	5	0	8	0
27	0	7	0	6	0
28	0	8	0	8	0
29	0	7	0	11	0
30	0	6	1	10	0
31	0	-	0	9	-
Mean	0	4	9	12	8
Max.	0	20	28	19	28
Min.	0	0	0	0	0
A.F.	0	250	530	720	500
Water returned					
2000 A.F.					



DAILY DIVERSIONS OF CANALS--1957

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1957

	May	June	July	Aug.	Sept.	Total
<b>Diversion:</b>						
Canal No. 1.....	0	710	1940	2310	460	5420
Canal No. 2.....	0	970	2310	2600	440	6320
Canal No. 3.....	0	1720	3410	4470	960	10560
Canal No. 4.....	0	1780	3770	5510	1010	12070
<b>Total diversion.....</b>	<b>0</b>	<b>5180</b>	<b>11430</b>	<b>14890</b>	<b>2870</b>	<b>34370</b>
<b>Returned through spillways:</b>						
Canal No. 1.....	0	290	280	210	230	1010
Canal No. 2.....	0	320	360	850	340	1870
Canal No. 3.....	0	130	510	540	520	1700
Canal No. 4.....	0	250	530	720	500	2000
<b>Total returned.....</b>	<b>0</b>	<b>990</b>	<b>1680</b>	<b>2320</b>	<b>1590</b>	<b>6580</b>
<b>Net diverted.....</b>	<b>0</b>	<b>4190</b>	<b>9750</b>	<b>12570</b>	<b>1280</b>	<b>27790</b>

DAILY DIVERSIONS OF CANALS--1957  
MIDLAND-OVERLAND CANAL from North Platte River  
Measured through Parshall flume--Sec. 2-16-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	18	0	0	0	15	0
2	18	0	0	0	16	0
3	18	0	0	0	17	0
4	22	0	0	0	15	0
5	22	0	0	0	14	0
6	17	0	0	0	14	0
7	17	0	0	0	15	0
8	19	0	0	0	14	0
9	22	0	0	0	10	0
10	21	0	0	5	6	0
11	18	0	0	15	4	0
12	17	0	0	22	4	0
13	17	0	0	32	15	0
14	17	0	0	28	19	0
15	12	0	0	18	18	0
16	11	0	0	14	17	0
17	11	0	0	12	17	0
18	11	0	0	0	19	0
19	10	0	0	0	19	0
20	10	0	0	0	23	0
21	11	0	0	7	21	0
22	10	0	0	17	17	0
23	0	0	0	17	21	0
24	0	0	0	19	21	0
25	0	0	0	20	21	0
26	0	0	0	19	20	4
27	0	0	0	13	13	10
28	0	0	0	13	7	7
29	0	0	0	15	5	11
30	0	0	0	15	3	12
31	0	0	0	15	2	--
Mean	11	0	0	10	14	1
Max.	22	0	0	32	23	12
Min.	0	0	0	0	2	0
A.F.	690	0	0	630	880	90

Water diverted 2290 A.F.  
Acreage reported D789-1000, D791, O.D. A1742-1028,  
D800-98. Total 2126.

DAILY DIVERSIONS OF CANALS--1957  
MINATARE CANAL from North Platte River  
Measured through rating flume--Sec. 32-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	62	0	0	48	29	13
2	67	0	0	50	31	7
3	68	0	0	59	33	23
4	68	0	0	62	47	31
5	58	0	0	60	49	30
6	50	0	0	92	56	24
7	50	0	0	125	68	22
8	48	0	0	128	60	22
9	47	0	0	119	76	33
10	46	0	0	0	81	40
11	49	0	0	0	83	37
12	35	0	0	0	83	37
13	3	0	0	30	89	29
14	0	0	10	81	104	35
15	0	0	17	97	108	39
16	0	0	20	98	112	29
17	0	0	18	108	103	22
18	0	0	13	84	98	23
19	0	0	5	53	94	28
20	0	0	3	90	86	29
21	0	0	0	82	81	29
22	0	0	0	65	81	33
23	0	0	18	61	69	34
24	0	0	33	70	60	47
25	0	0	41	53	57	51
26	0	0	41	49	41	49
27	0	0	48	50	48	46
28	0	0	44	50	55	49
29	0	0	36	46	27	66
30	0	0	35	0	35	59
31	0	0	--	7	25	--
Mean	21	0	13	62	67	34
Max.	68	0	48	128	112	66
Min.	0	0	0	0	25	7
A.F.	1290	0	760	3800	4100	2020

Water diverted 11970 A.F.  
Acreage reported D919-9372

DAILY DIVERSIONS OF CANALS--1957

DAILY DIVERSIONS OF CANALS--1957

MIRAGE FLATS CANAL from Niobrara River  
Measured through Parshall flume--Sec. 26-20-48 W.

MITCHELL CANAL from North Platte River--Measured  
through rating flume--Sec. 10-23-60 W.--Wyoming

Date	May	June	July	Aug.	Sept.
1	0	0	0	121	60
2	0	0	0	174	58
3	0	0	0	172	59
4	0	0	0	131	59
5	0	0	0	173	58
6	0	0	49	129	55
7	0	0	60	126	49
8	0	0	65	123	49
9	0	0	83	115	49
10	0	0	123	108	50
11	0	0	140	110	53
12	0	0	146	123	50
13	0	0	152	132	41
14	0	0	155	138	30
15	0	0	167	140	29
16	0	0	177	138	30
17	0	0	177	87	31
18	0	0	177	26	39
19	0	0	177	116	46
20	0	0	174	122	51
21	0	0	38	106	51
22	0	0	149	97	53
23	0	0	146	96	64
24	0	0	138	92	64
25	0	0	126	91	64
26	0	0	97	84	21
27	0	0	74	76	0
28	0	0	74	74	0
29	0	0	84	68	0
30	0	0	100	57	0
31	0	0	114	51	-
Mean	0	0	100	106	42
Max.	0	0	177	140	64
Min.	0	0	0	26	0
A.F.	0	0	6190	6540	2510
Water diverted	15240 A.F.				
Acres reported					
A-2683				9317	
A-3729				2329	
Total				11645	

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	172	166	0	0	185	24	100
2	172	163	0	0	100	79	100
3	187	62	0	201	100	108	100
4	191	0	0	288	100	101	100
5	191	0	0	285	100	104	101
6	192	0	0	230	195	101	100
7	191	0	0	114	195	88	100
8	194	0	0	106	195	75	100
9	185	0	0	106	195	175	100
10	185	0	0	106	195	175	108
11	187	0	0	110	195	175	104
12	188	0	0	144	195	175	105
13	175	0	0	204	195	175	111
14	170	0	0	211	204	175	106
15	184	0	0	211	192	175	105
16	185	0	0	204	199	175	107
17	181	0	0	175	197	175	106
18	180	0	0	178	195	175	108
19	179	0	0	175	174	175	106
20	174	0	0	93	0	175	140
21	173	0	0	93	0	104	109
22	172	0	0	93	100	100	105
23	169	0	0	94	121	100	103
24	180	0	0	94	111	100	101
25	180	0	0	103	116	100	105
26	174	0	0	102	119	100	101
27	161	0	0	103	122	100	101
28	173	0	0	102	118	100	105
29	176	0	0	100	59	104	105
30	175	0	0	102	50	96	103
31	169	-	0	-	50	96	-
Mean	180	13	0	138	132	125	105
Max.	194	166	0	288	204	175	140
Min.	161	0	0	0	0	24	100
A.F.	11040	780	0	8190	8480	7690	6240
Water diverted	42420 A.F.						
Acres reported							
D-1052							13633

DAILY DIVERSIONS OF CANALS--1957  
MONTAGUE CANAL from Niobrara River  
Measured through rating flume--Sec. 27-29-48 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0.2	0	0	0	0	0
7	0.2	0	0	0	0	0
8	0.2	0	0	0	0	0
9	0.3	0	0	0	0	0
10	0.2	0	0	0	0	0
11	0.4	0	0	0	0	0
12	1.0	0	0	0	0	0
13	1.3	0	0	0	0	0
14	1.5	0	0	0	0	0
15	1.7	0	0	0	0	0
16	2.1	0	0	0	0	0
17	2.7	0	0	0	0	0
18	2.7	0	0	0	0	0
19	2.8	0	0	0	0	0
20	2.8	0	0	0	0	0
21	2.0	0	0	0	0	0
22	0.5	0	0	0	0	0
23	0.5	0	0	0	0	0
24	0.5	0	0	0	0	0
25	0.5	0	0	0	0	0
26	0.5	0	0	0	0	0
27	0.5	0	0	0	0	0
28	0.5	0	0	0	0	0
29	0.5	0	0	0	0	0
30	0.5	0	0	0	0	0
31	0	0	0	0	0	0
Mean	0.9	0	0	0	0	0
Max.	2.8	0	0	0	0	0
Min.	0	0	0	0	0	0
A.F.	50	0	0	0	0	0
Water diverted	50 A.F.					
Acres reported	A575-32, A2754-20, A3923-42					
Total	94					

DAILY DIVERSIONS OF CANALS--1957

MOORE-KAY CANAL from Niobrara River  
Measured through rating flume--Sec. 9-22-53 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.	
1	7.0	8.0	0	0	0.7	4.8	0	7.0	
2	6.0	9.0	0	0	0.7	4.6	0	6.0	
3	6.0	3.5	0	0	0.6	4.4	0	6.0	
4	6.0	0.8	0	0	0.6	4.5	0	7.0	
5	6.0	0.2	0	0	0.6	4.5	0	7.0	
6	6.0	0	0	0	0.6	4.8	0	7.0	
7	6.0	0	0	0	0.6	4.8	0	7.0	
8	7.0	0	0	0	0.5	4.9	0	4.1	
9	8.0	0	0	5.0	0.5	5.0	1.8	0	
10	8.0	0	0	9.0	0.6	4.9	3.3	0	
11	8.0	0	0	8.0	0.6	5.0	3.3	0	
12	8.0	0	0	10.0	0.5	7.0	3.3	0	
13	8.0	0	0	4.2	0.5	8.0	3.5	0	
14	8.0	0	0	3.0	0.5	8.0	4.6	0	
15	8.0	0	0	3.0	0.5	8.0	6.0	0	
16	7.0	0	0	3.0	0.6	8.0	5.0	0	
17	8.0	0	0	3.0	0.6	7.0	5.0	0	
18	7.0	0	0	3.0	0.6	5.0	5.0	0	
19	7.0	0	0	2.0	0.6	2.7	4.9	0	
20	7.0	0	0	2.0	0.5	0	4.5	0	
21	7.0	0	0	2.0	0.4	0	4.7	0	
22	7.0	0	0	2.0	0.4	0	5.0	0	
23	8.0	0	0	1.0	0.4	0	4.8	0	
24	8.0	0	0	1.0	1.4	0	4.8	0	
25	8.0	0	0	1.0	5.0	0	6.0	0	
26	8.0	0	0	1.0	5.0	0	6.0	0	
27	8.0	0	0	1.2	4.4	0	7.0	0	
28	8.0	0	0	1.0	4.0	0	7.0	0	
29	8.0	0	0	0.9	4.0	0	7.0	0	
30	8.0	0	0	0.8	4.6	0	7.0	0	
31	8.0	-	-	0.8	---	0	7.0	-	
Mean	7.4	0.7	0	2.2	1.4	3.4	3.8	1.7	
Max.	8.0	9.0	0	10.0	5.0	8.0	7.0	7.0	
Min.	6.0	0	0	0	0.4	0	0	0	
A.F.	460	40	0	140	80	210	230	100	
Water diverted								Acreage reported	
	1260 A.F.							A-88	400

DAILY DIVERSIONS OF CANALS--1957

NAPONEE CANAL from Republican River--Measured  
through weir and from turnout--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.	
1	0	0	0	29	0	
2	0	0	0	29	0	
3	0	0	0	29	0	
4	0	0	0	29	0	
5	0	0	0	26	0	
6	0	0	0	24	0	
7	0	0	0	24	0	
8	0	0	0	24	0	
9	0	0	0	22	0	
10	0	0	0	21	0	
11	0	0	0	21	0	
12	0	0	0	22	0	
13	0	0	0	25	0	
14	0	0	0	27	0	
15	0	0	0	27	0	
16	0	0	0	27	0	
17	0	0	12	18	0	
18	0	0	13	13	0	
19	0	0	20	21	0	
20	0	0	26	19	0	
21	0	0	28	17	0	
22	0	0	28	16	0	
23	0	0	31	16	0	
24	0	0	32	13	0	
25	0	0	32	12	0	
26	0	0	32	12	0	
27	0	0	32	10	0	
28	0	0	27	9	0	
29	0	0	26	3	0	
30	0	0	26	0	0	
31	0	-	28	0	-	
Mean	0	0	13	19	0	
Max.	0	0	32	29	0	
Min.	0	0	0	0	0	
A.F.	0	0	780	1160	0	
Water diverted						Acreage reported
	1940 A.F.					A-4217 241
						A-6220 94
						Total 335

DAILY DIVERSIONS OF CANALS--1957  
NINE MILE CANAL from North Platte River  
Measured through rating flume--Sec. 17-21-53 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	70	0	0	76	52	58
2	78	0	0	74	64	56
3	60	0	0	60	64	54
4	66	0	0	37	56	47
5	66	0	0	39	57	45
6	68	0	9	30	52	54
7	69	0	53	23	47	58
8	70	0	17	24	63	58
9	68	0	17	45	59	57
10	49	0	41	65	50	54
11	0	0	42	65	40	49
12	0	0	64	59	56	52
13	0	0	68	52	60	54
14	0	0	62	57	52	55
15	0	0	65	23	64	54
16	0	0	74	15	66	54
17	0	0	76	4	64	54
18	0	0	70	0	82	54
19	0	0	64	40	60	54
20	0	0	58	80	63	54
21	0	0	54	62	60	52
22	0	0	66	66	54	52
23	0	0	71	68	55	49
24	0	0	68	86	56	49
25	0	0	81	66	58	50
26	0	0	65	65	58	48
27	0	0	66	67	53	58
28	0	0	70	65	54	60
29	0	0	62	56	70	58
30	0	0	65	22	54	66
31	0	0	---	42	56	---
Mean	21	0	48	49	58	54
Max.	78	0	81	86	82	66
Min.	0	0	0	0	40	45
A.F.	1320	0	2870	3040	3570	3210
Water diverted	14010 A.F.					
Acreage reported	D925-5618, O.D.P262-71					
Total	5689					

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.	
1	0	0	56	37	192	164	
2	0	0	60	50	192	168	
3	0	0	62	57	185	152	
4	0	0	65	58	190	143	
5	0	0	66	58	189	128	
6	0	0	66	56	173	128	
7	0	0	69	61	172	130	
8	0	0	62	68	147	123	
9	0	0	63	68	164	114	
10	0	0	63	77	167	93	
11	0	0	67	88	163	83	
12	0	0	62	113	164	80	
13	0	0	56	136	170	79	
14	0	0	46	136	182	19	
15	0	0	46	138	182	0	
16	0	0	0	157	194	0	
17	0	0	0	166	189	0	
18	0	0	0	174	186	0	
19	0	0	0	177	192	0	
20	0	36	0	179	183	0	
21	0	58	0	185	184	0	
22	0	34	0	182	186	0	
23	0	30	15	186	190	0	
24	0	34	62	186	189	0	
25	0	40	57	188	188	0	
26	0	31	58	195	188	0	
27	0	37	52	199	186	0	
28	0	48	40	189	165	0	Acreage reported
29	0	54	39	190	174	0	A-2155 136
30	0	54	38	187	171	0	A-2312 12540
31	0	54	---	196	174	0	A-2417 183
Mean	0	16	42	134	180	53	A-3892 36
Max.	0	58	69	199	194	168	A-4207 62
Min.	0	0	0	37	147	0	A-4400 29
A.F.	0	1010	2520	8210	11050	3180	A-6430 54
Water diverted	25970 A.F.						A-7600 12
							Total 13052

DAILY DIVERSION FC CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.	
1	0	0	51	34	113	67	
2	0	0	49	36	116	73	
3	0	0	53	41	106	70	
4	0	0	52	41	92	63	
5	0	0	51	44	94	56	
6	0	0	51	36	93	57	
7	0	0	54	44	91	52	
8	0	0	52	44	61	51	
9	0	0	43	49	78	45	
10	0	0	38	54	81	38	
11	0	0	37	58	84	36	
12	0	0	35	83	83	35	
13	0	0	34	108	82	31	
14	0	0	29	95	94	9	
15	0	0	30	88	101	0	
16	0	0	3	94	111	0	
17	0	52	0	108	107	0	
18	0	29	0	109	112	0	
19	0	25	0	114	109	0	
20	0	27	0	116	114	0	
21	0	29	0	117	109	0	
22	0	31	0	119	108	0	
23	0	32	0	118	103	0	
24	0	36	27	117	105	0	
25	0	52	29	115	104	0	
26	0	43	35	116	104	0	
27	0	45	35	116	102	0	
28	0	52	36	122	93	0	
29	0	59	36	117	87	0	
30	0	64	35	115	76	0	
31	0	58	---	116	62	---	
Mean	0	20	30	87	96	23	Acreage reported
Max.	0	64	54	122	116	73	A-2312 5790
Min.	0	0	0	34	61	0	A-3828 39
A.F.	0	1260	1770	5320	5900	1350	A-5133 45
Water diverted	15600 A.F.						A-6943 16
							Total 5890

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	50	26	85	45
2	0	0	50	25	87	40
3	0	0	49	29	73	41
4	0	0	49	29	64	41
5	0	0	48	27	62	41
6	0	0	48	31	56	29
7	0	0	44	30	54	25
8	0	0	38	30	54	21
9	0	0	34	36	49	17
10	0	0	31	44	56	18
11	0	0	30	56	55	19
12	0	0	27	71	62	19
13	0	25	26	80	67	17
14	0	8	25	53	62	3
15	0	13	23	44	74	0
16	0	20	0	58	76	0
17	0	17	0	68	76	0
18	0	16	0	62	75	0
19	0	15	0	60	76	0
20	0	20	0	57	76	0
21	0	19	0	59	81	0
22	0	20	0	62	79	0
23	0	24	0	63	76	0
24	0	31	0	66	77	0
25	0	35	18	72	77	0
26	0	32	19	79	77	0
27	0	35	20	84	78	0
28	0	42	20	82	72	0
29	0	48	19	84	65	0
30	0	47	22	86	56	0
31	0	49	---	85	49	---
Mean	0	17	23	56	69	13
Max.	0	49	50	86	87	45
Min.	0	0	0	25	49	0
A.F.	0	1020	1370	3450	4230	750
Water diverted						
10220 A.F.						
				Acres reported		
				A-2312	5663	

DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	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	11.0	0	0	0	0
21	8.8	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	.6	0	0	0	0
Max.	11.0	0	0	0	0
A.F.	40	0	0	0	0
Water returned					
40 A.F.					

Gage data reported by North Loup Public Power and Irrigation District

DAILY DIVERSIONS OF CANALS--1957

NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT  
 TAYLOR-ORD SPILLWAY @ 29.93--Returned to North Loup River  
 Measured through 8-foot weir--Sec. 35-20-15 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	2.0	0
5	0	0	0	2.0	0
6	0	0	0	.8	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	.8	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	.8	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0	0	.2	0
Max.	0	0	.8	2.0	0
Min.	0	0	0	0	0
A.F.	0	0	2.0	10.0	0
Water returned					
12 A.F.					

Gage data reported by North Loup Public Power & Irrigation District

DAILY DIVERSIONS OF CANALS--1957

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

Date	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	6.1	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	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	3.1	0	0	0	0
22	5.2	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0.3	0	0	0.2	0
Max.	5.2	0	0	6.1	0
Min.	0	0	0	0	0
A.F.	20	0	0	10	0
Water returned					
30 A.F.					

Gage data reported by North Loup Public Power & Irrigation District.

DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	3.1	4.1	0.5	4.1
2	0	3.9	1.8	0.8	4.1
3	0	5.3	3.7	2.7	4.1
4	0	4.1	4.4	4.8	3.9
5	0	4.5	4.4	5.0	3.4
6	0	4.6	4.1	5.0	2.6
7	0	4.3	4.1	4.9	2.4
8	0	4.6	4.0	4.9	2.2
9	0	4.7	4.2	4.7	3.2
10	0	4.3	4.0	4.4	3.8
11	0	5.1	3.2	4.5	3.8
12	0	5.0	2.6	4.6	3.8
13	0	5.0	2.0	2.9	4.0
14	0	4.8	2.4	1.2	2.3
15	0	4.8	2.0	1.2	0
16	0	5.1	2.2	1.1	0
17	0	4.7	1.2	1.1	0
18	0	1.8	1.1	1.4	0
19	0	1.2	1.4	1.4	0
20	0	0.3	0.9	1.4	0
21	0	0	1.1	1.7	0
22	0	0	0.8	1.9	0
23	0	0	0.4	2.6	0
24	0.8	0	0.2	2.9	0
25	3.9	2.4	0.1	4.6	0
26	5.5	5.5	0	5.0	0
27	2.6	5.5	0	3.9	0
28	2.6	5.2	0	4.0	0
29	4.5	4.6	0.1	4.6	0
30	4.8	3.4	0	4.1	0
31	4.6	---	0	4.2	---
Mean	0.9	3.6	2.0	3.2	1.6
Max.	5.5	5.5	4.4	5.0	4.1
Min.	0	0	0	0.5	0
A.F.	60	210	120	190	90

Water returned 670 A.F.

DAILY DIVERSIONS OF CANALS--1957

NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY @ 34.06--Returned to North Loup River  
Measured through 6-foot weir--Sec. 17-19-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0.8	5.2	10.5
2	0	0	0	6.1	10.0
3	0	0.8	0.9	8.7	11.4
4	0	0.1	6.3	11.7	10.0
5	0	0.3	8.4	14.2	9.1
6	0	1.6	8.0	14.4	5.4
7	0	3.6	5.5	11.2	5.9
8	0	4.8	6.7	12.7	8.0
9	0	4.6	6.5	9.3	10.7
10	0	6.5	5.2	13.7	11.7
11	0	7.2	5.8	15.0	7.4
12	0	8.9	0.6	15.2	6.3
13	0	10.0	4.8	10.5	7.2
14	0	10.0	5.0	9.3	7.8
15	0	8.9	5.4	9.1	0
16	0	13.4	2.1	8.7	0
17	0	7.4	0	8.7	0
18	0	0	1.8	6.7	0
19	0	0	4.1	5.8	0
20	0	0	3.9	6.1	0
21	0	0	3.9	6.3	0
22	0.7	0	4.4	7.5	0
23	7.2	0	3.4	7.5	0
24	2.4	0	3.8	7.8	0
25	1.0	7.8	3.6	7.8	0
26	3.6	15.2	3.8	7.0	0
27	0.2	14.4	3.8	7.0	0
28	0	11.0	4.6	5.9	0
29	0.4	2.6	4.6	3.0	0
30	2.4	0.4	4.6	5.9	0
31	2.7	---	5.0	9.3	---
Mean	0.7	4.6	4.1	9.0	4.0
Max.	7.2	15.2	8.4	15.2	11.7
Min.	0	0	0	3.0	0
A.F.	40	280	250	550	240

Water returned 1360 A.F.

DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	1.1	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	0	0
Max.	0	0	0	1.1	0
Min.	0	0	0	0	0
A.F.	0	0	0	2	0

Water returned 2 A.F.

Gage data reported by North Loup Public Power & Irrigation District.

DAILY DIVERSIONS OF CANALS--1957

NORTH LOUP RIVER PUBLIC POWER & IRRIGATION DISTRICT  
BURNELL-SUMNER SPILLWAY @ 15.92--Returned to North Loup River  
Measured through 8-foot weir--Sec. 3-19-14 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	1.0	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	9.3	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	0.8	0
26	0	0	0	0.8	0
27	0	0	0	0	0
28	7.2	0	0	0	0
29	4.8	0	0	0	0
30	9.3	0	0	0	0
31	1.5	---	0	0	---
Mean	1.0	0	0	0.1	0
Max.	9.3	0	0	0.8	0
Min.	0	0	0	0	0
A.F.	60	0	0	5	0

Water returned 65 A.F.

Gage data reported by North Loup Public Power & Irrigation District

DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	4.0	5.3	7.4	7.4
2	0	2.4	5.9	7.3	8.5
3	0	1.4	7.6	8.5	11.2
4	0	2.5	8.5	11.4	9.3
5	0	3.0	8.8	10.8	8.8
6	0	4.6	8.7	10.6	7.4
7	0	6.4	6.5	10.4	8.0
8	0	8.4	10.3	10.2	7.1
9	0	8.5	9.9	4.1	8.3
10	0	7.9	9.9	8.5	10.0
11	0	8.0	7.0	11.5	8.8
12	0	8.3	3.2	12.1	8.3
13	0	8.1	1.9	12.0	9.9
14	0	7.5	6.4	10.0	3.4
15	0	6.2	6.2	8.8	0
16	0	10.9	2.5	8.7	0
17	0	6.9	1.9	7.9	0
18	1.8	1.5	6.9	7.5	0
19	4.5	0.2	8.2	6.8	0
20	2.1	0	8.0	7.0	0
21	2.3	0	5.6	8.8	0
22	3.0	0	6.1	8.7	0
23	1.2	0	5.6	8.4	0
24	0.8	0	6.4	7.8	0
25	2.6	0	8.3	8.5	0
26	6.2	2.0	8.8	8.7	0
27	3.5	8.5	8.2	8.3	0
28	0.2	7.3	7.8	8.7	0
29	2.7	7.4	7.5	10.9	0
30	3.4	6.3	7.3	11.8	0
31	6.8	—	7.4	11.0	—
Mean	1.3	4.5	6.9	9.1	3.9
Max.	6.8	10.9	10.3	12.1	11.2
Min.	0	0	1.9	4.1	0
A.F.	80	270	420	560	230
Water returned	1560 A.F.				

DAILY DIVERSIONS OF CANALS--1957

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

Date	May	June	July	Aug.	Sept.
1	0	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	2.2
12	0	0	0	0	1.5
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	1.5	0	0
19	0	0	0.8	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	0.8	0	0
26	0	0	0.5	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	1.3
30	0	0	0	0	0
31	0	0	0	0	1.5
Mean	0	0	0.1	0.2	0
Max.	0	0	1.5	2.2	0
Min.	0	0	0	0	0
A.F.	0	0	7	10	0
Water returned	17 A.F.				

Gage data reported by North Loup Public Power & Irrigation District.

DAILY DIVERSIONS OF CANALS--1957

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
ORD-NORTH LOUP SPILLWAY AT 4.80 returned to North Loup River  
Measured through 8-foot weir--Sec. 32-19-13 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	1.7	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	0	0
Max.	1.7	0	0	0	0
Min.	0	0	0	0	0
A.F.	3	0	0	0	0
Water returned	3 A.F.				

Gage data reported by North Loup Public Power & Irrigation District.

DAILY DIVERSIONS OF CANALS--1957

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
ORD-NORTH LOUP SPILLWAY AT 11.71 returned to North Loup River  
Measured through 8-foot weir--Sec. 27-18-13 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	6.6
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	2.0
7	0	0	0	0	0
8	0	2.4	0	0	0
9	0	1.4	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	2.4	0	0	0	0
14	3.5	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	3.1
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0.2	0.1	0	0.4	0
Max.	3.5	2.4	0	6.6	0
Min.	0	0	0	0	0
A.F.	10	8	0	20	0
Water returned	38 A.F.				

Gage data reported by North Loup Public Power & Irrigation District.

DAILY DIVERSIONS OF CANALS—1957

NORTE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet—1957

	May	June	July	Aug.	Sept.	Total
<b>Diversion:</b>						
Taylor-Crd.....	1010	2520	8213	11050	3180	25970
Burwell-Sunter.....	1260	1770	5320	5900	1350	15600
Ord-North Loup.....	1020	1370	3450	4230	750	10820
<b>Total diversion.....</b>	<b>3290</b>	<b>5660</b>	<b>16980</b>	<b>21180</b>	<b>5280</b>	<b>52390</b>
<b>Return through spillways:</b>						
Taylor-Crd.....	160	450	370	760	330	2110
Burwell-Sunter.....	140	270	430	520	230	1650
Ord-North Loup.....	100	270	340	430	180	1320
<b>Total returned.....</b>	<b>400</b>	<b>1030</b>	<b>1140</b>	<b>1770</b>	<b>740</b>	<b>5080</b>
<b>Net diverted.....</b>	<b>2890</b>	<b>4630</b>	<b>15840</b>	<b>19410</b>	<b>4540</b>	<b>47310</b>

DAILY DIVERSIONS OF CANALS—1957

NORTH PLATTE CANAL from North Platte River  
Measured through rating flume—Sec. 18-14-33 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	144	0	68	108	122	238	166
2	140	0	65	78	109	247	167
3	134	0	73	65	126	252	156
4	133	0	94	55	175	253	156
5	133	0	100	48	185	253	197
6	135	0	80	64	188	255	195
7	138	0	70	73	188	257	177
8	138	0	75	64	188	258	164
9	138	0	120	65	185	255	173
10	139	0	63	77	177	252	173
11	134	0	52	79	175	250	173
12	133	0	51	71	177	249	173
13	123	0	54	64	181	247	80
14	117	0	122	58	181	247	6
15	117	0	61	91	192	246	72
16	114	0	64	120	191	230	130
17	111	0	103	62	181	230	86
18	104	0	45	76	198	185	74
19	63	0	51	72	223	192	86
20	21	0	65	60	195	195	85
21	6	0	46	49	204	206	85
22	6	0	63	42	192	211	80
23	6	0	25	41	194	206	78
24	5	3	40	41	192	175	76
25	4	60	46	35	197	197	74
26	4	49	27	64	195	197	72
27	1	43	33	122	189	214	73
28	0	65	65	114	191	223	67
29	0	76	64	111	197	203	64
30	0	77	63	108	203	182	65
31	0	—	77	—	222	170	—
Mean	79	12	65	140	184	224	114
Max.	144	77	122	122	223	258	197
Min.	0	0	27	35	109	170	6
A.F.	4840	740	4020	8340	11330	13760	6790
Water diverted		49820 A.F.				Acresage reported	
						D-635	14067

DAILY DIVERSIONS OF CANALS—1957

NORTHPORT CANAL from North Platte River  
Measured at Tri-State headgate—Sec. 10-23-58 W.

Date	May	June	July	Aug.	Sept.
1	0	0	154	88	254
2	0	0	137	175	263
3	0	0	132	182	264
4	0	0	130	139	278
5	0	0	170	140	244
6	0	0	164	127	183
7	0	0	167	124	121
8	0	0	180	131	138
9	0	0	151	140	122
10	0	0	117	148	77
11	0	0	132	156	101
12	0	0	163	151	107
13	0	0	167	157	97
14	0	56	185	159	132
15	0	140	200	159	133
16	0	143	197	172	131
17	0	117	207	179	133
18	0	97	208	190	133
19	0	46	234	204	126
20	0	58	225	193	86
21	0	140	240	165	95
22	0	128	234	142	61
23	0	109	230	148	74
24	0	93	272	161	59
25	0	27	235	164	19
26	0	41	217	170	0
27	0	139	224	154	0
28	0	167	213	120	80
29	0	118	177	243	149
30	0	115	0	231	16
31	0	—	0	269	—
Mean	0	58	176	164	123
Max.	0	189	272	260	278
Min.	0	0	0	88	0
A.F.	0	3540	10830	10080	7290
Water diverted					
		31740 A.F.			
		Pathfinder storage included			



DAILY DIVERSIONS OF CANALS--1957

NORTHPORT CANAL from Drains  
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	0	92	150	59
2	0	0	101	163	55
3	0	0	99	156	52
4	0	0	90	168	52
5	0	0	90	166	52
6	0	0	94	163	105
7	0	0	101	159	180
8	0	0	101	157	178
9	0	0	109	161	184
10	0	0	119	162	193
11	0	0	119	162	200
12	0	0	121	159	199
13	0	0	121	157	211
14	0	18	123	154	184
15	0	23	120	151	164
16	0	24	113	156	163
17	0	21	113	151	168
18	0	20	120	140	170
19	0	20	112	130	180
20	0	19	101	141	215
21	0	20	106	163	213
22	0	19	110	186	211
23	0	20	114	182	207
24	0	18	54	179	208
25	0	64	108	176	208
26	0	83	131	178	208
27	0	28	122	180	208
28	0	19	123	220	127
29	0	73	130	100	77
30	0	123	134	59	77
31	0	---	129	64	---
Mean	0	20	110	155	157
Max.	0	123	134	220	215
Min.	0	0	90	59	52
A.F.	0	1220	6750	9510	9340
Water diverted					
26850 A.F.					

DAILY DIVERSIONS OF CANALS--1957

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT  
Summary in Acre-feet--1957

Section Township Range	May	June	July	Aug.	Sept.	Total	
Diverted from:							
North Platte River	10-23-58	0	3540	10830	10080	7290	31740
*Sheep Creek	17-23-57	0	350	3710	4630	4190	12880
*Akers Draw	12-23-57	0	280	580	730	640	2230
*Tub Springs	27-33-55	0	190	1060	1740	1550	4540
*Spotted Tail, Dry	9-23-56	0	10	750	1130	1060	2950
*Spotted Tail, Wet	10-23-56	0	390	680	1280	1900	4250
*Moffat Draw	25-22-53	0	0	0	0	0	0
*Alliance Draw	18-22-53	0	0	0	0	0	0
Total diversion		0	4760	17610	19590	16630	58590
						Acreage reported	
						A-768 16109	

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

DAILY DIVERSIONS OF CANALS—1957

GIRCHARD-ALFALFA CANAL from Platte River  
Measured through Parshall Flume—Sec. 9-10-24 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	19	62	20
2	14	0	0	18	60	19
3	13	0	0	18	55	19
4	15	0	0	17	55	29
5	16	4	1	19	51	34
6	16	10	4	22	52	32
7	14	9	2	21	53	30
8	16	7	1	21	56	32
9	17	14	0	20	48	27
10	17	15	9	22	43	19
11	17	16	18	22	46	18
12	16	16	17	21	53	16
13	17	18	16	21	54	16
14	18	10	16	22	64	13
15	17	3	16	21	67	3
16	0	6	8	26	62	0
17	0	1	0	34	57	0
18	0	5	0	42	53	0
19	0	8	0	53	51	0
20	0	7	0	56	45	0
21	0	5	0	56	34	0
22	0	6	11	60	29	0
23	0	6	14	65	28	0
24	0	8	14	63	28	0
25	0	8	13	65	29	0
26	0	6	14	68	30	0
27	0	6	12	64	30	0
28	0	2	11	62	28	0
29	0	0	18	56	24	0
30	0	7	19	57	20	0
31	0	1	—	56	20	—
Mean	8	7	8	38	45	11
Max.	18	18	19	68	67	34
Min.	0	0	0	17	20	0
A.F.	470	410	460	2350	2750	650
Water diverted				Acreage reported		
	7090 A.F.			D-627 5950		
Sutherland storage available						

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	0	9	12
2	14	0	0	0	9	14
3	14	0	0	0	11	7
4	19	0	0	0	11	5
5	20	0	0	0	9	4
6	15	0	0	0	13	4
7	16	0	0	0	23	4
8	17	0	0	0	21	3
9	14	0	0	0	17	2
10	15	0	0	0	14	2
11	15	0	0	2	13	2
12	15	0	0	7	19	2
13	13	0	0	7	20	2
14	12	0	0	8	18	3
15	10	0	0	4	11	8
16	11	0	0	0	12	10
17	10	0	0	0	16	11
18	10	0	0	0	15	12
19	10	0	0	0	15	13
20	11	0	0	0	18	11
21	11	0	0	7	21	10
22	11	0	0	16	15	12
23	8	0	0	14	11	14
24	4	0	0	14	11	13
25	2	0	0	21	11	11
26	1	0	0	19	12	9
27	1	0	0	17	14	7
28	1	0	0	12	15	4
29	0	0	0	11	16	4
30	0	0	0	13	18	7
31	0	0	—	18	16	—
Mean	10	0	0	6	15	7
Max.	20	0	0	21	23	14
Min.	0	0	0	0	9	2
A.F.	620	0	0	370	900	440
Water diverted				Acreage reported		
	2330 A.F.			D-797 1573		

DAILY DIVERSIONS OF CANALS—1957

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

Date	May	June	July	Aug.	Sept.	
1	0	0	0	5	6	
2	0	0	0	5	7	
3	0	0	0	5	6	
4	0	0	0	4	5	
5	0	0	0	6	6	
6	0	0	0	1	7	
7	0	0	0	5	6	
8	0	0	0	3	6	
9	0	0	3	2	7	
10	0	0	3	3	8	
11	0	0	3	3	9	
12	0	0	3	3	10	
13	0	0	3	2	6	
14	0	0	3	2	1	
15	0	0	4	2	1	
16	0	0	0	7	1	
17	0	0	0	6	1	
18	0	0	6	4	1	
19	0	0	0	5	1	
20	0	0	0	3	0	
21	0	0	0	4	0	
22	0	0	4	3	0	
23	0	0	9	2	0	
24	0	0	7	2	0	
25	0	0	7	2	0	
26	0	0	5	4	0	
27	0	0	6	5	0	
28	0	0	4	6	0	
29	0	0	6	7	0	
30	0	0	4	7	0	
31	0	—	3	7	—	
Mean	0	0	3	4	3	
Max.	0	0	9	7	10	
Min.	0	0	0	1	0	
A.F.	0	0	190	250	190	
Water diverted				Acreage reported		
	630 A.F.			D-347R 83		
Bennett Resv. Storage available						
A-725 689						
Total 772						

DAILY DIVERSIONS OF CANALS—1957

PAIRLEY CANAL from Blue Creek—Measured  
through rating flume—Sec. 6-16-42 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	4	0	15	0	14	11	17
2	0	0	16	0	14	2	17
3	0	0	18	0	19	0	17
4	0	0	19	0	19	0	17
5	16	0	21	0	20	0	18
6	14	0	18	0	24	0	17
7	14	0	18	0	25	0	16
8	14	0	18	0	25	0	16
9	14	0	23	0	18	0	16
10	15	0	21	0	18	0	15
11	15	0	18	0	19	0	15
12	15	0	19	0	18	0	15
13	15	0	21	0	18	0	16
14	15	0	20	0	18	0	16
15	16	0	18	0	0	0	15
16	5	0	19	0	0	0	15
17	0	0	19	0	0	4	15
18	0	0	13	0	0	9	15
19	0	6	13	0	0	10	16
20	0	7	20	0	0	11	16
21	0	7	16	0	0	11	16
22	0	7	14	0	3	11	16
23	0	9	14	0	9	11	14
24	0	7	9	0	9	11	15
25	0	7	0	0	11	11	16
26	0	8	0	0	12	12	16
27	0	11	0	7	12	17	16
28	0	12	0	12	12	14	16
29	0	14	0	12	12	14	16
30	0	15	5	13	13	16	16
31	0	—	0	—	11	19	—
Mean	6	4	14	1	12	6	16
Max.	16	15	23	13	25	19	18
Min.	0	0	0	0	0	0	14
A.F.	340	220	840	90	740	380	950
Water diverted				Acreage reported			
	3560 A.F.			D-800 815			
Crescent Lake storage available							
A-515 95							
A-1738 231							
Total 1141							

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	66	0	0	12	102	75
2	67	0	0	12	102	75
3	66	0	0	21	104	74
4	67	0	29	40	104	67
5	70	0	14	71	104	64
6	72	0	16	84	103	65
7	70	0	17	90	104	67
8	68	0	16	98	105	61
9	68	0	17	86	104	58
10	68	0	19	49	104	48
11	67	0	19	58	103	64
12	68	0	18	60	103	79
13	68	0	18	62	102	22
14	67	0	23	61	101	0
15	67	0	38	75	100	18
16	67	0	51	77	75	48
17	67	0	41	59	61	41
18	62	0	26	0	61	38
19	58	0	22	0	78	38
20	66	0	29	0	74	39
21	64	0	25	0	56	38
22	62	0	24	0	84	38
23	50	0	23	0	106	38
24	38	0	22	66	56	38
25	0	0	21	76	64	36
26	0	0	29	104	103	36
27	0	0	48	103	103	36
28	0	0	44	102	104	32
29	0	0	48	103	85	32
30	0	0	52	103	78	32
31	0	0	—	104	76	—
Mean	50	0	25	57	91	47
Max.	72	0	52	104	106	79
Min.	0	0	0	0	56	0
A.F.	3080	0	1490	3520	5570	2770
Water diverted					Acreage reported	
16430 A.F.					D-653	7358

Kingsley storage available

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	5.0	5.0	0	3.8	0	0	5.0
2	5.0	5.0	0	1.7	0	0	5.0
3	4.6	5.0	0	1.2	0.8	0	5.0
4	4.7	5.0	0	3.0	7.0	0	4.7
5	6.0	4.8	0	1.7	8.0	0	4.7
6	6.0	4.4	0	0	9.0	0	5.0
7	6.0	0	0	0	9.0	0	5.0
8	6.0	0	0	0	9.0	0	4.8
9	6.0	0	0	0	9.0	0	3.5
10	4.9	0	0	0	9.0	0	3.0
11	4.3	0	0	0	8.0	0	4.3
12	3.8	0	0	0	7.0	0	6.0
13	4.0	0	0	0	9.0	0	5.0
14	4.5	0	0	0	10.0	0	0
15	4.7	0	0	0	4.5	0	0
16	4.2	0	0	0	0	0.1	0
17	4.4	0	0	0	0.2	4.1	0
18	4.5	0	0	0	5.0	0	0
19	4.6	0	0	0	7.0	0	0
20	4.6	0	0	0	6.0	3.1	0
21	4.9	0	0	0	6.0	3.5	0
22	5.2	0	0	0	6.0	3.6	0
23	6.0	0	0	0	6.0	3.6	0
24	6.0	0	0	0	6.0	3.6	0
25	6.0	0	0	0	6.0	3.7	0
26	6.0	0	0	0	6.0	8.0	0
27	7.0	0	0	0	6.0	10.0	0
28	6.0	0	0	0	6.0	8.0	0
29	6.0	0	0	0	2.8	7.0	0
30	5.0	0	1.4	0	0	4.7	0
31	5.0	—	1.6	—	0	4.6	—
Mean	5.2	1.0	0.1	0.4	5.4	2.2	2.0
Max.	7.0	5.0	1.6	3.8	10.0	10.0	6.0
Min.	3.8	0	0	0	0	0	0
A.F.	320	60	10	20	330	130	120
Water diverted						Acreage reported	
990 A.F.						D-442a	500
						A-3812	55
						A-4599	15
						A-5010	192
						Total	762

DAILY DIVERSIONS OF CANALS—1957

POMESIL CANAL from Niobrara River—Measured  
through J<sup>o</sup> Parshall flume—Sec. 26-29-48 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	7	6	6
2	0	0	0	7	6	7
3	0	0	0	7	5	7
4	0	0	1	7	6	7
5	0	0	4	6	5	6
6	0	0	4	7	6	7
7	0	0	4	6	6	7
8	0	0	4	6	7	7
9	0	0	4	6	7	7
10	0	0	4	6	7	7
11	0	0	1	6	7	7
12	0	0	0	6	7	7
13	0	0	0	6	8	5
14	0	0	0	4	8	3
15	0	0	0	0	7	2
16	0	0	0	0	8	2
17	0	0	0	0	8	2
18	0	0	0	4	1	2
19	0	0	0	6	6	2
20	0	0	0	6	7	1
21	0	0	0	1	7	0
22	0	0	0	2	7	0
23	0	0	0	5	7	0
24	0	0	0	4	6	0
25	0	0	0	7	6	0
26	0	0	0	7	6	0
27	0	0	0	7	7	0
28	0	0	0	7	6	0
29	0	0	0	7	6	0
30	0	0	0	7	6	0
31	—	0	—	6	6	—
Mean	0	0	2	5	7	3
Max.	0	0	7	7	8	7
Min.	0	0	0	0	1	0
A.F.	0	0	140	320	400	200
Water diverted					Acreage reported	
1060 A.F.					A-2566	473

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	18	0	3	3	19	0	13
2	23	0	2	2	18	0	12
3	3	0	2	1	16	7	11
4	2	0	3	1	15	35	11
5	2	0	5	1	18	19	10
6	2	0	6	3	18	19	10
7	2	0	5	4	16	29	11
8	2	0	0	4	19	22	11
9	9	0	0	6	18	22	11
10	9	0	1	3	17	27	12
11	9	0	4	2	14	25	11
12	6	0	1	2	15	22	7
13	7	0	3	1	18	18	16
14	7	0	4	1	19	9	23
15	6	0	4	1	15	6	18
16	5	0	4	1	15	11	14
17	5	0	7	2	20	22	12
18	5	0	8	1	24	15	12
19	5	0	11	1	22	2	12
20	4	0	14	1	15	4	10
21	4	0	14	1	2	20	9
22	4	0	15	1	2	18	10
23	4	0	5	1	4	18	15
24	4	1	1	1	26	16	15
25	4	2	2	1	6	14	9
26	3	2	1	0	1	13	9
27	3	1	0	0	0	20	9
28	1	4	1	3	0	15	10
29	1	4	2	8	5	22	11
30	1	4	3	11	20	18	9
31	0	—	3	—	4	15	—
Mean	5	1	4	2	14	16	12
Max.	23	4	15	11	26	35	23
Min.	0	0	0	0	0	0	7
A.F.	320	40	270	130	840	1000	700
Water diverted						Acreage reported	
3300 A.F.						D-545	1652

DAILY DIVERSIONS OF CANALS—1957  
RIVERSIDE CANAL from Frenchman River  
Measured in section of canal—Sec. 33-4-32 W.

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

Note: Record from intermittent readings by gage observer.

	Acres reported
D- 18	349
Supplemental Storage Available A-1674	170
Total	519

DAILY DIVERSIONS OF CANALS—1957  
RUTNER CANAL (New) from Lodgepole Creek  
Measured through rating flume—Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	0	0	2	0
3	0	0	0	2	0
4	0	0	0	2	0
5	0	0	0	3	0
6	0	0	1	3	0
7	0	0	3	3	0
8	0	0	4	3	0
9	0	0	4	4	0
10	0	0	4	4	0
11	0	0	4	4	3
12	0	0	4	4	2
13	0	0	4	4	0
14	0	0	4	3	0
15	0	0	4	3	0
16	0	0	4	3	2
17	0	0	3	2	2
18	0	0	3	2	2
19	0	0	3	2	2
20	0	0	5	2	2
21	0	0	6	2	2
22	0	0	1	3	2
23	0	0	1	1	2
24	0	0	1	0	1
25	0	0	1	0	1
26	0	0	2	0	2
27	0	0	2	0	2
28	0	0	1	0	2
29	0	0	1	0	2
30	0	0	2	0	2
31	0	-	2	0	-
Mean	0	0	2	2	1
Max.	0	0	6	4	3
Min.	0	0	0	0	0
A.F.	0	0	150	120	70

Water diverted	340 A.F.	Acres reported
		D- 350R
		A- 727
		A- 857
		A- 869
		A- 533
		Total
		213

DAILY DIVERSIONS OF CANALS—1957

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

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

Water diverted	340 A.F.	Acres reported
		D-345
		140
		D-350
		51
		A-712
		48
		A-1828
		14
		Total
		253

DAILY DIVERSIONS OF CANALS—1957

SARGENT CANAL from Middle Loop River  
Measured through 10' Parshall Flume—Sec. 32-21-21 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	12	43	46	50	99	85
2	16	43	47	39	100	83
3	19	33	49	22	98	82
4	13	58	51	21	96	83
5	12	58	51	20	94	81
6	12	57	50	21	95	77
7	12	58	45	20	93	77
8	15	58	45	21	84	76
9	14	59	44	29	68	65
10	17	56	44	30	64	42
11	18	56	45	30	64	35
12	21	58	44	30	64	35
13	21	58	44	32	65	29
14	26	47	43	33	70	26
15	30	48	44	41	70	24
16	31	46	45	59	74	24
17	34	44	46	78	72	24
18	37	43	29	95	72	23
19	31	43	24	95	72	15
20	33	44	24	96	72	15
21	37	43	24	93	71	15
22	46	42	23	94	72	14
23	49	42	22	94	72	15
24	47	43	22	96	72	16
25	45	43	40	99	72	15
26	46	42	48	100	72	15
27	45	43	49	99	81	15
28	44	49	49	103	89	15
29	43	45	49	99	85	15
30	43	41	49	97	88	15
31	-	45	-	99	84	-
Mean	29	48	41	62	79	38
Max.	49	59	51	103	100	85
Min.	12	33	22	20	64	14
A.F.	1720	2950	2450	3840	4850	2280

Water diverted	13090 A.F.	Acres reported
		A-441a
		6010

DAILY DIVERSIONS OF CANALS—1957

SARGENT WASTEWAY MILE 20.6 from Sargent Canal  
Measured through 10' Parshall Flume—Sec. 30-20-18 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	11	4	7	53	59
2	0	15	4	7	51	62
3	0	13	4	9	57	62
4	0	7	4	8	58	62
5	0	5	6	8	57	63
6	0	9	6	8	58	61
7	0	7	7	8	59	59
8	0	5	5	6	65	59
9	0	6	5	7	51	62
10	0	6	4	11	48	39
11	0	5	3	12	48	24
12	0	7	3	12	45	23
13	0	12	4	13	46	26
14	0	12	3	13	45	19
15	0	4	3	15	41	16
16	0	6	5	23	43	11
17	0	5	7	35	41	15
18	0	3	7	53	41	16
19	5	3	7	55	37	17
20	3	6	9	55	39	4
21	1	5	10	57	37	6
22	10	3	10	55	37	6
23	21	3	9	50	37	6
24	18	3	10	47	36	4
25	18	5	9	49	36	5
26	13	5	9	53	35	5
27	9	4	9	53	41	6
28	7	4	9	51	53	6
29	6	7	8	54	55	6
30	8	5	7	50	57	6
31	—	4	—	52	59	—
Mean	4	6	6	30	47	27
Max.	21	15	10	57	65	63
Min.	0	3	3	6	35	4
A.F.	240	390	380	1860	2910	1620

Water returned 7400 A.F.

DAILY DIVERSIONS OF CANALS—1957

MILBURN WASTEWAY MILE 4.7 from Sargent Canal  
Returned to Middle Loup River—Measured  
through Sparling Meter—Sec. 14-20-21 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	29	25	0	0
2	0	0	30	15	0	0
3	0	0	30	0	0	0
4	0	27	30	0	0	0
5	0	31	30	0	0	0
6	0	30	30	0	0	0
7	0	29	29	0	0	0
8	0	28	30	0	0	0
9	0	28	30	0	0	0
10	0	28	31	0	0	0
11	0	31	30	0	0	0
12	0	27	30	0	0	0
13	0	27	30	0	0	0
14	0	28	30	0	0	0
15	0	28	30	0	0	0
16	0	27	29	0	0	0
17	0	28	30	0	0	0
18	0	28	30	0	0	0
19	0	28	0	0	0	0
20	0	28	0	0	0	0
21	0	28	0	0	0	0
22	0	28	0	0	0	0
23	0	28	0	0	0	0
24	0	29	0	0	0	0
25	0	28	0	0	0	0
26	0	28	34	0	0	0
27	5	28	33	0	0	0
28	5	29	33	0	0	0
29	5	29	34	0	0	0
30	5	30	33	0	0	0
31	—	29	—	0	0	—
Mean	1	26	24	1	0	0
Max.	5	31	34	25	0	0
Min.	0	0	0	0	0	0
A.F.	40	1600	1400	80	0	0

Water returned  
3120 A.F.

DAILY DIVERSIONS OF CANALS—1957

SUMMARY  
SARGENT CANAL, A-4841a  
1957 Water Year  
Values in Acre-feet

	Apr.	May	June	July	Aug.	Sept.	Total
DIVERSION	1720	2950	2450	3840	4850	2280	18090
SPILL AT MILE 4.7	40	1600	1400	80	0	0	3120
SPILL AT MILE 20.6	240	390	380	1360	2910	1620	7400
NET DIVERSION	1440	960	670	1900	1940	660	7570

Acres reported  
A-4841a 6010

DAILY DIVERSIONS OF CANALS—1957

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

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

Water diverted 0 A.F.

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

Date	May	June	July	Aug.	Sept.
1	6	6	6	7	7
2	6	6	6	7	7
3	6	6	5	7	7
4	6	6	5	7	7
5	6	6	5	7	7
6	6	6	5	7	7
7	6	6	5	7	7
8	6	6	5	7	7
9	6	6	5	7	7
10	6	6	5	7	7
11	6	6	5	7	7
12	6	6	5	7	7
13	6	6	6	7	7
14	6	6	6	7	7
15	6	6	6	7	7
16	7	6	6	7	7
17	7	6	6	7	7
18	7	6	6	6	7
19	7	6	6	6	7
20	7	6	6	6	7
21	7	6	6	6	7
22	7	6	6	6	7
23	7	6	6	6	6
24	7	6	6	6	6
25	7	6	6	6	6
26	7	6	6	6	6
27	7	6	7	7	6
28	7	6	7	7	6
29	7	6	7	7	6
30	7	6	7	7	6
31	7	-	7	7	-
Mean	7	6	6	7	7
Max.	7	6	7	7	7
Min.	6	6	5	6	6
A.F.	400	360	360	410	400

Water diverted 1930 A.F.

DAILY DIVERSIONS OF CANALS—1957

SHERIDAN-WILSON DIVERSION  
Summary in Acre-Feet—1957

	May	June	July	Aug.	Sept.	Total
North Platte River	0	0	0	0	0	0
Sarben Slough	400	360	360	410	400	1930
Total diversion	400	360	360	410	400	1930

Water diverted  
1930 A.F.

Acreage reported  
D-710 918

DAILY DIVERSIONS OF CANALS—1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	44	15	0
2	0	0	38	9	0
3	0	0	46	24	13
4	0	0	44	41	13
5	0	0	57	31	9
6	0	0	51	10	8
7	0	0	52	31	8
8	0	0	47	27	9
9	0	0	42	20	9
10	0	0	25	20	9
11	0	0	38	23	8
12	0	0	33	21	9
13	0	0	49	20	22
14	0	0	59	24	15
15	0	0	49	25	11
16	0	0	41	25	10
17	0	0	16	25	10
18	0	0	0	27	13
19	0	0	5	25	18
20	0	0	28	21	19
21	0	0	50	17	25
22	0	0	51	15	25
23	0	0	26	17	22
24	0	0	21	23	21
25	0	13	13	14	25
26	0	30	4	15	23
27	0	31	4	17	25
28	0	28	3	11	26
29	0	22	3	6	16
30	0	30	11	0	18
31	0	—	9	0	—
Mean	0	5	31	19	15
Max.	0	31	59	41	26
Min.	0	0	0	0	0
A.F.	0	310	1900	1190	870
Water diverted	4270 A.F.		Acreage reported		
			D-546	2752	

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	Nov.	June	July	Aug.	Sept.
1	7	1	0	0	5	0
2	7	1	0	0	12	0
3	7	1	0	0	12	0
4	8	1	0	0	15	0
5	8	1	0	0	18	0
6	9	1	0	0	15	0
7	9	1	0	0	11	0
8	9	1	0	0	21	0
9	8	1	0	0	24	0
10	8	1	0	0	21	0
11	8	1	0	0	20	0
12	8	1	0	0	20	0
13	7	1	0	0	17	0
14	7	0	0	0	9	0
15	7	0	0	0	5	0
16	5	0	0	0	8	0
17	2	0	0	0	10	0
18	1	0	0	0	9	0
19	1	0	0	0	6	0
20	1	0	0	0	5	0
21	1	0	0	0	0	0
22	1	0	0	0	0	0
23	1	0	0	0	0	0
24	1	0	0	4	0	0
25	2	0	0	8	0	0
26	1	0	0	14	0	0
27	1	0	0	16	0	0
28	1	0	0	12	0	0
29	1	0	0	6	0	0
30	1	0	0	18	0	0
31	1	—	—	10	0	—
Mean	4	0	0	3	8	0
Max.	9	1	0	18	24	0
Min.	1	0	0	0	0	0
A.F.	280	30	0	170	520	0
Water diverted	1000 A.F.		Acreage reported			
			D-680	1173		

Sutherland storage included.

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	1.0	0	0	0	0	0
2	1.6	0	0	0	0	0
3	2.2	0	0	0	0	0
4	2.7	0	0	0	0	0
5	2.2	0	0	0	0	0
6	1.9	0	0	0	0	0
7	2.2	0	0	0	0	0
8	2.1	0	0	0	0	0
9	1.7	0	0	0	0	0
10	2.1	0	0	0	0	0
11	2.0	0	0	0	0	0
12	2.0	0	0	0	0	0
13	1.6	0	0	0	0	0
14	1.7	0	0	0	0	0
15	1.6	0	0	0	0	0
16	2.4	0	0	0	0	0
17	2.8	0	0	0	0	0
18	2.1	0	0	0	0	0
19	2.1	0	0	0	0	0
20	1.0	0	0	0	0	0
21	1.0	0	0	0	0	0
22	1.0	0	0	0	0	0
23	1.0	0	0	0	0	0
24	1.0	0	0	0	0	0
25	1.0	0	0	0	0	0
26	1.0	0	0	0	0	0
27	1.0	0	0	0	0	0
28	1.0	0	0	0	0	0
29	1.0	0	0	0	0	0
30	1.0	0	0	0	0	0
31	0.5	0	—	0	0	—
Mean	1.6	0	0	0	0	0
Max.	2.8	0	0	0	0	0
Min.	0.5	0	0	0	0	0
A.F.	100	0	0	0	0	0
Water diverted	100 A.F.		Acreage reported			
			D-485	200		

DAILY DIVERSIONS OF CANALS—1957

SPOON CANAL from North Platte River  
Measured through Parshall flume—Sec. 24-17-45 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	0	6	14	3	9	18
2	7	0	6	15	2	11	17
3	8	0	6	13	2	8	12
4	10	0	6	13	2	6	10
5	12	0	8	11	1	6	7
6	9	0	9	9	1	5	6
7	9	0	7	8	1	5	5
8	10	0	7	8	1	6	4
9	12	0	11	7	0	13	6
10	13	0	12	7	0	13	9
11	11	0	12	7	0	11	9
12	11	0	10	12	0	10	9
13	11	0	10	10	0	9	10
14	12	0	9	6	0	8	11
15	11	0	7	6	0	6	12
16	11	0	12	8	0	4	12
17	12	0	15	8	1	3	10
18	11	0	14	4	1	3	9
19	11	7	15	6	1	2	7
20	11	7	17	5	2	6	8
21	12	8	18	5	3	12	7
22	11	8	19	4	4	12	6
23	11	8	15	4	4	12	6
24	10	7	16	3	5	12	3
25	10	5	18	3	7	7	3
26	9	5	18	2	9	4	2
27	9	5	17	3	9	4	2
28	8	5	17	2	9	4	2
29	10	5	14	2	9	5	2
30	9	6	14	2	9	12	2
31	9	—	16	—	9	17	—
Mean	10	3	12	7	3	8	8
Max.	13	8	19	15	9	17	18
Min.	7	0	6	2	0	2	2
A.F.	630	150	750	410	190	490	450
Water diverted	3070 A.F.		Acreage reported				
			D-201	868			
			D-403R	168			
			Total	1036			

DAILY DIVERSIONS OF CANALS--1957

DAILY DIVERSIONS OF CANALS--1957

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

SUPERIOR CANAL from Republican River  
Measured through 12 foot Parshall flume  
Sec. 8-1-9 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	80	0	0	58	112	95
2	78	0	0	62	127	90
3	20	0	0	48	127	89
4	8	0	0	23	122	87
5	58	0	0	32	120	88
6	82	0	0	67	122	89
7	84	0	0	70	125	89
8	75	0	0	63	123	92
9	73	0	0	68	123	97
10	69	0	0	85	120	96
11	68	0	50	86	121	96
12	69	0	69	85	121	92
13	76	0	69	87	121	95
14	85	0	69	91	121	85
15	82	0	78	94	123	69
16	79	0	87	92	30	55
17	74	0	19	90	22	72
18	67	0	49	106	69	82
19	61	0	68	89	123	57
20	65	0	63	85	103	52
21	65	0	61	92	90	52
22	67	0	61	91	93	10
23	4	0	61	89	92	6
24	4	0	60	85	79	6
25	4	0	58	33	37	6
26	4	0	58	93	34	5
27	4	0	63	93	48	6
28	0	0	68	93	79	0
29	0	0	59	96	97	0
30	0	0	52	97	93	0
31	0	0	—	96	96	—
Mean	69	0	41	81	97	59
Max.	85	0	87	106	127	97
Min.	0	0	0	23	22	0
A.F.	2990	0	2820	4960	5980	3490
Water diverted						
19840 A.F.					Acres reported	
Kingsley storage available					D-662	7170

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	0	134	26
2	14	0	0	0	135	26
3	13	0	0	0	137	19
4	8	0	0	0	130	5
5	7	0	0	0	110	3
6	8	0	0	0	103	4
7	8	0	0	0	95	4
8	9	0	0	0	95	4
9	7	0	0	0	96	4
10	6	0	0	0	96	5
11	8	0	0	0	98	5
12	12	0	15	0	101	4
13	9	0	30	0	106	4
14	8	0	30	0	103	4
15	3	0	20	87	106	5
16	0	0	0	88	88	5
17	0	0	0	118	56	4
18	0	0	0	118	56	4
19	0	0	0	136	53	4
20	0	0	0	144	42	5
21	0	0	0	133	42	5
22	0	0	0	130	42	5
23	0	0	0	129	41	4
24	0	0	0	126	42	7
25	0	0	0	127	42	13
26	0	0	0	122	42	11
27	0	0	0	124	44	9
28	0	0	0	123	58	10
29	0	0	0	128	46	10
30	0	0	0	132	28	10
31	0	0	—	134	26	—
Mean	4	0	3	68	77	8
Max.	14	0	30	144	137	26
Min.	0	0	0	0	26	3
A.F.	260	0	190	4160	4750	450
Water diverted					Acres reported	
9610 A.F.					A-2691a	5618
					A-6223	269
					Total	5887

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	375	903	54	200	522	487	874	0	0	0	1610	1640
2	210	915	68	202	523	484	750	0	0	0	1730	1620
3	88	867	74	201	523	491	650	0	0	0	1780	1530
4	88	895	76	201	523	491	534	0	0	0	1770	1240
5	88	919	80	204	523	491	369	0	0	0	1770	1080
6	88	894	83	204	523	499	205	0	0	0	1780	978
7	88	832	110	204	523	518	102	0	0	0	1780	962
8	87	754	135	203	525	666	21	0	0	0	1790	948
9	87	677	99	205	526	818	0	0	0	0	1780	949
10	87	552	80	205	523	845	0	0	0	0	1880	951
11	87	526	75	205	526	795	0	0	0	0	1850	949
12	86	508	115	204	526	805	0	0	0	0	1880	946
13	86	506	154	204	529	816	0	0	0	30	1880	953
14	86	492	181	207	527	757	0	0	0	48	1910	975
15	86	481	236	209	532	744	0	0	0	44	1990	1040
16	86	463	248	191	529	759	0	0	0	52	2000	1050
17	85	357	251	233	530	764	0	0	0	46	2000	856
18	85	316	249	216	530	761	0	0	0	88	2000	832
19	85	305	241	205	527	757	0	0	0	309	1990	829
20	85	306	235	195	529	757	0	0	0	621	2000	832
21	85	234	222	216	522	780	0	0	0	1190	1990	834
22	115	210	215	305	522	868	0	0	0	1600	1990	831
23	322	195	215	341	523	931	0	0	0	1740	1910	831
24	467	147	210	406	523	924	0	0	0	1790	1660	836
25	658	115	211	513	525	930	0	0	0	1820	1530	847
26	861	93	209	520	522	933	0	0	0	1530	1530	845
27	967	80	209	520	519	928	0	0	0	1570	1530	841
28	924	64	206	520	511	930	0	0	0	1570	1550	838
29	906	51	209	520	—	928	0	0	0	1560	1550	832
30	890	50	204	520	—	921	0	0	0	1590	1580	825
31	897	—	200	522	—	919	—	—	—	1590	1640	—
Mean	298	457	166	290	524	758	117	0	0	606	1795	984
Max.	967	919	251	522	532	933	874	0	0	1820	2000	1640
Min.	85	50	54	191	511	484	0	0	0	0	1530	825
A.F.	18320	27190	10220	17850	29130	46610	6950	0	0	37270	110400	58550
Water diverted												
362490 A.F.												



DAILY DIVERSIONS OF CANALS—1957

SUTHERLAND CANAL for power from South Platte River  
Measured through 25' Parshall flume--Sec. 8-13-36 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	168	106	95	134	115	118	1168	634	236	0
2	0	0	162	107	95	136	127	104	1256	570	234	0
3	0	0	160	110	94	139	136	98	1160	509	216	0
4	0	0	153	100	112	127	143	100	1021	434	191	0
5	0	0	148	110	122	129	158	96	1092	418	179	0
6	0	10	106	112	132	129	158	83	1256	434	158	0
7	0	12	106	102	137	118	164	79	1268	405	142	0
8	0	28	113	107	157	130	175	73	1280	339	130	0
9	0	40	83	74	199	118	189	124	1244	283	113	0
10	0	51	83	28	220	132	187	142	1252	226	122	0
11	0	56	130	38	226	120	240	144	1272	183	124	0
12	0	84	144	67	238	112	228	151	1276	153	108	0
13	0	104	137	82	228	92	283	181	1280	137	69	7
14	0	130	141	80	193	80	296	201	1276	118	0	21
15	0	141	166	80	189	70	251	201	1276	113	0	27
16	0	155	173	73	181	69	303	119	1172	94	0	29
17	0	172	164	60	179	69	305	235	1272	83	0	29
18	0	187	141	62	173	62	303	606	1284	83	0	30
19	0	185	146	67	164	62	269	1018	1204	82	0	35
20	0	151	153	76	164	61	308	1244	1268	89	0	38
21	0	197	142	80	139	56	296	1292	1288	120	0	29
22	0	209	136	84	100	56	317	1248	1276	127	0	73
23	0	205	118	83	110	60	294	1236	1288	155	0	104
24	0	193	134	92	166	62	256	1248	1268	226	0	120
25	0	185	136	88	157	60	230	1276	1244	153	0	149
26	0	185	118	84	148	57	189	1276	1252	503	0	136
27	0	185	113	88	146	61	164	794	1228	512	0	144
28	0	175	113	90	139	70	151	73	1107	464	0	144
29	0	172	115	92	---	77	141	102	874	394	0	146
30	0	172	112	94	---	82	130	407	758	349	0	94
31	0	---	110	95	---	102	---	778	---	278	0	---
Mean	0	113	133	83	157	91	217	479	1211	288	65	45
Max.	0	209	173	112	238	139	317	1292	1288	634	236	149
Min.	0	0	83	28	94	56	115	73	758	82	0	0
A.F.	0	6710	8180	5100	8730	5620	12910	29450	72080	17710	4010	2690

Water diverted 173190 A.F.

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	21	0	0	0	317	58	53	187	376	698	1729	780
2	2	0	0	226	307	90	53	278	417	837	1809	787
3	0	0	98	171	247	95	53	216	505	733	1871	742
4	0	0	130	167	331	101	53	333	327	127	1869	684
5	4	0	118	168	253	53	53	198	588	660	1717	617
6	14	0	264	0	241	53	53	367	432	927	1562	656
7	0	0	272	165	230	65	53	439	625	826	1619	704
8	0	0	193	150	152	101	37	497	617	837	1536	592
9	0	0	148	258	53	113	39	346	237	1462	628	628
10	0	0	196	359	53	53	53	471	392	951	1517	790
11	0	0	125	349	110	53	53	570	453	1023	1676	900
12	0	0	244	270	53	53	53	271	559	1171	1715	927
13	0	0	208	51	117	111	53	471	758	1140	1576	905
14	0	0	206	193	122	53	53	151	611	980	1496	606
15	0	0	177	320	121	191	53	53	749	1211	1625	316
16	29	0	111	207	120	53	53	85	503	1269	1531	623
17	0	0	187	222	53	53	53	64	329	1361	1371	774
18	0	0	142	176	87	53	53	68	426	1541	1290	805
19	0	0	165	151	68	53	53	69	592	1779	1419	715
20	0	0	118	78	154	116	53	124	672	1716	1795	814
21	0	157	95	154	202	125	53	71	923	1311	1443	812
22	0	64	161	196	168	122	53	85	588	1117	1748	403
23	0	0	0	194	157	108	53	100	543	1114	1170	694
24	0	0	104	201	152	86	53	118	710	1419	1142	851
25	0	0	80	257	96	475	53	208	400	1507	1047	819
26	0	26	180	269	87	175	53	53	488	1471	1132	705
27	0	82	169	204	96	53	53	136	479	1581	1103	798
28	0	146	183	267	93	53	53	362	654	1568	854	752
29	154	153	183	312	---	53	53	863	908	1793	892	719
30	862	69	0	300	---	53	53	394	840	1610	885	797
31	354	---	174	278	---	53	---	741	---	1584	823	---
Mean	46	23	143	205	152	94	52	269	559	1107	1408	726
Max.	862	157	272	359	331	475	53	863	923	1793	1371	927
Min.	0	0	0	0	53	53	37	53	237	127	843	316
A.F.	2860	1380	8790	12620	8430	5810	3090	16560	33280	72970	86550	43190

Water returned 295530 A.F.

DAILY DIVERSIONS OF CANALS—1957

THIRTY MILE CANAL from Platte River  
Measured through Marshall Flume—Sec. 31-12-26 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	54	0	59	48	326	95
2	119	0	56	49	326	99
3	120	0	60	46	320	102
4	122	0	62	41	315	75
5	120	0	61	48	313	95
6	112	0	58	53	309	94
7	122	0	54	53	307	93
8	113	14	53	59	297	93
9	119	70	53	57	293	91
10	120	73	53	67	281	87
11	149	68	58	64	275	82
12	155	71	56	72	262	78
13	135	57	56	80	254	49
14	147	61	62	79	254	12
15	154	60	57	94	252	10
16	151	38	50	134	254	9
17	105	26	67	175	252	8
18	129	23	68	175	254	5
19	132	7	57	178	248	0
20	119	6	62	175	215	0
21	129	28	68	185	192	0
22	132	36	62	231	194	0
23	131	53	61	271	185	0
24	64	47	56	279	170	0
25	0	36	61	299	165	0
26	0	30	57	320	165	0
27	0	38	52	322	168	0
28	0	48	50	320	140	0
29	0	64	53	326	122	0
30	0	59	43	326	120	0
31	0	52	—	326	102	—
Mean	95	35	58	160	236	40
Max.	155	78	68	326	326	102
Min.	0	0	43	41	102	0
A.F.	5860	2120	3430	9820	14540	2370
Water diverted				Acreage reported		
38140 A.F.				A-1853 19163		
				A-1976 3497		
				A-2077 320		
				Total 22980		

Sutherland Storage included.

DAILY DIVERSIONS OF CANALS—1957

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1610	644	545	608	720	640	669	680	1950	1330	2060	1430
2	1490	676	529	676	723	604	608	796	1790	1160	2060	1420
3	1470	720	559	735	709	666	657	756	1620	1200	2040	1300
4	1360	716	553	617	769	604	697	826	1180	748	2070	1310
5	1320	693	567	663	759	586	676	837	1180	822	2070	1200
6	1330	670	607	626	719	559	776	859	1110	1300	2020	1090
7	1410	659	647	686	754	600	776	858	1070	1210	2050	1160
8	1530	674	664	657	690	562	722	907	1440	1360	1950	1120
9	1500	648	631	533	710	612	652	1710	1370	1290	2030	1130
10	1580	635	635	610	694	615	674	1840	1670	1390	2040	1220
11	1620	629	644	644	714	572	731	1760	1550	1450	2060	1350
12	1620	632	766	696	665	576	750	1500	1620	1370	2040	1390
13	1610	617	757	614	694	587	791	1430	1640	1530	2030	1380
14	1600	627	730	597	744	572	770	1440	1470	1600	2030	1390
15	1650	631	746	646	694	658	696	1540	1730	1560	2050	1250
16	1610	609	730	560	653	574	648	1440	1920	1660	2060	1140
17	1620	525	754	584	652	551	661	1840	1990	1690	2060	1170
18	1560	536	709	620	638	587	671	1950	1990	1840	2040	1390
19	1420	516	721	597	618	590	656	1900	2000	1990	2020	1360
20	1200	518	698	640	615	623	732	1940	2020	2020	2020	1310
21	1110	642	658	644	619	616	732	1910	2050	2000	2000	1330
22	1110	605	699	658	597	641	739	1950	2000	2110	2020	1020
23	1060	541	603	611	605	670	895	1940	2010	2020	1900	1200
24	1080	534	589	630	729	662	859	1870	1960	2040	2000	1120
25	1200	509	626	567	956	892	760	1920	1770	2020	1790	1280
26	1040	521	704	609	660	803	707	1970	1560	2060	1740	1250
27	842	509	683	600	655	712	667	1970	1430	2040	1560	1130
28	723	531	684	683	610	647	642	2020	1430	2060	1440	1180
29	774	581	702	671	—	596	622	2040	1630	2040	1840	1170
30	1440	528	671	689	—	579	597	2030	1430	2020	1550	1170
31	1210	—	630	700	—	648	—	1970	—	2040	1520	—
Mean	1345	603	657	635	692	626	708	1561	1654	1641	1941	1245
Max.	1650	720	766	735	956	892	895	2040	2050	2060	2070	1430
Min.	723	509	529	533	597	551	597	680	1070	748	1440	1020
A.F.	82710	35850	40400	39020	38410	38490	42110	96000	98440	100900	119330	74100
Water diverted	Acreage reported											
805760 A.F.	A-2355 & A-3476 164117											
	A-3476 Storage only 37918											
	A-3620 Storage only 3119											
	A-3823 Storage only 3263											
	A-4656 Storage only 12423											
	A-5278 Storage only 12765											
	Total 273604											

DAILY DIVERSIONS OF CANALS--1957

TRI-COUNTY CANAL, JEFFERY POWER RETURN to Platte River  
Measured through Parshall Flume--Sec. 16-12-27 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	302	0	0	0	0	0	0	0	0	0	0	182
2	306	0	0	0	0	0	0	0	0	23	7	184
3	292	0	0	0	0	0	0	0	0	34	0	231
4	292	0	0	0	0	0	0	0	0	43	18	260
5	302	0	0	0	0	0	0	0	0	48	0	331
6	252	0	0	0	0	0	0	0	0	48	0	352
7	280	0	0	0	0	0	0	0	0	48	9	323
8	246	0	0	0	0	0	0	0	0	48	0	352
9	231	0	0	0	0	0	0	0	0	50	0	306
10	201	0	0	0	0	0	0	0	0	139	6	266
11	252	0	0	0	0	0	0	0	0	220	20	158
12	258	0	0	0	0	0	0	0	0	312	0	163
13	201	0	0	0	0	0	0	0	0	365	0	79
14	229	0	0	0	0	0	0	0	0	399	0	0
15	258	0	0	0	0	0	0	0	0	485	50	0
16	240	0	0	0	0	0	0	0	0	495	0	0
17	145	0	0	0	0	0	0	0	0	502	0	0
18	171	0	0	0	0	0	0	0	0	548	0	0
19	171	0	0	0	0	0	0	0	0	542	0	0
20	140	0	0	0	0	0	0	0	0	292	0	0
21	169	0	0	0	0	0	0	0	0	28	20	0
22	169	0	0	0	0	0	0	0	0	44	136	0
23	169	0	0	0	0	0	0	0	0	127	169	0
24	41	0	0	0	0	0	0	0	0	65	256	0
25	0	0	0	0	0	0	0	0	0	4	475	0
26	0	0	0	0	0	0	0	0	0	0	548	0
27	0	0	0	0	0	0	0	0	0	7	520	0
28	0	0	0	0	0	0	0	0	0	9	470	0
29	0	0	0	0	-	0	0	0	0	0	296	0
30	0	0	0	0	-	0	0	0	0	0	244	0
31	0	-	0	0	-	0	-	0	-	0	189	-
Mean	172	0	0	0	0	0	0	0	0	159	111	106
Max.	306	0	0	0	0	0	0	0	0	548	548	352
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	10550	0	0	0	0	0	0	0	0	9770	6810	6320
Water returned	33450 A.F.											

DAILY DIVERSIONS OF CANALS--1957

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	66	734	457	94	486	546	425	123	1330	555	122	162
2	12	800	187	516	449	490	445	247	1350	244	114	154
3	23	486	481	446	30	279	488	57	1410	674	94	207
4	62	203	456	590	532	521	426	39	1000	456	98	286
5	67	372	534	450	541	633	409	36	173	477	90	278
6	75	373	519	40	500	610	480	70	408	566	106	268
7	87	386	532	502	514	556	14	18	256	380	126	294
8	159	504	495	548	561	622	459	16	396	260	118	337
9	70	276	180	779	582	577	469	40	174	244	110	319
10	166	418	424	531	30	39	420	36	350	203	42	377
11	165	188	493	632	572	600	415	40	338	248	12	367
12	170	433	442	494	504	441	367	55	524	203	50	368
13	148	493	372	197	474	503	396	34	730	83	38	401
14	106	528	254	872	499	525	22	33	587	93	12	458
15	166	583	321	576	483	457	359	337	1080	68	18	463
16	152	571	12	577	511	461	410	884	642	36	62	485
17	164	563	361	596	30	231	439	779	816	65	46	452
18	185	297	362	531	501	463	360	1180	1000	54	38	538
19	314	508	354	481	527	514	328	988	965	42	14	596
20	136	533	393	47	562	419	319	1170	1180	10	18	533
21	522	483	379	501	549	413	173	1240	1510	18	18	465
22	611	399	383	528	619	438	288	1260	1110	14	18	460
23	492	417	30	518	408	288	256	1290	1050	12	18	481
24	476	452	394	478	30	167	222	1290	1410	12	18	441
25	376	156	165	556	520	1154	260	1130	886	12	18	482
26	708	483	427	517	486	492	288	1070	316	14	38	522
27	720	505	511	40	572	422	290	1250	612	66	42	487
28	705	525	529	530	605	462	99	1220	829	102	34	487
29	839	358	518	504	---	423	244	1380	863	118	30	440
30	549	448	30	538	---	445	231	1240	631	162	42	539
31	601	---	460	521	---	15	---	1390	---	146	94	---
Mean	293	449	370	475	453	459	327	643	798	182	55	405
Max.	839	800	534	872	619	1154	488	1380	1510	674	126	596
Min.	12	156	12	40	30	15	14	16	173	12	12	154
A.F.	18030	26730	22720	29220	25140	28210	19440	39530	47460	11180	3370	24090
Water returned	295120 A.F.											

DAILY DIVERSIONS OF CANALS—1957

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	164	131	695	674	577
2	160	116	690	616	525
3	159	126	781	731	491
4	146	228	848	863	427
5	77	251	832	858	418
6	103	267	846	919	433
7	172	278	891	950	451
8	236	378	910	943	405
9	278	341	923	966	402
10	82	294	993	946	473
11	77	291	1050	930	468
12	280	259	1043	939	436
13	246	233	1039	941	482
14	259	185	993	935	424
15	261	108	974	939	407
16	275	140	997	950	415
17	216	121	1015	931	397
18	212	131	994	892	354
19	272	223	832	898	367
20	280	225	817	889	404
21	291	129	806	877	376
22	231	131	788	920	420
23	185	129	744	874	438
24	189	206	687	825	446
25	261	423	701	826	502
26	205	596	700	848	515
27	193	566	708	820	537
28	162	603	704	843	391
29	162	652	621	689	150
30	170	745	634	697	222
31	144	—	662	610	—
Mean	198	284	836	856	425
Max.	291	745	1050	966	577
Min.	77	108	621	610	150
A.F.	12190	16870	51410	52640	25300
Water diverted	158410 A.F.				
Pathfinder storage included					

DAILY DIVERSIONS OF CANALS—1957

TRI-STATE DIVERSIONS  
For Farmers Irrigation District and Preferred Rights  
Summary in Acre-feet—1957

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	12190	16870	51410	52640	25300	158410
*Optional Diversions.....	0	80	800	1340	820	3040
**Drains.....	1090	480	0	0	0	1570
Total Diversions.....	13280	17430	52210	53980	26120	163020
Water diverted						Acreage reported
163020 A.F.						D-918 58437
						A-660 2813
						O.D.'s 1681
						Total 63031

\*Estimated  
\*\*Diverted by the Tri-State Canal prior to Northports request for water. None delivered to the Northport Irrigation District prior to June 14.

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	0	2	13
2	13	0	0	0	4	13
3	13	0	0	3	12	14
4	13	0	0	5	18	13
5	12	0	0	5	15	13
6	13	0	0	4	17	12
7	13	0	0	0	17	12
8	15	0	0	4	17	13
9	16	0	0	8	17	16
10	16	0	0	11	16	17
11	16	0	0	12	16	17
12	15	0	0	14	16	10
13	14	0	0	17	16	6
14	12	0	0	12	16	6
15	12	0	0	11	16	6
16	12	0	0	12	16	6
17	12	0	0	18	17	8
18	10	0	0	6	14	8
19	7	0	0	8	12	9
20	7	0	0	8	10	12
21	5	0	0	0	10	12
22	5	0	0	0	9	12
23	5	0	0	0	9	9
24	5	0	0	0	11	7
25	3	0	0	0	17	7
26	0	0	0	0	19	8
27	0	0	0	0	20	6
28	0	0	0	3	14	6
29	0	0	0	5	13	6
30	0	0	0	7	13	5
31	0	0	-	3	14	-
Mean	9	0	0	6	14	10
Max.	16	0	0	18	20	17
Min.	0	0	0	0	2	5
A.F.	550	0	0	350	860	600
Water diverted	2360 A.F.			Acreage reported D-763 1305		

DAILY DIVERSIONS OF CANALS--1957

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

Date	Oct.	Nov.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	19	0	0	0	94	0	131	167	134
2	21	0	0	0	86	0	148	156	124
3	19	0	0	0	103	0	142	159	118
4	19	0	0	0	86	0	148	156	121
5	19	0	0	0	82	0	159	142	118
6	19	0	0	0	74	0	145	142	97
7	19	0	0	0	74	0	142	115	84
8	19	0	0	0	79	0	131	106	67
9	19	0	0	0	112	0	134	121	65
10	23	0	0	0	121	0	134	106	63
11	27	0	24	0	118	0	134	94	65
12	30	0	63	0	26	0	109	100	58
13	31	0	56	0	0	0	92	72	63
14	31	0	57	0	0	0	82	65	63
15	33	0	52	0	0	0	86	54	63
16	31	0	50	0	0	0	115	50	76
17	34	0	50	0	0	0	79	48	84
18	40	0	58	0	0	0	67	50	109
19	40	0	63	0	0	0	89	46	142
20	41	0	50	0	0	0	163	45	163
21	41	0	48	0	0	0	128	41	156
22	43	0	50	63	0	0	226	41	152
23	43	0	54	94	0	0	213	41	167
24	17	0	29	100	0	0	163	41	152
25	0	0	0	103	0	0	152	48	145
26	0	0	0	112	0	58	142	82	142
27	0	0	0	106	0	128	148	145	138
28	0	0	0	109	0	131	156	152	134
29	0	0	0	124	0	134	145	134	145
30	0	0	0	109	0	148	159	138	142
31	0	-	0	-	0	-	163	131	-
Mean	22	0	23	31	34	20	137	96	112
Max.	43	0	63	124	121	148	226	167	167
Min.	0	0	0	0	0	0	67	41	58
A.F.	1350	0	1390	1830	2090	1190	8340	5920	6640
Water diverted	28750 A.F.			Acreage reported A-393 10794 A-4739 408 Total 11292					

DAILY DIVERSIONS OF CANALS—1957

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

Date	May	June	July	Aug.	Sept.
1	0	0	18	9	16
2	0	0	14	16	16
3	0	0	15	25	14
4	0	0	19	24	14
5	0	2	24	25	15
6	0	12	30	22	14
7	0	20	28	16	19
8	0	17	30	16	13
9	0	14	30	15	18
10	0	10	30	16	18
11	0	6	32	18	19
12	0	5	34	26	18
13	0	4	31	25	17
14	0	4	28	26	17
15	0	4	30	26	17
16	0	6	30	26	16
17	0	6	32	28	18
18	0	5	28	26	16
19	0	4	19	22	18
20	0	2	13	28	16
21	0	0	16	26	12
22	0	0	20	28	13
23	0	0	24	27	15
24	0	0	5	24	13
25	0	3	10	24	13
26	0	1	14	22	13
27	0	7	15	25	15
28	0	13	13	26	16
29	0	9	12	24	14
30	0	13	10	17	5
31	0	—	6	19	—
Mean	0	6	21	22	15
Max.	0	20	34	28	19
Min.	0	0	5	9	5
A.F.	0	330	1310	1380	910

Water diverted  
3930 A.F.

WINTERS CREEK CANAL from Winters Creek  
Measured through Parshall flume  
Sec. 19-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	0	18	15	35
2	1	0	0	18	21	33
3	0	0	0	30	20	30
4	0	0	0	25	20	30
5	0	0	0	35	22	25
6	0	0	0	21	20	22
7	0	0	0	3	30	24
8	0	0	0	3	38	27
9	0	0	0	5	45	32
10	0	0	0	26	58	32
11	0	0	0	38	57	27
12	0	0	0	50	51	35
13	0	0	0	49	51	37
14	0	0	0	49	51	35
15	0	0	0	52	51	36
16	0	0	0	48	52	36
17	0	0	0	47	52	37
18	0	0	0	40	51	37
19	0	0	0	0	51	37
20	0	0	0	0	51	35
21	0	0	0	0	47	33
22	0	0	0	20	46	41
23	0	0	0	29	48	42
24	0	0	0	0	45	29
25	0	0	0	23	49	37
26	0	0	0	28	55	37
27	0	0	0	30	51	43
28	0	0	16	32	49	39
29	0	0	18	15	49	37
30	0	0	18	3	54	16
31	0	0	—	3	49	—
Mean	1	0	2	24	44	33
Max.	13	0	18	52	58	43
Min.	0	0	0	0	15	16
A.F.	30	0	100	1470	2680	1970

Water diverted  
6250 A.F.

DAILY DIVERSIONS OF CANALS—1957

WINTERS CREEK FACTORY LATERAL from Winters Creek  
Measured through Parshall flume—Sec. 19-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	0	0	0	0
2	5	0	0	1	0	1
3	0	0	0	2	0	1
4	0	0	0	2	0	1
5	0	0	0	2	0	6
6	0	0	0	2	0	7
7	0	0	0	0	0	7
8	0	0	0	0	11	7
9	0	0	0	2	14	7
10	0	0	0	5	14	7
11	0	0	0	8	14	10
12	0	0	0	7	12	10
13	0	0	0	6	7	4
14	0	0	0	3	6	6
15	0	0	0	1	7	4
16	0	0	0	1	6	6
17	0	0	0	1	4	7
18	0	0	0	1	4	7
19	0	0	0	0	4	7
20	0	0	0	0	5	9
21	0	0	0	0	4	5
22	0	0	0	0	4	3
23	0	0	0	0	4	4
24	0	0	0	0	8	4
25	0	0	0	0	5	7
26	0	0	0	0	3	5
27	0	0	0	0	7	4
28	0	0	0	0	6	4
29	0	0	0	0	0	3
30	0	0	0	0	3	13
31	0	0	—	0	1	—
Mean	1	0	0	1	5	6
Max.	11	0	0	8	14	13
Min.	0	0	0	0	0	0
A.F.	30	0	0	90	300	330

Water diverted  
750 A.F.

DAILY DIVERSIONS OF CANALS--1957

WINTERS CREEK DIVERSIONS							
Summary in Acre-feet--1957							
	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	0	0	330	1310	1380	910	3930
Winters Creek.....	<u>60</u>	<u>0</u>	<u>100</u>	<u>1560</u>	<u>2980</u>	<u>2300</u>	<u>7000</u>
Total diversion.....	60	0	430	2870	4360	3210	10930
Water diverted 10930 A.F.						Acreage reported D-952	5748

MISCELLANEOUS STREAM DISCHARGE AND STORAGE RECORDS  
1958



KORTES RESERVOIR STORAGE IN ACRES-FEET  
Water Year Ending September 30, 1958

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4540	4500	4580	4700	4620	4520	4520	4540	4510	4510	4530	4430
2	4550	4440	4650	4670	4540	4500	4610	4550	4600	4350	4510	4340
3	4640	4420	4620	4670	4660	4540	4640	4490	4450	4560	4530	4270
4	4500	4600	4560	4720	4520	4480	4640	4590	4440	4560	4560	4280
5	4580	4580	4590	4680	4660	4540	4620	4630	4410	4600	4280	4160
6	4620	4580	4580	4700	4660	4540	4600	4640	4570	4680	4580	4190
7	4660	4580	4660	4660	4700	4530	4580	4590	4520	4580	4430	4190
8	4620	4600	4660	4550	4700	4500	4580	4650	4460	4720	4660	4250
9	4520	4680	4580	4690	4250	4530	4600	4540	4510	4600	4400	4380
10	4560	4620	4500	4700	4420	4420	4620	4550	4670	4480	4530	4420
11	4580	4660	4540	4580	4470	4570	4420	4500	4540	4630	4680	4410
12	4690	4660	4420	4560	4690	4510	4440	4520	4510	4670	4510	4390
13	4650	4600	4460	4670	4540	4650	4270	4520	4465	4560	4580	4340
14	4660	4640	4500	4530	4560	4700	4360	4620	4570	4580	4630	4360
15	4620	4590	4580	4690	4460	4620	4400	4530	4360	4600	4500	4340
16	4540	4580	4500	4540	4620	4620	4380	4580	4430	4480	4530	4280
17	4660	4500	4650	4690	4680	4620	4340	4560	4340	4480	4540	4250
18	4610	4420	4650	4660	4500	4660	4340	4560	4580	4630	4520	4680
19	4580	4420	4680	4580	4500	4700	4360	4450	4600	4630	4580	4680
20	4660	4420	4530	4660	4580	4620	4280	4450	4580	4640	4520	4680
21	4600	4580	4650	4660	4650	4660	4320	4560	4570	4440	4520	4600
22	4620	4660	4660	4580	4340	4500	4490	4580	4420	4590	4470	4520
23	4660	4620	4670	4700	4580	4540	4520	4560	4550	4640	4510	4620
24	4580	4700	4600	4700	4600	4580	4530	4500	4410	4490	4520	4030
25	4620	4580	4610	4580	4550	4580	4610	4460	4470	4530	4600	3550
26	4600	4580	4580	4580	4520	4600	4500	4600	4430	4510	4540	2480
27	4600	4310	4660	4600	4600	4670	4650	4560	4440	4440	4520	2450
28	4650	4580	4660	4680	4500	4530	4660	4500	4590	4350	4500	2420
29	4620	4580	4660	4590	---	4460	4500	4640	4430	4500	4405	2390
30	4600	4500	4680	4660	---	4560	4550	4440	4500	4560	4405	2360
31	4500	---	4730	4660	---	4590	---	4390	---	4590	4480	---

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER  
PASSING TRI-STATE DAM  
Water Year Ending September 30, 1958

Date	Apr.	May	June	July	Aug.	Sept.
1	258	242	8	2	28	52
2	251	189	121	8	14	16
3	248	103	15	32	13	3
4	261	92	4	40	7	9
5	207	88	2	57	4	64
6	283	94	1	60	4	58
7	270	82	1	31	4	4
8	267	80	1	30	6	4
9	270	82	254	34	10	3
10	264	82	165	23	12	3
11	261	82	114	5	11	3
12	258	82	103	4	11	3
13	261	29	101	4	15	3
14	267	10	96	4	10	3
15	270	8	92	4	11	3
16	267	32	13	33	39	2
17	258	60	2	65	107	2
18	254	67	1	47	103	2
19	258	20	1	110	84	2
20	261	4	1	48	74	2
21	274	8	2	306	13	2
22	274	13	1	39	18	2
23	277	65	1	9	47	2
24	274	31	1	6	49	2
25	264	4	2	6	16	2
26	261	4	2	4	6	2
27	254	3	2	22	4	2
28	245	2	2	16	4	2
29	248	2	8	7	4	82
30	248	12	14	19	3	165
31	---	1	---	32	67	---
Mean	263	54	38	36	26	17
Max.	287	242	254	306	107	165
Min.	245	1	1	2	3	2
A.F.	15660	3300	2240	2220	1580	1000
Total acre-feet						
26000 A.F.						



DISCHARGE IN SECOND FEET AT THE CONFLUENCE OF NORTH AND  
SOUTH PLATTE RIVERS NEAR NORTH PLATTE  
Water Year Ending September 30, 1958

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1279	1190	1094	1145	1365	1174	1624	1474	6198	1439	1676	1453
2	1313	1182	1163	1339	1215	906	1641	1051	6786	1396	1986	1504
3	1303	890	1088	1352	1480	1252	1502	1126	6526	1519	2406	1423
4	1316	1054	1131	1319	1384	1169	1564	1007	6307	1939	2791	1513
5	1430	1109	1191	1239	1428	1416	1912	1333	5467	1439	3017	1583
6	1257	1076	1271	1364	1413	1377	1784	1453	4885	1349	3218	1794
7	1428	1193	1317	1386	1456	1287	1845	1631	3861	1680	3295	1688
8	1467	1159	1221	1281	1604	1386	1636	1420	2938	1638	3228	1793
9	1411	1107	1332	1190	1760	1268	1802	1230	3201	1770	3240	1648
10	1452	920	1358	1262	1478	1329	1959	1243	2446	1627	3403	1620
11	1473	1183	1312	1240	1292	1347	2067	1581	1450	1808	3443	1675
12	1510	1185	1364	1177	1243	1301	1973	1421	1858	1927	3348	1719
13	1354	1147	1465	1316	1425	1440	1901	1615	1788	2019	3464	1765
14	1472	1069	1475	1405	1501	1429	1918	2871	1477	1765	3595	1385
15	1530	1140	1217	1237	1584	1375	1897	2644	1187	1776	3421	1514
16	1651	1205	1440	1412	1450	1317	1913	2014	1519	1491	2999	1721
17	1432	1091	1533	1435	1563	1489	1970	2470	1365	1789	4020	1671
18	1302	1201	1521	1400	1436	1508	2000	3279	1352	1821	4136	1571
19	1236	1227	1454	1217	1540	1552	1990	3671	1556	1858	2721	1276
20	1136	1174	1252	1422	1602	1499	1976	3777	1525	1968	2143	1312
21	1302	1046	1230	1393	1720	1509	2006	4161	1079	2097	2112	1142
22	1098	1049	1152	1421	1754	1365	2053	5747	996	1811	2050	1255
23	993	1194	1233	1386	1519	1341	2119	6880	1218	1630	2042	1317
24	1132	939	1244	1336	1578	1680	1947	6658	1106	1401	1620	1387
25	856	1149	1124	1447	1582	1651	1651	5924	1157	1426	1483	1400
26	944	1093	1277	1297	1478	1548	1603	5922	1189	1775	1755	1317
27	876	1143	1289	1445	1144	1787	1634	6116	1086	1710	1704	1354
28	1086	1036	1275	1319	1063	1929	1764	5515	1164	1556	1526	558
29	1037	1120	1193	1385	---	1872	1547	5598	1186	1259	1410	1242
30	1174	1129	1389	1374	---	1912	1571	5695	1309	1277	1360	1377
31	1068	---	1256	1350	---	2001	---	5894	---	1475	1424	---
Mean	1269	1113	1286	1332	1466	1465	1826	3304	2506	1659	2582	1466
Max.	1651	1227	1533	1447	1760	2001	2119	6880	6786	2097	4136	1794
Min.	856	890	1088	1145	1063	906	1502	1007	996	1259	1360	558
A.F.	78050	66250	79060	81900	81440	90080	108630	203150	149120	102020	158750	87230
Total acre-feet	1285680 A.F.											

DISCHARGE IN SECOND-FEET OF PLATTE RIVER  
BELOW TRI-COUNTY DIVERSION DAM—Sec. 10-13-29 W.  
Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	60	3340	102	84	49
2	74	3960	117	88	98
3	56	3960	136	222	56
4	59	3870	198	604	49
5	70	3030	175	866	98
6	117	2420	81	970	59
7	52	1660	66	1150	52
8	63	900	98	1180	49
9	77	1030	147	1150	93
10	34	643	170	1240	59
11	51	247	170	1240	59
12	36	153	204	1250	107
13	84	216	241	1180	102
14	810	153	98	1250	107
15	935	102	126	1170	70
16	505	77	81	735	147
17	430	98	74	1250	186
18	958	93	126	2220	122
19	1460	98	170	1540	210
20	1730	170	229	672	131
21	1890	142	374	454	122
22	2720	88	382	390	93
23	3780	70	126	84	93
24	4140	98	88	70	84
25	3680	56	107	59	84
26	3510	74	98	136	81
27	3550	77	84	70	49
28	3340	81	74	63	49
29	3210	81	98	98	70
30	3140	63	56	52	77
31	3410	---	66	49	---
Mean	1420	902	141	696	90
Max.	4140	3960	382	2220	210
Min.	31	56	56	49	49
A.F.	87290	53650	8650	42820	5370
Total acre-feet (5 month period)	197780 A.F.				

**CRESCENT LAKE STORAGE IN ACRE-FEET**  
Head of Blue Creek--Sec. 21-20-44 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	2100	---	---	---	---	---
3	1020	---	---	1280	---	---	---	---	---	2800	---	1680
4	---	1150	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	2750	---	---	---	---
6	---	---	1200	---	1450	---	---	---	2720	---	---	---
7	---	---	---	---	---	---	---	2710	---	---	2640	---
8	---	---	---	---	---	---	---	---	---	---	2620	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	2710	---	---	1580
11	1020	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	2290	---
13	---	---	---	---	---	---	---	2750	2730	---	---	---
14	---	1150	---	---	---	---	---	---	---	---	2140	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	1200	---	---	---	---	---	---	---	---	---
17	---	---	---	1370	1450	---	---	---	---	---	---	1560
18	---	---	---	---	1550	---	2480	---	---	---	2080	---
19	---	---	---	---	---	---	---	---	---	---	2050	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	1040	---	---	---	---	---	---	2910	---	---	---	---
22	---	---	---	---	---	---	2500	2880	---	---	---	---
23	---	---	1290	---	---	---	---	---	---	2890	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	2690	---	---	---
26	---	1150	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	1850	---
28	1260	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	1150	---	---	---	---	---	---	---	---	---	---	1420
31	---	---	---	---	---	2100	---	---	---	2780	---	---

**DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR ELM CREEK**  
Sec. 33-9-18 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	1	12	4	20	36
2	1	8	4	43	32
3	1	4	7	39	32
4	1	3	6	25	38
5	1	3	1	21	35
6	1	0	37	19	38
7	1	21	41	18	27
8	0	25	17	20	34
9	0	25	16	14	44
10	0	14	31	12	43
11	0	7	55	12	37
12	0	4	140	8	40
13	0	4	212	2	35
14	1	4	226	2	25
15	1	2	186	2	28
16	1	64	34	0	29
17	1	23	18	19	36
18	1	11	12	19	37
19	0	6	90	38	34
20	0	3	205	42	34
21	0	1	178	44	35
22	0	1	215	44	38
23	0	25	251	32	35
24	0	21	106	29	34
25	0	18	36	18	30
26	1	3	18	52	27
27	0	1	14	61	25
28	0	1	11	59	20
29	0	1	9	45	20
30	4	3	7	42	20
31	15	-	10	41	---
Mean	1	11	71	27	33
Max.	15	64	251	61	44
Min.	0	0	1	0	20
A.F.	60	630	4360	1570	1940

**DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER**  
Sec. 11-18-48 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	11	23	34	13	35
2	12	35	23	9	39
3	12	14	32	11	34
4	12	11	16	13	27
5	11	11	19	11	50
6	12	13	16	12	33
7	15	12	19	11	36
8	13	32	19	11	27
9	12	32	19	11	21
10	13	36	14	11	33
11	13	13	11	7	27
12	12	44	14	5	45
13	13	28	12	4	35
14	13	33	10	4	39
15	13	56	8	4	40
16	13	18	9	51	37
17	13	12	10	37	28
18	13	14	9	29	30
19	13	19	22	18	21
20	13	20	9	19	24
21	13	20	23	21	21
22	12	22	11	20	18
23	12	18	10	19	17
24	12	17	9	23	13
25	12	16	10	34	15
26	12	18	33	39	14
27	10	24	20	27	14
28	10	19	32	17	13
29	10	18	19	16	16
30	10	25	11	31	14
31	30	---	12	31	---
Mean	13	22	17	20	27
Max.	30	56	34	39	50
Min.	10	11	8	4	13
A.F.	780	1330	1020	1210	1620

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN  
Sec. 6-20-52 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	3	22	17	9	9
2	2	14	16	9	8
3	2	13	16	12	8
4	2	8	20	10	6
5	2	16	30	9	13
6	2	16	24	8	14
7	2	17	35	8	15
8	2	17	33	10	17
9	2	14	20	10	17
10	2	5	18	11	17
11	7	4	18	16	17
12	7	4	19	13	12
13	7	5	17	11	10
14	8	4	14	8	10
15	8	4	14	8	13
16	14	19	21	7	17
17	17	12	28	27	15
18	16	16	18	28	13
19	17	29	29	10	13
20	17	18	8	10	11
21	17	17	8	8	11
22	18	17	5	8	15
23	20	13	3	7	11
24	29	10	17	9	13
25	29	18	20	9	15
26	27	19	18	9	13
27	25	23	21	10	13
28	23	23	18	10	17
29	23	27	15	8	19
30	24	26	19	5	21
31	23	--	10	6	--
Mean	13	15	18	10	13
Max.	29	27	35	28	21
Min.	2	4	3	5	8
A.F.	790	870	1140	640	800

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY DRAIN NO. 2  
Sec. 25-10-23 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	6	3	12	10	9
2	6	3	13	9	5
3	5	3	14	9	7
4	5	3	13	9	7
5	5	3	11	9	7
6	5	3	11	10	7
7	5	3	11	8	8
8	5	4	10	9	8
9	5	4	10	9	9
10	5	4	23	9	8
11	4	4	38	8	8
12	4	5	34	10	7
13	4	5	11	10	7
14	4	5	10	11	7
15	4	5	10	40	6
16	4	5	10	19	6
17	5	5	9	12	7
18	4	6	9	10	7
19	4	7	50	11	7
20	4	7	12	14	6
21	4	7	13	11	6
22	4	8	10	11	6
23	4	8	9	11	5
24	3	8	9	9	5
25	3	8	9	10	5
26	6	8	8	10	5
27	3	8	8	9	5
28	3	9	8	10	5
29	3	10	8	10	5
30	3	10	8	9	5
31	3	--	8	9	--
Mean	4	6	14	11	6
Max.	6	10	50	40	9
Min.	3	3	8	8	5
A.F.	260	340	230	660	390

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER, NEAR  
NORTHPORT--Sec. 20-20-50 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	3	43	31	9	18
2	2	36	48	9	18
3	2	55	51	11	19
4	1	51	52	13	19
5	1	48	52	9	18
6	1	27	52	11	19
7	1	32	68	11	21
8	1	29	78	11	20
9	1	27	74	12	22
10	1	35	70	11	20
11	1	29	74	12	21
12	1	27	60	12	20
13	1	21	9	13	21
14	2	28	49	12	23
15	2	9	44	10	22
16	1	16	41	11	31
17	1	13	44	12	25
18	1	9	264	13	18
19	1	9	170	13	18
20	1	8	79	13	15
21	1	7	33	13	15
22	1	5	29	14	13
23	3	4	24	16	13
24	14	3	32	14	16
25	14	3	15	14	16
26	14	4	12	15	16
27	14	4	10	14	16
28	16	4	8	15	15
29	17	3	11	16	15
30	60	3	10	17	14
31	62	--	8	17	--
Mean	8	20	52	13	19
Max.	62	55	264	17	31
Min.	1	3	8	9	13
A.F.	480	1180	3180	780	1100

DISCHARGE IN SECOND-FEET OF KIM CREEK  
Sec. 33-9-12 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	0	0	0	8	3
2	0	0	0	5	0
3	0	0	0	2	0
4	0	0	0	2	5
5	0	0	4	0	5
6	0	0	2	2	5
7	0	0	0	2	8
8	0	0	0	5	8
9	0	0	4	4	10
10	0	0	220	3	11
11	0	2	601	0	8
12	0	0	80	0	6
13	0	0	15	0	6
14	0	0	7	0	4
15	0	0	4	0	4
16	0	0	0	0	4
17	0	0	2	5	4
18	0	0	7	0	3
19	0	0	439	1	9
20	0	0	296	1	9
21	0	0	12	2	9
22	0	0	50	2	10
23	0	0	43	2	12
24	0	0	14	0	12
25	0	0	4	8	7
26	0	0	1	3	7
27	0	0	1	4	6
28	0	0	0	2	5
29	0	0	3	1	2
30	0	0	1	0	13
31	0	--	0	4	--
Mean	0	0	58	2	6
Max.	0	2	601	8	13
Min.	0	0	0	0	0
A.F.	0	4	3590	130	390

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH INTO  
SUTHERLAND POWER RETURN--Sec. 16-13-30 W.  
Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	36	25	24	22	22
2	34	24	24	25	22
3	32	24	30	24	18
4	32	22	25	23	20
5	30	22	26	23	20
6	29	24	26	22	24
7	29	24	26	22	24
8	28	24	26	22	24
9	28	26	28	20	23
10	26	25	28	18	21
11	28	24	28	20	20
12	27	26	32	20	19
13	30	25	32	20	19
14	93	24	26	21	34
15	60	24	22	20	25
16	47	26	26	26	25
17	38	24	26	26	26
18	35	24	24	23	24
19	35	34	58	22	24
20	32	30	36	24	23
21	30	28	66	23	23
22	28	26	40	26	24
23	28	26	34	26	23
24	28	25	30	24	24
25	27	25	29	24	23
26	27	24	27	22	21
27	32	24	28	22	21
28	28	25	28	21	21
29	27	24	25	20	22
30	26	24	25	26	22
31	26	—	23	22	—
Mean	33	25	30	23	23
Max.	93	34	66	26	34
Min.	26	22	22	18	18
A.P.	2050	1490	1840	1390	1350

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT  
Sec. 19-20-50 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	4	13	12	30	31
2	4	11	11	28	32
3	4	3	7	29	32
4	4	3	11	20	37
5	4	2	9	25	36
6	4	3	8	26	34
7	4	3	17	26	34
8	4	3	17	25	37
9	4	4	22	21	32
10	5	3	18	20	36
11	5	3	14	23	32
12	5	4	13	16	32
13	6	4	17	21	30
14	6	4	19	18	30
15	6	4	16	21	29
16	7	9	17	24	25
17	8	4	25	28	24
18	8	4	26	24	26
19	8	4	24	30	22
20	8	4	6	29	16
21	9	4	16	23	16
22	18	6	12	23	18
23	20	5	15	22	15
24	3	16	14	42	15
25	3	3	14	41	25
26	21	2	24	25	18
27	20	3	23	30	16
28	19	16	33	31	21
29	17	9	31	32	20
30	15	11	30	32	17
31	13	—	30	34	—
Mean	7	6	18	27	26
Max.	21	16	33	42	37
Min.	3	2	6	16	15
A.P.	410	330	1090	1650	1560

OLIVER RESERVOIR STORAGE IN ACRE-FEET  
From Lodgepole Creek--Sec. 36-15-57 W.  
Water Year Ending September 30, 1958

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	2930	-----	-----	-----	-----	-----	5350	-----	5560	4230	-----
2	-----	-----	-----	-----	-----	-----	-----	5350	-----	5560	-----	-----
3	-----	-----	-----	3820	-----	-----	-----	-----	-----	-----	-----	2250
4	2320	-----	-----	-----	-----	-----	4990	-----	-----	-----	4010	-----
5	-----	-----	3470	-----	-----	-----	-----	5350	-----	-----	-----	2310
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3890	2310
7	-----	3050	-----	-----	4190	4590	-----	-----	-----	5210	3880	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	5430	5450	4860	-----	2170
10	-----	-----	-----	3900	-----	-----	-----	-----	-----	-----	3610	-----
11	2480	-----	-----	-----	-----	-----	5160	-----	-----	4680	-----	2080
12	-----	-----	3560	-----	-----	-----	-----	-----	5430	-----	-----	2010
13	-----	-----	-----	-----	-----	4690	-----	5450	5430	-----	3520	-----
14	2560	3170	-----	-----	4290	-----	-----	-----	-----	4370	3520	-----
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1930
16	-----	-----	-----	3960	-----	-----	-----	5450	-----	-----	3260	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	4250	-----	-----
18	-----	-----	-----	-----	-----	-----	5230	-----	-----	4260	-----	-----
19	-----	-----	3670	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	-----	-----	-----	-----	-----	-----	-----	5530	-----	4480	2970	1830
21	-----	3290	-----	-----	4390	4770	-----	-----	-----	-----	-----	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
23	-----	-----	-----	4030	-----	-----	-----	5540	5550	4540	2820	-----
24	2770	-----	-----	-----	-----	-----	-----	-----	5550	-----	-----	-----
25	-----	-----	-----	-----	-----	-----	5280	-----	-----	-----	-----	1830
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	4540	-----	1830
27	-----	3380	3760	-----	-----	-----	-----	5540	-----	-----	-----	-----
28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2560	-----
29	-----	-----	-----	-----	-----	-----	-----	5530	-----	4570	2560	-----
30	-----	-----	-----	4090	-----	-----	-----	-----	5560	-----	-----	1930
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2450	-----

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK  
BELOW OLIVER RESERVOIR AND NEW RUTTNER DIVERSION DAM  
Sec. 31-15-56 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	6	9	4	5	6
2	6	8	4	3	6
3	6	8	4	4	7
4	6	8	4	3	8
5	6	8	4	3	8
6	6	8	6	3	3
7	6	8	9	4	3
8	7	8	6	3	2
9	7	8	6	6	4
10	7	8	6	6	4
11	6	8	6	6	4
12	6	8	6	6	4
13	6	8	6	6	4
14	6	8	6	6	4
15	7	6	6	7	4
16	7	6	7	6	4
17	7	6	6	6	4
18	7	6	6	6	4
19	7	6	7	6	4
20	7	6	4	6	4
21	7	6	4	6	4
22	7	6	4	6	4
23	7	6	6	4	4
24	7	5	6	4	3
25	7	6	6	4	3
26	6	6	6	4	3
27	6	5	6	4	3
28	6	5	6	4	3
29	6	5	6	5	3
30	7	4	4	5	3
31	9	-	5	5	-
Mean	7	7	6	5	4
Max.	7	9	9	7	8
Min.	6	4	4	3	2
A.F.	400	400	340	300	250

DISCHARGE IN SECOND FEET OF LODGEPOLE CREEK ABOVE BENNETT RESERVOIR  
Sec. 22-15-55 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	13	8	4	4	0
2	13	7	1	0	0
3	13	2	2	3	0
4	16	1	1	2	0
5	12	0	1	2	0
6	16	0	4	2	0
7	14	1	1	0	0
8	19	0	2	0	0
9	14	0	5	0	0
10	16	0	12	0	0
11	12	3	0	0	0
12	15	1	1	0	0
13	12	0	0	0	0
14	17	41	0	0	0
15	14	8	0	0	0
16	15	6	14	0	0
17	13	5	2	0	0
18	11	6	0	0	0
19	15	8	0	0	0
20	13	5	4	0	0
21	9	5	13	0	0
22	11	13	16	0	0
23	12	16	13	0	0
24	12	8	16	0	0
25	10	11	20	0	0
26	12	10	14	0	0
27	12	9	11	0	0
28	14	9	13	0	0
29	8	7	13	0	0
30	6	6	10	0	0
31	12	-	13	0	-
Mean	13	7	7	0.4	0
Max.	19	41	20	4	0
Min.	6	0	0	0	0
A.F.	790	390	410	30	0

BENNETT RESERVOIR STORAGE IN ACRE-FEET  
A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.  
Water Year Ending September 30, 1958

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	1230	-----	-----	-----	-----	-----	-----	-----	-----	1020	-----
2	-----	-----	-----	-----	-----	-----	-----	1170	-----	1000	-----	-----
3	-----	-----	-----	1360	-----	-----	-----	-----	1050	-----	-----	-----
4	960	-----	-----	-----	-----	-----	1110	-----	-----	-----	-----	-----
5	-----	-----	1380	-----	-----	-----	-----	-----	-----	-----	-----	580
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	1290	-----	-----	1290	1150	-----	-----	-----	-----	980	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	1350	-----	-----	-----	-----	-----	-----	-----	-----
11	1010	-----	-----	-----	-----	-----	1150	-----	-----	860	-----	-----
12	-----	-----	1370	-----	-----	-----	-----	-----	-----	-----	-----	570
13	-----	-----	-----	-----	-----	1140	-----	-----	870	-----	-----	-----
14	1050	1350	-----	-----	1270	-----	-----	-----	-----	-----	830	-----
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
16	-----	-----	-----	1330	-----	-----	-----	1100	-----	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	-----	-----	-----	-----	-----	-----	1120	-----	-----	840	-----	-----
19	-----	-----	1380	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
21	-----	1390	-----	-----	1210	1130	-----	-----	-----	-----	-----	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	710	-----
23	-----	-----	-----	1300	-----	-----	-----	1130	-----	930	-----	-----
24	1140	-----	-----	-----	-----	-----	-----	-----	990	-----	-----	-----
25	-----	-----	-----	-----	-----	-----	1050	-----	-----	-----	-----	-----
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	530
27	-----	1390	1370	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	-----	-----	-----	-----	-----	1110	-----	-----	-----	-----	-----	-----
29	-----	-----	-----	-----	-----	-----	-----	1080	-----	-----	630	-----
30	-----	-----	-----	1300	-----	-----	-----	-----	-----	-----	-----	530
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

DISCHARGE IN SECOND FEET OF LODGEPOLE CREEK BELOW BENNETT RESERVOIR  
Sec. 22-15-55 W.--Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	0	9	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	6	0	0	0	0
10	6	0	0	0	0
11	6	0	0	0	0
12	6	0	0	0	0
13	12	0	0	0	0
14	12	0	0	0	0
15	12	0	0	0	0
16	11	0	0	0	0
17	9	0	0	0	0
18	9	0	0	0	0
19	9	0	0	0	0
20	9	0	0	0	0
21	9	0	0	0	0
22	9	0	0	0	0
23	8	0	0	0	0
24	8	0	0	0	0
25	9	0	0	0	0
26	9	0	0	0	1
27	9	0	0	0	1
28	9	0	0	0	1
29	9	0	0	0	1
30	9	0	0	0	1
31	9	0	0	0	1
Mean	7	0.3	0	0	0.2
Max.	12	9	0	0	1
Min.	0	0	0	0	0
A.F.	400	20	0	0	10

DISCHARGE IN SECOND-FEET OF MELPETA DRAIN NEAR  
MELPETA--Sec. 13-21-54 W.  
Water Year Ending September 30, 1958

Date	May	June	July	Aug.	Sept.
1	2	0	1	9	8
2	2	30	1	8	9
3	2	3	1	8	10
4	2	3	30	10	11
5	2	13	4	8	20
6	2	5	2	8	13
7	2	3	13	8	11
8	1	3	14	8	10
9	1	30	25	7	8
10	1	8	19	8	9
11	1	4	19	8	10
12	1	3	21	8	11
13	1	2	17	7	8
14	1	7	21	6	9
15	1	4	19	5	9
16	1	4	14	7	8
17	2	10	24	7	5
18	2	13	21	5	5
19	2	8	30	6	6
20	2	13	6	6	10
21	2	12	29	6	14
22	3	15	15	6	11
23	3	12	23	5	9
24	1	1	3	8	11
25	1	1	3	8	11
26	6	1	20	7	6
27	1	0	5	8	8
28	1	0	2	5	7
29	3	0	11	5	3
30	0	0	9	5	2
31	0	0	10	7	0
Mean	2	7	14	7	9
Max.	6	30	30	10	20
Min.	0	0	1	5	2
A.F.	100	410	860	430	530

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET  
From Niobrara River--Sec. 28-29-49 W.  
Live Storage For Irrigation  
Water Year Ending September 30, 1958

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	13980	-----	-----	-----	-----	-----	-----	28810	-----	23800	16500
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	12190	-----	-----	-----	-----	23250	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	17080	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	14640	-----	-----	21540	-----	27140	-----	28500	28660	-----	14920
11	-----	-----	-----	-----	-----	23810	-----	-----	-----	-----	20630	-----
12	-----	-----	-----	-----	-----	-----	-----	29350	-----	-----	-----	-----
13	12640	-----	-----	19700	-----	-----	27330	-----	-----	-----	-----	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	18320	-----
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	-----	-----	-----	-----	22180	-----	-----	-----	-----	-----	-----	-----
20	-----	15560	18050	20390	-----	-----	-----	29720	-----	28840	17960	-----
21	-----	-----	-----	-----	-----	24720	28250	-----	28780	-----	-----	13810
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
25	-----	-----	18450	-----	-----	-----	-----	29560	-----	-----	-----	-----
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	-----	16200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
29	-----	-----	18700	-----	-----	-----	28730	-----	28780	-----	-----	-----
30	-----	-----	-----	20420	-----	-----	-----	28850	-----	-----	-----	12960
31	13560	-----	-----	-----	-----	-----	-----	-----	-----	-----	16910	-----



DISCHARGE IN SECOND-FEET OF SILVERNAIL DRAIN NEAR BRIDGEPORT  
 Sec. 6-19-49 W.--Water Year Ending September 30, 1953

Date	May	June	July	Aug.	Sept.
1	5	13	5	16	17
2	5	30	6	10	12
3	5	14	29	22	8
4	4	12	29	13	19
5	5	15	31	12	18
6	5	15	20	16	23
7	5	19	22	16	28
8	5	22	22	15	26
9	5	16	15	8	20
10	5	19	16	9	25
11	5	20	12	6	10
12	5	28	10	16	30
13	5	29	19	16	37
14	5	36	20	10	36
15	5	37	12	16	37
16	5	39	9	19	37
17	5	10	11	20	40
18	5	9	17	8	35
19	4	8	19	8	29
20	5	7	18	8	9
21	6	7	41	19	8
22	8	6	10	11	9
23	12	5	9	19	10
24	20	6	20	24	5
25	16	5	15	23	11
26	18	5	8	16	11
27	22	5	6	10	11
28	18	5	15	12	14
29	16	5	24	9	12
30	18	5	11	9	30
31	20	-	24	18	-
Mean	9	15	17	14	21
Max.	22	39	41	24	40
Min.	4	5	5	8	5
A.F.	540	900	1040	860	1220

DISCHARGE IN SECOND-FEET OF STREVER CREEK  
 Sec. 1-8-20 W.--Water Year Ending September 30, 1954

Date	May	June	July	Aug.	Sept.
1	17	7	6	31	20
2	16	6	6	29	19
3	16	7	6	29	22
4	14	6	45	22	22
5	13	5	28	18	21
6	13	6	21	24	25
7	11	10	29	21	31
8	12	8	51	22	38
9	12	10	26	21	32
10	12	8	19	17	29
11	12	5	150	15	28
12	12	5	87	14	25
13	11	7	76	17	27
14	12	7	122	29	26
15	14	7	88	28	31
16	13	7	60	17	31
17	13	5	89	33	30
18	14	4	43	38	28
19	12	5	48	45	26
20	11	13	150	45	26
21	11	8	126	51	29
22	10	9	136	49	34
23	10	9	138	45	30
24	9	9	84	45	28
25	9	9	51	44	29
26	9	8	34	54	25
27	9	7	29	42	25
28	9	6	36	31	24
29	8	6	33	25	19
30	8	6	31	25	21
31	8	-	36	21	-
Mean	12	7	61	31	26
Max.	17	13	150	54	38
Min.	8	4	6	14	19
A.F.	710	430	3740	1880	1580

WHITNEY RESERVOIR STORAGE IN ACRE-FEET  
 From White River--Sec. 34-33-51 W.  
 Water Year Ending September 30, 1958

Date	Oct.	Nov	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	9170	---	---	---	5890	---
3	---	---	6950	---	---	---	---	---	---	---	---	---
4	5330	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	8575	---	---	---
6	---	---	---	8200	---	5320	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	6220	---	---	---	---	---	---	---	---	---	5740
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	9710	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	9980	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	7980	---
16	---	---	---	---	---	8520	---	10020	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	9840	---	---	8450	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	8740	---	---	---	---	---	---
22	---	---	7580	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	5860	---
27	---	---	---	---	---	---	---	---	8745	---	---	---
28	---	---	---	---	---	9040	10160	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	6060	---	---	---	---	---	---	---	---	---	---	4950
31	---	---	---	---	---	---	---	---	---	---	---	---

DISCHARGE FROM DRAINS  
1957-1958

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

Values in Acre-feet  
For the Water Year Ending September 30, 1958

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	510	140	120	140	120	90	60	1110	2110	3840	840	1580	10660
Bayard Sugar Factory Drain	2360	1640	1490	1390	1160	1460	1220	1070	2690	2590	2460	1740	21270
+Cleveland Drain	950	140	120	100	110	120	150	790	870	1140	640	800	5930
*DeGrae Drain	300	300	260	210	190	320	270	390	1190	350	460	460	4700
+Dugout Creek, Upper	700	430	330	260	110	180	130	480	1180	3180	780	1100	8860
*Fairfield Seep	70	10	0	0	0	0	0	20	80	40	70	80	370
*Fanning Seep	120	80	60	30	40	40	20	10	30	50	90	120	690
Gering Drain	2250	1710	1690	1610	1330	1410	1330	2390	6240	5380	4000	5410	34750
Horse Creek	4080	2230	1600	1300	1850	4190	6380	4850	11690	10030	4620	8620	61440
+Indian Creek	520	380	350	250	240	260	240	410	330	1090	1650	1560	7280
*Lane Drain	270	140	120	130	70	60	60	60	200	420	360	430	2320
+Melbeta Drain	60	80	120	90	60	60	120	100	410	860	430	530	2920
Mine Mile Drain	7860	5590	5020	4440	3790	4180	3650	5190	8760	11890	9810	13900	84080
Red Willow Drain	5620	4450	4030	3540	2990	3330	3160	4530	8310	8750	4410	8380	61500
*Scottsbluff Drain No. 1	370	320	230	190	130	140	110	120	310	230	330	450	2930
*Scottsbluff Drain No. 2	240	160	80	60	60	320	80	190	320	380	620	680	3190
Sheep Creek	5870	5090	4690	4210	3660	3970	3970	2900	3640	2110	260	680	41050
Spotted Tail Creek, Dry	2030	1170	990	1160	950	1040	920	2330	3340	2980	2490	2820	22220
*Spotted Tail Creek, Wet	680	620	560	500	380	450	460	470	440	710	690	710	6670
Tub Springs	3270	2470	2260	1970	1560	1660	1550	2210	4380	2640	1040	2560	27570
Winters Creek	4150	2850	2520	2660	2480	2770	2440	1870	5230	3910	3050	5090	39020
<b>Totals</b>	<b>42280</b>	<b>30000</b>	<b>26640</b>	<b>24240</b>	<b>21280</b>	<b>26050</b>	<b>26320</b>	<b>31490</b>	<b>61750</b>	<b>62570</b>	<b>39100</b>	<b>57700</b>	<b>449420</b>

\*Estimated for entire year from measurements.

+Estimated October-April, inclusive. One reading daily May-September.

DIVERSIONS FROM DRAINS  
1957-1958

DIVERSIONS FROM DRAINS BETWEEN  
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-Feet

For Water Year Ending September 30, 1957

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
<b>Tri-State Canal from:</b>								
Akers Draw.....	0	0	500	500	580	730	640	2950
Sheep Creek.....	0	0	0	350	3710	4630	4190	12880
Dry Spotted Tail Creek.....	0	0	60	30	750	1130	1060	3030
Wet Spotted Tail Creek.....	0	0	520	630	680	1280	1900	5010
Tub Springs.....	0	0	0	190	1060	1740	1550	4540
<b>Enterprise Canal from:</b>								
Stewart & Morrill Drains.....	60	60	0	0	90	150	180	540
Wet Spotted Tail Creek.....	0	240	190	230	440	590	570	2260
Tub Springs.....	30	10	50	10	160	610	0	870
<b>Winters Creek Canal from:</b>								
Winters Creek.....	60	0	0	430	2870	4360	3210	10930
<b>Alliance Canal from:</b>								
Bayard Drain.....	530	0	0	630	630	40	280	2110
Red Willow Creek.....	640	0	310	1160	1540	2440	1820	7910
<b>Total.....</b>	<b>1320</b>	<b>310</b>	<b>1630</b>	<b>4160</b>	<b>12510</b>	<b>17700</b>	<b>15400</b>	<b>53030</b>

DIVERSIONS FROM DRAINS BETWEEN  
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-Feet

For Water Year Ending September 30, 1958

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
<b>Tri-State Canal from:</b>								
Akers Draw.....	0	0	200	320	520	740	810	2590
Sheep Creek.....	0	0	530	550	2310	5980	6030	15400
Dry Spotted Tail Creek.....	0	0	0	0	290	940	1510	2740
Wet Spotted Tail Creek.....	0	0	140	470	860	1670	1960	5100
Tub Springs.....	0	0	410	30	1590	2280	2140	6450
<b>Enterprise Canal from:</b>								
Stewart & Morrill Drains.....	30	0	0	40	70	290	240	670
Wet Spotted Tail Creek.....	160	0	310	370	570	770	830	2970
Tub Springs.....	0	0	0	10	110	760	0	880
<b>Winters Creek Canal from:</b>								
Winters Creek.....	20	0	1030	180	2140	3200	2400	8970
<b>Alliance Canal from:</b>								
Bayard Drain.....	140	0	640	220	530	240	1020	2790
Red Willow Creek.....	740	0	1180	420	1680	3140	2430	9590
<b>Total.....</b>	<b>1050</b>	<b>0</b>	<b>4440</b>	<b>2610</b>	<b>10630</b>	<b>20010</b>	<b>19370</b>	<b>58150</b>

DAILY DIVERSIONS OF CANALS  
1958

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	17	19	0	26
2	13	0	12	20	0	25
3	10	0	0	20	0	24
4	9	0	0	0	0	25
5	9	0	0	8	0	25
6	10	0	0	13	0	24
7	6	0	0	15	0	24
8	0	0	2	14	0	25
9	0	0	1	16	0	25
10	0	0	9	16	0	25
11	0	0	10	15	0	11
12	0	13	0	16	0	19
13	0	22	14	16	0	24
14	0	24	23	16	0	24
15	0	21	14	14	0	24
16	0	15	0	16	0	23
17	0	17	0	14	0	22
18	0	21	0	12	2	23
19	0	21	0	5	0	22
20	0	21	0	0	0	21
21	0	22	0	0	0	9
22	0	20	0	0	0	2
23	0	0	0	0	0	1
24	0	0	0	0	0	7
25	0	0	0	0	0	13
26	0	11	0	0	0	12
27	0	18	0	0	19	7
28	0	18	0	0	25	0
29	0	19	0	0	26	0
30	0	20	11	0	25	0
31	0	20	--	0	26	--
Mean	2	10	4	8	4	17
Max.	15	24	23	20	26	26
Min.	0	0	0	0	0	0
A.F.	140	640	220	530	240	1020
Water diverted	2790 A.F.		Acreage reported			
			D-874,1035 2106			

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

Date	Oct.	May	June	July	Aug.	Sept.
1	37	0	39	25	55	56
2	40	0	0	22	53	59
3	40	0	0	0	52	72
4	38	0	0	0	51	68
5	34	0	0	0	58	55
6	29	0	0	5	59	55
7	27	0	0	30	54	51
8	24	0	0	35	53	58
9	23	0	0	36	53	50
10	23	0	0	34	55	55
11	23	0	0	40	58	53
12	22	0	0	47	44	48
13	12	10	10	55	48	48
14	0	17	14	48	48	41
15	0	19	9	47	40	46
16	0	18	0	48	32	36
17	0	18	0	51	38	30
18	0	19	5	24	42	33
19	0	20	0	0	42	26
20	0	34	0	0	38	26
21	0	45	0	0	41	25
22	0	30	0	0	54	27
23	0	8	25	0	63	35
24	0	30	14	18	68	42
25	0	41	0	26	61	29
26	0	42	3	30	37	25
27	0	41	10	25	53	21
28	0	42	27	39	60	19
29	0	48	21	51	59	19
30	0	57	25	55	58	17
31	0	58	--	57	58	--
Mean	12	19	7	27	51	41
Max.	40	58	39	57	68	72
Min.	0	0	0	0	32	17
A.F.	740	1180	420	1680	3140	2430
Water diverted	9590 A.F.		Acreage reported			
			D-874,1035 4022			
			A-1181 80			
			A-1436 18			
			Total 4120			

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	1	0
9	0	0	0	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	1	0
15	0	0	0	1	0
16	0	0	0	1	0
17	0	0	0	2	0
18	0	0	0	1	0
19	0	0	0	1	0
20	0	0	0	1	0
21	0	0	0	1	0
22	0	0	0	1	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	--	0	0	--
Mean	0	0	0	1	0
Max.	0	0	0	2	0
Min.	0	0	0	0	0
A.F.	0	0	0	40	0
Water diverted	40 A.F.		Acreage reported		
			D-342 55		
			D-344 30		
			A-897R 8		
			A-4531 50		
			Total 143		

DAILY DIVERSIONS OF CANALS--1958

BARTLEY CANAL from Republican River  
Measured through 8-foot Parshall flume

Date	Oct.	May	June	July	Aug.	Sept.
1	16	0	21	17	97	28
2	16	0	22	22	99	32
3	16	0	16	18	96	39
4	16	0	4	17	99	42
5	16	0	0	16	97	40
6	14	0	0	16	95	40
7	16	0	0	12	89	40
8	18	0	0	16	78	37
9	19	0	0	20	71	28
10	19	0	0	21	71	28
11	19	0	0	30	73	28
12	19	0	0	30	76	26
13	19	0	0	29	82	24
14	14	0	0	37	82	24
15	3	0	0	44	77	21
16	0	0	0	53	72	11
17	0	0	7	62	72	6
18	0	0	28	67	71	6
19	0	0	30	67	63	2
20	0	0	25	30	62	0
21	0	0	13	0	60	0
22	0	10	0	0	54	0
23	0	29	11	0	53	0
24	0	22	23	15	54	0
25	0	12	22	43	46	0
26	0	22	20	37	36	0
27	0	21	13	38	32	0
28	0	21	12	48	30	0
29	0	21	12	62	28	13
30	0	21	10	84	28	23
31	0	21	--	90	28	--
Mean	8	6	10	34	67	18
Max.	19	28	30	50	99	42
Min.	0	0	0	0	28	0
A.F.	480	390	570	2070	4110	1070
Water diverted	8690 A.F.		Acreage reported			
			A-38094 6233			
	Supplemental storage available		A-6217 248			
			Total 6531			

BETHELME CANAL from North Platte River  
Measured through rating flume--Sec. 24-10-49 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	10	3	15
2	11	0	0	7	2	16
3	11	0	0	1	3	15
4	10	0	0	3	2	9
5	4	0	0	6	2	7
6	1	0	0	5	0	2
7	3	0	0	2	2	0
8	8	0	0	2	11	0
9	8	0	0	2	22	0
10	10	0	0	1	25	0
11	11	0	0	0	28	0
12	12	0	0	0	28	0
13	12	0	0	0	27	0
14	13	0	0	0	19	0
15	13	0	0	0	25	0
16	13	0	0	0	11	0
17	11	0	0	0	11	2
18	10	0	0	0	20	6
19	10	0	0	5	18	5
20	10	0	0	0	13	4
21	6	0	0	0	13	3
22	5	0	0	0	14	3
23	5	0	0	1	15	2
24	5	0	0	3	16	5
25	6	0	0	2	17	8
26	5	0	7	3	17	9
27	2	0	10	3	16	11
28	0	0	9	4	12	13
29	0	0	9	3	12	14
30	0	0	10	3	12	15
31	0	0	--	4	14	--
Mean	7	0	1	2	14	5
Max.	13	0	10	10	28	16
Min.	0	0	0	0	0	0
A.F.	450	0	90	140	850	330
Water diverted	1860 A.F.				Acreege reported	
					D-887	2080

BELMONT-EMPIRE CANAL from North Platte River  
Measured through rating flume--Sec. 10-2-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	105	0	61	83	132	141
2	98	0	19	72	136	139
3	97	0	27	84	154	144
4	97	0	34	59	154	147
5	93	0	24	85	153	144
6	90	0	25	89	152	127
7	90	0	32	83	157	117
8	90	23	31	79	158	117
9	22	38	28	66	161	114
10	0	41	20	69	163	114
11	0	40	45	70	167	49
12	0	34	63	48	167	84
13	0	29	38	58	167	111
14	0	32	45	83	150	108
15	0	29	48	97	150	104
16	0	28	43	137	143	95
17	0	24	34	138	133	92
18	0	32	29	109	138	90
19	0	37	25	32	144	95
20	0	38	25	37	145	98
21	0	36	25	35	142	99
22	0	38	26	31	142	100
23	0	28	25	39	141	95
24	0	24	25	59	147	95
25	0	34	32	103	144	100
26	0	37	35	103	143	101
27	0	35	37	112	142	98
28	0	42	46	113	143	94
29	0	61	61	118	141	84
30	0	58	65	138	139	76
31	0	60	--	138	141	--
Mean	25	28	35	83	148	106
Max.	105	61	65	138	167	147
Min.	0	0	19	31	132	49
A.F.	1550	1740	2090	5110	9100	6290
Water diverted	25880 A.F.					

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	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	3	0
14	0	0	0	10	0
15	0	0	0	12	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0	1	0
Max.	0	0	0	12	0
Min.	0	0	0	0	0
A.F.	0	0	0	50	0
Water diverted	50 A.F.				



DAILY DIVERSIONS OF CANALS--1958

BELMONT-EMPIRE CANAL  
Summary in Acre-feet--1958

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	1550	1740	2090	5110	9100	6290	25820
Cedar Creek.....	0	0	0	0	50	0	50
(for Belmont only)							
Total diversion.....	1550	1740	2090	5110	9150	6290	25930
Water diverted							
25930 A.F.							
						Acreage reported	
						D-828	14354
						D-858	1549
						Total	15903

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	22	0	2	5	1	17
2	25	0	2	4	1	19
3	27	0	2	8	1	20
4	29	0	2	9	1	20
5	28	0	2	8	3	23
6	28	0	2	9	2	26
7	29	0	1	8	2	27
8	26	3	1	7	1	18
9	2	16	4	6	1	13
10	0	19	6	5	1	13
11	0	22	14	3	1	20
12	0	19	24	5	1	27
13	0	8	27	6	1	30
14	0	12	28	4	1	31
15	0	11	28	3	1	34
16	0	9	25	2	11	39
17	0	4	23	2	7	35
18	0	1	11	12	3	32
19	0	11	5	7	2	30
20	0	12	5	13	2	28
21	0	9	6	24	4	30
22	0	12	5	14	5	29
23	0	13	5	18	14	22
24	0	9	5	13	25	16
25	0	0	3	22	27	17
26	0	10	3	23	27	18
27	0	16	5	14	20	18
28	0	14	5	7	13	22
29	0	2	5	4	10	25
30	0	2	5	1	5	27
31	0	2	-	1	12	-
Mean	7	8	9	9	7	24
Max.	29	22	28	24	27	39
Min.	0	0	1	1	1	13
A.F.	430	470	520	530	410	1440
Water transferred						
3800 A.F.						

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	2
2	0	0	0	0	0
3	0	4	0	0	0
4	0	3	0	0	0
5	0	4	0	0	0
6	0	4	0	0	1
7	0	4	0	0	1
8	0	4	0	0	1
9	0	4	0	0	1
10	0	4	0	3	1
11	0	4	0	3	1
12	0	4	0	3	1
13	0	4	2	3	1
14	0	4	2	3	1
15	0	4	2	3	1
16	0	4	3	5	1
17	0	4	3	5	1
18	0	4	4	5	1
19	0	4	4	3	1
20	0	4	4	3	0
21	0	4	0	3	0
22	0	3	0	2	0
23	0	3	0	2	0
24	0	3	0	2	0
25	0	3	0	4	4
26	0	3	0	4	4
27	0	3	0	4	4
28	0	0	0	2	4
29	0	0	0	2	4
30	0	0	0	2	3
31	0	-	0	2	-
Mean	0	3	1	2	1
Max.	0	4	4	5	4
Min.	0	0	0	0	0
A.F.	0	190	50	130	70
Water diverted					
440 A.F.					
				Acreage reported	
				A-691	86

DAILY DIVERSIONS OF CANALS--1958

BENNET-KAY CANAL from Niobrara River

Measured through rating flume--Sec. 1-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	0	0	0	0	0
Min.	0	0	0	0	0
A.F.	0	0	0	0	0
Water diverted	0 A.F.		Acreage reported		
			A-1249	241	

DAILY DIVERSIONS OF CANALS--1958

BICKEL-FADEH CANAL from Lodgepole Creek

Measured through rating flume--Sec. 30-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	2
2	0	0	0	0	1
3	0	0	0	0	2
4	0	0	0	0	3
5	0	0	0	0	3
6	0	0	0	0	2
7	0	0	0	0	2
8	0	0	0	0	2
9	0	0	0	4	3
10	0	0	0	3	3
11	0	0	0	3	2
12	0	0	0	3	3
13	0	0	0	3	2
14	0	0	0	3	2
15	0	0	0	3	2
16	0	0	0	3	0
17	0	0	0	3	1
18	0	0	0	2	2
19	0	0	0	2	0
20	0	0	0	2	0
21	0	0	0	2	0
22	0	0	0	4	0
23	0	0	0	3	0
24	0	0	0	3	0
25	0	0	0	2	0
26	0	0	0	3	0
27	0	0	0	2	0
28	0	0	0	2	0
29	0	0	0	4	0
30	0	0	0	2	0
31	0	-	0	3	-
Mean	0	0	0	2	1
Max.	0	0	0	4	3
Min.	0	0	0	0	0
A.F.	0	0	0	130	70
Water diverted	200 A.F.		Acreage reported		
			D-347	22	
			A-719	61	
			Total	83	

DAILY DIVERSIONS OF CANALS--1958

BIGELOW-SEYMOUR CANAL from Niobrara River

Measured through rating flume--Sec. 19-31-57 W.

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

DAILY DIVERSIONS OF CANALS--1958

BIRDWOOD CANAL from Birdwood Creek

Measured through Parshall Flume-- Sec. 35-15-33 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	25	6	0	0	18	13	7
2	26	7	0	0	23	12	8
3	25	6	0	0	16	11	8
4	25	7	0	0	23	11	8
5	25	5	0	0	22	11	10
6	17	9	0	0	22	12	10
7	3	8	0	0	23	12	10
8	12	6	0	0	23	12	9
9	18	5	0	13	23	17	9
10	12	4	0	10	30	23	9
11	3	0	0	7	22	24	10
12	7	2	0	7	23	25	11
13	16	4	0	10	25	26	12
14	27	5	0	9	9	26	21
15	15	6	0	9	6	22	12
16	11	6	0	10	8	11	15
17	15	7	0	9	8	14	15
18	11	8	0	12	9	14	12
19	0	8	0	11	8	19	12
20	0	5	0	6	7	25	12
21	2	2	0	6	15	25	12
22	2	25	0	5	9	28	12
23	3	0	0	5	8	22	13
24	4	0	0	8	7	16	14
25	5	0	0	9	7	16	13
26	7	0	0	8	9	16	13
27	5	0	0	8	13	15	13
28	0	0	0	7	8	13	14
29	2	0	0	11	6	6	10
30	5	0	0	12	7	9	0
31	6	-	0	-	12	7	-
Mean	10	5	0	6	14	17	11
Max.	27	25	0	13	30	28	21
Min.	0	0	0	0	6	6	0
A.F.	660	280	0	380	890	1020	660
Water diverted	3890 A.F.		Acreage reported				
			D-646	5287			

DAILY DIVERSIONS OF CANALS--1958

BLUE CREEK CANAL from Blue Creek and Crescent Lake  
Measured through rating flume--Sec. 33-17-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	39	0	0	32	0	20
2	38	0	0	28	0	19
3	35	0	0	14	0	21
4	33	0	0	23	0	26
5	35	0	0	20	0	27
6	34	0	0	17	0	26
7	39	0	0	3	0	21
8	39	0	0	5	15	20
9	37	0	0	6	31	26
10	36	0	0	11	47	32
11	38	0	0	19	48	25
12	38	0	0	18	47	20
13	38	0	0	17	48	28
14	35	0	0	23	48	27
15	27	0	0	33	48	22
16	23	0	0	40	26	23
17	22	0	0	40	7	23
18	22	0	0	37	36	23
19	24	0	0	0	41	24
20	22	0	6	0	43	23
21	6	0	0	0	41	24
22	8	0	0	0	28	27
23	9	0	0	0	19	28
24	9	0	9	0	22	30
25	10	0	10	0	18	32
26	9	0	11	0	23	15
27	8	0	13	0	26	0
28	7	0	16	0	28	0
29	7	0	19	0	30	0
30	6	0	25	0	31	0
31	7	0	—	0	25	—
Mean	24	0	4	12	25	21
Max.	39	0	25	40	48	32
Min.	6	0	0	0	0	0
A.F.	1470	0	220	770	1540	1250
Water diverted				Acreage reported		
	5250 A.F.			D-785 2549		
Crescent Lake storage Included				D-795 339		
				A-1154 30		
				Total 2918		

DAILY DIVERSIONS OF CANALS--1958

BOELUS POWER CANAL from Middle Loup River  
Measured through power wheels--Sec. 27-13-12 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	529	230	229	0	121	0	341	486	512	500	333	472
2	540	558	377	0	82	0	521	259	294	176	560	468
3	274	544	376	0	0	0	507	529	522	522	538	270
4	519	522	516	0	77	0	521	533	493	544	538	475
5	526	351	513	0	90	0	525	526	508	536	523	220
6	529	540	513	0	0	0	521	522	522	536	482	489
7	536	540	260	0	0	0	303	529	515	536	486	504
8	547	340	184	0	0	0	517	519	493	515	300	516
9	544	360	253	0	0	0	514	333	314	172	472	501
10	317	522	234	0	0	0	517	526	512	562	417	501
11	558	504	0	0	0	0	162	504	508	549	397	504
12	544	323	0	0	0	0	517	508	508	542	372	269
13	544	507	0	0	0	0	507	515	519	553	333	493
14	540	503	164	0	0	0	514	547	526	531	317	512
15	405	326	232	0	0	0	507	346	526	535	194	282
16	295	496	276	0	0	0	474	529	289	535	465	315
17	547	458	356	0	0	0	135	508	536	538	414	549
18	544	102	282	0	0	0	502	500	529	283	390	520
19	536	211	335	0	0	174	529	493	529	24	404	516
20	526	390	273	0	0	245	532	592	551	161	397	508
21	519	203	335	0	91	232	525	289	569	563	383	516
22	510	113	446	0	121	467	513	508	569	567	361	523
23	536	249	259	103	0	478	558	508	344	545	527	523
24	526	464	247	205	0	259	558	486	562	556	504	520
25	529	467	276	261	0	496	108	486	569	152	516	527
26	339	260	201	236	0	349	425	493	554	553	497	527
27	519	470	467	149	0	507	529	273	540	545	486	545
28	536	470	94	108	0	338	519	519	536	549	465	542
29	300	0	0	248	—	—	514	504	479	512	458	538
30	540	128	0	265	—	—	510	486	493	523	302	556
31	550	—	0	88	—	—	514	—	461	—	516	—
Mean	494	372	248	54	21	164	464	477	498	466	429	473
Max.	558	558	516	265	121	514	558	592	569	567	560	556
Min.	274	0	0	0	0	0	108	259	289	24	194	220
A.F.	30360	22120	15270	3300	1150	10080	27590	29340	29660	28650	26380	28170
Total acre-feet	252100 A.F.											

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	66	0	0	0	58	53
2	71	0	0	18	55	54
3	68	0	0	12	53	44
4	65	0	0	0	62	45
5	58	0	0	0	67	43
6	58	0	0	0	64	44
7	53	0	33	0	64	50
8	52	0	38	0	62	53
9	53	0	30	0	62	44
10	54	0	24	5	60	40
11	53	0	5	12	63	35
12	52	0	0	33	68	17
13	52	0	0	13	76	0
14	41	0	0	55	71	10
15	32	0	7	59	66	38
16	27	0	8	55	66	24
17	25	0	0	53	67	18
18	9	0	0	37	67	8
19	0	0	0	15	66	18
20	0	0	0	3	56	24
21	0	0	0	24	56	27
22	0	0	0	7	58	32
23	0	0	0	0	56	40
24	0	0	0	0	54	40
25	0	0	0	0	53	40
26	0	0	0	0	47	42
27	0	0	28	0	39	33
28	0	0	32	0	45	37
29	0	0	31	14	51	34
30	0	0	37	42	45	35
31	0	0	--	47	45	--
Mean	29	0	9	16	59	34
Max.	71	0	38	59	76	54
Min.	0	0	0	0	39	0
A.F.	1760	0	540	1000	3610	2030
Water diverted					Acreeage reported	
	8940 A.F.				D-257,1033	6091
Pathfinder Storage Available						

DAILY DIVERSIONS OF CANALS--1958

CAMBRIDGE CANAL from Republican River  
Measured through 15' Marshall flume--Sec. 27-4-25 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	40	0	57	70	241	26
2	47	0	59	73	249	42
3	47	0	59	80	249	60
4	41	0	51	88	265	71
5	40	0	39	87	282	77
6	40	0	37	82	298	68
7	40	0	15	87	283	63
8	40	0	0	87	265	61
9	39	0	0	86	262	59
10	35	0	0	86	260	60
11	35	0	0	91	244	55
12	30	0	0	89	192	35
13	27	0	13	51	181	20
14	25	0	40	114	170	19
15	22	0	40	136	155	19
16	6	0	37	151	142	13
17	0	0	49	164	135	7
18	0	0	51	159	109	4
19	0	0	44	140	90	3
20	0	0	30	56	77	2
21	0	0	48	0	64	2
22	0	24	49	0	57	0
23	0	49	45	0	53	0
24	0	53	41	33	51	0
25	0	52	39	86	43	0
26	0	64	40	82	37	0
27	0	68	41	91	37	0
28	0	60	42	122	28	0
29	0	56	48	163	24	28
30	0	57	56	208	25	25
31	0	56	--	236	26	--
Mean	18	17	36	98	148	27
Max.	47	68	59	236	298	77
Min.	0	0	0	0	24	0
A.F.	1100	1070	2120	6030	9110	1610
Water diverted					Acreeage reported	
	21040 A.F.				A-3269e	18999
Supplemental storage available						

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	66	0	47	83	94	69
2	65	0	45	81	95	68
3	63	0	46	80	95	66
4	64	0	45	76	98	64
5	64	0	45	78	93	63
6	63	0	45	77	93	62
7	64	21	45	70	94	63
8	64	54	36	72	97	63
9	64	53	8	72	91	63
10	64	52	0	71	92	63
11	63	52	0	74	92	62
12	63	52	0	82	89	62
13	62	50	0	85	87	62
14	62	50	29	85	86	64
15	61	49	50	83	84	64
16	60	46	36	84	83	64
17	58	45	45	82	92	61
18	55	48	52	54	81	60
19	50	49	48	0	79	61
20	17	45	44	0	77	53
21	0	46	43	0	76	63
22	0	51	34	0	76	63
23	0	28	29	44	75	64
24	0	48	46	73	76	64
25	0	55	54	76	76	65
26	0	54	53	79	76	65
27	0	51	53	80	75	66
28	0	53	74	86	75	68
29	0	56	83	89	73	68
30	0	57	85	90	72	71
31	0	55	--	91	71	--
Mean	38	39	41	68	84	64
Max.	66	57	85	91	98	69
Min.	0	0	0	0	71	60
A.F.	2350	2420	2420	4160	5160	3820
Water diverted					Acreeage reported	
	20340 A.F.				D-921	6017
					A-186R	471
					A-350R	50
					Total	6538
Pathfinder Storage Available						

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	12	11	28	23
2	3	0	0	12	22	26
3	0	0	0	14	14	26
4	0	0	0	16	12	26
5	0	0	0	19	10	28
6	0	0	0	16	10	29
7	0	12	0	9	2	26
8	0	13	0	12	7	24
9	0	11	0	12	28	22
10	0	14	0	11	25	21
11	0	16	0	13	23	19
12	0	16	0	17	22	16
13	0	14	0	20	36	16
14	0	16	0	15	33	17
15	0	3	0	20	33	16
16	0	0	0	22	39	11
17	0	0	0	22	40	11
18	0	0	0	13	42	10
19	0	0	0	0	34	11
20	0	3	0	0	30	13
21	0	10	0	0	32	11
22	0	11	0	0	28	13
23	0	0	0	6	25	16
24	0	14	0	19	26	16
25	0	22	0	16	24	18
26	0	22	0	21	23	22
27	0	22	0	29	23	25
28	0	21	0	29	23	17
29	0	20	0	23	23	19
30	0	22	0	23	24	29
31	0	20	--	24	27	--
Mean	0.5	10	0.4	15	25	19
Max.	12	22	12	29	42	29
Min.	0	0	0	0	2	10
A.F.	30	600	20	930	1540	1140
Water diverted					Acreeage reported	
	4260 A.F.				D-926	2127
Pathfinder Storage Available						

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	30	0	44	22	62	35
2	29	0	15	22	58	36
3	27	0	19	16	57	40
4	27	0	24	12	58	44
5	28	0	25	17	56	50
6	27	0	23	16	61	48
7	28	0	25	15	66	40
8	27	4	21	18	64	37
9	23	21	19	21	67	36
10	19	21	27	24	68	39
11	21	21	25	29	70	39
12	19	23	24	33	68	30
13	16	25	27	42	66	34
14	15	23	22	49	68	33
15	5	21	18	50	74	37
16	0	18	14	50	68	36
17	0	18	17	54	64	36
18	0	19	17	27	63	37
19	0	20	13	6	62	36
20	0	21	14	3	56	35
21	0	23	13	23	56	34
22	0	33	14	27	56	32
23	0	36	13	35	52	36
24	0	28	13	37	42	37
25	0	32	13	39	43	33
26	0	34	12	33	48	35
27	0	38	9	32	50	33
28	0	36	11	32	50	34
29	0	44	15	32	48	27
30	0	43	22	33	42	24
31	0	40	—	46	37	—
Mean	11	21	19	29	58	36
Max.	30	44	44	54	74	50
Min.	0	0	9	3	37	24
A.F.	670	1270	1130	1780	3570	2160
Water diverted	10580 A.F.		Acreage reported			
			D-844, 1031 5141			

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	3
2	0	0	0	0	3
3	0	0	0	0	0
4	0	0	0	0	1
5	0	0	0	0	2
6	0	0	0	0	1
7	0	0	0	0	1
8	0	0	0	0	1
9	0	0	0	0	2
10	0	0	0	0	2
11	0	0	0	0	2
12	0	0	0	0	3
13	0	0	0	0	2
14	0	0	0	1	2
15	0	0	0	1	3
16	0	0	0	2	3
17	0	0	0	2	2
18	0	0	0	2	2
19	0	0	0	3	0
20	0	0	0	3	0
21	0	0	0	2	0
22	0	0	0	2	0
23	0	0	0	2	0
24	0	0	0	2	0
25	0	0	0	2	0
26	0	0	0	2	0
27	0	0	0	2	0
28	0	0	0	2	0
29	0	0	0	2	0
30	0	0	0	4	0
31	0	—	0	4	—
Mean	0	0	0	1	1
Max.	0	0	0	4	3
Min.	0	0	0	0	0
A.F.	0	0	0	80	70
Water diverted	150 A.F.		Acreage reported		
			D-346 235		

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	2	21	16	0
2	2	0	2	23	24	8
3	2	0	1	40	31	30
4	4	0	1	40	34	25
5	9	0	0	28	33	26
6	10	0	2	16	30	28
7	12	0	1	12	40	30
8	10	0	1	10	40	24
9	12	0	3	10	39	20
10	8	0	4	28	40	17
11	1	0	2	30	43	16
12	2	0	6	26	61	18
13	1	0	7	38	62	21
14	2	0	4	33	61	10
15	4	0	3	19	59	6
16	3	0	4	16	44	4
17	3	0	4	14	37	4
18	2	0	4	16	30	1
19	2	0	10	26	13	0
20	3	0	14	32	2	0
21	3	0	21	27	4	0
22	2	0	19	2	24	1
23	2	0	12	0	40	1
24	1	0	4	5	42	1
25	1	0	2	8	11	1
26	1	0	14	10	5	1
27	0	0	30	5	5	1
28	0	1	28	16	0	1
29	0	3	27	9	0	1
30	0	2	21	8	0	1
31	0	2	—	10	0	—
Mean	3	0	8	19	28	10
Max.	12	3	30	40	62	30
Min.	0	0	0	0	0	0
A.F.	210	20	500	1160	1720	590
Water diverted	4200		Acreage reported			
			D-649 4660			

COLUMBUS POWER CANAL from Loup River  
Measured through section of canal--Sec. 6-16-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1750	2090	1290	45	626	82	970	2360	2070	1620	2320	1240
2	1710	2200	2140	40	120	169	1150	2250	2230	1920	2240	1160
3	1740	2420	2100	35	264	499	1260	2180	2140	2030	2260	1170
4	1760	2410	2110	45	546	723	1310	2250	1980	2500	2290	1170
5	1740	2220	2110	283	541	765	1720	2180	1850	2240	2140	1510
6	1760	2240	2080	513	139	1310	1620	2080	1860	1970	2030	1500
7	1990	2080	2150	214	284	492	1430	2100	1990	1840	1880	1400
8	2310	2190	1750	532	90	477	1350	2170	1970	1840	1670	1470
9	2270	2190	1700	1070	110	733	1310	2280	1900	2420	1570	1470
10	2320	2160	1440	1430	250	1750	1360	2130	1890	2680	1400	1440
11	2230	2090	73	1630	90	1910	1320	1970	1880	3190	1300	1400
12	2120	2040	55	1660	100	1910	1320	1880	2000	3200	1210	1410
13	2030	2060	524	1810	60	1620	1310	1900	2660	2380	1200	1420
14	2120	2110	560	972	60	2020	1320	2350	2620	2220	1070	1380
15	2130	2120	1240	462	60	2030	1410	3320	2260	2380	1030	1370
16	2840	2260	1930	984	60	2030	1420	3020	2180	2000	962	2190
17	2770	2440	2440	1620	120	1870	1440	2760	2150	1950	1470	2000
18	2480	2180	2360	1500	130	1750	1550	2260	1990	1830	1240	1860
19	2280	1040	2460	490	140	1570	1620	2090	1960	2890	1160	1720
20	2270	2080	2410	315	190	1700	1830	2050	1940	3160	1210	1660
21	2590	1430	2260	341	388	1770	1900	2040	2030	3170	1160	1610
22	2910	750	2210	608	535	1700	1990	2080	2100	3230	1090	1650
23	2760	1260	2160	1100	778	1570	2110	1870	2220	3320	1310	1660
24	2680	2160	1810	970	1280	1950	2440	1980	2340	3220	1800	1540
25	2690	2110	2160	1660	1670	2090	2590	1770	2140	3180	2230	1550
26	2800	2050	1710	1620	1640	1940	2560	1740	2090	3270	1610	1560
27	2390	2120	2080	970	1840	1710	2520	1730	1980	2900	1470	1640
28	2240	2200	1900	729	178	1580	2730	2430	1850	2970	1340	1520
29	2150	2160	1060	699	---	1350	2770	2540	1720	2780	1280	1570
30	2160	943	76	696	---	1380	2590	2410	1580	2560	1280	1520
31	2140	---	55	414	---	1160	---	2220	---	2420	1240	---
Mean	2262	1993	1626	821	438	1410	1741	2210	2052	2557	1531	1525
Max.	2910	2440	2460	1810	1840	2090	3320	2660	3320	2320	2320	2190
Min.	1710	750	55	35	60	82	970	1730	1580	1620	962	1160
A.F.	139100	118600	99970	50490	24340	86700	103600	135900	122100	157200	94140	90760
Water diverted	1223000 A.F.											

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	2.1	2.6	0.0	1.9	1.3	3.5	2.6
2	2.1	2.6	0.0	1.8	1.3	3.6	2.6
3	2.2	2.6	0.0	1.7	1.3	3.5	2.5
4	2.2	2.6	0.0	1.6	1.4	3.7	2.5
5	2.2	2.4	0.0	1.6	1.6	4.2	2.6
6	2.2	1.2	0.0	1.4	1.5	4.4	2.7
7	2.3	0.0	0.0	1.3	1.3	4.1	2.7
8	2.2	0.0	0.0	1.2	0.9	3.8	2.7
9	2.2	0.0	0.0	1.2	1.0	3.8	2.5
10	2.2	0.0	0.0	0.9	1.4	3.6	2.6
11	2.3	0.0	0.0	1.3	1.5	3.6	2.4
12	2.3	0.0	0.0	2.1	1.6	3.5	1.9
13	2.4	0.0	0.0	2.1	1.6	3.4	1.5
14	2.4	0.0	0.0	2.1	1.6	3.3	2.6
15	2.5	0.0	0.0	1.8	1.6	3.4	2.6
16	2.6	0.0	0.0	1.6	1.6	3.7	2.5
17	2.6	0.0	0.0	1.6	1.7	3.5	2.6
18	2.6	0.0	0.0	1.6	2.1	3.5	1.7
19	2.8	0.0	0.0	1.5	0.8	3.5	1.5
20	3.0	0.0	0.0	1.6	0.3	3.7	1.3
21	3.0	0.0	0.0	1.6	0.5	3.2	1.2
22	2.8	0.0	0.8	1.5	2.2	3.2	1.2
23	2.7	0.0	2.2	1.2	2.8	3.4	1.4
24	2.6	0.0	1.9	1.2	2.8	3.9	1.9
25	2.8	0.0	1.9	1.1	2.8	3.7	1.9
26	2.8	0.0	1.7	1.0	2.9	3.4	1.9
27	2.8	0.0	1.6	1.0	3.0	3.4	2.0
28	2.9	0.0	2.2	1.2	3.1	3.1	2.1
29	2.9	0.0	2.0	1.3	3.1	2.7	2.1
30	2.8	0.0	1.7	1.3	3.4	2.6	1.1
31	2.7	---	1.6	---	3.4	2.6	---
Mean	2.5	0.5	0.6	1.5	1.9	3.5	2.1
Max.	3.0	2.6	2.2	2.1	3.4	4.4	2.7
Min.	2.1	0.0	0.0	0.9	0.3	2.6	1.1
A.F.	150	30	30	90	110	220	130
Water diverted	760 A.F.						

Acres reported  
D-980 162

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	19	0	16	0	19	9
2	19	0	16	20	20	14
3	18	0	16	20	21	16
4	18	0	16	18	17	20
5	19	0	16	16	17	23
6	19	0	17	14	16	11
7	20	0	16	13	15	3
8	20	0	16	24	15	12
9	19	0	16	31	16	12
10	19	21	14	29	15	3
11	19	19	15	25	12	0
12	19	16	20	23	12	0
13	18	18	19	22	12	0
14	16	19	18	19	18	0
15	14	20	16	19	15	0
16	12	21	15	20	17	0
17	10	20	16	21	21	0
18	6	13	17	21	18	0
19	4	16	19	47	19	0
20	4	16	19	37	20	0
21	4	14	20	24	16	0
22	1	15	21	24	15	14
23	0	14	15	21	16	17
24	0	16	11	18	15	11
25	0	18	6	19	15	15
26	0	19	0	20	15	14
27	0	19	0	20	14	17
28	0	17	0	20	12	8
29	0	15	0	19	12	2
30	0	14	0	19	11	2
31	0	16	-	18	9	-
Mean	10	12	14	21	16	7
Max.	20	21	21	40	21	23
Min.	0	0	0	0	9	0
A.F.	630	760	810	1300	960	440
Water diverted	4900 A.F.					
Acres reported	D-840,1028 1462					

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	33	0	64	27	69	73	62
2	67	0	170	25	76	76	62
3	140	0	203	23	78	78	79
4	267	0	203	23	78	111	87
5	328	0	260	32	84	155	56
6	332	0	369	39	84	180	46
7	351	0	518	40	68	172	43
8	343	0	558	40	63	145	40
9	416	0	558	40	63	165	38
10	474	0	566	63	63	167	32
11	589	0	566	80	64	167	24
12	647	0	522	97	63	167	25
13	647	0	444	102	63	179	24
14	678	0	434	106	64	196	24
15	700	0	434	105	64	215	25
16	700	116	388	104	64	217	23
17	685	189	348	105	45	191	19
18	685	116	333	108	17	183	22
19	692	0	274	108	17	171	24
20	692	0	124	105	16	158	24
21	700	0	0	108	16	150	22
22	692	0	0	106	17	146	22
23	685	0	0	108	19	98	25
24	692	0	0	81	23	76	25
25	647	0	0	66	24	75	25
26	335	0	0	57	31	63	25
27	210	0	0	67	32	60	25
28	172	0	0	67	33	60	26
29	154	0	0	68	59	60	10
30	55	0	15	71	74	60	0
31	0	-	27	-	74	63	-
Mean	445	14	238	73	52	132	33
Max.	700	189	566	108	84	217	87
Min.	0	0	0	23	16	60	0
A.F.	27390	840	14630	4330	3180	8090	1950
Water diverted							
60410 A.F.						Acres reported	
						A-4222	1555
						A-6224	113
						Total	1668

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.	
1	0	81	70	117	99	
2	0	80	59	125	98	
3	0	84	45	157	98	
4	0	78	28	178	98	
5	0	74	52	213	93	
6	0	80	54	246	76	
7	0	81	49	211	67	
8	0	81	56	180	67	
9	0	81	62	208	63	
10	0	89	6	215	58	
11	0	78	0	222	50	
12	0	52	0	222	46	
13	0	75	0	220	48	
14	0	72	27	226	46	
15	0	58	45	195	42	
16	0	61	47	147	42	
17	0	59	51	119	43	
18	0	57	46	138	39	
19	0	72	0	86	39	
20	0	64	0	69	35	
21	0	72	0	70	32	
22	0	70	0	74	34	
23	18	60	0	74	14	
24	20	28	0	68	0	
25	29	0	0	67	11	
26	34	0	0	71	35	
27	43	0	0	74	31	
28	56	28	37	74	29	
29	68	62	71	79	29	
30	80	57	81	78	13	
31	78	-	93	89	-	
Mean	14	61	32	139	49	
Max.	80	89	93	246	99	
Min.	0	0	0	67	0	
A.F.	840	3640	1940	8550	2930	
Water diverted						
17900 A.F.					Acres reported	
					D-626	20170
						Sutherland Storage included

DAILY DIVERSIONS OF CANALS--1958

CHESSENT LAKE OUTLET To Blue Creek  
Sec. 21-20-44 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	4
2	0	0	0	0	4
3	0	0	0	0	3
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	19	0
9	0	0	0	33	0
10	0	0	0	31	0
11	0	0	0	29	0
12	0	0	0	28	0
13	0	0	0	27	0
14	0	0	0	26	0
15	0	0	0	24	0
16	0	0	0	15	0
17	0	0	0	5	0
18	0	0	0	5	0
19	0	0	0	5	0
20	0	0	0	5	0
21	0	0	0	5	0
22	0	0	0	5	0
23	0	0	0	5	0
24	0	0	0	5	0
25	0	0	0	5	0
26	0	0	0	5	0
27	0	0	0	5	0
28	0	0	0	5	0
29	0	0	0	5	0
30	0	0	0	5	0
31	0	-	-	4	-
Mean	0	0	0	10	0.4
Max.	0	0	0	33	4
Min.	0	0	0	0	0
A.F.	0	0	0	610	20
Water withdrawn		630 A.F.			

DAILY DIVERSIONS OF CANALS--1958

GULEBERTSON CANAL from Frenchman River  
Measured through rating flume--Sec. 31-5-33 W.

Date	Oct.	May	June	July	Aug.	Sept.	
1	92	0	42	104	118	118	
2	108	0	41	109	116	118	
3	103	0	41	107	112	119	
4	100	0	52	106	105	120	
5	98	34	65	102	103	120	
6	100	49	60	101	115	120	
7	102	41	55	103	120	121	
8	101	40	55	102	114	123	
9	52	40	71	91	112	123	
10	0	41	71	97	117	123	
11	0	40	84	100	120	122	
12	0	45	91	101	116	124	
13	0	37	97	100	120	124	
14	0	12	100	104	122	122	
15	0	16	99	104	120	120	
16	0	17	94	103	125	121	
17	0	19	97	105	118	122	
18	0	18	57	104	119	118	
19	0	24	88	130	115	110	
20	0	23	84	95	118	104	
21	0	30	68	81	122	107	
22	0	34	49	61	119	106	
23	0	38	46	82	118	110	
24	0	37	45	81	122	114	
25	0	32	41	94	119	115	
26	0	34	71	103	118	115	
27	0	38	85	106	116	115	
28	0	37	86	110	117	104	
29	0	36	95	116	115	105	
30	0	36	101	116	118	46	
31	0	42	-	117	121	-	
Mean	28	29	72	101	117	114	
Max.	108	49	101	138	125	124	
Min.	0	0	41	61	103	46	
A.F.	1700	1780	4310	6240	7210	6800	
Water diverted							
28040 A.F.						Acres reported	
						D-24, 25, 29 & 30	9291

Measured through Parshall flume—Sec. 7-10-23 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	36	0	26	119	189	230
2	21	0	73	214	157	230
3	20	0	134	214	183	238
4	18	0	139	172	278	247
5	17	0	113	157	369	249
6	18	0	104	203	376	236
7	6	0	106	201	374	226
8	0	0	66	170	410	222
9	0	0	29	232	379	209
10	0	0	23	61	342	195
11	0	0	73	49	405	197
12	0	0	100	18	379	185
13	0	0	38	14	413	181
14	0	0	31	44	389	185
15	0	0	26	130	407	179
16	0	0	51	136	384	172
17	0	0	149	139	382	177
18	0	0	158	125	382	185
19	0	0	155	38	362	175
20	0	0	112	16	336	175
21	0	0	112	16	197	172
22	0	0	122	12	205	166
23	0	0	122	11	280	155
24	0	0	132	7	272	146
25	0	0	148	18	265	139
26	0	0	155	52	212	124
27	0	0	172	60	172	130
28	0	0	168	83	236	124
29	0	5	127	155	226	120
30	0	12	118	148	205	118
31	0	12	—	175	209	—
Mean	4	1	103	106	302	183
Max.	36	12	172	214	413	249
Min.	0	0	23	7	157	118
A.F.	270	60	6110	6520	18600	10870

Water diverted 12130 A.F.  
 Acreage reported D621-500, D622-57699, D624-3040,  
 A2039-5033, A2093-213, A2110-13859, A2145-985,  
 A2262-890.  
 Total 82219  
 Sutherland Storage included

BARNETT CANALS NO. 1 & 2—Combined flow—North & South  
 from Niobrara River—Measured through rating flumes  
 Sec. 9-29-56 W.

Date	May	June	July	Aug.	Sept.
1	0	5	4	3	3
2	0	5	3	3	3
3	0	5	2	3	4
4	0	6	4	4	3
5	0	6	4	4	4
6	0	6	4	3	4
7	0	5	4	3	4
8	0	5	4	3	4
9	0	4	4	4	4
10	0	5	4	4	4
11	0	5	4	4	4
12	0	5	4	4	4
13	0	4	4	4	4
14	0	4	3	4	4
15	0	4	3	4	3
16	0	4	3	4	4
17	0	4	3	4	4
18	0	1	3	4	2
19	0	3	3	2	0
20	0	4	3	0	0
21	0	4	3	3	0
22	0	3	3	5	0
23	0	3	3	4	0
24	0	4	3	3	0
25	0	4	3	3	0
26	0	4	3	3	0
27	0	4	3	3	0
28	0	4	3	2	0
29	2	3	3	3	0
30	6	3	3	4	0
31	5	—	3	4	—
Mean	0.4	4	3	3	2
Max.	6	6	4	5	4
Min.	0	1	2	0	0
A.F.	30	250	200	210	130

Water diverted 820 A.F.  
 Acreage reported  
 D-514a 190  
 D-514b 150  
 Total 340

DAILY DIVERSIONS OF CANALS—1958

BLM CREEK CANAL from Platte River  
 Measured through Parshall Flume—Sec. 5-8-19 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	21	0	0	32	17	22
2	26	0	0	20	15	22
3	15	0	0	37	13	14
4	6	0	0	45	7	10
5	12	0	0	37	7	9
6	20	0	0	33	19	18
7	22	0	8	44	32	25
8	13	0	8	37	36	27
9	11	0	26	35	40	27
10	12	0	27	24	37	27
11	13	0	16	27	38	19
12	13	0	8	30	45	20
13	11	0	0	34	40	32
14	11	0	0	33	37	27
15	4	0	0	29	40	26
16	0	0	0	25	37	33
17	0	0	0	25	35	31
18	0	0	0	24	33	32
19	0	0	16	12	33	30
20	0	0	28	5	28	20
21	0	0	33	5	30	24
22	0	0	26	6	25	32
23	0	0	27	6	22	26
24	0	0	28	6	20	22
25	0	0	27	6	16	24
26	0	0	33	12	18	9
27	0	0	32	24	14	10
28	0	0	24	33	15	11
29	0	0	32	26	24	11
30	0	0	34	19	19	4
31	0	0	—	20	24	—
Mean	7	0	14	24	26	22
Max.	26	0	34	45	45	33
Min.	0	0	0	5	7	4
A.F.	420	0	860	1490	1620	1280

Water diverted 5620 A.F.  
 Acreage report  
 not submitted

DAILY DIVERSIONS OF CANALS—1958

EMPIRE CANAL from North Platte River via Belmont Canal  
 Measured through 4-foot Parshall flume—Sec. 20-20-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	5	0	0	22	17	15
2	12	0	0	17	16	16
3	11	0	0	19	20	15
4	11	0	0	16	20	16
5	10	0	0	19	19	16
6	10	0	0	19	19	14
7	10	0	0	18	20	13
8	9	0	0	15	19	12
9	2	0	0	12	19	12
10	0	0	0	4	19	12
11	0	0	0	2	19	11
12	0	0	0	0	19	11
13	0	0	0	4	19	11
14	0	0	0	6	15	10
15	0	0	0	6	15	9
16	0	0	0	7	15	7
17	0	0	0	7	14	5
18	0	0	0	6	14	5
19	0	0	0	0	16	7
20	0	0	0	0	3	7
21	0	0	0	0	0	8
22	0	0	0	0	0	8
23	0	0	0	0	0	8
24	0	0	0	3	0	8
25	0	0	0	4	0	8
26	0	0	0	2	10	9
27	0	0	0	2	15	8
28	0	0	0	9	15	8
29	0	0	15	15	15	6
30	0	0	18	18	15	3
31	0	0	—	19	15	—
Mean	3	0	1	9	14	13
Max.	12	0	18	22	20	16
Min.	0	0	0	0	0	3
A.F.	150	0	80	540	840	590

Water diverted 2210 A.F.  
 Acreage reported  
 D-513 1549  
 A-206 75  
 Total 1624



DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	82	0	86	73	66	72
2	82	33	67	70	64	74
3	79	59	52	72	65	71
4	70	59	51	76	68	70
5	65	59	47	66	68	70
6	72	58	53	55	72	64
7	80	57	73	66	76	60
8	47	59	67	31	78	63
9	0	58	49	0	78	61
10	0	39	39	0	78	61
11	0	34	37	63	80	61
12	0	49	34	80	77	62
13	0	45	34	79	77	61
14	0	57	34	80	75	61
15	0	60	48	80	76	61
16	0	63	53	80	78	61
17	0	69	53	91	80	60
18	0	76	51	88	74	59
19	0	80	62	87	73	60
20	0	76	48	92	75	58
21	0	69	32	97	76	57
22	0	73	32	87	76	58
23	0	93	34	88	76	57
24	0	92	53	93	81	58
25	0	71	77	94	77	60
26	0	80	75	94	70	63
27	0	79	71	99	67	64
28	0	82	71	99	69	64
29	0	90	70	85	69	64
30	0	92	71	69	67	69
31	0	84	--	67	69	--
Mean	19	64	54	74	73	63
Max.	82	93	86	99	81	74
Min.	0	0	32	0	65	57
A.F.	1150	3960	3220	4560	4510	3740

Water diverted  
21140 A.F.  
Glendo Storage included

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	0	2	6
2	3	0	0	0	2	6
3	2	0	0	0	2	5
4	2	0	0	0	3	5
5	2	0	0	0	3	5
6	2	0	1	0	3	5
7	2	0	1	0	3	5
8	2	0	1	1	3	5
9	0	0	1	1	4	5
10	0	0	1	1	4	5
11	0	0	1	1	4	5
12	0	0	1	1	4	5
13	0	0	1	1	4	5
14	0	0	1	1	4	4
15	0	0	1	1	5	4
16	0	0	1	1	6	4
17	0	0	1	1	6	4
18	0	0	1	1	6	4
19	0	0	1	1	6	3
20	0	0	1	1	6	3
21	0	0	1	1	6	3
22	0	0	1	1	6	3
23	0	0	1	2	6	3
24	0	0	0	2	6	3
25	0	0	0	2	6	3
26	0	0	0	2	6	3
27	0	0	0	2	6	3
28	0	0	0	2	6	3
29	0	0	0	2	6	3
30	0	0	0	2	6	2
31	0	0	--	2	6	--
Mean	1	0	1	1	5	4
Max.	3	0	1	2	6	6
Min.	0	0	0	0	2	2
A.F.	30	0	40	70	290	240

Water diverted  
670 A.F.

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	16	0
2	0	0	0	0	16	0
3	0	0	0	11	16	0
4	0	0	0	0	15	0
5	0	0	0	0	16	0
6	0	0	0	0	19	0
7	0	0	0	0	20	0
8	0	0	0	0	20	0
9	0	0	0	2	20	0
10	0	0	0	7	16	0
11	0	0	0	4	16	0
12	0	0	0	0	19	0
13	0	0	0	3	17	0
14	0	0	1	7	19	0
15	0	0	1	11	16	0
16	0	0	3	7	9	0
17	0	0	1	0	11	0
18	0	0	0	0	16	0
19	0	0	0	0	19	0
20	0	0	0	0	15	0
21	0	0	0	0	7	0
22	0	0	0	0	12	0
23	0	0	0	0	14	0
24	0	0	0	0	4	0
25	0	0	0	0	0	0
26	0	0	0	0	3	0
27	0	0	0	0	5	0
28	0	0	0	0	5	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	--	6	0	--
Mean	0	0	0.2	2	12	0
Max.	0	0	3	11	20	0
Min.	0	0	0	0	0	0
A.F.	0	0	10	110	760	0

Water diverted  
880 A.F.

DAILY DIVERSIONS OF CANALS--1958

ENTERPRISE CANAL from Wet Spotted Tail Creek  
Sec. 22-23-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	3	7	6	10	14
2	10	3	7	6	10	15
3	10	3	7	6	11	15
4	10	3	7	7	11	15
5	10	3	7	7	11	15
6	10	3	7	7	11	15
7	10	4	6	7	11	15
8	10	4	6	8	12	15
9	0	4	6	8	12	15
10	0	4	6	8	12	15
11	0	4	6	8	12	15
12	0	4	6	9	12	15
13	0	4	6	9	12	15
14	0	4	6	9	12	14
15	0	4	6	9	12	14
16	0	5	6	9	12	14
17	0	5	6	9	13	14
18	0	5	6	9	13	14
19	0	5	6	9	13	13
20	0	6	6	9	13	13
21	0	6	6	9	13	13
22	0	6	6	9	14	13
23	0	6	6	10	14	13
24	0	7	6	10	14	13
25	0	7	6	10	14	13
26	0	7	6	10	14	13
27	0	7	6	10	14	13
28	0	7	6	10	14	13
29	0	7	6	10	14	13
30	0	7	6	10	14	13
31	0	7	--	10	14	--
Mean	3	5	6	9	13	14
Max.	10	7	7	10	14	15
Min.	0	3	6	6	10	13
A.F.	160	310	370	530	770	830

Water diverted  
2970 A.F.

DAILY DIVERSIONS OF CANALS--1958

ENTERPRISE CANAL  
Summary in Acre-feet--1958

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	1150	3960	3220	4560	4510	3740	21140
Wet Spotted Tail.....	160	310	370	530	770	830	2970
Merrill Drain.....	30	0	40	70	290	240	670
Tub Springs.....	0	0	10	110	760	0	880
<b>Total diversion.....</b>	<b>1340</b>	<b>4270</b>	<b>3640</b>	<b>5270</b>	<b>6330</b>	<b>4810</b>	<b>25660</b>
Water diverted.....							
25660 A.F.						Acreage reported	
						D-920	7516

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	6	0	0
2	0	0	5	0	0
3	0	0	5	0	0
4	0	0	4	0	0
5	0	0	4	0	0
6	0	0	6	0	0
7	0	0	3	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	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	5	0	0	0
27	0	12	0	0	0
28	0	12	0	0	0
29	0	12	0	0	0
30	0	9	0	0	0
31	0	-	0	0	-
Mean	0	2	1	0	0
Max.	0	12	6	0	0
Min.	0	0	0	0	0
A.F.	0	130	60	0	0
Water diverted					
190 A.F.				Acreage reported	
				D-461	290
				A-5181	76
				<b>Total</b>	<b>366</b>

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	1	1	0	0
2	0	1	2	0	0
3	0	1	3	0	0
4	0	2	3	0	0
5	0	2	3	0	0
6	0	2	3	0	0
7	0	2	2	0	0
8	0	2	3	0	0
9	0	2	4	0	0
10	0	1	4	0	0
11	0	1	4	0	0
12	0	1	2	0	0
13	0	1	0	0	0
14	0	1	0	0	0
15	0	2	0	0	0
16	0	2	0	0	0
17	0	3	0	0	0
18	0	3	0	0	0
19	0	3	0	0	0
20	0	5	0	0	0
21	0	5	0	0	0
22	0	5	0	0	0
23	0	5	0	0	0
24	0	5	0	0	0
25	0	5	0	0	0
26	0	5	0	0	0
27	0	3	0	0	0
28	2	2	0	0	0
29	4	2	0	0	0
30	1	1	0	0	0
31	1	-	0	0	-
Mean	0	3	1	0	0
Max.	4	5	4	0	0
Min.	0	1	0	0	0
A.F.	20	150	70	0	0
Water diverted					
240 A.F.				Acreage reported	
				D-568	200
				A-2264	136
				<b>Total</b>	<b>336</b>

DAILY DIVERSIONS OF CANALS--1958

FORSILING-KINNEY CANAL from Lodgepole Creek  
Measured through rating flume--Sec. 33-15-56 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	1
2	0	0	0	0	2
3	0	0	0	0	2
4	0	0	0	0	2
5	0	1	0	0	2
6	0	1	0	0	2
7	0	1	0	0	1
8	0	1	0	0	0
9	0	1	0	0	1
10	0	1	0	0	1
11	0	1	0	0	1
12	0	1	0	0	2
13	0	1	0	0	2
14	0	1	0	1	1
15	0	1	0	1	1
16	0	1	0	1	1
17	0	1	0	1	1
18	0	1	0	1	1
19	0	1	0	1	1
20	0	1	0	1	1
21	0	1	0	1	1
22	0	0	0	2	1
23	0	0	0	1	1
24	0	0	0	1	0
25	0	0	0	1	0
26	0	0	0	1	0
27	0	0	0	1	0
28	0	0	0	1	0
29	0	0	0	2	0
30	0	0	0	2	0
31	0	0	0	2	0
Mean	0	1	0	1	1
Max.	0	1	0	2	2
Min.	0	0	0	0	0
A.F.	0	30	0	40	60
Water diverted	130 A.F.		Acreage reported		
			D-348	182	
			A-718	54	
			Total	236	

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	781	1067	1502	1474
2	0	713	1101	1502	1499
3	0	699	1107	1505	1505
4	0	733	1109	1508	1505
5	0	771	1067	1508	1461
6	0	813	998	1505	1400
7	0	856	1009	1502	1385
8	0	892	1109	1505	1367
9	0	818	1151	1505	1322
10	0	682	1151	1505	1301
11	0	685	1237	1505	1301
12	0	687	1343	1505	1278
13	0	687	1415	1505	1255
14	0	687	1505	1508	1252
15	0	692	1502	1505	1252
16	0	692	1502	1505	1252
17	0	697	1502	1502	1223
18	0	742	1483	1502	1202
19	0	737	1400	1502	1202
20	86	740	1382	1499	1205
21	500	740	1382	1499	1200
22	504	747	1388	1502	1200
23	504	742	1361	1502	1200
24	506	749	1400	1505	1202
25	506	749	1400	1508	1151
26	544	754	1400	1505	974
27	598	776	1400	1505	697
28	600	851	1415	1502	344
29	600	936	1489	1505	0
30	603	1001	1505	1495	0
31	646	---	1505	1474	---
Mean	200	762	1316	1503	1154
Max.	646	1001	1505	1508	1505
Min.	0	682	998	1474	0
A.F.	12290	45320	80900	92400	68650
Water diverted	299560 A.F.		Acreage reported		
			A-768 Neb	54846	
			Pathfinder Storage included	A-768 Wyo	50210
			Total	105056	

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	22	0	130	48
2	0	0	28	32	134	52
3	0	0	32	52	142	59
4	0	0	32	52	158	59
5	0	0	32	52	164	56
6	0	0	36	52	115	49
7	0	0	41	52	74	48
8	0	0	41	63	74	48
9	0	0	41	73	74	42
10	0	0	41	73	74	39
11	0	0	41	69	86	39
12	0	0	46	59	102	39
13	0	0	53	59	111	38
14	0	0	54	59	120	38
15	0	0	54	59	122	38
16	0	0	54	59	110	35
17	0	0	54	49	105	30
18	0	0	54	40	96	30
19	0	0	53	40	76	30
20	0	0	53	40	67	30
21	0	0	54	40	55	30
22	0	0	54	40	48	30
23	0	0	49	40	48	30
24	0	0	40	45	48	30
25	0	0	40	54	48	36
26	0	0	40	62	48	39
27	0	0	40	62	48	39
28	0	0	40	72	48	38
29	0	9	40	90	48	38
30	0	23	14	101	48	26
31	0	22	---	120	48	---
Mean	0	2	42	57	86	39
Max.	0	23	54	120	164	59
Min.	0	0	14	0	48	26
A.F.	0	110	2520	3490	5290	2350
Water diverted	13760 A.F.					
Acreage reported	A2691a-4652, A2691b-3176, A-4216-2114, A6221-183, A8259-146. Total 10271.					

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	39	0
2	0	0	0	38	0
3	0	0	0	36	0
4	0	0	0	37	0
5	0	0	0	39	0
6	0	0	0	24	0
7	0	0	0	14	0
8	0	0	0	15	0
9	0	0	0	14	0
10	0	0	0	14	0
11	0	0	0	14	0
12	0	0	0	15	0
13	0	0	0	15	0
14	0	0	8	21	0
15	0	0	12	10	0
16	0	0	6	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	10	0	0
30	0	0	24	0	0
31	0	0	35	0	0
Mean	0	0	3	11	0
Max.	0	0	35	39	0
Min.	0	0	0	0	0
A.F.	0	0	190	680	0
Water diverted	870 A.F.		Acreage reported		
			A-4227	1945	
			A-6222	183	
			Total	2128	

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	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	0	0	0
7	0	2	0	0	0
8	0	2	0	0	0
9	0	2	0	0	0
10	0	2	0	1	0
11	0	2	0	3	0
12	0	4	0	2	0
13	0	4	0	2	0
14	0	4	0	2	0
15	0	3	0	4	0
16	0	4	0	4	0
17	0	3	0	3	0
18	0	3	0	3	0
19	0	2	0	2	0
20	0	4	0	3	0
21	0	2	0	3	0
22	0	0	0	3	0
23	0	0	0	3	0
24	0	0	0	3	0
25	0	0	0	4	0
26	0	0	0	4	0
27	1	0	0	3	0
28	1	0	0	0	0
29	1	0	0	1	0
30	1	0	0	0	0
31	0	-	0	0	-
Mean	0.1	2	0	2	0
Max.	1	4	0	4	0
Min.	0	0	0	0	0
A.F.	10	90	0	110	0
Water diverted	210 A.F.		Acres reported D-462 255		

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	107	116	207	223
2	0	104	116	203	230
3	0	92	115	208	186
4	0	87	214	205	170
5	0	90	118	207	242
6	0	90	123	208	148
7	0	89	125	212	138
8	0	85	121	208	111
9	0	101	120	206	95
10	0	90	127	203	111
11	0	81	123	203	118
12	0	26	120	201	118
13	0	23	129	200	116
14	0	28	188	203	104
15	0	29	179	201	114
16	0	29	171	201	111
17	0	28	186	218	127
18	0	28	189	223	127
19	0	29	195	222	127
20	0	24	182	222	81
21	0	24	188	230	81
22	0	20	163	234	81
23	0	22	151	234	81
24	0	26	157	235	88
25	0	28	161	235	73
26	0	29	162	242	76
27	0	29	163	238	76
28	0	34	162	230	73
29	0	34	162	225	0
30	78	99	165	226	0
31	105	-	208	228	-
Mean	6	54	155	217	114
Max.	105	107	214	242	242
Min.	0	20	115	200	0
A.F.	360	3180	9520	13320	6800
Water diverted	33180 A.F.		Acres reported A-365 R 14310		
Pathfinder Storage included					

DAILY DIVERSIONS OF CANALS--1958

GOTHEBURG CANAL from Platte River for Power and Irrigation  
Measured through Parshall Flume--Sec. 28-12-26 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	98	122	137	53	152	0	154	81	188	227	244	256
2	122	141	140	64	31	0	162	170	180	244	291	257
3	105	128	138	72	0	60	122	151	190	175	318	250
4	99	119	155	79	17	100	95	152	213	141	354	242
5	132	117	147	80	67	100	126	141	201	165	376	235
6	116	143	137	128	76	90	134	140	224	113	401	257
7	109	128	154	105	98	140	126	168	206	112	426	252
8	102	120	102	100	80	140	143	141	197	162	447	226
9	122	143	109	115	40	130	123	143	187	213	454	237
10	116	128	116	141	42	110	151	155	208	159	456	263
11	120	115	108	143	107	140	137	128	201	116	447	252
12	197	119	124	146	120	140	138	120	134	155	456	229
13	162	155	78	151	120	150	143	160	170	151	454	259
14	132	135	116	149	137	140	144	167	175	135	468	250
15	160	170	117	146	124	150	151	152	125	98	428	233
16	138	209	123	155	110	140	151	134	112	143	412	235
17	152	132	128	140	79	140	141	175	97	108	412	222
18	154	128	155	116	135	134	147	149	141	97	380	201
19	162	128	126	82	141	128	152	129	129	135	356	206
20	137	143	119	99	127	125	135	162	128	137	334	173
21	137	112	132	110	92	120	146	163	157	138	289	138
22	141	90	116	108	75	132	154	144	108	144	287	119
23	146	113	112	78	74	138	163	151	82	157	326	116
24	129	137	112	97	78	141	162	165	70	182	235	119
25	140	137	112	108	72	143	151	137	98	208	172	119
26	173	135	106	113	66	120	170	170	86	209	134	123
27	122	141	110	126	27	109	159	195	105	182	233	119
28	99	122	109	126	0	152	149	163	108	149	231	95
29	105	126	103	128	-	126	151	160	106	152	218	94
30	151	126	102	129	-	134	165	185	128	238	241	140
31	132	-	126	132	-	141	-	217	-	213	252	-
Mean	133	132	122	114	82	120	145	154	148	160	341	197
Max.	197	209	155	155	152	152	170	217	224	244	468	263
Min.	98	90	78	53	0	0	95	81	70	97	134	94
A.F.	8150	7860	7480	6980	4540	7360	8620	9460	8830	9870	20970	11740
Water diverted	111920 A.F.											

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	63	121	109	68	136	2	131	80	153	105	117	136
2	56	122	119	56	74	2	133	153	150	151	131	137
3	67	130	122	48	26	8	132	154	144	139	151	138
4	55	117	124	69	25	53	103	149	144	57	138	136
5	56	114	135	72	9	93	112	147	143	74	138	136
6	59	119	133	92	43	90	124	127	131	78	114	131
7	81	125	133	110	63	79	102	144	148	51	135	141
8	104	114	81	95	51	124	134	150	147	80	147	135
9	94	124	100	127	43	127	139	147	135	153	146	111
10	108	126	117	136	25	119	138	147	155	139	149	126
11	110	131	39	147	94	104	139	135	145	123	147	136
12	122	132	87	147	110	131	139	112	98	127	141	101
13	118	123	94	147	125	132	139	139	131	127	141	122
14	114	114	108	150	130	139	139	165	137	139	147	141
15	134	125	105	147	104	128	138	159	105	99	149	144
16	135	167	139	147	114	133	138	160	85	96	112	144
17	130	145	131	146	91	123	137	149	67	114	139	147
18	136	132	132	139	100	126	137	159	64	77	139	145
19	143	123	135	86	138	116	143	151	102	131	139	124
20	139	131	126	67	137	131	142	147	68	139	139	113
21	134	122	114	104	141	126	142	148	96	129	126	96
22	128	86	130	94	141	122	142	147	96	145	107	79
23	130	98	117	78	143	129	147	146	47	118	134	51
24	128	130	97	79	143	128	149	149	23	146	148	52
25	135	137	88	105	143	135	153	143	11	135	138	60
26	146	139	114	101	141	140	152	143	15	139	16	63
27	141	141	114	119	67	68	151	156	41	133	100	54
28	139	143	113	119	2	112	151	151	58	77	143	43
29	124	142	114	121	-	139	152	122	35	77	139	31
30	127	131	80	119	-	136	151	145	31	131	131	41
31	127	---	65	134	-	127	---	147	---	143	137	---
Mean	112	127	110	109	91	107	138	144	97	115	132	107
Max.	146	167	139	150	143	140	153	165	153	151	151	147
Min.	55	86	39	48	2	2	102	80	11	51	16	31
A.F.	6910	7550	6770	6680	5080	6590	8190	8870	5760	7080	8090	6370

Water returned  
83940 A.F.

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	22	0	2	99	102	91
2	54	0	0	60	132	91
3	24	0	14	6	134	82
4	32	0	37	71	186	77
5	64	0	26	75	208	70
6	44	0	65	18	262	98
7	11	0	25	50	262	81
8	0	0	18	65	268	62
9	7	0	23	27	276	102
10	0	0	19	0	274	110
11	0	0	24	0	268	87
12	51	0	14	1	285	106
13	18	0	11	0	283	111
14	0	0	9	0	289	79
15	0	0	0	0	242	57
16	0	0	9	26	276	59
17	0	0	16	0	243	43
18	0	0	63	4	211	24
19	0	0	5	0	227	55
20	0	0	45	0	165	35
21	0	0	40	0	136	17
22	0	0	0	0	157	27
23	0	0	24	12	163	54
24	0	0	43	4	54	56
25	0	0	85	44	4	46
26	0	0	68	40	115	47
27	0	0	55	21	111	54
28	0	0	37	60	56	43
29	0	12	63	63	49	56
30	0	8	90	79	82	90
31	0	38	---	40	86	---
Mean	11	2	31	28	181	67
Max.	64	38	90	90	289	111
Min.	0	0	0	0	4	17
A.F.	650	110	1840	1720	11120	3990

Water diverted  
19430 A.F.

Sutherland Storage included

Acres reported	D-645 a	850
	D-645 b	17000
	A-3716	4495
Total		22355

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	17	0	0	9	0	18
2	14	0	4	7	0	19
3	9	0	2	4	0	19
4	13	0	2	0	0	18
5	13	0	1	0	0	16
6	13	0	2	2	7	13
7	13	0	3	3	13	13
8	16	0	2	2	13	12
9	17	0	2	0	5	12
10	18	0	1	1	8	13
11	17	0	3	5	10	13
12	17	0	4	5	10	14
13	19	0	3	6	17	14
14	8	0	1	6	14	13
15	0	0	0	4	12	12
16	0	0	0	7	0	12
17	0	0	0	9	0	12
18	0	0	0	9	0	12
19	0	0	0	0	3	11
20	0	0	0	0	11	8
21	0	0	0	0	11	8
22	0	0	2	0	8	10
23	0	0	3	0	7	10
24	0	0	2	0	13	12
25	0	0	2	0	15	14
26	0	0	1	0	16	15
27	0	0	1	0	17	15
28	0	0	1	0	17	15
29	0	0	5	0	17	15
30	0	0	9	0	16	12
31	0	0	0	0	17	---
Mean	7	0	2	3	9	13
Max.	19	0	9	9	17	19
Min.	0	0	0	0	0	8
A.F.	410	0	110	150	540	790

Water diverted  
2010 A.F.

Acres reported	D-788	1989
	D-781R	15
	D-763R	55
Total		2019

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	1	9	0	7	8	9	13
2	3	9	0	8	9	9	11
3	16	6	0	7	9	9	10
4	16	0	0	7	9	8	10
5	16	0	0	7	10	9	13
6	16	0	0	7	12	10	12
7	16	0	0	7	4	10	13
8	16	0	0	7	0	10	12
9	16	0	0	7	1	9	11
10	16	0	0	7	11	9	12
11	15	0	0	7	11	8	12
12	15	0	1	8	10	9	10
13	15	0	7	9	11	9	8
14	14	0	14	6	11	8	8
15	14	0	13	0	11	9	14
16	14	0	15	3	11	12	14
17	14	0	16	7	11	11	13
18	15	0	15	7	14	11	10
19	15	0	15	9	7	10	7
20	15	0	14	10	1	11	7
21	15	0	17	8	1	11	7
22	15	0	15	7	1	10	7
23	14	0	13	7	11	11	7
24	15	0	11	6	11	12	6
25	14	0	10	6	17	8	7
26	9	0	10	9	10	1	7
27	9	0	9	12	9	5	7
28	9	0	8	11	9	5	7
29	9	0	8	8	9	4	7
30	9	0	7	8	9	7	7
31	9	-	7	-	10	12	-
Mean	13	1	7	7	9	9	10
Max.	16	9	17	12	17	12	14
Min.	1	0	0	0	0	1	6
A.F.	800	50	450	430	530	550	570
Water diverted	3380 A.F.						
						Acres reported	
						D-517	600
						A-2275	509
						Total	1109

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	2	2	0	2
2	0	2	2	0	3
3	0	2	2	0	2
4	0	2	2	0	3
5	0	2	2	0	4
6	0	1	2	1	4
7	0	1	2	2	4
8	0	1	1	2	3
9	0	1	0	2	4
10	0	1	0	2	3
11	0	2	0	2	4
12	2	2	0	2	0
13	2	2	0	2	0
14	2	2	0	1	0
15	2	2	0	1	0
16	3	2	1	2	0
17	4	2	1	2	0
18	5	2	1	1	0
19	5	2	1	1	0
20	5	3	1	2	0
21	5	3	1	2	0
22	4	2	1	2	0
23	4	2	1	2	0
24	1	2	1	2	0
25	0	2	1	2	0
26	1	2	1	2	0
27	4	2	1	2	0
28	3	2	1	2	0
29	2	2	1	2	0
30	2	2	0	1	0
31	2	-	0	1	-
Mean	2	2	1	1	1
Max.	5	3	2	2	4
Min.	0	1	0	0	0
A.F.	120	110	60	90	70
Water diverted	450 A.F.				
				Acres reported	
				A-1260	180

DAILY DIVERSIONS OF CANALS--1958

HOOVER CANAL from Blue Creek--Measured  
through Parshall Flume--Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	0	4	0	14
2	16	0	0	8	0	14
3	19	0	0	0	0	13
4	19	0	0	0	0	11
5	20	0	0	4	0	14
6	20	0	0	15	0	15
7	20	0	0	1	9	16
8	23	0	0	0	17	15
9	22	0	0	15	17	13
10	22	0	0	12	19	3
11	23	0	0	8	16	4
12	23	0	0	2	15	12
13	23	0	0	0	14	10
14	11	0	0	0	14	11
15	0	0	0	3	11	12
16	0	0	0	12	8	13
17	8	0	0	14	11	13
18	17	0	0	15	13	12
19	19	0	0	0	14	12
20	17	0	0	0	13	11
21	11	0	0	4	13	9
22	15	0	0	7	10	8
23	16	0	0	0	12	8
24	16	0	0	0	12	8
25	0	0	0	0	12	8
26	0	0	0	0	10	8
27	0	0	0	0	11	11
28	0	0	0	0	10	11
29	0	0	0	0	10	9
30	0	0	0	0	10	12
31	0	0	-	0	11	-
Mean	13	0	0	4	10	11
Max.	23	0	0	15	19	16
Min.	0	0	0	0	0	3
A.F.	780	0	0	250	620	650
Water diverted	2300 A.F.					
					Acres reported	
					D-781	848
					D-788R	19
					Total	867

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0.3	0	0	0
2	0	.7	0	0	0
3	0	.8	0	0	0
4	0	.6	0	0	0
5	0	.6	0	0	0
6	0	.6	0	0	0
7	0	.7	0	0	0
8	0	.7	0	0	0
9	0	1.0	0	0	0
10	0	.8	0	0	0
11	0	.7	0	0	0
12	0	1.0	0	0	0
13	0	1.0	0	0	0
14	0	1.2	0	0	0
15	0	2.0	0	0	0
16	0	2.1	0	0	0
17	0	1.2	0	0	0
18	0	1.0	0	0	0
19	0	1.2	0	0	0
20	0	3.8	0	0	0
21	0	3.2	0	0	0
22	0	3.0	0	0	0
23	0	3.2	0	0	0
24	0	2.6	0	0	0
25	0	.2	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	0.3	0	0	0	0
31	.1	-	0	0	-
Mean	0	1.1	0	0	0
Max.	.3	3.8	0	0	0
Min.	0	0	0	0	0
A.F.	1	69	0	0	0
Water diverted	70 A.F.				
				Acres reported	
				D-087a	40
				D-087b	20
				Total	60

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	2	3	3
2	0	3	2	3	3
3	0	3	5	3	3
4	0	3	5	3	3
5	0	3	5	3	4
6	0	3	5	2	3
7	0	3	5	2	3
8	0	3	5	2	3
9	0	3	5	2	0
10	0	4	4	2	0
11	0	4	5	2	0
12	0	4	5	3	0
13	0	4	5	2	0
14	0	0	4	2	0
15	0	0	4	2	0
16	0	0	5	2	0
17	0	0	4	2	0
18	0	0	4	2	0
19	0	0	4	2	0
20	0	0	3	2	0
21	0	0	3	2	0
22	0	0	3	2	0
23	0	0	3	2	0
24	0	0	3	2	0
25	0	0	3	2	0
26	0	0	3	2	0
27	0	0	3	2	2
28	0	0	3	2	3
29	0	0	3	3	3
30	0	2	4	3	3
31	0	-	3	3	-
Mean	0	1	4	2	1
Max.	0	4	5	3	4
Min.	0	0	2	2	0
A.F.	0	80	240	140	70
Water diverted	530 A.F.				
	Acres reported				
	D-354 180				
	A-481B 67				
	Total 247				

DAILY DIVERSIONS OF CANALS--1958

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	893	1630	1666	1954	1898
2	0	896	1574	1713	1967	1898
3	0	902	1571	1762	2003	1901
4	0	905	1577	1766	2003	1859
5	0	902	1567	1759	2000	1769
6	0	902	1567	1812	2003	1723
7	0	902	1508	1845	2010	1690
8	0	905	1395	1855	2006	1703
9	0	902	1154	1845	2006	1703
10	0	896	828	1855	2006	1703
11	349	919	504	1865	2006	1676
12	617	1022	0	1954	2006	1676
13	902	1113	0	1993	2026	1676
14	961	1269	0	1990	2030	1676
15	961	1306	0	1993	2033	1667
16	966	1319	0	1990	2030	1667
17	991	1275	0	1990	2015	1653
18	1014	1269	0	1993	2023	1663
19	1014	1272	0	1990	2020	1557
20	1017	1316	584	1970	2016	1653
21	1019	1357	850	1891	2013	1640
22	1019	1357	993	1937	2010	1558
23	1017	1351	991	1940	2003	1561
24	1014	1344	944	1940	2000	1564
25	1000	1363	938	1940	1993	1558
26	1014	1424	966	1944	1983	1568
27	1017	1495	1025	1947	1977	1561
28	991	1518	1110	1944	1970	1399
29	902	1541	1282	1947	1970	899
30	902	1587	1508	1954	1937	909
31	---	1650	---	1954	1917	---
Mean	623	1196	869	1901	1998	1622
Max.	1019	1650	1630	1993	2033	1901
Min.	0	893	0	1666	1917	809
A.F.	37070	73530	51700	116910	122850	96510
Water diverted	498570 A.F.					
	Pathfinder storage included					
	Acres reported					
	A-768 Neb 111855					
	A-768 Wyo 16100					
	Total 127955					

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	4	0	0
4	0	0	7	0	0
5	0	0	8	0	0
6	0	0	8	0	0
7	0	0	8	0	0
8	0	0	8	0	0
9	0	0	8	0	0
10	0	0	2	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	3	0	0	0
22	0	3	0	0	0
23	0	2	0	0	0
24	0	3	0	0	0
25	0	3	0	0	0
26	0	1	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0.5	2	0	0
Max.	0	3	8	0	0
Min.	0	0	0	0	0
A.F.	0	30	110	0	0
Water diverted	140 A.F.				
	Acres reported				
	D-511 146				

DAILY DIVERSIONS OF CANALS--1958

KEARNEY CANAL from Platte River  
Measured through Parshall Flume--Sec. 33-9-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	181	189	179	14	0	0	0	107	62	98	189	170
2	179	187	170	14	0	0	0	117	118	57	187	172
3	172	175	168	14	0	0	0	142	228	113	181	164
4	177	177	164	14	0	0	0	153	236	142	177	157
5	173	175	164	16	0	0	0	141	240	179	168	166
6	170	175	172	16	0	0	0	146	226	134	214	166
7	177	181	164	14	0	0	0	144	230	127	234	166
8	175	179	130	14	0	0	0	153	212	151	201	168
9	181	185	162	0	0	0	0	130	197	137	151	189
10	183	185	92	0	0	0	0	124	179	68	136	205
11	189	185	56	0	0	0	0	118	160	0	124	185
12	183	185	56	0	0	0	0	132	158	0	134	183
13	186	179	117	0	0	0	0	117	134	0	115	181
14	187	181	137	0	0	0	0	125	112	117	134	195
15	183	185	125	0	0	0	0	136	100	185	127	162
16	189	189	132	0	0	0	0	113	106	177	238	195
17	183	187	151	0	0	0	0	142	100	168	285	203
18	199	187	155	0	0	0	0	144	92	155	274	203
19	201	172	151	0	0	0	0	142	92	95	269	205
20	199	191	157	0	0	0	0	139	86	84	265	203
21	195	197	144	0	0	0	0	157	84	122	185	203
22	195	130	139	0	0	0	0	177	88	172	173	205
23	193	189	144	0	0	0	0	189	89	170	168	173
24	185	189	144	0	0	0	91	101	88	149	158	137
25	193	185	144	0	0	0	127	44	88	56	181	134
26	222	183	124	0	0	0	98	43	86	84	197	134
27	216	175	130	0	0	0	110	41	90	79	195	130
28	218	173	82	0	0	0	110	33	89	84	187	130
29	212	168	130	0	0	0	106	41	80	185	185	130
30	195	130	20	0	-	0	106	65	84	185	177	124
31	195	---	13	0	-	0	---	65	---	191	170	---
Mean	190	179	130	4	0	0	25	117	131	120	186	172
Max.	222	197	179	16	0	0	127	189	240	191	285	205
Min.	170	130	13	0	0	0	0	33	62	0	115	124
A.F.	11670	10650	7970	230	0	0	1480	7180	7800	7360	11460	10210
Water diverted												
	76010 A.F.											
Sutherland Storage available												
	Acreage reported D-1023 4253											

DAILY DIVERSIONS OF CANALS--1958

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	167	178	173	32	0	0	0	52	70	52	109	142
2	152	185	154	5	0	0	0	73	46	51	121	127
3	166	166	143	1	0	0	0	73	191	53	120	131
4	159	157	139	0	0	0	0	99	223	137	68	105
5	159	162	139	11	0	0	0	89	228	167	89	123
6	159	162	137	20	0	0	0	90	232	148	56	137
7	166	167	148	27	0	0	0	87	211	103	108	127
8	164	167	82	11	0	0	0	87	211	131	126	132
9	167	169	160	7	0	0	0	115	182	137	99	147
10	171	176	99	5	0	0	0	99	166	53	49	176
11	169	176	16	3	0	0	0	100	127	40	39	162
12	176	191	36	3	0	0	0	103	155	24	38	106
13	182	171	50	0	0	0	0	105	117	27	34	100
14	175	175	140	0	0	0	0	99	109	30	59	108
15	173	178	115	0	0	0	0	92	90	166	65	105
16	169	180	96	0	0	0	0	114	79	154	109	99
17	173	180	126	0	0	0	0	95	86	154	251	137
18	157	180	135	0	0	0	0	117	77	167	244	143
19	182	185	135	0	0	0	0	115	82	89	263	143
20	185	184	137	0	0	0	0	109	77	6	270	147
21	180	175	150	0	0	0	0	103	50	0	219	147
22	178	134	121	0	0	0	0	117	74	106	163	155
23	178	154	142	0	0	0	0	162	52	242	152	152
24	160	164	137	0	0	0	0	131	62	111	148	165
25	173	166	145	0	0	0	22	58	65	81	132	89
26	202	196	139	0	0	0	52	12	65	66	178	59
27	202	193	124	0	0	0	52	0	63	44	164	100
28	196	193	68	0	0	0	52	0	66	56	173	106
29	217	185	140	0	-	0	55	3	64	51	176	102
30	191	178	63	0	-	0	55	31	48	162	145	99
31	152	---	22	0	-	0	---	64	---	145	147	---
Mean	175	174	116	4	0	0	9	84	112	95	133	125
Max.	217	196	173	32	0	0	59	162	272	242	270	176
Min.	152	134	16	0	0	0	0	0	46	0	34	89
A.F.	10770	10370	7150	250	0	0	580	5150	6680	5860	8170	7440
Water returned												
	62430 A.F.											



DAILY DIVERSIONS OF CANALS--1958

KEITH-LINCOLN COUNTY CANAL from North Platte River  
Measured through Parshall Flume--Sec. 18-14-36 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	56	0	38	75	58	79
2	56	0	35	82	74	81
3	55	0	59	74	85	82
4	56	0	72	62	80	80
5	57	0	74	77	78	78
6	58	0	74	79	80	75
7	58	0	71	74	82	73
8	59	0	69	80	95	74
9	59	0	64	78	96	74
10	60	0	62	51	96	74
11	56	0	64	82	85	76
12	26	0	61	61	9	81
13	23	0	58	51	0	81
14	28	0	61	70	31	67
15	0	0	62	74	73	51
16	0	61	64	73	38	52
17	0	57	62	68	76	40
18	0	51	61	58	76	39
19	0	46	62	16	74	26
20	0	43	60	4	82	23
21	0	42	61	7	84	21
22	0	44	61	15	80	22
23	0	41	59	14	71	22
24	0	41	46	25	68	23
25	0	38	48	11	74	25
26	0	37	46	16	72	22
27	0	38	45	27	68	22
28	0	38	46	29	75	18
29	0	41	61	43	78	13
30	0	39	71	71	86	13
31	0	44	—	66	78	—
Mean	23	23	59	52	71	50
Max.	60	61	74	82	96	82
Min.	0	0	35	4	0	13
A.F.	1400	1390	3520	3200	4370	2990
Water diverted					Acreege reported	
	16870 A.F.				D-722	5873
	Agaley Reservoir Storage included					

DAILY DIVERSIONS OF CANALS--1958

KIMBALL-CANAL from Lodgepole Creek  
Measured through section of canal--Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	18	44	37
2	0	0	22	42	38
3	0	0	22	42	38
4	0	0	22	43	40
5	0	0	35	40	0
6	0	0	34	41	0
7	0	0	35	41	0
8	0	0	35	41	39
9	0	0	51	34	38
10	0	0	51	36	38
11	0	0	50	28	38
12	0	0	50	33	38
13	0	0	50	33	38
14	0	0	50	30	38
15	0	0	50	42	38
16	0	0	50	41	38
17	0	0	45	41	31
18	0	0	44	41	19
19	0	0	44	46	0
20	0	0	44	46	15
21	0	0	33	44	15
22	0	0	31	38	15
23	0	0	32	38	15
24	0	0	32	28	16
25	0	0	32	44	16
26	0	0	20	44	16
27	0	0	20	44	0
28	0	0	58	40	0
29	0	0	0	36	0
30	0	0	0	36	0
31	0	-	45	39	-
Mean	0	0	34	38	22
Max.	0	0	58	46	40
Min.	0	0	0	28	0
A.F.	0	0	2190	2410	1300
Water diverted			5900 A.F.	Acreege reported	
				A-897	4500
			Oliver Reservoir Storage included		

DAILY DIVERSIONS OF CANALS--1958

LaKELE CANAL from Niobrara River  
Measured through rating flume--Sec. 6-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	8	0	0	5
2	0	7	0	0	6
3	0	5	0	0	5
4	0	5	0	0	7
5	0	4	0	0	6
6	0	2	0	0	5
7	0	0	4	0	5
8	0	0	5	0	5
9	0	0	5	0	5
10	0	0	5	0	4
11	0	0	5	0	4
12	8	0	5	0	4
13	8	0	4	0	4
14	6	0	2	0	4
15	5	0	0	0	4
16	5	0	0	0	4
17	5	0	0	0	4
18	5	0	0	0	5
19	5	0	0	0	5
20	5	0	0	0	4
21	7	0	0	0	4
22	7	0	0	0	4
23	6	0	0	0	4
24	5	0	0	0	3
25	3	0	0	1	3
26	3	0	0	5	3
27	5	0	0	7	3
28	4	0	0	7	3
29	5	0	0	7	3
30	6	0	0	7	3
31	7	-	0	4	-
Mean	4	1	1	1	4
Max.	8	8	5	7	7
Min.	0	0	0	0	3
A.F.	220	60	70	80	250
Water diverted				Acreege reported	
	680 A.F.			D-51E	140
				A-60	210
				Total	350

DAILY DIVERSIONS OF CANALS--1958

LAKOTAH CANAL from Niobrara River  
Measured through 2-foot Parshall flume--Sec. 1-30-57 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sep.
1	4	6	0	5	0	0	4
2	4	6	0	5	0	0	4
3	5	6	0	5	0	0	4
4	6	6	0	5	0	0	3
5	6	2	0	4	0	2	3
6	6	0	0	5	0	3	3
7	6	0	0	5	0	3	3
8	6	0	0	5	0	3	3
9	6	0	5	4	0	3	3
10	6	0	5	4	0	3	3
11	6	0	5	4	0	3	3
12	6	0	6	6	0	3	3
13	6	0	8	5	0	3	3
14	6	0	8	6	0	3	3
15	6	0	8	5	0	3	3
16	7	0	10	4	0	4	4
17	7	0	12	4	0	4	4
18	7	0	13	4	0	4	4
19	7	0	13	4	0	4	4
20	9	0	11	6	0	4	4
21	8	0	6	3	0	4	4
22	9	0	6	0	0	4	4
23	7	0	6	0	0	4	4
24	4	0	6	0	0	4	4
25	6	0	6	0	0	4	4
26	6	0	5	0	0	4	4
27	6	0	6	0	0	4	4
28	6	0	6	0	0	4	4
29	6	0	6	0	0	4	4
30	6	0	6	0	0	4	4
31	6	-	5	-	0	4	-
Mean	6	1	5	3	0	3	4
Max.	9	6	13	6	0	4	4
Min.	4	0	0	0	0	0	3
A.F.	380	50	330	200	0	190	210
Water diverted			1360 A.F.			Acreege reported	
						D-554	410

DAILY DIVERSIONS OF CANALS--1958

LAST CHANCE CANAL from Pumphkinseed Creek  
Measured through rating flume--Sec. 27-1a-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	14	0	10	7	6	0
2	14	0	10	5	6	3
3	14	0	11	3	7	6
4	14	0	11	0	7	6
5	15	0	9	3	6	6
6	14	0	4	5	6	6
7	13	0	7	5	6	8
8	13	0	7	6	6	5
9	6	0	9	4	6	6
10	6	0	9	0	5	7
11	6	0	6	9	6	8
12	4	0	7	13	6	8
13	2	0	6	12	6	8
14	2	0	2	10	6	6
15	2	0	0	10	6	5
16	2	0	0	9	6	5
17	2	0	0	6	6	5
18	2	0	0	6	6	5
19	2	0	0	0	6	5
20	0	0	0	0	6	5
21	0	0	0	0	6	5
22	0	0	0	0	6	5
23	0	0	0	0	6	4
24	0	0	0	0	5	5
25	0	0	0	0	6	4
26	0	7	0	0	6	4
27	0	8	0	0	6	4
28	0	7	3	4	6	4
29	0	11	7	7	7	1
30	0	11	7	7	3	0
31	0	11	-	6	0	-
Mean	5	2	4	4	6	5
Max.	15	11	11	13	7	8
Min.	0	0	0	0	0	0
A.F.	290	110	250	270	350	300
Water diverted	1570 A.F.					
	Acreege reported D-883 442					

DAILY DIVERSIONS OF CANALS--1958  
LICHTER CANAL from Niobrara River  
Measured through Parshall Flume--Sec. 27-29-48 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	5	0	4
2	0	0	2	5	0	6
3	0	0	4	5	0	4
4	0	0	5	5	0	4
5	0	0	5	5	0	4
6	0	0	5	5	0	3
7	0	0	4	5	0	3
8	0	0	4	3	0	2
9	0	0	4	2	0	2
10	0	0	4	1	0	1
11	0	0	5	0	0	1
12	0	0	6	0	0	1
13	0	0	5	0	0	0
14	0	0	5	0	1	0
15	0	0	5	0	6	0
16	0	0	5	0	6	1
17	0	0	5	0	4	2
18	0	0	5	0	4	2
19	0	0	6	0	5	3
20	0	0	6	0	5	3
21	0	0	6	0	4	3
22	0	0	6	0	4	3
23	0	0	5	0	2	3
24	0	0	5	0	0	3
25	0	0	5	0	2	3
26	0	0	5	0	7	2
27	0	0	5	0	5	2
28	0	0	5	0	6	1
29	0	0	5	0	5	1
30	0	0	5	0	3	1
31	0	C	5	0	3	-
Mean	0	0	5	1	2	2
Max.	0	0	6	5	7	6
Min.	0	0	0	0	0	0
A.F.	0	0	280	80	140	140
Water diverted	640 A.F.					
	Acreege reported D479-101, A1086-156, A1088-31, A1152-16, A2523-205, A2837-102, A3592-46. Total 657.					

DAILY DIVERSIONS OF CANALS--1958  
LISCO CANAL from North Platte River  
Measured over 18' weir--Sec. 14-18-47 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	31	0	7	15	0	24
2	29	0	0	11	0	30
3	22	0	0	6	45	30
4	20	0	0	20	39	31
5	20	0	0	16	39	31
6	11	0	0	12	40	34
7	8	0	0	13	39	33
8	11	0	0	12	50	39
9	10	0	0	11	58	34
10	10	0	0	10	58	27
11	9	0	0	8	49	32
12	4	0	0	8	51	29
13	0	22	0	6	46	22
14	0	17	0	13	45	14
15	0	12	0	23	39	23
16	0	15	18	23	14	20
17	0	11	8	21	26	29
18	0	11	0	30	33	22
19	0	12	0	33	29	8
20	0	25	0	8	29	2
21	0	11	0	12	24	9
22	0	10	0	0	27	19
23	0	15	0	0	32	9
24	0	9	0	0	22	14
25	0	8	9	0	0	22
26	0	10	15	0	8	17
27	0	11	9	0	16	20
28	0	11	5	0	8	22
29	0	10	14	0	14	19
30	0	10	16	0	13	26
31	0	9	-	0	14	-
Mean	6	8	3	10	29	23
Max.	31	25	18	33	58	39
Min.	0	0	0	0	0	2
A.F.	370	470	200	620	1800	1380
Water diverted	4840 A.F.					
	Acreege reported D856-1391, D787R-1130, D796-300, A243R-635, A991-216, A1658-112. Total 3784.					

DAILY DIVERSIONS OF CANALS--1958

MCGINLEY-STOVER (North) from Niobrara River  
Measured through rating flume--Sec. 25-29-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	7	7	0	0
2	2	0	6	7	0	0
3	2	0	6	7	0	0
4	2	0	6	8	0	0
5	2	0	6	8	0	0
6	2	0	6	8	0	0
7	2	0	6	6	0	0
8	2	0	7	5	0	0
9	2	0	8	6	0	0
10	2	0	7	3	0	0
11	2	0	6	0	0	0
12	2	0	7	0	0	0
13	2	0	8	0	0	0
14	2	0	7	0	0	0
15	2	0	7	0	0	0
16	2	0	7	0	0	0
17	2	0	7	0	0	0
18	2	0	7	0	0	0
19	2	0	7	0	0	0
20	2	0	8	0	0	0
21	2	0	8	0	0	0
22	2	0	8	0	0	0
23	1	0	7	0	0	0
24	0	0	8	0	0	0
25	0	0	7	0	0	0
26	0	0	7	0	0	0
27	0	0	7	0	0	0
28	0	0	6	0	0	0
29	0	7	5	0	0	0
30	0	6	5	0	0	0
31	0	7	-	0	0	-
Mean	1	1	7	2	0	0
Max.	2	7	9	8	0	0
Min.	0	0	5	0	0	0
A.F.	90	40	410	130	0	0
Water diverted	670 A.F.					
	Acreege reported D-513a 515, D-980 86, Total 601					

DAILY DIVERSIONS OF CANALS--1958

McGINLEY-STOVER (South) from Niobrara River  
Measured through rating flume--Sec. 25-29-56 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	0	2	0	0	0	0	1
2	0	2	0	0	0	0	1
3	0	2	0	0	0	0	2
4	0	2	0	0	0	0	2
5	0	2	0	0	0	0	2
6	0	3	0	0	0	0	2
7	0	3	0	0	0	0	2
8	0	2	0	0	0	0	2
9	0	2	0	0	0	0	2
10	0	2	0	0	1	0	2
11	0	2	0	0	1	0	1
12	0	2	0	0	2	0	0
13	0	2	0	0	2	0	0
14	0	2	0	0	2	0	0
15	0	1	0	0	2	0	2
16	0	0	0	0	2	0	4
17	0	0	0	0	0	0	3
18	0	0	0	0	0	0	2
19	0	0	0	0	0	0	1
20	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	1	0
27	0	0	0	0	0	1	0
28	0	0	0	0	0	1	0
29	0	0	0	0	0	1	0
30	0	0	0	0	0	1	0
31	2	-	0	-	0	1	-
Mean	0.1	1	0	0	0.4	0.2	1
Max.	2	2	0	0	2	1	4
Min.	0	0	0	0	0	0	0
A.F.	4	60	0	0	20	10	60
Water diverted				Acreage reported			
	150 A.F.			D-513b 120			

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	6	0	0	0
2	0	6	0	0	0
3	0	4	0	0	0
4	0	4	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	5	3
26	0	0	0	5	4
27	0	0	0	6	4
28	0	0	0	5	4
29	5	0	0	0	4
30	6	0	0	0	2
31	6	-	0	0	-
Mean	1	1	0	1	1
Max.	6	6	0	6	4
Min.	0	0	0	0	0
A.F.	30	40	0	40	40
Water diverted	Acreage reported				
	150 A.F. D-351 176				
	A-734 122				
	Total 298				

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	7	6	0	5
2	6	0	9	8	0	3
3	6	0	8	5	0	4
4	3	0	7	5	0	4
5	0	0	7	5	0	4
6	0	0	7	5	0	5
7	0	0	7	8	0	5
8	0	0	6	7	0	4
9	0	0	6	0	0	4
10	0	0	5	0	0	6
11	0	0	6	0	0	6
12	0	0	7	0	0	6
13	0	0	7	0	0	6
14	0	0	7	0	0	6
15	0	0	7	0	0	6
16	0	0	6	0	8	6
17	0	0	6	0	4	6
18	0	0	6	0	0	6
19	0	0	5	0	0	6
20	0	0	5	0	0	6
21	0	0	0	0	0	6
22	0	6	0	0	0	6
23	0	7	0	0	0	6
24	0	9	0	0	0	6
25	0	9	0	0	0	6
26	0	8	1	0	0	7
27	0	7	7	0	0	7
28	0	7	6	0	1	4
29	0	5	6	0	5	4
30	0	6	6	0	5	3
31	0	6	-	0	5	-
Mean	1	2	5	2	1	5
Max.	6	9	9	8	8	7
Min.	0	0	0	0	0	3
A.F.	40	140	310	100	50	320
Water diverted				Acreage reported		
	960 A.F.			D-566 500		

DAILY DIVERSIONS OF CANALS--1958

MEEKER CANAL from Republican River  
Measured through rating flume--Sec. 15-3-31 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	27	0	24	28	48	54
2	41	0	22	35	52	56
3	41	0	19	38	52	55
4	38	0	19	48	54	55
5	36	0	19	34	53	54
6	36	0	20	31	53	54
7	40	0	17	33	53	54
8	37	0	15	41	54	52
9	34	0	15	38	52	51
10	37	0	7	42	52	53
11	39	0	0	42	52	53
12	34	0	0	41	51	52
13	32	0	0	35	51	52
14	35	0	4	41	52	50
15	26	0	18	40	52	47
16	0	29	15	44	52	45
17	0	12	2	44	56	44
18	0	0	23	46	53	28
19	0	0	26	14	50	30
20	0	0	27	19	49	32
21	0	22	14	20	53	30
22	0	30	14	20	55	28
23	0	27	14	23	56	27
24	0	21	17	25	50	19
25	0	20	15	35	48	19
26	0	20	14	30	46	18
27	0	17	16	32	43	21
28	0	15	17	39	43	19
29	0	14	13	44	45	22
30	0	15	12	48	52	24
31	0	21	-	48	53	-
Mean	17	8	15	35	51	40
Max.	41	30	27	48	56	56
Min.	0	0	0	14	43	18
A.F.	1060	520	870	2180	3140	2380
Water diverted	Acreage reported					
	10150 A.F. D-4, 7, 8 & 9 2930					

DAILY DIVERSIONS OF CANALS--1958

MEEKER-DRIFTWOOD CANAL from Republican River  
Measured through Parshall flume--Sec. 8-2-33 W.

Date	May	June	July	Aug.	Sept.
1	0	17	14	56	50
2	0	21	14	56	59
3	0	30	26	51	60
4	0	30	31	47	55
5	0	30	30	47	53
6	0	30	30	47	49
7	0	30	28	47	45
8	0	30	26	48	45
9	0	36	28	48	43
10	0	35	28	55	40
11	0	34	26	74	40
12	0	34	25	78	40
13	0	33	25	77	34
14	0	33	25	80	31
15	0	33	25	70	31
16	0	33	25	59	31
17	0	33	25	56	28
18	0	33	22	57	22
19	0	32	0	57	22
20	0	32	0	50	22
21	0	32	19	46	22
22	0	31	45	46	21
23	0	31	47	44	21
24	0	30	47	42	21
25	0	26	43	42	21
26	0	25	40	42	21
27	25	25	44	43	21
28	19	25	47	44	21
29	20	14	49	45	14
30	17	14	54	42	0
31	17	--	56	40	--
Mean	3	29	30	53	33
Max.	25	36	56	80	60
Min.	0	14	0	40	0
A.F.	190	1730	1270	7240	1950
Water diverted	8580 A.F.			Acres reported	
				A-6213	5979

DAILY DIVERSIONS OF CANALS--1958

MEREDITH AMMER CANAL--from Pumpkinseed Creek  
Measured through rating flume--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	8	0	5	6
2	0	0	0	4	6
3	0	0	1	5	6
4	0	0	0	5	6
5	0	0	0	11	6
6	0	0	0	8	6
7	0	1	0	11	4
8	0	3	0	10	4
9	0	3	0	8	5
10	0	2	0	4	5
11	0	1	3	7	5
12	0	0	7	10	5
13	0	0	8	10	5
14	0	0	8	10	4
15	0	0	9	8	4
16	0	0	8	5	4
17	0	0	8	5	4
18	0	0	5	6	3
19	0	0	0	6	4
20	0	0	0	5	4
21	0	0	1	5	2
22	0	0	0	5	0
23	0	0	0	4	0
24	0	0	0	4	0
25	0	0	0	5	0
26	0	0	0	5	0
27	0	0	0	6	0
28	7	0	5	6	0
29	9	0	6	6	0
30	9	0	5	6	0
31	9	--	5	6	--
Mean	1	0.6	3	6	3
Max.	9	8	9	11	6
Min.	0	0	0	4	0
A.F.	70	40	160	400	190
Water diverted	860 A.F.			Acres reported	
				*D-823	144
				D-876	441
				Total	585

\*Belmont Appropriation carried by Meredith-Ammar  
for lands located west of Pumpkinseed Creek in Sec. 12-19-50 W.

DAILY DIVERSIONS OF CANALS--1958

METTLEN CANAL from Niobrara River  
Measured through rating flume--Sec. 4-2<sup>c</sup>-54 W.

Date	May	June	July	Aug.	Sept.
1	0	3	3	2	1
2	0	5	3	2	1
3	0	3	3	2	1
4	0	3	3	2	1
5	0	3	3	2	1
6	0	3	2	2	1
7	0	5	2	2	1
8	0	5	4	2	1
9	0	5	1	2	1
10	0	5	2	2	2
11	0	5	2	2	1
12	0	6	1	2	2
13	0	7	1	2	2
14	0	6	1	2	2
15	0	6	2	3	2
16	0	7	3	3	2
17	0	6	3	3	2
18	0	6	3	2	3
19	0	6	5	2	2
20	0	8	5	3	2
21	0	7	3	3	2
22	0	7	0	3	2
23	0	7	0	1	2
24	0	6	0	3	2
25	0	6	0	3	2
26	0	6	1	1	2
27	2	5	2	2	2
28	3	5	2	1	2
29	3	4	2	1	2
30	3	3	2	1	2
31	3	--	2	1	--
Mean	1	5	2	2	2
Max.	3	8	5	3	3
Min.	0	3	0	1	1
A.F.	30	310	130	130	100
Water diverted	700 A.F.			Acres 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.

Date	May	June	July	Aug.	Sept.
1	0	18	18	19	37
2	0	17	17	18	37
3	0	16	19	19	37
4	0	17	19	18	37
5	0	17	20	17	39
6	0	17	18	17	40
7	0	16	17	26	41
8	0	16	19	34	38
9	0	17	21	37	18
10	0	18	19	38	11
11	0	17	19	19	19
12	0	18	21	39	21
13	0	18	19	39	22
14	0	17	19	39	32
15	2	16	19	38	14
16	18	16	16	42	23
17	14	17	15	41	21
18	14	17	16	41	21
19	15	17	19	42	21
20	16	17	19	44	20
21	16	16	18	43	20
22	14	16	17	42	12
23	16	17	17	41	0
24	18	18	18	40	0
25	19	21	16	38	0
26	21	21	15	39	0
27	18	20	15	38	6
28	19	20	17	37	0
29	19	19	17	40	0
30	20	18	13	40	0
31	20	—	16	38	—
Mean	9	18	18	34	19
Max.	21	21	21	44	40
Min.	0	16	13	17	0
A.F.	560	1040	1090	2110	1150
Water diverted					
5950 A.F.				Acres reported	
				A-2293	2401
				A-8692	15
				A-8930	50
				Total	2466

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

Date	May	June	July	Aug.	Sept.
1	0	31	20	32	34
2	0	27	20	26	34
3	0	31	24	24	36
4	0	41	24	19	31
5	0	35	22	28	34
6	0	26	20	40	34
7	0	22	18	48	31
8	0	20	22	40	29
9	0	24	25	43	31
10	0	26	23	43	24
11	0	18	27	48	22
12	0	11	36	47	20
13	0	10	34	52	22
14	0	12	28	56	34
15	0	14	24	55	24
16	0	13	22	57	30
17	0	12	20	58	19
18	0	12	24	56	13
19	0	16	30	51	13
20	0	19	23	53	13
21	0	24	19	55	14
22	0	22	15	54	16
23	0	21	18	46	20
24	0	19	24	41	21
25	0	20	14	35	22
26	0	24	5	31	22
27	32	23	15	41	21
28	34	21	20	49	20
29	32	18	22	45	19
30	27	20	20	37	20
31	31	—	26	34	—
Mean	5	21	22	43	24
Max.	34	41	36	58	34
Min.	0	10	5	19	13
A.F.	710	1250	1360	2670	1420
Water diverted					
7010 A.F.				Acres reported	
				A-2253	2568
				A-2678	209
				A-4131	56
				A-6623	25
				Total	2858

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	48	17	18	42
2	0	46	17	22	39
3	0	41	17	40	37
4	0	41	17	61	37
5	0	36	17	65	42
6	0	30	17	68	44
7	0	28	26	72	40
8	0	29	30	71	37
9	0	32	29	73	38
10	0	33	29	78	37
11	0	33	31	94	36
12	0	28	29	89	36
13	0	24	28	92	37
14	0	25	27	100	38
15	27	25	25	74	34
16	43	18	24	87	29
17	40	14	20	89	29
18	45	22	20	84	27
19	46	24	22	80	30
20	52	25	24	81	34
21	53	22	19	79	35
22	42	19	17	81	33
23	35	18	14	83	31
24	43	18	15	78	30
25	46	18	15	62	30
26	58	17	15	49	29
27	54	17	16	42	27
28	49	16	16	36	25
29	46	16	16	40	13
30	49	16	16	43	0
31	49	—	15	43	—
Mean	25	26	21	67	33
Max.	58	48	30	100	44
Min.	0	14	14	18	0
A.F.	1540	1550	1270	4110	1940
Water diverted					
10410 A.F.				Acres reported	
				A-2293	4277
				A-2678	110
				Total	4387

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

Date	May	June	July	Aug.	Sept.
1	0	40	21	35	43
2	0	35	21	33	41
3	0	28	23	41	40
4	0	29	25	60	40
5	0	31	25	64	43
6	0	29	26	66	45
7	0	28	28	66	44
8	0	27	28	69	38
9	0	31	28	90	36
10	0	32	27	97	34
11	0	31	26	108	32
12	0	31	26	105	31
13	0	29	27	105	31
14	0	28	25	111	32
15	0	27	25	75	33
16	0	25	27	72	28
17	0	25	27	87	27
18	0	24	29	94	29
19	0	23	30	91	29
20	0	25	31	94	31
21	16	25	32	100	37
22	65	27	33	96	38
23	67	22	32	93	38
24	64	18	33	93	38
25	51	18	33	76	38
26	44	18	33	63	32
27	38	17	33	73	26
28	33	20	33	69	27
29	36	21	33	57	31
30	41	21	32	49	35
31	41	—	32	46	—
Mean	16	26	29	77	35
Max.	67	40	33	108	45
Min.	0	17	21	33	26
A.F.	980	1560	1750	4720	2080
Water diverted					
11090 A.F.				Acres reported	
				A-2253	5650
				A-2678	84
				A-5139	148
				Total	6122

DAILY DIVERSIONS OF CANALS

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

Date	May	June	July	Aug.	Sept.
1	0	9	12	14	0
2	0	8	10	13	0
3	0	8	10	13	0
4	0	9	11	12	0
5	0	9	11	10	0
6	0	10	10	6	3
7	0	10	8	3	8
8	0	10	9	1	9
9	0	11	8	0	8
10	0	11	8	0	4
11	0	11	7	0	8
12	0	12	9	0	10
13	0	12	9	1	9
14	0	10	9	0	9
15	0	10	9	0	11
16	1	10	9	0	11
17	5	10	7	0	11
18	5	10	5	0	13
19	4	10	8	0	13
20	5	11	10	0	13
21	5	11	11	0	12
22	3	11	13	0	13
23	2	12	13	0	4
24	3	11	16	0	0
25	3	13	14	0	0
25	6	14	13	0	0
27	5	13	13	0	0
28	7	13	14	0	0
29	7	12	14	1	0
30	8	11	11	0	0
31	10	--	11	0	--
Mean	3	11	10	2	6
Max.	10	14	16	14	13
Min.	0	8	5	0	0
A.F.	160	640	640	150	330
Water returned					
		1920 A.F.			

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

Date	May	June	July	Aug.	Sept.
1	0	13	9	18	12
2	0	9	9	14	12
3	0	8	10	12	13
4	0	13	13	5	10
5	0	15	12	5	13
6	0	9	11	9	17
7	0	7	9	11	18
8	0	4	9	10	16
9	0	8	13	7	16
10	0	8	13	7	12
11	0	7	10	7	11
12	0	3	16	7	11
13	0	2	19	5	11
14	0	1	17	6	17
15	0	2	15	6	13
16	0	3	14	7	20
17	0	3	12	8	16
18	0	2	12	8	8
19	0	2	19	7	7
20	0	7	16	8	1
21	0	4	15	8	0
22	0	12	11	12	0
23	0	4	10	19	1
24	0	0	20	23	1
25	0	2	15	18	2
26	0	8	3	13	6
27	5	10	4	10	9
28	18	9	16	12	10
29	18	8	15	13	8
30	12	6	12	12	5
31	14	--	13	12	--
Mean	2	6	13	10	10
Max.	18	15	20	23	20
Min.	0	0	3	5	0
A.F.	130	380	780	630	590
Water returned					
		2510 A.F.			

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	15	5	6	21
2	0	16	6	4	12
3	0	16	6	4	4
4	0	15	6	12	1
5	0	18	4	9	4
6	0	13	2	8	9
7	0	12	2	7	12
8	0	11	7	4	12
9	0	13	4	0	8
10	0	15	9	0	6
11	0	16	13	1	9
12	0	17	12	6	9
13	0	6	12	4	11
14	0	11	13	5	15
15	0	11	15	6	16
16	0	11	16	7	13
17	2	3	13	11	5
18	6	2	8	11	1
19	8	10	13	8	3
20	8	10	13	4	9
21	7	12	13	4	13
22	3	8	10	7	16
23	0	6	7	22	15
24	0	6	9	31	15
25	0	6	10	30	13
26	1	6	9	26	13
27	9	5	10	21	13
28	7	5	11	11	13
29	10	5	11	11	12
30	12	4	9	19	1
31	13	--	8	22	--
Mean	3	10	9	10	10
Max.	13	18	16	31	21
Min.	0	2	2	0	1
A.F.	170	600	570	640	600
Water returned					
		2580 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	8	0	20	15
2	0	8	2	21	13
3	0	6	5	18	11
4	0	2	7	23	10
5	0	2	8	27	14
6	0	4	8	17	17
7	0	5	9	14	18
8	0	4	9	2	18
9	0	4	10	1	13
10	0	6	11	4	11
11	0	6	11	4	11
12	0	6	12	2	12
13	0	7	13	0	10
14	0	7	13	1	10
15	0	8	12	2	14
16	0	7	13	1	10
17	0	6	14	0	5
18	0	6	13	7	5
19	0	6	13	12	4
20	0	6	14	12	2
21	0	8	16	16	4
22	0	9	19	22	7
23	0	10	17	31	8
24	13	5	20	34	14
25	14	1	19	34	14
26	14	0	20	28	15
27	8	0	20	24	14
28	4	0	21	27	9
29	2	0	20	24	9
30	3	0	20	17	13
31	8	--	20	13	--
Mean	2	5	13	15	11
Max.	14	10	21	34	18
Min.	0	0	0	0	2
A.F.	130	290	810	910	660
Water returned					
		2800 A.F.			

DAILY DIVERSIONS OF CANALS--1958

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-Feet--1958

	May	June	July	Aug.	Sept.	Total
<b>Diversion:</b>						
Canal No. 1.....	560	1040	1090	2110	1150	5950
Canal No. 2.....	310	1250	1360	2570	1420	7010
Canal No. 3.....	1540	1550	1270	4110	1940	10410
Canal No. 4.....	980	1560	1750	4720	2080	11090
<b>Total diversion.....</b>	<b>3390</b>	<b>5400</b>	<b>5470</b>	<b>13610</b>	<b>6590</b>	<b>34460</b>
<b>Returned through Spillways:</b>						
Canal No. 1.....	160	640	640	150	330	1920
Canal No. 2.....	130	380	780	630	590	2510
Canal No. 3.....	170	600	570	640	600	2580
Canal No. 4.....	130	290	810	910	660	2800
<b>Total returned.....</b>	<b>590</b>	<b>1910</b>	<b>2800</b>	<b>2330</b>	<b>2180</b>	<b>9810</b>
<b>Net diverted.....</b>	<b>2800</b>	<b>3490</b>	<b>2670</b>	<b>11280</b>	<b>4410</b>	<b>24650</b>

DAILY DIVERSIONS OF CANALS--1958

MIDLAND OVERLAND CANAL from North Platte River  
Measured through Parshall flume--Sec. 2-16-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	14	0	0	0	0	9
2	18	0	0	0	0	11
3	18	0	0	4	0	12
4	17	0	0	4	0	13
5	17	0	0	3	0	15
6	17	0	0	3	0	10
7	17	0	0	3	0	8
8	18	0	0	3	0	9
9	17	0	0	3	8	3
10	11	0	0	3	15	0
11	10	0	1	3	13	0
12	11	0	1	3	12	11
13	12	0	0	3	14	12
14	13	0	0	1	18	12
15	12	0	0	1	19	11
16	5	0	0	1	19	11
17	5	0	0	1	14	8
18	5	0	0	2	22	8
19	5	0	0	7	19	8
20	4	0	0	12	18	8
21	0	0	0	12	18	7
22	0	0	0	14	18	6
23	0	0	0	10	15	6
24	0	0	0	4	7	6
25	0	0	0	3	8	5
26	0	0	0	0	8	5
27	0	0	0	0	8	5
28	0	0	0	0	9	5
29	0	0	0	0	9	2
30	0	0	0	0	9	0
31	0	0	0	0	8	0
Mean	8	0	0	3	10	8
Max.	18	0	1	14	22	15
Min.	0	0	0	0	0	0
A.F.	490	0	10	200	610	450
Water diverted	1760 A.F.					
				Acreage Reported		
				D-789	860	
				D-791	1104	
			(O.D.A-1742)	D-800	98	
				Total	2052	

DAILY DIVERSIONS OF CANALS--1958

MINATAHEE CANAL from North Platte River  
Measured through rating flume--Sec. 32-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	53	0	55	30	78	82
2	58	0	22	26	91	70
3	60	0	11	75	91	65
4	56	0	0	88	99	85
5	57	0	0	96	98	88
6	57	0	0	102	96	92
7	17	52	0	93	99	92
8	0	18	0	79	103	81
9	0	18	0	60	111	62
10	0	18	0	57	111	61
11	0	25	0	61	106	61
12	0	23	0	73	102	60
13	0	29	0	75	99	61
14	0	34	0	77	99	60
15	0	33	0	77	103	60
16	0	35	0	78	114	62
17	0	37	0	79	120	62
18	0	39	0	79	109	60
19	0	47	0	20	99	60
20	0	50	0	8	100	62
21	0	44	0	0	102	70
22	0	46	0	0	100	57
23	0	74	0	19	103	58
24	0	74	0	29	111	56
25	0	69	0	26	102	68
26	0	74	0	22	95	54
27	0	68	14	22	89	51
28	0	61	20	20	86	55
29	0	57	29	29	89	51
30	0	62	37	46	86	34
31	0	57	0	61	85	0
Mean	12	37	6	52	99	65
Max.	60	74	55	102	120	92
Min.	0	0	0	0	78	34
A.F.	710	2270	370	3190	6100	3850
Water diverted	16490 A.F.					
				Acreage reported		
				D-919	9325	
				*Does not include Optional Diversion Acreage.		

DAILY DIVERSIONS OF CANALS--1958

MIRAGE FLATS CANAL from Niobrara River  
Measured through 10-foot Marshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	41	0	182	107
2	0	0	0	182	132
3	0	0	0	182	132
4	0	0	0	180	130
5	0	0	0	179	121
6	0	0	0	182	94
7	0	0	0	182	90
8	0	0	0	182	74
9	0	0	24	184	64
10	0	0	8	184	58
11	0	0	5	185	47
12	0	0	35	178	44
13	0	0	35	193	30
14	0	0	34	182	32
15	0	0	35	186	38
16	0	0	35	182	46
17	0	0	35	180	53
18	0	0	34	137	61
19	0	0	32	159	65
20	0	0	34	151	67
21	0	0	34	137	68
22	0	0	34	133	75
23	0	0	36	77	77
24	0	0	71	0	79
25	0	0	89	1	75
26	24	0	108	29	67
27	11	0	111	51	55
28	41	0	142	67	50
29	41	0	172	71	45
30	41	0	182	92	29
31	41	-	180	94	-
Mean	6	1	49	139	70
Max.	41	41	182	193	132
Min.	0	0	0	0	29
A.F.	390	80	2980	8540	4180
Water diverted	Acres reported				
16170 A.F.	A-2683 9320				
	A-3729 2058				
	Total 11378				

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	150	116	104	100
2	0	156	116	101	102
3	0	150	115	105	107
4	0	150	100	102	100
5	0	150	175	104	0
6	0	150	175	105	0
7	0	150	175	106	0
8	0	150	175	105	0
9	0	0	175	103	0
10	0	0	175	102	0
11	0	0	175	102	0
12	0	50	175	101	0
13	0	50	175	100	0
14	0	50	125	101	50
15	0	50	125	101	50
16	0	50	125	101	75
17	0	50	125	100	76
18	0	50	125	100	76
19	121	50	125	100	76
20	164	50	125	100	107
21	172	50	125	102	107
22	164	50	125	104	107
23	164	50	125	104	107
24	164	50	131	105	88
25	167	50	134	105	75
26	164	50	134	107	76
27	164	50	135	105	76
28	167	50	134	102	75
29	165	50	134	100	111
30	150	50	137	101	85
31	159	-	105	101	-
Mean	67	72	139	103	61
Max.	172	160	175	107	111
Min.	0	0	100	100	0
A.F.	4130	4300	8560	6310	3620
Water diverted	Acres reported				
26920 A.F.	D-1052 13633				
Glendo Storage included					

DAILY DIVERSIONS OF CANALS--1958

MOORE-KAY CANAL from Niobrara River  
Measured through rating flume--Sec. 9-28-53 W.

Date	May	June	July	Aug.	Sept.
1	0	4	0	0	5
2	0	5	0	0	5
3	0	5	0	0	5
4	0	4	0	0	5
5	0	4	0	0	6
6	0	4	0	0	6
7	0	4	0	2	5
8	0	4	0	3	5
9	0	4	0	3	5
10	0	4	0	3	5
11	0	5	0	4	5
12	2	6	0	4	5
13	3	7	0	4	5
14	3	6	0	5	5
15	3	6	0	5	5
16	3	6	0	6	5
17	3	6	0	6	5
18	2	6	0	5	5
19	2	6	0	5	5
20	3	6	0	5	5
21	2	0	0	5	5
22	3	0	0	6	5
23	3	0	0	7	4
24	4	0	0	6	4
25	4	0	0	6	5
26	5	0	0	6	5
27	5	0	0	5	5
28	4	0	0	5	5
29	4	0	0	5	5
30	4	0	0	5	5
31	4	-	0	5	-
Mean	2	3	0	4	5
Max.	5	7	0	7	6
Min.	0	0	0	0	4
A.F.	130	200	0	240	300
Water diverted	Acres reported				
870 A.F.	A-88 400				

DAILY DIVERSIONS OF CANALS--1958

MAPOTEE CANAL from Republican River  
Measured through weir and Sparling Meter--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	12	0
2	0	0	0	15	0
3	0	0	0	17	0
4	0	0	0	22	0
5	0	0	0	25	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	4	4	0
9	0	0	7	5	0
10	0	0	7	6	0
11	0	0	7	7	0
12	0	0	7	8	0
13	0	0	7	9	0
14	0	0	3	11	0
15	0	0	0	4	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	3	0	0
30	0	0	7	0	0
31	0	-	8	0	-
Mean	0	0	2	5	0
Max.	0	0	7	25	0
Min.	0	0	0	0	0
A.F.	0	0	120	290	0
Water diverted	Acres reported				
410 A.F.	A-4217 321				
Supplemental Storage available	A-6220 94				
	A-9463 87				
	Total 1002				



DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	52	0	59	70	70	81
2	55	52	0	68	78	78
3	58	46	0	73	84	74
4	62	48	0	73	73	75
5	63	47	0	80	74	76
6	63	45	30	76	85	80
7	66	44	70	71	77	81
8	66	45	72	65	78	80
9	66	44	8	63	74	78
10	57	49	0	63	70	76
11	61	50	0	74	67	73
12	64	51	0	64	72	72
13	66	52	21	57	73	71
14	70	54	55	50	67	71
15	70	54	66	52	78	70
16	0	50	78	84	85	65
17	0	64	68	76	78	61
18	0	80	57	74	77	59
19	0	78	5	8	76	62
20	0	73	47	0	71	62
21	0	70	55	0	81	63
22	0	71	56	0	77	57
23	0	72	61	0	77	52
24	0	78	64	0	88	58
25	0	75	73	0	84	63
26	0	75	80	36	69	68
27	0	74	74	78	69	67
28	0	67	66	76	70	62
29	0	66	68	70	75	62
30	0	69	69	77	74	70
31	0	67	—	77	78	—
Mean	29	53	44	53	76	69
Max.	70	80	80	84	88	81
Min.	0	0	0	0	69	52
A.F.	1780	3590	2600	3280	4660	4100
Water diverted						Acres reported
20010 A.F.						D-925 5618
						(B.D.P.-262)D-925 ?1
						Total 5689

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.	
1	0	39	37	32	170	
2	0	40	38	39	173	
3	0	41	44	54	165	
4	0	38	50	78	166	
5	0	34	48	90	147	
6	0	35	46	121	111	
7	0	38	50	135	107	
8	0	38	59	145	95	
9	0	35	64	154	73	
10	0	46	66	164	73	
11	0	33	66	168	69	
12	0	30	78	177	73	
13	0	34	92	185	76	
14	0	28	98	191	74	
15	39	30	104	194	26	
16	62	36	121	194	48	
17	42	33	134	197	60	
18	40	36	143	196	52	
19	30	36	104	197	40	
20	32	34	57	197	42	
21	32	30	58	198	40	
22	28	28	63	201	39	
23	34	26	65	194	42	
24	38	27	55	193	40	
25	44	26	50	195	38	
26	24	29	57	193	40	
27	40	25	0	181	51	
28	42	27	21	183	52	
29	43	33	39	188	50	
30	46	34	42	182	44	
31	46	—	39	172	—	
Mean	21	33	64	161	76	
Max.	62	46	143	201	173	
Min.	0	25	0	32	26	
A.F.	1310	1980	3940	9690	4510	
Water diverted						Acres reported
21630 A.F.						A-2155 136
						A-2312 12540
						A-2417 183
						A-3892 36
						A-4400 29
						A-7600 12
						Total 12936

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.	
1	0	35	44	28	72	
2	0	31	19	33	68	
3	0	32	50	46	61	
4	0	35	43	54	56	
5	0	41	44	58	57	
6	0	39	51	68	41	
7	0	38	55	77	36	
8	0	36	61	85	35	
9	0	36	58	93	31	
10	0	36	55	95	30	
11	0	38	58	103	29	
12	0	36	64	102	28	
13	0	34	68	100	27	
14	0	32	71	103	25	
15	0	30	79	104	22	
16	0	30	86	104	22	
17	0	35	93	105	21	
18	0	34	98	100	21	
19	33	33	62	99	21	
20	22	32	46	99	20	
21	19	32	34	100	20	
22	20	31	25	100	20	
23	24	29	26	87	20	
24	29	23	30	91	20	
25	29	25	28	81	20	
26	31	33	28	83	20	
27	36	34	10	79	19	
28	39	40	20	79	19	
29	38	46	30	75	18	
30	36	48	29	76	17	
31	36	—	27	76	—	
Mean	13	34	48	84	31	
Max.	38	48	98	105	72	
Min.	0	23	10	28	17	
A.F.	780	2050	2960	5140	1820	
Water diverted						Acres reported
12750 A.F.						A-2712 5683
						A-3828 39
						A-5133 43
						A-6943 10
						Total 5775

DAILY DIVERSIONS OF CANALS--1958

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
ORD NORTH LOUP CANAL from North Loup River  
Measured through rating flume--Sec. 36-15-14 W.

Date	May	June	July	Aug.	Sept.	
1	0	32	19	14	42	
2	0	31	19	15	35	
3	0	36	17	22	34	
4	0	36	15	36	30	
5	0	34	14	51	29	
6	0	39	13	65	23	
7	0	37	10	70	22	
8	0	35	17	76	22	
9	0	38	18	86	22	
10	0	36	17	88	23	
11	0	35	13	88	24	
12	0	33	19	87	25	
13	0	29	20	90	24	
14	0	30	19	90	24	
15	0	26	21	89	22	
16	0	24	21	97	21	
17	0	24	23	90	21	
18	0	22	26	89	21	
19	0	22	11	90	21	
20	0	23	6	87	21	
21	0	22	12	92	21	
22	9	21	13	91	20	
23	15	21	13	71	19	
24	21	21	15	57	18	
25	21	21	13	41	17	
26	21	21	13	29	17	
27	21	21	11	32	16	
28	26	22	13	37	15	
29	28	22	12	41	15	
30	33	21	12	41	14	
31	32	—	12	42	—	
Mean	7	23	15	64	23	
Max.	33	39	26	93	42	
Min.	0	21	6	14	14	
A.F.	450	1660	950	3950	1350	
Water diverted						Acres reported
8360 A.F.						A-2312 5790

DAILY DIVERSIONS OF CANALS--1958

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY AT 10.88 returned to North Loup River  
Measured through 8-foot weir--Sec. 33-21-17 W.

Date	May	June	July	Aug.	Sept.
1	0	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	10	0	0	0	0
16	5	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	15	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0.5	0	0.5	0	0
Max.	10	0	15	0	0
Min.	0	0	0	0	0
A.F.	30	0	30	0	0

Water returned  
60 A.F.  
From spot gage readings.

DAILY DIVERSIONS OF CANALS--1958

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

Date	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	3	0	0	0	0
17	2	0	0	0	0
18	0	0	0	0	0
19	0	0	6	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0.2	0	0.2	0	0
Max.	3	0	6	0	0
Min.	0	0	0	0	0
A.F.	10	0	10	0	0

Water returned  
20 A.F.  
From spot gage readings.

DAILY DIVERSIONS OF CANALS--1958

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY AT 29.93 returned to North Loup River  
Measured through 8-foot weir--Sec. 35-20-15 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	2
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	1	0	0
20	0	0	4	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	2	0
26	0	0	0	2	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0	0	0.2	0.1	0.1
Max.	0	0	4	2	2
Min.	0	0	0	0	0
A.F.	0	0	10	10	4

Water returned  
24 A.F.

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.	Oct. '58
1	0	6	5	3	6	3
2	0	6	5	3	6	3
3	0	6	5	3	6	2
4	0	6	5	3	6	0
5	0	6	4	2	7	0
6	0	6	4	0	8	0
7	0	6	3	1	8	0
8	0	6	2	2	8	0
9	0	6	3	2	8	0
10	0	6	2	2	5	0
11	0	6	2	2	3	0
12	0	6	2	1	3	0
13	0	6	3	0	3	0
14	0	6	3	0	3	0
15	0	6	3	1	3	0
16	0	7	3	2	2	0
17	0	7	3	3	1	0
18	0	5	3	3	3	0
19	1	5	6	3	3	0
20	3	5	7	2	3	0
21	2	5	7	3	3	0
22	0	5	7	3	3	0
23	1	5	6	3	2	0
24	1	5	7	3	2	0
25	2	5	6	3	2	0
26	3	5	4	5	2	0
27	3	5	5	5	1	0
28	3	5	3	5	2	0
29	5	4	0	6	2	0
30	5	5	2	7	3	0
31	5	-	3	7	-	0
Mean	1	6	4	3	4	0.3
Max.	5	7	7	7	8	3
Min.	0	4	0	0	1	0
A.F.	70	330	240	180	230	20

Water returned  
1070 A.F.

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.	Oct. '58
1	0	8	3	11	12	11
2	0	6	3	3	13	5
3	0	6	6	7	15	6
4	0	7	11	10	16	0
5	0	7	10	6	18	0
6	0	6	9	3	20	0
7	0	5	6	9	20	0
8	0	6	4	10	20	0
9	0	9	12	6	10	0
10	0	6	11	6	3	0
11	0	8	5	5	3	0
12	0	6	2	0	8	0
13	0	6	7	1	12	0
14	0	6	9	3	14	0
15	0	3	4	4	17	0
16	0	5	2	4	1	0
17	1	5	0	4	4	0
18	10	5	2	5	16	0
19	6	5	4	4	14	0
20	1	7	9	4	6	0
21	0	8	5	6	5	0
22	0	7	12	6	7	0
23	0	6	13	8	7	0
24	0	5	16	10	5	0
25	0	5	21	11	3	0
26	0	4	18	11	0	0
27	0	3	22	11	3	0
28	0	0	2	9	8	0
29	3	0	0	9	13	0
30	4	2	8	11	10	0
31	8	-	15	11	-	0
Mean	1	5	8	7	10	0.7
Max.	10	9	22	11	20	11
Min.	0	0	0	0	0	0
A.F.	60	320	500	410	600	40
Water returned						
1930 A.F.						

DAILY DIVERSIONS OF CANALS--1958

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
BURWELL-SUMTER SPILLWAY AT 8.22 returned to North Loup River  
Measured through 8-foot weir--Sec. 10-20-13 W.

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

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	2	0	0	0
4	0	2	0	0	0
5	0	0	2	0	0
6	0	0	1	0	0
7	0	0	2	0	0
8	0	0	0	0	0
9	0	0	1	0	0
10	0	0	2	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	3	0	18	0	0
20	0	0	12	0	0
21	0	0	30	0	0
22	0	0	9	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0.1	0.1	2	0	0
Max.	3	2	30	0	0
Min.	0	0	0	0	0
A.F.	5	10	150	0	0
Water returned					
165 A.F.					
From spot gage readings.					

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.	Oct. '58
1	0	4	5	9	5	8
2	0	4	5	9	7	10
3	0	3	1	9	8	5
4	0	2	6	12	4	0
5	0	3	6	12	3	0
6	0	3	6	8	8	0
7	0	3	6	10	8	0
8	0	4	6	10	8	0
9	0	4	8	9	12	0
10	0	3	8	9	10	0
11	0	4	7	7	8	0
12	0	5	5	6	6	0
13	0	3	4	6	6	0
14	0	3	5	6	6	0
15	0	3	4	6	6	0
16	0	2	2	6	6	0
17	0	2	4	7	6	0
18	0	2	3	7	7	0
19	0	1	7	5	7	0
20	2	1	11	6	7	0
21	3	1	10	4	8	0
22	1	1	4	4	7	0
23	1	1	8	5	7	0
24	1	1	14	6	4	0
25	3	1	15	7	8	0
26	3	2	13	6	8	0
27	2	2	12	6	10	0
28	4	1	5	6	11	0
29	4	0	3	3	10	0
30	5	4	12	0	8	0
31	5	-	10	3	-	0
Mean	1	3	7	7	7	0.7
Max.	5	5	15	12	12	10
Min.	0	0	1	0	3	0
A.F.	70	160	430	410	430	40
Water returned						
1550 A.F.						

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	1
4	0	0	0	1	0
5	0	0	0	2	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	8	1	0
21	0	0	10	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	1	0	0
25	0	0	2	0	0
26	0	0	0	0	0
27	0	0	0	3	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	1	0	0
31	0	-	0	2	-
Mean	0	0	0.7	0.3	0
Max.	0	0	10	3	1
Min.	0	0	0	0	0
A.F.	0	0	40	15	2
Water returned	57 A.F.				

DAILY DIVERSIONS OF CANALS--1958

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
ORD-NORTH LOUP SPILLWAY AT 4.80 returned to North Loup River  
Measured through 8-foot weir--Sec. 32-19-13 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	1	0
14	0	0	0	1	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	-
Mean	0	0	0	0.1	0
Max.	0	0	0	1	0
Min.	0	0	0	0	0
A.F.	0	0	0	5	0
Water returned	5 A.F.				

DAILY DIVERSIONS OF CANALS--1958

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
ORD-NORTH LOUP SPILLWAY AT 11.71 returned to North Loup River  
Measured through 8-foot weir--Sec. 27-18-13 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	3	0	0	0	0
22	0	0	0	0	0
23	0	0	0	19	0
24	0	0	0	11	0
25	0	0	0	7	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0.1	0	0	1	0
Max.	3	0	0	19	0
Min.	0	0	0	0	0
A.F.	5	0	0	70	0
Water returned	75 A.F.				
From spot gage heights					

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.	Oct. '58
1	0	2	7	5	7	7
2	0	3	7	3	9	5
3	0	3	7	3	9	2
4	0	4	6	5	8	0
5	0	2	6	4	9	0
6	0	3	7	3	9	0
7	0	4	7	1	9	0
8	0	4	6	1	9	0
9	0	5	11	3	5	0
10	0	5	9	2	4	0
11	0	6	9	3	4	0
12	0	7	9	4	4	0
13	0	6	12	5	4	0
14	0	6	11	5	4	0
15	0	7	11	5	4	0
16	0	6	9	5	4	0
17	0	6	9	5	6	0
18	0	6	9	4	5	0
19	0	6	8	4	7	0
20	0	6	4	4	7	0
21	0	6	2	5	6	0
22	0	7	2	8	5	0
23	1	7	2	11	4	0
24	1	7	7	13	4	0
25	3	7	6	11	4	0
26	2	6	6	7	6	0
27	2	6	6	4	6	0
28	1	7	6	5	6	0
29	1	7	7	7	7	0
30	1	6	5	7	8	0
31	2	-	5	6	-	0
Mean	0.5	5	7	5	6	0.5
Max.	3	7	12	13	9	7
Min.	0	2	2	1	4	0
A.F.	30	320	440	320	360	30
Water returned	1500 A.F.					

DAILY DIVERSIONS OF CANALS--1958

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1958

	May	June	July	Aug.	Sept.	Oct.	Total
<b>Diversions:</b>							
Taylor-Ord.....	1310	1980	3940	9890	4510	0	21630
Burwell-Sumter.....	780	2050	2960	5140	1820	0	12750
Ord-North Loup.....	450	1660	950	3950	1350	0	8360
<b>Total diversions.....</b>	<b>2540</b>	<b>5690</b>	<b>7850</b>	<b>18980</b>	<b>7680</b>	<b>0</b>	<b>42740</b>
<b>Return through spillways:</b>							
Taylor-Ord.....	170	650	790	600	835	60	3105
Burwell-Sumter.....	75	170	620	425	432	40	1762
Ord-North Loup.....	35	320	440	395	363	30	1583
<b>Total returned.....</b>	<b>280</b>	<b>1140</b>	<b>1850</b>	<b>1420</b>	<b>1630</b>	<b>130</b>	<b>6450</b>
<b>Net diverted.....</b>	<b>2260</b>	<b>4550</b>	<b>6000</b>	<b>17560</b>	<b>6050</b>	<b>-130</b>	<b>36290</b>

\*Returned through Spillways on October 1, 2, and 3, 1958.

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	69	0	79	174	228	194
2	69	0	68	213	228	227
3	64	0	64	175	233	247
4	60	0	83	168	239	236
5	64	0	101	164	247	206
6	67	0	111	153	241	192
7	94	0	111	171	246	171
8	91	0	114	188	249	181
9	74	0	134	194	247	183
10	83	0	142	177	252	177
11	87	0	123	111	253	182
12	80	0	125	178	253	173
13	69	0	107	136	249	186
14	60	0	104	123	250	124
15	4	0	108	168	249	61
16	3	0	117	129	151	56
17	3	0	79	96	144	34
18	6	0	106	109	148	38
19	2	24	88	85	182	79
20	0	67	69	45	183	67
21	0	58	72	40	186	51
22	0	51	73	29	197	46
23	0	51	69	30	171	43
24	0	56	101	74	129	40
25	0	51	89	129	164	39
26	0	49	96	126	167	40
27	0	64	88	66	185	37
28	0	49	87	145	230	38
29	0	60	92	181	232	37
30	0	54	105	182	216	24
31	0	64	---	216	192	---
Mean	34	23	97	153	211	114
Max.	94	67	142	216	253	247
Min.	0	0	64	29	144	24
A.F.	2080	1380	5760	8280	12970	6760
Water diverted	37230 A.F.					
	D-635 14067					

DAILY DIVERSIONS OF CANALS--1958

NORTHPORT CANAL from North Platte River  
Measured at Tri-State headgate--Sec. 10-23-58 W.

Date	May	June	July	Aug.	Sept.
1	0	188	12	130	94
2	0	179	102	143	84
3	0	177	139	153	109
4	0	144	210	173	86
5	0	100	143	152	93
6	0	43	156	148	86
7	0	65	166	137	87
8	0	22	152	143	83
9	0	104	150	138	84
10	0	129	134	138	43
11	0	131	85	138	91
12	0	109	101	140	82
13	0	118	110	134	71
14	0	134	140	137	79
15	0	78	138	141	81
16	0	0	126	144	53
17	0	0	152	149	21
18	0	0	196	158	0
19	0	0	132	146	0
20	0	0	234	118	0
21	0	0	0	118	0
22	49	0	0	111	0
23	183	0	0	138	0
24	196	0	0	147	0
25	180	0	0	156	0
26	180	0	0	137	22
27	144	0	0	122	17
28	130	0	80	128	0
29	175	0	91	96	162
30	174	39	141	115	104
31	134	---	133	103	---
Mean	50	59	104	136	54
Max.	196	188	234	173	162
Min.	0	0	0	96	0
A.F.	3060	3490	6380	8390	3240
Water diverted	24560 A.F.				
	Pathfinder Storage included				

DAILY DIVERSIONS OF CANALS--1958

NORTHPORT CANAL from Drains  
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	39	131	177	236
2	0	19	149	173	234
3	0	19	109	173	229
4	0	19	26	161	228
5	0	63	50	168	231
6	0	87	61	170	228
7	0	91	63	177	227
8	0	115	62	175	227
9	0	50	62	176	232
10	0	29	73	176	231
11	0	29	132	185	225
12	0	28	135	184	224
13	0	26	138	184	230
14	0	26	137	183	228
15	0	25	141	179	227
16	0	0	149	180	231
17	0	0	148	179	232
18	0	0	97	178	214
19	0	0	35	182	182
20	0	0	29	205	171
21	69	0	0	202	171
22	69	0	0	215	173
23	34	0	0	195	168
24	35	0	0	181	204
25	35	0	0	180	212
26	35	0	34	191	248
27	70	0	134	216	248
28	93	0	185	220	238
29	61	0	181	224	93
30	55	25	175	229	54
31	95	--	173	233	--
Mean	21	23	91	189	209
Max.	95	115	185	233	248
Min.	0	0	0	161	54
A.F.	1280	1370	5570	11610	12450
Water diverted	32280 A.F.				

DAILY DIVERSIONS OF CANALS--1958

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT  
Summary in Acre-feet--1958

	Section Township Range	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River	10-23-58	3060	3490	6380	8390	3240	24560
*Sheep Creek	17-23-57	530	550	2310	5980	6030	15400
*Akers Draw	12-23-57	200	320	520	740	810	2590
*Tub Springs	27-33-55	410	30	1590	2280	2140	6450
*Spotted Tail, Dry	9-23-56	0	0	290	940	1510	2740
*Spotted Tail, Wet	10-23-56	140	470	860	1670	1960	5100
*Hoffat Draw	25-22-53	0	0	0	0	0	0
*Alliance Draw	18-22-53	0	0	0	0	0	0
Total diversion		4340	4860	11950	20000	15690	56840

Acreage reported  
A-768 16109

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

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.	
1	10	0	0	0	0	10	
2	14	0	0	0	0	12	
3	11	0	0	0	0	14	
4	8	0	0	0	0	14	
5	8	0	0	0	8	8	
6	8	0	0	0	11	10	
7	9	0	0	0	6	9	
8	3	0	0	0	3	8	
9	0	0	0	0	1	8	
10	0	0	0	0	0	6	
11	0	0	0	0	8	5	
12	0	0	0	0	17	8	
13	0	0	0	0	16	8	
14	0	0	0	5	16	9	
15	0	0	0	2	14	8	
16	0	0	0	2	0	10	
17	0	0	0	1	0	11	
18	0	0	0	2	9	11	
19	0	0	0	14	18	11	
20	0	0	0	8	16	7	
21	0	0	0	0	11	5	
22	0	0	0	0	12	7	
23	0	0	0	0	11	8	
24	0	0	0	0	6	8	
25	0	0	0	0	7	11	
26	0	0	0	0	8	13	
27	0	0	0	0	11	13	
28	0	0	0	1	12	13	
29	0	0	0	1	11	16	
30	0	0	0	0	9	20	
31	0	0	0	0	8	--	
Mean	2	0	0	1	8	10	
Max.	14	0	0	14	18	20	
Min.	0	0	0	0	0	5	
A.F.	140	0	0	70	490	600	
Water diverted	1300 A.F.		Acreage reported				1743
			D-797				

DAILY DIVERSIONS OF CANALS--1958

ORCHARD-ALFALFA CANAL from Platte River  
Measured through rating flume--Sec. 9-10-24 W.

Date	May	June	July	Aug.	Sept.	
1	0	10	11	30	34	
2	0	9	13	38	29	
3	0	14	12	44	29	
4	0	14	8	43	27	
5	0	12	11	10	24	
6	0	9	15	9	20	
7	0	8	17	12	16	
8	0	10	16	16	16	
9	0	11	15	22	16	
10	0	10	16	28	16	
11	4	15	20	21	16	
12	4	18	0	55	14	
13	4	3	0	58	11	
14	5	3	0	60	14	
15	8	0	5	17	9	
16	9	0	11	13	8	
17	5	0	11	10	8	
18	1	0	13	7	7	
19	4	3	10	4	7	
20	8	9	0	8	7	
21	8	8	0	11	6	
22	8	8	0	13	5	
23	8	9	0	12	4	
24	8	9	0	13	10	
25	7	9	0	12	19	
26	6	9	0	14	19	
27	5	9	0	16	10	
28	6	9	5	15	3	
29	6	10	11	27	0	
30	6	10	18	45	0	
31	9	--	26	38	--	
Mean	4	8	9	24	13	
Max.	9	18	26	60	34	
Min.	0	0	0	4	0	
A.F.	260	490	520	1470	800	
Water diverted	3540 A.F.		Acreage reported			5950
			D-527			

DAILY DIVERSIONS OF CANALS--1958

OWASCO CANAL from Lodgepole Creek--Measured  
through rating flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.	
1	0	7	2	0	8	
2	0	8	2	10	9	
3	0	13	3	10	11	
4	0	13	3	8	12	
5	0	12	2	8	9	
6	0	9	2	7	8	
7	0	8	2	7	6	
8	0	7	3	6	6	
9	0	6	3	2	11	
10	0	6	4	3	13	
11	0	4	8	6	9	
12	0	5	8	9	9	
13	0	5	8	10	8	
14	0	15	6	6	4	
15	0	6	6	6	7	
16	0	6	7	7	12	
17	0	5	10	7	11	
18	0	6	10	7	8	
19	0	6	11	7	10	
20	0	6	12	5	12	
21	0	0	0	9	11	
22	0	0	0	8	8	
23	0	0	0	9	8	
24	0	0	0	8	9	
25	0	0	0	6	12	
26	0	0	0	7	9	
27	0	0	0	6	9	
28	0	2	0	5	6	
29	5	2	0	7	7	
30	6	1	0	7	9	
31	6	--	0	8	--	
Mean	1	5	4	7	9	
Max.	6	15	12	10	12	
Min.	0	0	0	0	4	
A.F.	30	310	220	420	540	
Water diverted	1520 A.F.		Acreage reported			83
			D-347R		89	
			A-725		689	
			Total			772

DAILY DIVERSIONS OF CANALS--1958

PAISLEY CANAL from Blue Creek--Measured  
through rating flume--Sec. 6-16-42 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	15	17	0	0	20	0	15
2	15	7	0	0	21	0	15
3	16	0	0	0	21	2	15
4	16	0	0	0	23	7	16
5	16	0	0	0	21	12	17
6	17	0	0	0	20	14	16
7	18	0	0	0	16	14	16
8	18	0	0	0	6	17	16
9	17	0	0	0	6	19	17
10	18	0	0	0	14	18	17
11	17	0	0	0	21	22	16
12	17	0	0	0	24	19	12
13	18	0	0	0	26	18	13
14	22	0	0	0	22	15	14
15	19	0	0	0	23	10	14
16	17	0	0	0	24	9	15
17	17	0	0	1	21	15	15
18	18	0	0	2	15	15	15
19	19	0	0	4	0	13	14
20	17	0	0	2	0	14	14
21	14	0	0	2	0	13	13
22	14	0	0	2	0	9	13
23	14	0	0	2	0	10	12
24	16	0	0	2	0	14	12
25	17	0	0	3	0	16	14
26	17	0	0	3	0	16	14
27	17	0	0	8	0	16	14
28	17	0	0	17	0	16	16
29	17	0	0	18	0	16	21
30	17	0	0	19	0	16	22
31	17	--	0	--	0	15	--
Mean	17	1	0	3	11	13	15
Max.	22	17	0	19	26	22	22
Min.	14	0	0	0	0	0	12
A.F.	1040	50	0	170	680	810	900
Water diverted	3650 A.F.		Acreage reported				815
			Crescent Lake Storage included			95	
			A-1738			161	
			Total			1071	

DAILY DIVERSIONS OF CANALS--1958

PAXTON-BERSHEY CANAL from North Platte River  
Measured through Marshall Flume--Sec. 18-14-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	33	0	0	56	73	70
2	37	0	0	79	71	76
3	37	0	0	53	81	77
4	37	0	0	56	100	80
5	37	0	0	38	108	73
6	37	0	0	54	125	59
7	24	0	0	56	124	58
8	25	0	12	57	130	54
9	36	0	35	58	125	64
10	35	0	48	48	106	61
11	36	0	49	38	119	42
12	35	0	53	40	129	40
13	34	0	38	44	132	43
14	32	0	25	43	129	41
15	9	0	25	47	119	48
16	0	0	16	64	38	48
17	0	0	7	53	0	47
18	0	0	11	58	30	10
19	0	0	16	58	62	0
20	0	0	15	38	67	0
21	0	0	16	50	80	0
22	0	0	16	44	84	1
23	0	0	13	41	61	12
24	0	0	9	41	28	25
25	0	0	19	48	49	25
26	0	0	21	65	52	29
27	0	0	33	68	50	30
28	0	0	30	85	70	32
29	0	0	26	88	77	31
30	0	0	24	75	64	32
31	0	0	—	87	57	—
Mean	16	0	19	56	82	40
Max.	37	0	53	88	132	80
Min.	0	0	0	38	0	0
A.F.	960	0	1100	3430	5040	2400

Water diverted 12930

Acreege reported  
D-653 7198

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	5	1	0	4
2	0	7	2	0	4
3	0	7	4	0	6
4	0	7	4	0	5
5	0	7	1	0	4
6	0	6	0	0	5
7	0	6	0	0	5
8	0	5	0	0	5
9	0	6	0	0	6
10	0	6	6	0	7
11	0	6	3	0	5
12	0	8	1	0	2
13	0	7	0	0	0
14	0	8	0	0	0
15	0	12	0	0	0
16	0	13	0	0	0
17	0	6	0	0	0
18	0	5	0	0	0
19	0	5	0	0	0
20	0	7	0	0	0
21	1	4	0	0	0
22	3	4	0	0	0
23	9	4	0	0	0
24	8	4	0	0	0
25	7	4	0	0	0
26	8	4	0	0	0
27	9	3	0	0	0
28	9	2	0	0	0
29	7	1	0	0	0
30	6	1	0	0	0
31	4	—	0	0	—
Mean	2	6	0.7	0	2
Max.	9	13	6	0	7
Min.	0	1	0	0	0
A.F.	140	340	40	0	120

Water diverted 640 A.F.

Acreege reported  
D-442a 448  
A-3812 55  
A-4599 15  
Total 518

DAILY DIVERSIONS OF CANALS--1958

POTMESILL CANAL from Niobrara River--Measured  
through 3-foot Marshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	9	8	4	7
2	0	9	8	4	7
3	0	9	4	8	7
4	0	9	0	8	5
5	0	9	0	9	4
6	0	9	0	8	4
7	0	9	0	8	4
8	0	9	0	8	4
9	0	9	0	8	4
10	0	9	0	8	4
11	0	9	0	7	4
12	0	9	0	9	4
13	0	9	2	9	4
14	9	9	7	8	4
15	9	7	6	8	4
16	9	0	4	7	3
17	9	0	4	7	0
18	9	0	4	5	0
19	9	0	4	6	0
20	9	0	4	9	0
21	9	0	4	9	0
22	9	0	4	9	0
23	9	0	4	7	0
24	9	0	4	0	0
25	9	0	4	1	0
26	8	0	4	6	0
27	9	0	4	8	0
28	8	0	4	8	0
29	8	1	4	8	0
30	8	8	4	8	0
31	8	—	4	8	—
Mean	5	5	3	7	2
Max.	9	9	8	9	7
Min.	0	0	0	0	0
A.F.	310	280	200	440	140

Water diverted 1370 A.F.

Acreege reported  
A-2566 472

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	9	0	23	14	11	18
2	8	0	37	19	14	15
3	6	0	18	24	15	19
4	4	0	21	28	14	27
5	3	0	25	22	13	27
6	3	0	24	15	14	25
7	2	0	23	18	14	7
8	1	0	26	18	14	6
9	1	0	36	19	15	7
10	2	0	30	21	16	7
11	2	0	23	19	16	7
12	2	0	19	22	17	13
13	2	0	16	23	17	13
14	2	0	7	24	16	13
15	2	0	6	27	15	13
16	2	0	5	30	15	13
17	2	0	5	28	14	13
18	2	0	10	19	16	13
19	2	0	13	17	15	13
20	2	0	14	8	15	13
21	2	0	14	12	13	13
22	2	0	15	10	14	13
23	2	0	10	15	17	14
24	1	0	9	14	14	14
25	1	0	9	13	9	14
26	1	0	14	13	10	14
27	1	0	15	16	11	14
28	1	0	15	13	13	14
29	1	0	17	14	15	14
30	1	4	15	17	16	8
31	1	14	—	13	25	—
Mean	2	1	17	18	15	14
Max.	9	14	37	30	25	26
Min.	1	0	5	8	9	6
A.F.	140	60	1020	1120	900	820

Water diverted 4060 A.F.

Acreege reported  
D-445 1652



DAILY DIVERSIONS OF CANALS--1958

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

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

Note: Record from intermittent readings by gage observer.

Supplemental storage available

Acres reported  
D- 18 349  
A-167 170  
Total 519

DAILY DIVERSIONS OF CANALS--1958

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

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

Mean 0 2 1 2 2  
Max. 0 6 4 3 3  
Min. 0 0 0 0 0  
A.F. 0 110 90 120 130  
Water diverted 450 A.F.  
Acres reported  
D-350 R 22  
A-727 35  
A-857 92  
A-869 44  
Total 193

DAILY DIVERSIONS OF CANALS--1958

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

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

Mean 0 0 27 2 0  
Max. 0 0 5 3 2  
Min. 0 0 0 0 0  
A.F. 0 0 160 140 10  
Water diverted 310 S.F.

Acres reported  
D- 345 116  
D- 350 51  
A- 718 R 48  
A-1828 14  
Total 229

DAILY DIVERSIONS OF CANALS--1958

SARGENT CANAL from Middle Loup River  
Measured through 10' Farshall Flume--Sec. 32-21-21 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	15	0	42	46	33	28	82
2	22	0	41	46	34	29	83
3	19	0	37	47	33	41	90
4	14	0	38	49	33	69	91
5	13	0	39	48	33	71	87
6	14	0	38	48	33	76	88
7	14	0	39	48	32	84	89
8	14	0	41	48	36	94	77
9	13	0	48	44	39	91	60
10	13	0	47	41	41	94	56
11	13	0	46	42	44	138	55
12	12	0	49	43	44	142	54
13	12	0	50	41	46	139	53
14	12	0	52	38	69	133	55
15	12	0	49	38	77	130	49
16	12	0	48	38	77	132	46
17	12	0	50	39	81	129	46
18	12	0	50	39	85	126	46
19	13	0	51	39	89	109	45
20	14	0	48	40	88	102	46
21	13	9	55	39	86	102	47
22	14	25	56	40	85	101	30
23	13	15	57	39	86	98	25
24	12	16	58	39	67	94	25
25	12	13	56	41	43	93	24
26	12	14	52	39	43	82	19
27	12	18	57	23	36	84	19
28	11	37	56	23	27	85	20
29	10	44	56	35	26	86	15
30	11	42	58	33	29	86	15
31	7	-	51	-	29	83	-

Mean 13 8 49 40 52 95 51  
Max. 22 44 58 49 89 142 91  
Min. 7 0 37 23 26 28 15  
A.F. 800 460 3000 2410 3180 5850 3050  
Water diverted 18750 A. F.

Acres reported  
A-4841a 13317

DAILY DIVERSIONS OF CANALS—1930

SARGENT WASTEWAY MILE 20.6 from Sargent Canal  
Measured through 10' Parshall Flume—Sec. 30-20-18 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	6	0	9	6	3	7	9
2	7	0	9	6	3	7	7
3	8	0	9	7	4	7	6
4	7	0	10	8	3	16	5
5	5	0	9	7	2	15	10
6	5	0	4	8	2	16	16
7	4	0	3	9	3	9	16
8	5	0	4	9	6	4	24
9	5	0	3	11	2	3	18
10	4	0	4	5	4	2	11
11	5	0	2	4	5	9	10
12	5	0	3	6	4	8	10
13	5	0	7	6	5	6	9
14	7	0	10	5	7	5	12
15	8	0	9	4	15	3	12
16	6	0	8	6	10	5	15
17	6	0	8	8	7	9	19
18	5	0	3	7	5	9	24
19	6	0	7	7	9	10	24
20	8	0	6	9	11	18	25
21	7	0	5	8	21	21	25
22	6	0	6	8	32	24	19
23	8	0	6	8	35	26	6
24	6	0	5	7	37	25	5
25	6	0	3	8	16	26	6
26	6	0	2	9	15	15	3
27	7	0	3	8	17	8	2
28	7	0	4	1	8	8	2
29	5	3	6	3	7	9	2
30	5	3	6	5	7	9	0
31	11	-	8	-	8	9	-
Mean	6	0.2	6	7	10	11	12
Max.	11	3	10	11	37	26	25
Min.	4	0	2	1	2	2	0
A.F.	380	10	370	400	620	690	700
Water returned	3170 A.F.						

DAILY DIVERSIONS OF CANALS—1958

SARGENT WASTEWAY MILE 26.0 returned to Middle Loup River  
Measured through 11.5' rating flume—Sec. 36-20-18 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	4	5	0	13
2	0	0	0	6	5	0	4
3	0	0	0	5	5	0	8
4	0	0	0	6	5	7	15
5	0	0	0	7	5	23	15
6	0	0	0	7	6	18	10
7	0	0	0	7	6	12	15
8	0	0	0	7	0	10	16
9	0	0	0	7	0	7	0
10	0	0	0	7	0	2	0
11	0	0	0	7	0	15	6
12	0	0	0	7	0	31	0
13	0	0	6	9	0	17	0
14	0	0	9	8	4	16	0
15	0	0	9	8	4	13	0
16	0	0	6	8	4	17	0
17	0	0	6	5	4	17	0
18	0	0	6	5	5	25	0
19	0	0	6	5	5	32	0
20	0	0	6	5	33	9	0
21	0	0	5	5	33	4	0
22	0	0	6	0	27	11	0
23	0	0	6	6	17	11	0
24	0	0	6	5	16	12	0
25	0	0	7	5	15	12	0
26	0	0	7	5	3	4	0
27	0	0	6	5	3	9	0
28	0	0	7	5	2	9	0
29	0	0	7	0	2	17	0
30	0	0	8	5	0	12	0
31	0	-	8	-	0	13	-
Mean	0	0	4	6	7	12	3
Max.	0	0	9	9	33	32	16
Min.	0	0	0	0	0	0	0
A.F.	0	0	250	340	420	760	200
Water returned	1970A.F.						

DAILY DIVERSIONS OF CANALS--1958

SARGENT WASTEWAY MILE 40.1 returned to Middle Loup River  
Measured over 6-foot weir--Sec. 23-19-17 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	4	2	5	6
2	0	0	0	2	2	4	7
3	0	0	0	3	4	5	8
4	0	0	0	3	5	6	3
5	0	0	0	2	4	1	6
6	0	0	0	2	4	3	6
7	0	0	0	3	4	7	3
8	0	0	0	2	4	4	4
9	0	0	0	4	5	5	9
10	0	0	0	3	4	7	5
11	0	0	0	2	9	7	1
12	0	0	0	4	9	4	4
13	0	0	4	4	9	4	4
14	0	0	4	3	4	8	8
15	0	0	3	4	8	9	8
16	0	0	4	4	6	10	7
17	0	0	3	3	7	10	6
18	0	0	3	3	8	7	4
19	0	0	2	3	9	7	4
20	0	0	2	4	4	6	4
21	0	0	3	5	4	6	5
22	0	0	2	5	4	5	6
23	0	0	3	5	4	7	6
24	0	0	1	5	0	0	4
25	0	0	2	5	4	6	9
26	0	0	4	5	5	6	2
27	0	0	2	5	8	6	4
28	0	0	3	4	6	9	5
29	0	0	4	1	1	5	6
30	0	0	4	1	2	6	6
31	0	-	5	-	5	6	-
Mean	0	0	2	3	5	6	5
Max.	0	0	4	5	5	10	9
Min.	0	0	0	1	1	1	1
A.F.	0	0	120	200	320	270	310

Water returned  
1320 A.F.

DAILY DIVERSIONS OF CANALS--1958

SUMMARY  
SARGENT CANAL, A-4841a  
1958 Water Year  
Values in Acre-Foot

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
DIVERSION	800	460	3000	2410	3180	5850	3050	18750
SPILL AT MILE 20.6	380	10	370	400	620	690	700	3170
SPILL AT MILE 26.0	0	0	250	340	420	760	200	1970
TERMINAL SPILL AT MILE 40.1	0	0	120	200	320	370	310	1320
NET DIVERSION	420	450	2260	1470	1820	4030	1840	12290

Acreage reported  
A-4841a 13317

DAILY DIVERSIONS OF CANALS--1958

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

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

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

Date	May	June	July	Aug.	Sept.
1	0	0	4	7	5
2	0	0	4	7	5
3	0	0	4	7	5
4	0	0	4	7	5
5	0	0	4	7	6
6	0	0	5	7	6
7	0	0	5	7	6
8	0	0	5	7	6
9	0	0	5	7	6
10	0	4	5	6	6
11	0	4	5	6	6
12	0	5	5	6	6
13	0	5	5	6	6
14	0	5	5	5	6
15	0	5	5	5	6
16	0	5	5	5	6
17	0	5	5	5	6
18	0	5	6	5	6
19	0	5	6	6	6
20	0	5	7	6	6
21	0	5	7	6	6
22	0	5	7	6	6
23	0	5	7	6	6
24	0	5	7	6	6
25	0	5	7	6	6
26	0	5	7	5	6
27	0	5	7	5	6
28	0	5	7	5	6
29	0	4	7	5	6
30	0	4	7	5	5
31	0	-	7	5	-
Mean	0	3	6	6	6
Max.	0	5	7	7	6
Min.	0	0	4	5	5
A.F.	0	200	350	360	350
Water diverted	1260 A.F.				

DAILY DIVERSIONS OF CANALS--1958

SHERIDAN-WILSON DIVERSION  
Summary in Acre-Feet-- 1958

Diversion:	May	June	July	Aug.	Sept.	Total
North Platte River	0	0	0	0	0	0
Sarben Slough	0	200	350	360	350	1260
Total diversion	0	200	350	360	350	1260
Water diverted	1260 A.F.					
	Acreage reported					
	D-710					676

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	20	0	21	32	16	21
2	18	0	0	53	24	22
3	12	0	0	50	26	24
4	13	0	0	32	26	24
5	14	0	0	32	26	24
6	16	0	0	36	28	22
7	18	0	0	42	30	24
8	16	0	0	46	24	25
9	16	0	0	43	26	22
10	14	0	0	40	26	22
11	6	0	0	26	25	18
12	0	0	0	22	26	19
13	0	0	0	25	28	20
14	0	0	0	30	30	20
15	0	0	0	26	28	20
16	0	0	0	30	20	17
17	0	0	0	32	17	18
18	0	0	0	17	17	18
19	0	0	0	0	24	18
20	0	0	0	0	26	18
21	0	0	0	0	23	19
22	0	0	0	0	21	17
23	0	0	0	0	24	16
24	0	0	0	0	22	18
25	0	0	0	0	24	18
26	0	0	4	0	22	19
27	0	0	24	0	18	22
28	0	22	26	8	19	26
29	0	32	31	15	23	13
30	0	30	34	16	24	0
31	0	30	---	17	20	---
Mean	5	4	5	22	24	19
Max.	20	32	34	53	30	26
Min.	0	0	0	0	16	0
A.F.	320	230	280	1330	1450	1160
Water diverted				Acreage reported		
	4770 A.F.			D-946 2800		

DAILY DIVERSIONS OF CANALS--1958

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

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	5	0
5	0	1	0	12	0
6	0	0	0	13	0
7	0	0	0	8	0
8	0	0	0	9	0
9	0	0	0	7	0
10	0	0	0	8	0
11	0	0	0	13	0
12	0	0	0	12	0
13	0	0	0	13	0
14	0	0	0	16	0
15	0	0	0	16	0
16	0	0	0	5	0
17	0	0	0	3	0
18	0	0	0	4	0
19	0	0	0	4	0
20	0	0	0	3	0
21	0	0	0	2	0
22	0	0	0	1	0
23	2	0	0	1	0
24	3	0	0	0	0
25	2	0	0	0	0
26	1	0	0	0	0
27	1	0	0	0	0
28	1	0	0	0	0
29	1	0	0	0	0
30	1	0	0	0	0
31	1	-	0	0	-
Mean	0	0	0	1	0
Max.	3	1	0	16	0
Min.	0	0	0	0	0
A.F.	30	10	0	310	0
Water diverted				Acreage reported	
	350 A.F.			R-680 1173	
	Sutherland storage available				

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	1	0	0	3
2	0	1	0	0	2
3	0	1	0	0	1
4	0	1	0	0	1
5	0	1	0	0	1
6	0	1	0	0	0
7	0	2	0	0	0
8	0	2	0	0	1
9	0	3	0	0	2
10	0	4	0	0	2
11	0	5	0	1	1
12	0	1	0	1	1
13	0	0	0	1	5
14	0	0	0	1	4
15	0	0	0	2	4
16	0	0	0	2	3
17	0	0	0	3	3
18	0	0	0	3	3
19	0	0	0	5	2
20	0	0	0	5	2
21	0	0	0	5	1
22	0	0	0	4	1
23	0	0	0	4	0
24	0	0	0	4	0
25	0	0	0	3	0
26	2	0	0	3	0
27	2	0	0	3	0
28	2	0	0	3	0
29	2	0	0	3	0
30	2	0	0	3	0
31	2	-	0	3	-
Mean	0.4	1	0	2	1
Max.	2	5	0	5	5
Min.	0	0	0	0	0
A.F.	20	50	0	120	90
Water diverted	280 A.F.		Acreage reported		
			D-485 200		

DAILY DIVERSIONS OF CANALS--1958

SPOHN CANAL from North Platte River  
Measured through Parshall flume--Sec. 24-17-45 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	0	0	0	7
2	6	0	0	0	0	7
3	6	0	5	0	0	5
4	6	0	4	0	0	5
5	5	0	0	0	0	5
6	5	0	0	0	0	12
7	4	0	0	0	0	12
8	4	0	0	0	0	11
9	4	0	0	9	0	11
10	4	0	0	6	0	12
11	3	0	0	5	0	12
12	3	0	0	4	0	3
13	2	0	2	3	1	3
14	2	0	0	2	1	3
15	1	0	0	10	1	2
16	1	0	1	11	6	2
17	1	0	2	6	2	0
18	1	0	0	5	5	0
19	1	0	0	18	5	0
20	1	0	0	20	6	0
21	1	0	0	19	6	0
22	1	0	0	19	6	0
23	1	0	0	19	6	0
24	1	0	0	18	6	0
25	1	0	0	18	10	0
26	0	0	0	17	10	0
27	0	0	0	17	9	0
28	0	0	0	2	8	0
29	0	0	0	2	8	0
30	0	0	0	1	6	2
31	0	0	-	0	6	-
Mean	2	0	1	7	4	4
Max.	6	0	5	20	10	12
Min.	0	0	0	0	0	0
A.F.	140	0	30	460	210	220
Water diverted	1060 A.F.			Acreage reported		
				D-801 968		
				D-803R 168		
				Total 1036		

SUBURBAN CANAL from North Platte River  
Measured through Parshall flume-- Sec. 9-14-32 W.

Date	May	June	July	Aug.	Sept.
1	0	0	88	101	111
2	0	0	119	100	106
3	0	0	101	100	95
4	0	0	111	91	107
5	0	0	80	121	126
6	0	5	95	135	129
7	0	67	99	128	129
8	0	88	96	123	126
9	0	54	109	126	123
10	0	36	78	133	121
11	0	33	73	144	121
12	0	35	80	144	125
13	0	34	91	134	107
14	0	52	79	136	59
15	0	61	69	141	27
16	0	63	63	94	25
17	0	65	45	87	24
18	0	45	75	63	22
19	0	15	85	48	20
20	0	15	60	25	18
21	0	14	61	35	17
22	0	26	56	67	17
23	0	51	48	80	16
24	0	48	42	69	9
25	0	78	38	69	0
26	0	97	79	82	0
27	0	95	104	98	0
28	0	91	62	92	0
29	0	37	80	96	0
30	0	52	86	84	0
31	0	—	94	104	—
Mean	0	45	78	98	59
Max.	0	97	119	144	129
Min.	0	0	38	25	0
A.F.	0	2650	4810	6050	3530
Water diverted				Acraage reported	
	17040	A.F.		D-662	7170
Kingsley Reservoir Storage included					

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

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	31	50	54	41
2	10	0	32	50	53	41
3	11	0	37	50	63	40
4	14	0	33	47	74	14
5	14	0	29	34	68	0
6	13	0	28	32	13	0
7	3	0	28	32	38	0
8	0	0	28	32	40	0
9	0	0	26	31	35	0
10	0	0	28	33	40	0
11	0	0	33	35	58	0
12	0	0	45	31	64	0
13	0	0	49	31	83	0
14	0	27	49	33	123	0
15	0	0	50	33	154	0
16	0	0	51	30	152	0
17	0	0	51	10	119	0
18	0	0	45	0	111	0
19	0	0	35	0	95	0
20	0	0	35	0	84	0
21	0	0	36	0	85	0
22	0	0	36	0	74	0
23	0	0	35	0	66	0
24	0	0	31	0	67	0
25	0	0	31	0	61	0
26	0	0	32	0	52	0
27	0	0	32	0	50	0
28	0	13	31	23	49	0
29	0	31	30	48	47	0
30	0	31	36	54	37	0
31	0	31	—	54	40	0
Mean	2	4	36	25	70	5
Max.	14	31	51	54	154	41
Min.	0	0	26	0	13	0
A.F.	150	260	2130	1530	4300	270
Water diverted					Acraage reported	
	8640	A.F.			A-2691c	5661
					A-6223	303
					Total	5904

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	809	207	394	816	43	41	39	0	0	0	825	1570
2	805	297	404	795	42	41	39	0	0	0	858	1570
3	809	294	402	793	42	41	39	0	0	0	858	1560
4	816	297	402	793	41	41	39	0	0	0	849	1560
5	816	294	522	793	41	41	38	0	0	0	845	1560
6	822	291	604	780	40	41	38	0	0	0	892	1570
7	825	292	747	691	40	41	37	0	0	0	1080	1570
8	826	291	735	624	41	41	37	0	0	0	1280	1580
9	838	286	757	605	42	41	36	0	0	0	1470	1580
10	845	293	805	578	43	41	36	0	0	0	1640	1580
11	895	297	802	402	44	41	36	0	0	20	1650	1540
12	1090	239	811	301	45	41	36	0	0	40	120	1220
13	1220	300	309	330	45	41	36	0	0	40	152	908
14	1300	298	805	204	44	41	26	0	0	40	178	856
15	1210	324	811	269	44	41	0	0	0	20	206	827
16	1300	280	807	160	43	40	0	0	0	0	158	845
17	1300	434	807	48	43	40	0	0	0	188	494	890
18	1300	450	807	48	42	40	0	0	0	306	951	924
19	1310	417	825	48	42	39	0	0	0	411	1240	962
20	1320	393	800	48	42	39	0	0	0	508	1330	953
21	1300	393	802	48	42	39	0	0	0	654	1460	915
22	1280	395	813	48	42	39	0	0	0	686	1500	798
23	1220	404	800	47	42	40	0	0	0	762	1560	307
24	1020	402	798	47	42	40	0	0	0	912	1560	809
25	385	416	807	46	42	40	0	0	0	849	1580	807
26	768	432	787	46	41	40	0	0	0	716	1570	816
27	694	416	802	45	41	40	0	0	0	749	1570	809
28	618	411	793	45	41	40	0	0	0	766	1570	816
29	398	411	804	44	—	40	0	0	0	804	1610	818
30	304	393	309	44	—	40	0	0	0	786	1520	793
31	270	—	813	43	—	39	0	0	0	805	1580	—
Mean	947	354	733	314	42	40	17	0	0	325	1104	1127
Max.	1320	450	813	816	45	41	39	0	0	912	1650	1630
Min.	300	286	394	43	40	39	0	0	0	0	120	793
A.F.	58250	21040	45090	19300	22340	2480	1020	0	0	19960	67870	67070
Water diverted												
	304420	A.F.										

DAILY DIVERSIONS OF CANALS--1958

SUTHERLAND CANAL for power from South Platte River  
Measured through 25' Parshall Flume--Sec. 8-13-36 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	115	336	384	236	905	228	1076	1188	984	456	329	0
2	120	339	392	197	870	294	1062	1176	1014	488	247	0
3	112	344	405	173	860	523	1107	1145	1003	664	205	0
4	79	352	418	160	880	765	1084	874	981	908	144	0
5	117	315	432	301	880	863	1073	544	1051	748	148	0
6	141	356	410	410	860	832	1006	621	1062	576	136	0
7	149	365	453	544	811	778	1003	1003	1172	667	122	0
8	144	365	440	600	775	742	1058	1216	1204	600	106	0
9	139	365	456	719	750	700	1055	1192	1212	547	102	0
10	132	369	448	788	750	722	1062	1134	1192	495	92	0
11	132	372	400	835	700	735	1077	1070	1156	469	83	0
12	136	374	426	866	650	748	1084	958	1176	459	80	0
13	144	374	461	894	700	755	1115	1047	1118	369	69	0
14	160	354	503	926	750	768	1040	1180	1062	342	67	0
15	155	354	478	856	700	781	1018	1149	922	303	62	0
16	172	352	453	944	800	784	1029	1107	996	258	90	0
17	189	356	472	999	800	794	1044	1126	866	228	332	0
18	183	362	467	1003	800	798	1058	1145	768	185	232	0
19	240	359	459	992	800	801	966	1107	667	801	181	27
20	267	364	448	962	750	808	838	1081	600	877	144	110
21	272	364	448	944	650	828	745	1047	618	912	122	115
22	280	344	445	892	600	849	649	1134	615	1832	100	124
23	283	415	437	825	650	880	640	1236	603	835	90	132
24	285	379	407	860	709	908	649	1232	573	725	80	129
25	292	376	418	905	680	919	628	1232	570	683	73	118
26	292	382	407	951	680	926	686	1220	520	696	36	77
27	301	376	424	977	624	951	781	1204	541	649	0	88
28	312	382	392	996	232	970	898	1134	483	514	0	92
29	320	365	429	1040	---	1003	1066	955	483	456	0	62
30	327	382	332	1025	---	1014	1192	977	442	384	0	65
31	334	---	226	936	---	1014	---	944	---	392	0	---
Mean	204	363	425	766	736	790	958	1077	855	565	112	38
Max.	334	415	503	1040	905	1014	1192	1236	1212	1032	332	132
Min.	79	315	226	160	232	228	628	544	442	185	0	0
A.F.	12560	21590	26120	47120	40890	48560	57020	66200	50880	34750	6890	2260
Water diverted	414840 A.F.											

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	886	587	539	628	844	879	471	749	53	1082	976	891
2	909	603	626	822	720	456	589	379	412	1000	1194	960
3	890	339	571	872	955	652	591	499	478	496	1503	947
4	887	503	597	834	864	476	733	370	651	380	1716	1028
5	948	582	629	706	923	668	1015	583	175	458	1631	1052
6	803	546	709	809	931	648	900	422	359	727	1424	1207
7	907	660	762	832	962	584	1054	351	341	1117	1455	1032
8	903	632	670	726	670	701	885	325	166	1088	1478	1163
9	882	567	774	607	1271	599	960	404	772	1160	1650	1062
10	908	361	811	651	1067	724	1142	544	446	810	1865	1061
11	911	622	810	626	1004	731	1285	931	56	973	1858	1121
12	940	617	844	559	982	692	1231	806	469	1102	1648	1116
13	783	582	889	723	1049	817	1172	958	536	864	1682	1121
14	846	507	916	843	1009	813	1246	693	460	862	1508	422
15	760	557	676	748	1079	776	1280	586	286	1012	1231	551
16	963	622	906	839	939	682	1298	314	627	660	53	847
17	815	476	964	861	1078	876	1363	131	590	932	440	763
18	694	575	938	829	899	918	1387	67	594	934	713	761
19	544	617	878	677	947	961	1371	52	601	614	811	558
20	345	566	697	858	965	898	1370	53	712	580	1055	651
21	560	459	689	843	1004	908	1415	53	331	636	1297	562
22	442	479	601	855	914	776	1423	53	273	565	1148	705
23	376	603	696	837	621	728	1374	414	521	738	818	774
24	553	359	724	794	985	1021	1095	524	431	679	274	854
25	294	581	623	862	925	920	834	511	558	765	444	892
26	389	539	757	723	799	782	740	505	671	915	909	816
27	318	595	779	885	565	996	649	550	648	669	953	867
28	496	516	768	775	854	953	817	431	760	686	860	90
29	430	579	683	852	---	822	725	468	800	634	740	768
30	574	585	846	852	---	716	804	309	940	709	791	920
31	475	---	689	828	---	692	---	346	---	864	872	---
Mean	691	547	744	779	934	770	1042	432	491	797	1129	852
Max.	963	660	964	885	1271	1021	1423	958	940	1160	1865	1207
Min.	294	339	539	559	565	456	471	52	53	380	53	90
A.F.	42510	32560	45740	47910	51880	47340	61980	26540	29190	49020	69400	50700
Water diverted	554770 A.F.											

DAILY DIVERSIONS OF CANALS--1958

THIRTY MILE CANAL from Platte River  
Measured through rating flume--Sec. 31-12-26 W.

Date	May	June	July	Aug.	Sept.
1	0	58	74	91	152
2	0	79	72	129	162
3	0	51	51	149	144
4	0	53	30	151	141
5	0	29	40	194	135
6	0	14	35	248	132
7	0	39	63	273	135
8	0	49	71	291	134
9	0	59	72	309	126
10	0	68	59	324	125
11	0	66	48	320	122
12	0	66	50	328	113
13	0	69	48	334	113
14	0	61	45	332	125
15	0	57	40	330	103
16	0	51	52	305	59
17	0	47	46	255	87
18	31	57	47	229	90
19	84	54	56	190	76
20	76	57	35	183	76
21	78	63	8	173	63
22	79	53	36	182	57
23	71	46	61	183	59
24	75	52	68	178	62
25	76	61	58	163	67
26	60	59	56	149	66
27	54	54	56	167	64
28	60	52	62	165	62
29	58	53	69	165	67
30	76	82	72	167	67
31	75	--	76	165	--
Mean	31	56	53	220	100
Max.	84	82	76	334	162
Min.	0	14	8	91	57
A.F.	1890	3330	3280	13520	5920
Water diverted				Acres reported	
28000 A.F.				A-1853	15038
Sutherland Storage included				A-1976	3457
				A-2077	320
				Total	22855

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1130	1080	1110	710	1330	639	1620	1460	2000	1340	1520	1440
2	1330	1100	1160	758	1200	657	1660	1140	1930	1300	1880	1470
3	1310	893	1070	776	1390	733	1560	1030	1860	1400	2010	1420
4	1210	1020	1080	860	1320	804	1420	1070	1920	1590	2020	1490
5	1300	1010	1060	968	1330	1030	1930	1270	1890	1800	2030	1530
6	1290	1040	1140	1190	1420	1380	1880	1400	1850	1360	2070	1710
7	1310	1130	1210	1290	1280	1320	1780	1570	1900	1630	2060	1670
8	1270	1090	1170	1290	1230	1310	1570	1380	1820	1540	2000	1780
9	1260	1100	1190	1180	1490	1300	1720	1190	1850	1600	2050	1570
10	1330	924	1180	1190	1480	1300	1810	1180	1630	1500	2060	1600
11	1200	1110	1030	1210	1260	1160	1820	1610	1460	1680	2060	1630
12	1410	1130	1210	1170	1110	1210	1850	1380	1470	1800	1990	1630
13	1330	1070	1240	1220	1220	1350	1820	1450	1580	1920	2030	1740
14	1310	1050	1410	1350	1260	1280	1810	1940	1360	1830	2060	1550
15	1360	1070	1230	1280	1330	1280	1780	1890	1140	1710	2060	1560
16	1380	1140	1370	1320	1320	1320	1840	1710	1310	1510	2020	1630
17	1400	1080	1340	1320	1430	1350	1880	1880	1300	1710	2080	1560
18	1260	1200	1430	1350	1300	1350	1810	1930	1300	1680	2040	1560
19	1100	1130	1350	1230	1380	1450	1890	1980	1440	1800	2030	1330
20	1190	1040	1240	1310	1430	1440	1880	1970	1490	1940	2050	1240
21	1230	1100	1140	1300	1390	1380	1880	2000	1260	1820	2050	1190
22	1070	948	1160	1340	1570	1310	1830	2030	1040	1650	1920	1160
23	985	1040	1150	1280	1450	1370	1920	2000	1090	1600	1970	1220
24	1070	1020	1140	1260	1540	1540	1860	1980	1070	1460	1660	1290
25	863	1080	1120	1310	1450	1520	1590	1940	1160	1320	1480	1310
26	945	1050	1030	1310	1420	1560	1610	1950	1170	1720	1590	1250
27	936	1080	1160	1290	1120	1650	1680	1960	1120	1760	1760	1370
28	1040	1150	1240	1290	605	1740	1750	1920	1140	1580	1610	754
29	932	983	1110	1310	----	1790	1560	1960	1140	1290	1440	1020
30	950	1010	1320	1370	----	1810	1570	1960	1300	1300	1290	1230
31	1090	----	991	1290	----	1860	----	1980	----	1320	1340	----
Mean	1137	1062	1186	1204	1323	1329	1753	1681	1466	1595	1878	1430
Max.	1410	1200	1430	1370	1570	1860	1920	2030	2000	1940	2080	1780
Min.	863	893	991	710	605	639	1420	1030	1040	1290	1290	754
A.F.	72970	63210	72950	74030	73500	81710	104290	103360	87250	98100	115500	85100
Water diverted									Acres reported			
1031970 A.F.									A-2355 & A-3476			164117
									A-3476 Storage only			37918
									A-3620 Storage only			3119
									A-3822 Storage only			3262
									A-4658 Storage only			12423
									A-5278 Storage only			7279
									Total			228118



DAILY DIVERSIONS OF CANALS--1958 /

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	233	192	428
2	0	0	0	0	0	0	0	0	0	272	325	428
3	0	0	0	0	0	0	0	0	0	136	520	428
4	0	0	0	0	0	0	0	0	0	0	472	428
5	0	0	0	0	0	0	0	0	0	0	359	404
6	0	0	0	0	0	0	0	0	0	17	115	348
7	0	0	0	0	0	0	0	0	0	84	55	339
8	0	0	0	0	0	0	0	0	0	179	0	316
9	0	0	0	0	0	0	0	0	0	270	21	256
10	0	0	0	0	0	0	0	0	0	99	71	296
11	0	0	0	0	0	0	0	0	0	0	24	292
12	0	0	0	0	0	0	0	0	0	0	27	268
13	0	0	0	0	0	0	0	0	0	0	82	256
14	0	0	0	0	0	0	0	0	0	0	86	240
15	0	0	0	0	0	0	0	0	0	0	18	214
16	0	0	0	0	0	0	0	0	0	0	0	191
17	0	0	0	0	0	0	0	0	0	0	0	179
18	0	0	0	0	0	0	0	0	0	0	0	134
19	0	0	0	0	0	0	0	0	0	0	0	102
20	0	0	0	0	0	0	0	0	0	0	0	92
21	0	0	0	0	0	0	0	0	0	0	72	58
22	0	0	0	0	0	0	0	0	0	0	237	50
23	0	0	0	0	0	0	0	0	0	0	348	53
24	0	0	0	0	0	0	0	0	12	0	292	52
25	0	0	0	0	0	0	0	0	28	0	210	56
26	0	0	0	0	0	0	0	0	30	0	175	48
27	0	0	0	0	0	0	0	0	30	0	292	44
28	0	0	0	0	0	0	0	0	31	0	325	36
29	0	0	0	0	-	0	0	0	32	81	323	56
30	0	0	0	0	-	0	0	0	101	150	346	76
31	0	-	0	0	-	0	-	0	---	148	426	---
Mean	0	0	0	0	0	0	0	0	9	54	175	207
Max.	0	0	0	0	0	0	0	0	101	272	520	428
Min.	0	0	0	0	0	0	0	0	0	0	0	36
A.F.	0	0	0	0	0	0	0	0	520	3310	10740	12310

Water returned  
26880 A.F.

DAILY DIVERSIONS OF CANALS--1958 /

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	530	980	696	924	1340	1307	1810	646	271	110	84	182
2	453	678	842	833	1113	1135	1800	863	764	88	78	100
3	532	691	784	810	1361	1184	1290	1287	933	50	77	62
4	503	822	783	805	1309	928	1775	1426	975	54	59	77
5	504	749	812	817	1238	851	1791	1272	651	57	42	71
6	509	794	990	933	1348	692	1813	1064	595	56	47	79
7	533	839	989	672	1297	594	1807	1223	770	65	8	83
8	556	865	917	681	1195	587	1774	1204	431	60	5	137
9	570	932	1023	778	0	571	1756	1170	988	50	32	182
10	674	914	1093	788	1412	642	1643	1051	503	4	53	113
11	764	1000	1033	853	1454	856	1592	1436	424	0	97	110
12	742	801	1130	738	1461	964	1467	1263	226	14	60	119
13	628	826	1147	884	1460	955	771	793	221	27	63	216
14	689	826	1014	891	1274	997	1530	1051	225	78	65	80
15	857	944	881	906	1322	991	1500	837	127	61	52	173
16	799	875	994	1132	810	920	1532	1054	263	38	25	246
17	848	789	970	1106	1175	1282	1654	1058	137	79	18	303
18	1001	948	958	1131	1064	1264	1641	1049	70	74	25	306
19	960	788	913	842	1143	1346	1522	1190	95	490	44	256
20	911	843	947	1007	1066	1339	853	1143	116	158	58	303
21	982	826	925	1016	1011	1352	1464	1141	318	759	285	382
22	1012	833	914	1052	1035	1498	1602	1529	225	905	758	412
23	925	834	937	985	1041	972	1668	1538	249	1023	612	404
24	881	733	1045	1052	1293	1410	1679	1346	285	692	240	437
25	1352	821	850	1014	1276	1334	803	525	225	327	482	428
26	1202	748	769	960	1420	1393	378	259	296	39	445	395
27	864	822	884	1229	1234	1152	629	437	281	15	721	460
28	1320	734	1002	1185	1439	1296	505	416	210	0	273	506
29	898	839	898	1095	----	1639	364	906	231	0	174	484
30	802	887	1087	1312	----	1603	574	995	170	52	124	488
31	842	---	946	1274	----	1673	---	767	---	74	113	---
Mean	795	833	941	958	1200	1120	1366	1030	376	177	168	253
Max.	1352	1000	1147	1312	1461	1673	1813	1538	988	1023	758	488
Min.	453	678	696	738	0	571	364	259	70	0	5	71
A.F.	48880	49550	57860	58920	66630	68880	81300	63350	22360	10910	10350	15060

Water returned  
554050 A.F.

DAILY DIVERSIONS OF CANALS--1958

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	659	734	1072	861
2	0	451	833	1059	856
3	0	272	856	1015	826
4	0	196	775	973	790
5	0	192	782	1010	787
6	0	215	774	1054	780
7	0	176	774	1076	760
8	0	231	788	1053	741
9	0	222	790	1058	680
10	0	161	806	1092	659
11	0	156	840	1120	571
12	116	189	829	1095	556
13	244	183	950	1079	551
14	270	114	940	1042	519
15	304	149	967	1044	489
16	306	246	999	1069	486
17	312	241	973	1047	462
18	306	229	890	1032	473
19	278	244	868	1033	477
20	270	244	594	1044	473
21	570	263	574	1012	466
22	747	276	594	1009	487
23	659	278	443	942	528
24	665	268	351	918	594
25	662	281	483	884	662
26	644	273	582	848	660
27	680	273	910	808	701
28	741	401	910	827	698
29	795	504	904	884	377
30	726	575	989	870	369
31	722	---	1046	847	---
Mean	323	272	818	997	611
Max.	795	659	1046	1095	861
Min.	0	114	351	808	369
A.F.	19870	16190	48690	61320	36370
Water diverted					
182440 A.F.					
Pathfinder Storage included					

DAILY DIVERSIONS OF CANALS--1958

TRI-STATE DIVERSIONS  
For Farmers Irrigation District and Preferred Rights  
Summary in Acre-feet--1958

	May	June	July	Aug.	Sept.	Total	
Diverted from:							
North Platte River.....	19870	16190	48690	61320	36370	182440	
*Optional Diversions.....	90	20	320	1950	1110	3490	
**Drains.....	410	720	980	0	860	2970	
Total .....	20370	16930	49990	63270	38340	188900	
Water diverted						Acreage reported	
188900 A.F.						D-918	58437
						A-660	2913
						O.D.'s	1703
						Total	63053

\*Estimated  
\*\*Diverted by the Tri-State Canal during periods when no water was requested or delivered to the Northport Irrigation District.

DAILY DIVERSIONS OF CANALS--1958

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

Date	May	June	July	Aug.	Sept.
1	0	0	9	0	7
2	0	0	3	0	8
3	0	0	0	3	8
4	0	0	0	3	7
5	0	0	0	4	7
6	0	0	0	8	6
7	0	0	0	7	7
8	0	0	0	10	6
9	0	0	0	10	1
10	0	0	0	13	0
11	0	0	0	18	0
12	0	0	0	20	0
13	0	0	2	11	0
14	0	0	1	20	0
15	0	0	4	18	2
16	0	0	1	8	3
17	0	0	1	14	3
18	0	0	3	13	3
19	0	0	0	12	3
20	0	0	0	15	3
21	0	0	0	14	3
22	0	0	0	15	3
23	0	0	0	13	5
24	0	0	0	14	5
25	0	0	0	16	5
26	0	0	0	12	5
27	0	0	0	10	6
28	0	0	0	10	6
29	0	0	0	10	9
30	0	0	0	12	11
31	0	-	0	12	-
Mean	0	0	1	11	4
Max.	0	0	9	20	11
Min.	0	0	0	0	0
A.F.	0	0	50	680	270
Water diverted	1000 A.F.		Acreage reported D-763 1305		

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	124	48	0	0	0	148	115	48
2	131	48	0	0	0	213	115	45
3	118	50	0	0	0	77	100	45
4	121	50	0	0	0	0	86	45
5	121	54	0	0	0	0	76	45
6	128	56	0	0	0	0	72	45
7	128	58	0	0	0	45	69	50
8	128	58	0	0	0	112	72	50
9	124	54	0	0	0	94	72	58
10	128	50	0	0	166	94	69	56
11	128	46	0	0	278	92	67	56
12	118	40	0	0	273	86	66	72
13	124	36	0	0	259	84	66	89
14	138	38	0	0	196	103	64	94
15	138	43	0	0	163	103	62	97
16	121	26	0	0	145	106	0	106
17	89	0	0	0	145	100	0	118
18	94	0	0	0	159	58	75	134
19	94	0	0	0	142	36	82	152
20	84	0	0	0	148	171	65	163
21	86	0	0	0	145	180	65	175
22	89	0	0	0	145	192	61	188
23	89	0	0	0	142	0	67	163
24	84	0	0	0	134	0	69	128
25	74	0	0	0	134	0	69	109
26	76	0	0	0	131	0	68	100
27	63	0	0	0	121	0	56	26
28	56	0	0	0	118	83	56	0
29	46	0	0	0	124	118	54	0
30	45	0	0	0	128	94	52	0
31	46	-	-	0	-	106	54	-
Mean	101	25	0	0	113	79	65	82
Max.	138	58	0	0	278	213	115	188
Min.	45	0	0	0	0	0	0	0
A.F.	6210	1500	0	0	6740	4950	3970	4870
Water diverted	28240 A.F.		Acreage reported					
							A-393	11016
							A-1804	764
							A-4739	498
							Total	12278

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	26	21	19	23
2	0	0	18	11	17	20
3	0	0	8	27	29	18
4	0	0	5	30	31	17
5	0	0	9	30	24	18
6	0	0	12	26	25	18
7	0	0	11	23	26	14
8	0	0	12	21	26	15
9	0	0	6	19	26	11
10	0	0	0	18	25	13
11	0	0	0	13	28	17
12	0	0	0	8	26	16
13	0	0	0	15	26	16
14	0	0	0	17	26	16
15	0	0	0	22	26	17
16	0	0	0	23	30	16
17	0	0	0	22	27	17
18	0	0	0	25	23	15
19	0	0	10	16	23	13
20	0	0	15	10	22	15
21	0	12	14	10	22	13
22	0	22	16	9	22	13
23	0	30	16	9	25	35
24	0	26	4	12	26	10
25	0	28	0	8	26	16
26	0	26	4	12	24	23
27	0	23	7	23	22	22
28	0	16	0	22	21	21
29	0	16	10	20	20	16
30	0	22	23	20	21	15
31	0	24	—	22	23	—
Mean	0	8	8	18	24	17
Max.	2	30	26	30	31	35
Min.	0	0	0	8	17	10
A.F.	0	490	450	1120	1500	1010

Water diverted  
4570 A.F.

WINTERS CREEK CANAL from Winters Creek  
Measured through Parshall flume  
Sec. 19-22-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	14	28	49	37
2	0	0	0	40	48	37
3	0	0	0	44	46	37
4	0	0	0	38	45	37
5	0	0	7	36	48	35
6	0	0	12	36	48	32
7	0	0	11	33	48	30
8	0	0	8	34	48	30
9	0	0	0	30	48	30
10	0	0	0	21	50	30
11	0	0	0	0	50	30
12	0	0	0	0	50	31
13	0	0	0	2	49	31
14	0	0	0	38	50	30
15	0	0	0	43	52	30
16	0	25	0	51	54	30
17	0	24	0	48	52	30
18	0	22	0	47	50	30
19	0	30	0	38	49	30
20	0	28	0	20	50	38
21	0	30	0	0	50	42
22	0	19	0	0	49	41
23	0	39	0	0	43	41
24	0	38	0	0	40	41
25	0	36	0	15	39	38
26	0	33	3	22	36	40
27	0	34	6	22	35	44
28	0	36	7	26	37	37
29	0	37	7	42	37	36
30	0	37	15	49	37	22
31	0	35	—	49	37	—
Mean	0	16	3	27	46	34
Max.	3	39	15	51	54	44
Min.	0	0	0	0	35	22
A.F.	10	1000	180	1690	2820	2040

Water diverted  
7740 A.F.

DAILY DIVERSIONS OF CANALS--1958

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

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	1	13	7
2	0	0	0	6	12	5
3	0	0	0	13	11	3
4	0	0	0	9	10	3
5	0	0	0	8	8	3
6	0	0	0	8	7	3
7	0	0	0	11	8	3
8	0	0	0	11	7	3
9	0	0	0	14	8	3
10	0	0	0	8	8	3
11	0	0	0	0	8	5
12	0	0	0	0	8	6
13	0	0	0	0	7	6
14	0	0	0	8	6	5
15	0	0	0	11	3	5
16	0	0	0	13	3	5
17	0	0	0	14	3	7
18	0	0	0	11	4	5
19	0	3	0	7	4	6
20	0	3	0	6	5	4
21	0	2	0	0	5	2
22	0	1	0	0	5	2
23	0	1	0	0	2	8
24	0	1	0	0	2	11
25	0	2	0	7	5	11
26	0	2	0	9	6	12
27	0	0	0	9	6	12
28	0	0	0	9	5	12
29	0	0	0	9	5	12
30	0	0	0	11	5	11
31	0	0	-	13	5	-
Mean	0	0	0	7	6	6
Max.	3	3	0	14	13	12
Min.	0	0	0	0	2	2
A.F.	10	30	0	450	380	360
Water diverted						
1230 A.F.						

DAILY DIVERSIONS OF CANALS--1958

WINTERS CREEK DIVERSIONS  
Summary in Acre-feet--1958

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	0	490	450	1120	1500	1010	4570
Winters Creek.....	20	1030	180	2140	3200	2400	8970
Total diversion.....	20	1520	630	3260	4700	3410	13540
Water diverted							
13540 A.F.						Acres reported	
						D-952	5748

ANNUAL DIVERSIONS-MAJOR PROJECTS  
1957-1958

**SUMMARY**  
**ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS**  
**BASED ON ACRAGE REPORTS**

	Water Year Ending September 30, 1957			Water Year Ending September 30, 1958		
	Acreage Reported	Water Diverted	Acre-ft. per acre	Acreage Reported	Water Diverted	Acre-ft. per Acre
Meredith-Ammer	445	820	1.84	585	860	1.47
Middle Loup PP & ID No. 1	2471	4410	1.78	2466	4030	1.63
Middle Loup PP & ID No. 2	2906	4450	1.53	2858	4500	1.75
Middle Loup PP & ID No. 3	4387	8860	2.02	4387	7830	1.78
Middle Loup PP & ID No. 4	6172	10070	1.63	6122	8290	1.35
Midland-Overland	2126	2290	1.08	2052	1760	0.86
Minatare	9372	11970	1.28	9323	16490	1.77
Mirage Flats	11645	15240	1.31	11378	16170	1.42
Mitchell	13633	42420	3.11	13633	26920	1.97
Neposee	945	1940	2.05	1002	410	0.41
Wine Mile	5689	14010	2.46	5689	20010	3.52
No. Loup PPID Ord.-No. Loup	5683	9500	1.67	5790	6780	1.17
No. Loup PPID Taylor-Ord	13052	23860	1.83	12936	18520	1.43
No. Loup PPID Burwell-Sunter	5890	13950	2.37	5775	10990	1.90
North Platte	14067	49820	3.54	14067	37230	2.65
Northport	16109	58590	3.64	16109	56840	3.53
Orchard-Alfalfa	5950	7090	1.19	5950	3540	0.59
Oakhosh	1573	2330	1.48	1743	1300	0.75
Paisley	1141	3560	3.12	1071	3650	3.41
Paxton-Hershey	7358	16430	2.23	7198	12930	1.80
Ranshorn	1652	3300	2.00	1652	4060	2.46
**Riverside	519			519		
Sheridan-Wilson	918	1930	2.10	676	1260	1.86
Short Line	2752	4270	1.55	2800	4470	1.60
Six Mile	1173	1000	0.85	1173	350	0.30
Spohn	1036	3070	2.96	1036	1060	1.02
Suburban	7170	19840	2.77	7170	17040	2.38
Superior	5887	9810	1.67	5904	8640	1.46
Thirty Mile	22980	38140	1.66	22855	28000	1.23
*Tri-County	233605	358220	1.53	228118	324140	1.42
Tri-State	63031	163020	2.59	63053	188900	3.00
Union	1305	2360	1.81	1305	1000	0.77
Western	11292	28750	2.55	12278	28240	2.30
Winters Creek	5748	10930	1.90	5748	13540	2.36

\*For irrigation exclusive of power

\*\*No daily gage height record

SUMMARY  
ANNUAL DIVERSION IN ACRE-FeET BY MAJOR PROJECTS  
BASED ON ACREAGE REPORTS

	Water Year Ending September 30, 1957			Water Year Ending September 30, 1958		
	Acreage Reported	Water Diverted	Acre-ft. per acre	Acreage Reported	Water Diverted	Acre-ft. per acre
Alliance	6286	10020	1.59	6226	12380	1.99
Bartley	6733	8480	1.26	6531	8690	1.33
Bearline	2080	2250	1.08	2080	1860	0.89
Belmont-Empire	15900	29400	1.85	15903	25930	1.63
Birdwood	5287	5370	1.02	5287	3890	0.74
Blue Creek	2918	6330	2.17	2918	5250	1.80
Browns Creek	6091	13250	2.18	6091	8940	1.47
Cambridge	15782	21830	1.38	14999	21040	1.40
Castle Rock-Steamboat	6538	19320	2.96	6538	20340	3.11
Central	2077	3080	1.48	2127	4260	2.00
Chimney Rock	5147	9940	1.93	5141	10580	2.06
Cody-Dillon	4759	5360	1.13	4660	4200	0.90
Courthouse Rock	1444	3930	2.72	1462	4900	3.35
Courtlund	1784	23390	1.31	1668	60410	3.62
Cosad	20170	23060	1.14	20170	17900	0.89
Culbertson	9365	32570	3.48	9291	28040	3.02
Dawson County	85043	56230	0.66	82219	42430	0.52
Ela Creek	8962	6660	0.74	***	5670	
Enterprise	7572	23220	3.07	7516	25660	3.41
*Fort Laramie	105056	215840	2.05	105056	299560	2.85
Franklin	10356	14300	1.38	10271	13760	1.34
Franklin Pump	1944	1790	0.92	2128	870	0.41
French	0	0	0.00	0	0	0.00
Gering	14310	23430	1.64	14310	33180	2.32
*Gothenburg	22355	34650	1.55	22355	19430	0.87
Graf	2089	3220	1.54	2089	2010	0.96
**Haigler	3183			3183		
Hooper	877	2250	2.57	867	2300	2.65
Interstate	127995	435430	3.40	127955	498570	3.90
*Kearney	7120	8120	1.14	4253	76010	1.79
Keith-Lincoln Co.	6147	21280	3.46	5873	16870	2.87
Kimball	4500	4800	1.07	4500	5900	1.31
Last Chance	442	1480	3.35	442	1570	3.55
Lisco	3513	8790	2.50	3784	4840	1.28
Lyons	891	720	0.81	891	0	0.00
Meeker	2930	10070	3.44	2930	10130	3.46

\*For Irrigation exclusive of power  
\*\*No daily gage height record  
\*\*\*No acreage reported this year



SUMMARY OF DIVERSIONS BY SECTIONS  
GUERNSEY, WYO-ODESSA, NEBR.  
1957-1958

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, 1957

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey-Whalem	0	0	0	0	0	47820	0	35800	67510	195820	192970	111350	651270
Whalem-State Line	11040	780	0	0	0	0	0	1190	11430	29560	31000	17680	102680
State Line-Mitchell	1510	0	0	0	0	0	560	16140	24590	76160	80630	48540	248130
Mitchell-Minatare	3130	0	0	0	0	0	0	1020	4050	11900	15020	10180	45300
Minatare-Bridgeport	6880	0	0	0	0	0	0	1420	10540	16350	18390	14060	67640
Bridgeport-Lisco	5530	0	0	0	0	0	0	1300	3340	7600	8030	4720	30520
Lisco-Oshkosh	1970	0	0	0	0	0	150	750	410	560	1390	890	6120
Oshkosh-Keystone	6350	0	0	0	0	1390	2050	2930	1280	12460	11650	10650	48760
Keystone-North Platte	16150	270	0	0	0	0	740	6780	15630	26870	34490	19100	120030
North Platte-Odesa	45300	30	0	0	0	6100	16450	46420	59780	130660	173110	55320	533170
<b>Total, Guernsey-Odesa</b>	<b>97860</b>	<b>1080</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55310</b>	<b>19950</b>	<b>113750</b>	<b>198560</b>	<b>507940</b>	<b>566680</b>	<b>292490</b>	<b>1853620</b>

For the Water Year Ending September 30, 1958

Guernsey-Whalem	0	0	0	0	0	0	37070	85820	97020	197810	215250	165160	798130
Whalem-State Line	0	0	0	0	0	0	0	10380	18180	31160	32410	19190	111320
State Line-Mitchell	1480	0	0	0	0	0	0	29040	26450	68330	90500	59660	275460
Mitchell-Minatare	3120	0	0	0	0	0	0	6810	3440	11540	17500	12220	54630
Minatare-Bridgeport	5200	0	0	0	0	0	0	8650	6740	13710	22210	17160	73670
Bridgeport-Lisco	3500	0	0	0	0	0	0	1410	1930	3490	7970	4670	22970
Lisco-Oshkosh	280	0	0	0	0	0	0	0	30	530	700	820	2360
Oshkosh-Keystone	10400	1550	0	0	0	0	0	0	7250	7050	8780	9180	44210
Keystone-North Platte	5310	280	0	0	0	0	0	2790	14110	22120	31530	17280	93420
North Platte-Odesa	11530	0	0	0	0	0	8690	41620	73890	94220	144620	75950	450520
<b>Total, Guernsey-Odesa</b>	<b>40820</b>	<b>1830</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45760</b>	<b>186520</b>	<b>249040</b>	<b>449960</b>	<b>571470</b>	<b>381220</b>	<b>1926690</b>

**MONTHLY EVAPORATION**  
**1957-1958**

MONTHLY EVAPORATION IN FEET--1957

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam.....	f	0.380	0.553	0.690	0.645	0.434	0.272
*Whalen Dam.....	f	0.460	0.673	0.835	0.698	0.427	0.230
*Bridgeport.....	0.293	0.525	0.542	0.710	0.597	0.390	0.195
*Kingsley Dam.....	f	0.393	0.573	0.814	0.672	0.471	0.198
**North Platte.....	0.292	0.504	0.712	0.911	0.816	0.544	f

\*United States Weather Bureau Class "A" pan

\*\*Pan 6 feet in diameter; 24 inches deep; in ground 20 inches

fNo record reported

MONTHLY EVAPORATION IN FEET--1958

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam.....	f	0.536	0.677	0.675	0.728	0.583	0.407
*Whalen Dam.....	0.361	0.640	0.658	0.742	0.781	0.558	0.431
*Bridgeport.....	0.292	0.549	0.592	0.611	0.634	0.446	0.314
*Kingsley.....	f	0.599	0.675	0.677	0.720	0.509	f
**North Platte.....	0.358	0.636	0.712	0.681	0.810	0.600	f

\*United States Weather Bureau Class "A" pan

\*\*Pan 6 feet in diameter; 24 inches deep; in ground 20 inches

fNo record reported

**PRECIPITATION-VARIOUS POINTS  
1957-1958**

PRECIPITATION AT VARIOUS POINTS

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

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1957		1958		Normal		1957		1958	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative		Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
<b>*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION - 4080</b>												
October.....	0.92	0.92	0.29	0.29	1.66	1.66						
November.....	0.39	1.31	0.91	1.20	0.33	1.99						
December.....	0.33	1.64	0.05	1.25	0.15	2.14						
January.....	0.19	1.83	0.13	1.38	0.00	2.14						
February.....	0.27	2.10	0.02	1.40	0.42	2.56						
March.....	0.69	2.73	0.58	1.98	1.11	3.67						
April.....	1.66	4.39	1.94	3.92	1.47	5.14						
May.....	2.28	6.67	6.10	10.02	1.05	6.19						
June.....	2.69	9.36	3.69	13.71	4.65	10.84						
July.....	1.50	10.86	3.47	17.18	1.41	12.25						
August.....	1.62	12.48	1.16	18.34	0.21	12.46						
September.....	1.39	13.87	0.41	18.75	0.28	12.74						
*45-year record												
<b>*RIDGEPORT STATION, MORRILL COUNTY--ELEVATION - 3666</b>												
October.....	0.95	0.95	0.02	0.02	1.57	1.57						
November.....	0.45	1.40	0.43	0.45	0.37	1.94						
December.....	0.50	1.90	0.39	0.84	0.15	2.09						
January.....	0.39	2.29	0.11	0.95	0.02	2.11						
February.....	0.44	2.73	0.00	0.95	0.46	2.57						
March.....	0.83	3.56	0.60	1.55	1.00	3.57						
April.....	2.20	5.58	1.61	3.16	2.10	5.67						
May.....	2.74	8.32	6.62	9.78	2.75	8.42						
June.....	2.72	11.04	2.57	12.35	5.50	13.92						
July.....	2.03	13.07	3.55	15.90	4.77	18.89						
August.....	1.61	14.68	1.85	17.75	0.35	19.24						
September.....	1.33	16.01	0.65	18.40	1.03	20.27						
*50-year record												
<b>*OSHKOSH STATION, GARDEN COUNTY--ELEVATION - 3393</b>												
October.....	1.06	1.06	0.12	0.12	1.45	1.45						
November.....	0.60	1.66	1.29	1.41	0.96	2.41						
December.....	0.54	2.20	0.42	1.83	0.50	2.91						
January.....	0.36	2.56	0.10	1.93	0.06	2.97						
February.....	0.48	3.04	0.00	1.93	0.87	3.84						
March.....	0.89	3.93	0.75	2.68	1.11	4.95						
April.....	2.22	6.15	2.22	4.90	2.65	7.60						
May.....	2.76	8.91	4.78	9.68	2.35	9.95						
June.....	2.79	11.70	3.40	13.08	5.35	15.30						
July.....	2.31	14.01	3.39	16.47	4.95	20.25						
August.....	2.08	16.09	5.36	21.83	2.46	22.71						
September.....	1.48	17.57	2.68	24.51	1.30	24.01						
*45-year record												
<b>*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION - 2779</b>												
October.....	1.04	1.04	1.79	1.79	1.45	1.45						
November.....	0.55	1.59	0.78	2.57	0.96	2.41						
December.....	0.40	1.99	0.12	2.69	0.50	2.91						
January.....	0.39	2.38	0.14	2.83	0.13	3.04						
February.....	0.34	2.72	0.29	3.12	1.51	4.55						
March.....	0.91	3.63	1.27	4.39	1.35	5.90						
April.....	2.06	5.69	3.07	7.46	2.28	8.18						
May.....	2.67	8.36	7.21	14.67	3.42	11.60						
June.....	2.93	11.28	3.59	18.26	1.72	13.32						
July.....	2.40	13.68	3.20	21.46	5.83	19.15						
August.....	2.11	15.79	5.36	26.82	2.06	21.21						
September.....	1.75	17.54	2.68	29.50	1.91	23.12						
*18 year record												
<b>*LEXINGTON STATION, DAWSON COUNTY--ELEVATION - 2404</b>												
October.....	1.49	1.49	2.76	2.76	3.10	3.10						
November.....	0.70	2.19	0.26	3.02	0.46	3.56						
December.....	0.66	2.85	0.28	3.30	0.35	3.91						
January.....	0.50	3.35	0.20	3.50	0.30	4.21						
February.....	0.72	4.07	0.12	3.62	1.14	5.35						
March.....	1.10	5.17	2.19	5.81	1.98	7.33						
April.....	2.38	7.55	2.81	8.62	2.18	9.51						
May.....	3.23	10.78	5.59	14.21	2.54	12.05						
June.....	3.74	14.52	5.98	20.19	1.72	13.77						
July.....	2.99	17.51	0.64	20.83	6.81	20.58						
August.....	2.70	20.21	1.65	22.48	3.35	23.93						
September.....	1.98	22.19	3.76	26.24	0.12	24.05						
*7-year record												
<b>*GRAND ISLAND STATION, HALL COUNTY--ELEVATION - 1841</b>												
October.....	1.31	1.31	0.92	0.92	1.08	1.08						
November.....	0.98	2.29	0.27	1.19	0.70	1.78						
December.....	0.55	2.84	0.24	1.43	0.38	2.16						
January.....	0.58	3.42	0.30	1.73	0.35	2.51						
February.....	0.66	4.08	0.24	1.97	1.06	3.57						
March.....	1.28	5.36	2.17	4.14	1.23	4.80						
April.....	2.22	7.58	3.40	7.63	3.26	8.06						
May.....	3.87	11.45	5.64	13.27	2.24	10.30						
June.....	3.66	15.11	4.31	17.58	2.72	13.02						
July.....	2.63	17.74	1.68	19.26	7.09	20.11						
August.....	2.39	20.13	4.08	23.34	1.38	21.49						
September.....	2.57	22.70	3.36	26.70	1.24	22.73						
*66-year record												

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1957		1958	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
<b>*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION - 2565</b>						
October.....	1.15	1.15	0.61	0.61	1.60	1.60
November.....	0.62	1.77	0.74	1.35	0.56	2.16
December.....	0.58	2.35	0.33	1.68	0.12	2.34
January.....	0.41	2.76	0.25	1.93	0.14	2.48
February.....	0.54	3.30	0.21	2.14	1.88	4.36
March.....	1.04	4.34	1.07	3.21	2.40	6.76
April.....	2.19	6.53	2.39	5.60	2.20	8.96
May.....	2.94	9.47	7.12	12.72	3.50	12.46
June.....	3.44	12.91	2.91	15.63	3.06	15.52
July.....	2.85	15.76	3.63	19.26	4.20	19.72
August.....	2.58	18.34	3.27	22.53	1.42	21.14
September.....	1.61	19.95	1.11	23.64	1.06	22.20

\*70-year record

**\*GENOA STATION, HANCE COUNTY--ELEVATION - 1584**

October.....	1.59	1.59	2.16	2.16	1.75	1.75
November.....	0.89	2.48	0.64	2.80	0.52	2.27
December.....	0.82	3.30	0.21	3.01	0.38	2.65
January.....	0.64	3.94	0.14	3.15	0.28	2.93
February.....	0.76	4.70	0.10	3.25	1.52	4.45
March.....	1.15	5.85	2.36	5.61	1.19	5.64
April.....	2.59	8.44	2.57	8.18	4.38	10.02
May.....	3.94	12.38	3.63	11.81	2.27	12.29
June.....	4.49	16.87	8.40	20.21	2.39	14.68
July.....	3.43	20.30	5.48	25.69	8.84	23.52
August.....	2.83	23.13	4.19	29.88	0.91	24.43
September.....	2.95	26.08	3.41	33.29	1.31	25.74

\*82-year record

**\*HOLDREGE STATION, PHELPS COUNTY--ELEVATION - 2335**

October.....	1.46	1.46	1.15	1.15	3.10	3.10
November.....	0.83	2.29	0.24	1.39	0.46	3.56
December.....	0.64	2.93	0.23	1.62	0.35	3.91
January.....	0.47	3.40	0.19	1.81	0.28	4.19
February.....	0.70	4.10	0.26	2.07	2.63	6.82
March.....	1.10	5.20	1.81	3.88	2.81	9.63
April.....	2.71	7.91	3.79	7.67	2.21	11.84
May.....	3.63	11.54	4.56	12.23	3.87	15.51
June.....	3.95	15.49	9.14	21.37	2.61	18.12
July.....	2.92	18.41	0.89	22.26	2.62	20.74
August.....	2.63	21.04	5.31	27.57	2.88	23.62
September.....	2.16	23.20	2.93	30.50	0.26	23.88

\*62-year record

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1957		1958	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
<b>*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION - 4085</b>						
October.....	0.96	0.96	0.10	0.10	1.34	1.34
November.....	0.51	1.47	1.21	1.31	0.34	1.68
December.....	0.45	1.96	0.34	1.65	0.13	1.81
January.....	0.32	2.24	0.19	1.84	0.01	1.82
February.....	0.39	2.63	0.00	1.84	0.69	2.51
March.....	0.84	3.47	1.00	2.84	1.52	4.03
April.....	2.23	5.70	2.97	5.81	2.81	6.84
May.....	2.75	8.45	4.60	10.41	1.66	8.50
June.....	2.82	11.27	2.80	13.21	3.26	11.76
July.....	1.79	13.06	7.94	21.15	5.48	17.24
August.....	1.85	14.91	1.76	22.91	1.63	18.87
September.....	1.30	16.21	0.35	23.26	1.18	20.05

\*30-year record

**\*ORD STATION, VALLEY COUNTY--ELEVATION - 2062**

October.....	1.55	1.55	1.90	1.90	3.42	3.42
November.....	0.74	2.29	0.66	2.56	0.46	3.88
December.....	0.67	2.96	0.29	2.85	0.60	4.48
January.....	0.46	3.42	0.21	3.06	0.50	4.98
February.....	0.61	4.03	0.20	3.26	1.54	6.52
March.....	1.05	5.08	2.31	5.57	1.74	8.26
April.....	2.53	7.61	3.68	9.25	3.55	11.81
May.....	3.40	11.01	6.34	15.59	3.23	15.04
June.....	4.14	15.15	5.09	20.68	2.71	17.75
July.....	3.06	18.21	1.50	22.18	5.92	23.67
August.....	2.55	20.76	3.18	25.36	1.40	25.07
September.....	2.38	23.14	5.30	30.66	1.42	26.49

\*67-year record

**\*FORT ROBINSON STATION, DAWES COUNTY--ELEVATION - 3807**

October.....	1.29	1.29	0.10	0.10	1.58	1.58
November.....	0.53	1.82	1.06	1.16	0.51	2.09
December.....	0.62	2.44	0.30	1.46	0.40	2.49
January.....	0.57	3.01	0.17	1.63	0.02	2.51
February.....	0.63	3.64	0.05	1.68	0.44	2.95
March.....	1.11	4.75	0.70	2.47	0.57	3.52
April.....	2.07	6.82	2.26	4.73	2.83	6.35
May.....	2.87	9.69	7.58	12.31	0.66	7.01
June.....	2.83	12.52	3.03	15.34	5.91	12.92
July.....	2.06	14.58	1.56	16.90	3.17	16.09
August.....	1.59	16.17	0.50	17.40	0.44	16.53
September.....	1.32	17.49	1.40	18.80	0.18	16.71

\*74-year record

MISCELLANEOUS STREAM DISCHARGE AND STORAGE RECORDS  
1959



KORTS RESERVOIR STORAGE IN ACRE-FEET  
Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2330	1930	4190	3940	4560	4570	4440	4590	4590	4440	4620	4560
2	2300	1890	4390	4180	4580	4580	4420	4610	4580	4560	4580	4520
3	2270	1900	4420	4300	4590	4570	4440	4570	4440	4560	4530	4560
4	2240	1910	4480	4280	4570	4590	4640	4520	4590	4490	4560	4520
5	2210	1970	4640	3850	4560	4570	4530	4590	4570	4540	4470	4610
6	2180	2040	4560	4050	4570	4590	4590	4580	4580	4560	4570	4620
7	2150	2120	4500	3790	4600	4590	4590	4480	4530	4590	4540	4490
8	2120	2130	4600	3730	4580	4590	4570	4660	4290	4510	4570	4580
9	2090	2170	4640	3780	4560	4560	4580	4530	4400	4590	4600	4650
10	2060	2300	4580	4070	4570	4590	4570	4570	4460	4490	4600	4600
11	2030	2600	4550	4120	4570	4570	4570	4590	4570	4595	4560	4660
12	2000	3130	4520	4560	4280	4640	4570	4530	4320	4580	4500	4590
13	1970	2430	4520	4620	4590	4590	4580	4590	4590	4610	4580	4670
14	1940	4060	4530	4520	4590	4590	4560	4540	4610	4390	4530	4620
15	1910	4350	4510	4600	4580	4570	4590	4570	4530	4600	4580	4610
16	1880	4420	4520	4500	4530	4530	4510	4560	4470	4540	4560	4490
17	1850	4360	4520	4540	4680	4590	4580	4590	4310	4590	4570	4600
18	1820	4340	4480	4560	4690	4570	4580	4620	4430	4580	4560	4600
19	1390	4380	4500	4570	4700	4610	4550	4550	4580	4480	4580	4580
20	1390	4460	4430	4580	4530	4640	4580	4650	4460	4580	4230	4550
21	1370	4440	4500	4580	4560	4420	4590	4640	4480	4590	4550	4600
22	1380	4450	4530	4590	4540	4560	4630	4560	4520	4450	4650	4670
23	1330	4260	4560	4590	4670	4530	4600	4560	4650	4450	4570	4440
24	1330	4450	4530	4590	4580	4530	4620	4580	4540	4520	4620	4580
25	1330	4540	4550	4580	4580	4610	4580	4530	4620	4520	4660	4690
26	1380	4560	4550	4620	4530	4570	4530	4530	4520	4580	4550	4630
27	1370	4440	4510	4580	4570	4630	4600	4500	4610	4610	4490	4590
28	1370	4500	4480	4620	4570	4670	4540	4590	4610	4630	4510	4490
29	1370	4390	4530	4600	----	4510	4550	4520	4520	4520	4590	4340
30	1360	4230	4600	4600	----	4530	4600	4610	4520	4560	4540	4590
31	1330	----	4260	4600	----	4620	----	4460	----	4630	4580	4590

DISCHARGE IN SECOND FEET OF NORTH PLATTE RIVER PASSING  
TRI-STATE DAM--Water Year Ending September 30, 1959

Date	Oct.	May	June	July	Aug.	Sept.
1	176	19	2	45	76	34
2	230	19	3	8	67	15
3	238	20	2	5	42	4
4	233	22	1	2	48	4
5	228	22	1	1	38	13
6	277	22	1	4	13	4
7	377	14	1	13	51	3
8	391	7	1	7	99	2
9	385	7	1	5	146	1
10	375	6	6	5	223	1
11	359	6	5	5	144	4
12	346	5	7	6	99	46
13	331	5	6	14	72	67
14	315	5	1	3	81	63
15	315	6	1	1	74	45
16	307	5	1	2	29	25
17	297	6	1	3	8	14
18	294	6	9	4	7	11
19	300	6	60	3	7	6
20	300	5	6	3	8	4
21	290	5	3	3	27	1
22	282	6	2	39	14	1
23	282	6	226	44	4	1
24	282	6	161	46	4	25
25	280	4	136	18	9	176
26	284	13	142	17	9	203
27	282	23	148	45	7	168
28	277	6	159	67	17	144
29	280	3	357	68	20	190
30	284	1	216	85	46	210
31	287	1	---	81	45	---
Mean	296	9	56	21	49	50
Max.	391	23	357	85	223	210
Min.	176	1	1	1	4	1
A.F.	18220	570	3300	1290	3040	2950
Total acre-feet for 6 month period						
29370 A.F.						

KINGSLEY RESERVOIR STORAGE IN ACRE-FOOT  
Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1232200	1263400	1307300	1364500	1405800	1457300	1517500	1584200	1646900	1555600	1424000	1270600
2	1232200	1263400	1309800	1367000	1405800	1455800	1520200	1579000	1649300	1595800	1416200	1265900
3	1232200	1265800	1312200	1367000	1405400	1455800	1522900	1579000	1649300	1579000	1411000	1263400
4	1234600	1268200	1317100	1367000	1411000	1457400	1525600	1591000	1652700	1584200	1403200	1261900
5	1234600	1268200	1319600	1367000	1411000	1463900	1525600	1592700	1652700	1571400	1395400	1258600
6	1237000	1270600	1319600	1367000	1413600	1463400	1527300	1595500	1652700	1578600	1390200	1256200
7	1239400	1273000	1319600	1367000	1413600	1466400	1531000	1597400	1652700	1575300	1392400	1253800
8	1239400	1273000	1319600	1367000	1416200	1469000	1533900	1601200	1652700	1573000	1374600	1251400
9	1241800	1275400	1322000	1367000	1416200	1469000	1536600	1607000	1652700	1570200	1369500	1249000
10	1241800	1277900	1322000	1369500	1416200	1469000	1539400	1609800	1652700	1564100	1364500	1246600
11	1241800	1277900	1322000	1372000	1418800	1471700	1539400	1612600	1652700	1559000	1359000	1244200
12	1244200	1280400	1322000	1374600	1418800	1474400	1542200	1612600	1652700	1556200	1349500	1241800
13	1244200	1282800	1324500	1377200	1421400	1474400	1545000	1615500	1649300	1547800	1347000	1239400
14	1244200	1282800	1327000	1379800	1421400	1477000	1547800	1615500	1646900	1542200	1342000	1237000
15	1246600	1285200	1329500	1382400	1424000	1479700	1550600	1619400	1646900	1536600	1334500	1234600
16	1246600	1287700	1329500	1385000	1426600	1482400	1553400	1619400	1644000	1528300	1329500	1232200
17	1246600	1287700	1332000	1385000	1429200	1485400	1557400	1621200	1644000	1520200	1324500	1229800
18	1249000	1287700	1332000	1385000	1432000	1485100	1558200	1624000	1641200	1514200	1319600	1227400
19	1249000	1287700	1337000	1387600	1432000	1485100	1559000	1626900	1635400	1506700	1314600	1225000
20	1249000	1287700	1339500	1390200	1434600	1487800	1561800	1629300	1629300	1495600	1309800	1225000
21	1249000	1292600	1342000	1392000	1434600	1490500	1564100	1629300	1625900	1493200	1304300	1222600
22	1249000	1297500	1344500	1395000	1437200	1490500	1564100	1626600	1621200	1487200	1302400	1222600
23	1249000	1297500	1347000	1399200	1437200	1493200	1567400	1635400	1615400	1479700	1297500	1220300
24	1251400	1300000	1352000	1392800	1439900	1493200	1570200	1635400	1615500	1474400	1295000	1220300
25	1251400	1300000	1354500	1392800	1442600	1495900	1573000	1633300	1612600	1469000	1290200	1222600
26	1251400	1302400	1354500	1392800	1445200	1495600	1573000	1633300	1609300	1463800	1285200	1222600
27	1251400	1302400	1357000	1395400	1447800	1501300	1575300	1641200	1609300	1458400	1282200	1222600
28	1253800	1304800	1359500	1398000	1450500	1504000	1578600	1641200	1604100	1450500	1280400	1225000
29	1256200	1304800	1362000	1403200	-----	1506700	1581400	1641200	1601200	1445200	1277900	1227400
30	1258600	1307300	1364500	1403200	-----	1509400	1581400	1644000	1599400	1437200	1275400	1227400
31	1261000	-----	1364500	1403200	-----	1512100	-----	1646900	-----	1439300	1273000	-----

SUTHERLAND RESERVOIR SYSTEM  
Combined Storage in Sutherland and Regulator Reservoirs  
Live and Storage for Power in Acre-foot--Township 13 N., Ranges 30 and 33 W.  
Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	42813	60038	62518	63836	57937	55791	59667	53084	51404	40705	41098	31907
2	41427	60129	63238	62529	56111	56477	60008	52550	52528	41869	40617	31064
3	40733	60304	63434	62222	55705	56910	60693	52429	53210	42797	40166	29944
4	40472	60391	63693	61887	54911	57453	61338	52102	53765	44041	39508	30237
5	40619	59677	63281	61241	55684	57081	62259	51338	53504	46298	38721	29824
6	40324	59582	62544	60901	55308	57545	61882	50171	52981	47849	38617	29298
7	40324	59878	61980	60101	55085	56547	62237	48651	52158	48724	39118	28530
8	40027	60396	61390	59955	54584	56429	62728	47996	49437	49893	39761	27159
9	40791	61109	60229	59669	54257	56229	60173	47741	47276	50353	40171	25837
10	42015	62240	59545	59266	53820	56000	59342	48033	45221	49400	40870	24850
11	42778	63311	58269	59325	52630	59996	59045	48295	43038	47650	40749	24254
12	43772	63350	57957	59268	52444	55736	58811	48668	41496	46457	39207	23227
13	44606	62963	57785	60043	52836	55793	57860	47738	39929	46279	38966	22144
14	45060	63064	57077	60358	52444	56079	57365	48222	38338	45871	39954	21251
15	45833	63382	57074	60587	52536	56196	56592	48037	35767	45437	41724	19704
16	46399	63990	57176	60642	52389	55504	56444	48620	33081	45509	42075	17947
17	47057	63434	57594	60668	52471	55275	55452	48594	31948	45566	42243	17627
18	47744	63460	58350	61043	52591	54877	55553	48620	30532	46848	41038	16909
19	48689	63274	59409	61241	52465	54622	55428	48104	30100	47094	41954	16172
20	49382	64369	59981	61067	52378	54595	55304	48571	29911	46431	43369	15244
21	49862	64699	60236	60174	52541	54431	54903	48086	30138	47432	43647	13836
22	50670	64270	60695	59916	52487	54241	54383	48286	30702	47804	44172	13518
23	51232	64307	61124	59511	52531	53963	53804	47831	31799	49310	44557	13431
24	52750	64401	61453	59482	52280	53686	53058	47653	32578	49500	43424	13281
25	53316	64638	61928	59539	52973	53859	52758	47106	33266	48926	42243	13734
26	54565	64617	62578	58490	54527	53956	52572	46758	33853	46960	40821	13850
27	55782	64656	62993	58092	55052	56576	52049	46758	35129	45602	39761	13791
28	56945	63508	63174	58204	55394	57119	51640	47166	35553	44577	38435	13651
29	57896	63300	63297	58624	-----	57808	52391	48508	37599	42705	37035	13482
30	58684	62736	63475	58684	-----	58467	53111	49522	39656	42500	35543	13349
31	59523	-----	63683	58309	-----	58982	-----	50793	-----	41430	33401	-----

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND  
SOUTH PLATTE RIVERS NEAR NORTH PLATTE  
Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1400	801	1300	904	1180	1140	1440	1280	1330	1960	3400	2010
2	1590	931	1160	830	1490	1070	1440	1260	1270	1710	3260	1830
3	1420	994	1010	832	1210	1020	1380	1180	1260	1750	3360	1600
4	1530	1010	1110	906	1380	1000	1260	1340	1240	1580	3610	1580
5	1440	1010	1240	1040	1420	1010	1770	1310	1360	1410	3580	1550
6	1470	968	1270	1000	1400	1210	1760	1420	1470	1190	3540	1380
7	1320	939	1100	1250	1360	1290	1460	1680	1160	1280	3200	1490
8	1320	970	1220	1290	1180	1200	1440	1720	1540	1030	2950	1600
9	1320	926	1350	1300	1110	1320	1560	1720	1520	1250	2540	1270
10	1080	936	1370	1370	1150	1330	1580	1100	1480	1610	2870	1490
11	1040	982	1420	1240	1270	1330	1620	1160	1550	1590	3000	1570
12	921	1100	1420	1290	1260	1310	1390	1160	1470	1970	2840	1620
13	1030	1110	1240	1140	1410	1280	1650	1540	1320	2460	2880	1410
14	1110	1090	1190	1140	1600	1310	1520	1420	1290	2520	2840	1590
15	1060	1080	1180	1110	1330	1260	1610	1430	1660	2690	2750	1640
16	1040	948	1110	1050	1450	1440	1510	1360	1750	2960	2600	1620
17	1020	1300	1110	1060	1340	1540	1620	866	1920	3070	2330	1650
18	1040	1210	1020	1050	1170	1500	1730	1660	1950	3180	2250	1590
19	1040	1160	1110	1120	1010	1470	1680	1640	2050	3110	1850	1790
20	905	1360	1180	1000	1020	1360	1710	1480	2090	3290	1710	1630
21	986	1340	1040	1020	1030	1320	1700	1440	2060	3270	2120	1700
22	992	1360	1180	1090	1470	1250	1690	1410	2010	3400	1920	1640
23	995	1280	1120	1140	1390	1400	1810	1340	2150	3080	1870	1660
24	982	1250	1080	1200	1490	1340	1760	1220	2070	3060	2010	1760
25	986	1110	1040	1260	1360	1260	1790	1300	2060	2780	2200	1600
26	1010	1070	954	1380	1290	1350	1540	1110	2200	2780	2100	1660
27	1010	1140	947	1320	1340	1170	1720	1050	2240	2920	2160	1460
28	1010	1100	914	1330	1360	1390	1680	1040	2220	2970	2230	1440
29	999	1170	957	1180	---	1240	1510	1070	2100	3010	2170	1460
30	838	1300	818	1160	---	1400	1270	1160	2070	3130	1990	1480
31	861	---	849	1080	---	1450	---	1020	---	3070	2100	---
Mean	1121	1098	1129	1130	1302	1289	1563	1314	1729	2422	2588	1592
Max.	1590	1360	1420	1380	1600	1540	1810	1720	2240	3400	3610	2010
Min.	838	801	818	830	1010	1000	1070	866	1160	1030	1710	1270
A.F.	68960	65350	69440	69580	72340	79260	93020	80800	102860	148920	159130	94750
Total acre-feet	1104410 A.F.											

DISCHARGE IN SECOND-FEET OF PLATTE RIVER BELOW  
TRI-COUNTY DIVERSION DAM--Sec. 10-13-29 W.  
Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	56	98	216	1180	102
2	93	66	158	993	66
3	59	107	136	1020	52
4	84	63	122	1260	77
5	63	56	107	1300	59
6	93	56	117	1240	49
7	74	112	98	1010	47
8	117	93	84	866	74
9	77	98	84	624	47
10	117	102	98	643	39
11	59	88	158	724	66
12	84	84	235	777	56
13	56	84	360	799	49
14	84	77	446	735	42
15	52	88	540	604	84
16	93	102	576	479	66
17	66	102	735	405	59
18	142	102	866	247	93
19	170	107	866	170	74
20	229	181	1060	126	56
21	153	153	1060	98	63
22	204	192	1170	88	102
23	117	164	981	59	63
24	117	170	947	84	63
25	77	153	766	98	93
26	93	186	652	84	66
27	66	247	788	66	56
28	84	253	788	102	56
29	70	235	844	84	84
30	84	235	923	66	84
31	74	---	889	66	---
Mean	97	128	544	519	66
Max.	229	253	1170	1300	102
Min.	52	56	84	59	39
A.F.	5960	7640	33460	31930	3940
Total acre-feet (5 month period)	82930 A.F.				

CRESCENT LAKE STORAGE IN ACRE-FEET  
At head of Blue Creek--Sec. 21-20-44 W.  
Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	1400	---	---	---	---	---	---	---	---	---	---	430
3	---	---	---	---	---	---	---	---	---	---	1240	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	1310	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	2620	---	---	1240	---
7	---	---	---	1660	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	2460	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	2520	---	340
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	2140	---	---	2840	---	1170	---
12	1330	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	1100	---
14	---	---	---	---	---	---	---	2800	---	---	---	---
15	---	---	---	---	---	---	---	2730	---	2100	---	---
16	---	---	---	---	---	---	---	---	---	---	---	210
17	1560	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	970	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	1420	---	---	1780	---	---	---	---	---	1780	---	---
21	---	---	---	1740	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	1650	---	210
24	---	---	---	---	---	---	2590	---	---	---	---	---
25	---	---	---	---	---	---	---	---	2800	---	---	---
26	1490	---	---	---	2020	---	---	---	---	---	700	---
27	---	---	---	1780	---	---	---	---	---	1440	---	---
28	---	---	---	---	---	---	---	2960	---	---	---	---
29	---	---	---	---	---	---	2620	---	---	---	530	---
30	---	---	---	---	---	---	---	---	---	1330	---	270
31	---	---	1620	---	---	2440	---	---	---	---	---	---

DISCHARGE IN SECOND- FEET OF BLUE RIVER, LITTLE, NEAR GILSON  
Sec. 34-3-1 W.--Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	390	110	74
2	---	---	---	---	---	---	---	---	---	320	110	71
3	---	---	---	---	---	---	---	---	---	280	350	181
4	---	---	---	---	---	---	---	---	---	5000	250	232
5	---	---	---	---	---	---	---	---	---	7000	170	163
6	---	---	---	---	---	---	---	---	---	4000	120	120
7	---	---	---	---	---	---	---	---	---	2000	94	104
8	---	---	---	---	---	---	---	---	---	1000	72	94
9	---	---	---	---	---	---	---	---	---	580	72	80
10	---	---	---	---	---	---	---	---	---	470	73	74
11	---	---	---	---	---	---	---	---	---	400	68	70
12	---	---	---	---	---	---	---	---	---	340	58	69
13	---	---	---	---	---	---	---	---	---	320	54	70
14	---	---	---	---	---	---	---	---	---	300	59	73
15	---	---	---	---	---	---	---	---	---	280	67	68
16	---	---	---	---	---	---	---	---	---	250	430	68
17	---	---	---	---	---	---	---	---	---	300	370	79
18	---	---	---	---	---	---	---	---	---	500	270	163
19	---	---	---	---	---	---	---	---	---	390	180	1870
20	---	---	---	---	---	---	---	---	---	320	130	1630
21	---	---	---	---	---	---	---	---	---	260	108	840
22	---	---	---	---	---	---	---	---	---	220	94	435
23	---	---	---	---	---	---	---	---	---	190	88	288
24	---	---	---	---	---	---	---	---	---	160	84	230
25	---	---	---	---	---	---	---	---	---	150	74	190
26	---	---	---	---	---	---	---	---	---	140	66	187
27	---	---	---	---	---	---	---	---	---	130	62	190
28	---	---	---	---	---	---	---	---	---	130	60	151
29	---	---	---	---	---	---	---	---	---	130	58	129
30	---	---	---	---	---	---	---	---	---	120	61	126
31	---	---	---	---	---	---	---	---	---	120	66	---
Mean	---	---	---	---	---	---	---	---	---	845	127	271
Max.	---	---	---	---	---	---	---	---	---	7000	430	1870
Min.	---	---	---	---	---	---	---	---	---	120	54	68
A. F.	---	---	---	---	---	---	---	---	---	51950	7790	16100

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR ELM CREEK  
Sec. 33-9-18 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	0	12	15	0	28
2	0	8	21	0	24
3	0	5	63	1	23
4	0	3	174	2	34
5	0	2	82	21	36
6	0	1	146	20	42
7	0	1	170	11	28
8	0	11	92	15	17
9	0	6	49	13	12
10	0	4	31	12	12
11	0	2	71	12	14
12	0	3	56	6	24
13	0	3	30	3	24
14	0	3	17	1	16
15	0	1	19	8	17
16	0	0	34	4	17
17	0	4	22	3	20
18	0	4	14	40	20
19	0	6	19	47	15
20	0	5	17	41	27
21	0	23	30	19	53
22	1	24	16	40	51
23	1	29	17	24	36
24	1	27	17	21	34
25	15	36	16	18	29
26	11	28	18	14	17
27	6	31	25	15	10
28	7	25	18	6	10
29	3	19	18	10	7
30	3	18	12	17	8
31	13	--	0	33	--
Mean	2	11	43	15	23
Max.	15	36	174	43	53
Min.	0	0	0	0	7
A.F.	120	680	2640	940	1400

DISCHARGE IN SECOND FEET OF CEDAR CREEK NEAR BROADWATER  
Sec. 11-18-48 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	12	10	9	2	2
2	12	9	6	2	2
3	12	9	5	2	2
4	12	6	7	2	2
5	13	9	5	2	3
6	12	7	4	2	3
7	12	5	2	2	3
8	11	8	2	2	3
9	11	4	1	1	2
10	11	5	2	1	4
11	10	8	1	1	4
12	11	6	2	1	2
13	11	8	1	2	2
14	10	9	1	2	4
15	10	8	1	2	4
16	13	6	1	2	2
17	13	8	2	2	4
18	13	9	2	2	5
19	13	6	2	2	7
20	13	5	2	2	8
21	13	7	3	2	8
22	13	7	4	2	8
23	10	5	3	2	12
24	10	6	2	2	13
25	9	5	2	2	15
26	10	4	2	2	15
27	8	6	2	2	15
28	8	5	2	2	13
29	14	7	2	2	14
30	13	8	2	2	14
31	10	--	2	2	--
Mean	11	7	3	2	6
Max.	14	10	9	2	15
Min.	8	4	1	1	2
A.F.	700	410	170	110	390

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN  
Sec. 6-20-52 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	1	16	26	7	14
2	1	15	22	10	13
3	1	17	21	12	17
4	1	18	20	8	13
5	2	19	20	6	18
6	2	15	19	5	16
7	1	18	15	4	18
8	4	16	10	5	20
9	4	20	7	5	19
10	3	19	9	7	17
11	1	20	7	6	17
12	1	19	10	6	19
13	1	22	9	8	19
14	7	24	11	8	21
15	8	23	7	8	20
16	10	22	8	9	15
17	9	19	11	10	15
18	10	19	14	9	18
19	11	21	13	6	25
20	6	21	14	6	21
21	6	21	15	6	20
22	1	22	18	6	20
23	10	21	16	6	15
24	10	25	14	6	12
25	10	24	14	8	28
26	11	24	9	8	18
27	9	18	8	9	15
28	9	22	10	10	14
29	20	23	13	9	13
30	14	28	10	13	15
31	22	--	9	12	--
Mean	7	20	13	8	17
Max.	22	28	26	13	28
Min.	1	15	7	4	12
A.F.	410	1210	810	470	1030

DISCHARGE IN SECOND-FEET OF DAWSON COUNTY DRAIN NO. 2  
Sec. 25-10-23 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	2	3	5	9	10
2	2	3	5	8	9
3	2	3	4	10	9
4	3	3	7	10	8
5	2	3	5	11	8
6	2	3	5	11	7
7	2	3	5	10	7
8	2	3	5	11	7
9	2	3	5	11	6
10	2	3	5	12	5
11	2	3	5	11	5
12	2	3	5	12	5
13	2	3	6	11	5
14	2	3	6	17	5
15	2	3	8	16	6
16	2	3	8	14	5
17	2	3	9	14	5
18	2	3	11	15	6
19	2	3	13	13	4
20	2	4	10	14	4
21	3	4	12	14	6
22	3	6	10	14	5
23	3	4	9	14	5
24	3	4	9	13	5
25	3	4	8	12	5
26	3	4	9	13	5
27	3	4	8	13	4
28	3	4	9	14	4
29	3	4	8	13	4
30	3	12	9	12	4
31	3	--	9	10	--
Mean	2	4	7	12	6
Max.	3	12	13	17	10
Min.	2	3	4	8	4
A.F.	150	220	460	760	350

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER, NEAR  
NORTHPORT--Sec. 20-20-50 W.--Water Year Ending September 30, 1959.

Date	May	June	July	Aug	Sept.
1	2	6	17	9	7
2	2	4	16	10	7
3	2	7	13	9	15
4	5	9	13	10	9
5	5	10	11	8	10
6	2	11	7	9	11
7	6	13	6	9	12
8	3	13	7	11	10
9	3	15	7	9	11
10	2	15	4	11	10
11	2	16	4	9	11
12	1	43	5	10	14
13	1	39	8	10	13
14	2	42	12	11	13
15	1	47	6	10	14
16	1	35	9	10	14
17	1	24	8	9	15
18	1	29	7	11	15
19	1	30	7	12	15
20	1	30	8	6	15
21	1	56	7	10	15
22	1	48	9	9	15
23	1	60	4	9	15
24	1	72	8	9	15
25	1	46	10	8	15
26	1	42	7	9	15
27	1	32	6	9	15
28	1	23	6	9	14
29	1	18	7	8	15
30	1	18	8	9	14
31	9	—	8	9	—
Mean	2	28	8	9	14
Max.	9	72	17	12	20
Min.	1	4	4	6	7
A.F.	120	1690	510	580	850

DISCHARGE IN SECOND-FEET OF ELM CREEK NEAR ELM CREEK  
Sec. 33-9-18 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	0	0	23	3	14
2	0	0	25	9	12
3	0	0	8	10	12
4	0	0	231	6	6
5	0	0	188	6	1
6	0	7	23	3	1
7	0	5	6	2	0
8	0	2	4	3	2
9	0	1	1	1	7
10	0	3	0	1	9
11	0	2	9	0	1
12	0	0	1	0	0
13	0	0	0	1	2
14	0	4	20	3	0
15	0	9	19	1	12
16	0	6	3	4	9
17	0	4	7	4	7
18	0	4	2	6	5
19	0	9	9	6	12
20	0	11	11	6	6
21	0	13	7	6	6
22	1	12	6	7	2
23	8	13	1	5	0
24	3	16	2	7	0
25	4	18	2	5	0
26	2	18	2	6	0
27	2	14	2	1	0
28	0	6	5	11	0
29	6	1	4	12	0
30	3	12	2	11	0
31	2	—	0	13	—
Mean	1	7	20	5	4
Max.	8	18	231	12	14
Min.	0	0	0	0	0
A.F.	60	390	1240	320	250

DISCHARGE IN SECOND-FEET OF FREMONT SLOUGH INTO  
SUTHERLAND POWER RETURN--Sec. 16-13-30 W.  
Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	32	30	28	16	20
2	28	29	26	18	20
3	27	28	25	20	22
4	27	31	24	20	22
5	28	31	24	22	20
6	28	28	24	21	20
7	33	28	24	19	20
8	31	27	24	20	20
9	35	26	24	20	19
10	32	26	23	19	19
11	29	24	22	20	20
12	27	25	22	19	20
13	27	25	22	20	20
14	25	24	20	21	20
15	24	23	22	22	20
16	24	22	22	20	20
17	27	24	21	22	22
18	59	24	21	20	24
19	72	26	20	20	23
20	70	26	20	20	21
21	58	28	19	20	20
22	44	27	19	20	20
23	42	27	19	18	20
24	38	26	17	18	20
25	34	24	18	19	22
26	34	24	14	19	22
27	34	24	16	19	21
28	33	24	15	13	22
29	31	24	14	19	22
30	31	33	14	19	22
31	31	—	14	22	—
Mean	35	26	21	20	21
Max.	72	33	28	22	24
Min.	27	22	14	16	19
A.F.	2160	1560	1260	1210	1240

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT  
Sec. 19-20-50 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	4	9	12	5	14
2	3	5	23	10	12
3	4	7	26	11	17
4	4	7	23	12	13
5	4	7	20	9	16
6	3	4	22	10	16
7	7	5	25	10	17
8	3	4	18	12	18
9	4	2	26	9	16
10	3	3	17	9	13
11	3	6	17	8	14
12	3	4	18	7	15
13	3	5	16	11	15
14	3	9	13	11	14
15	4	11	10	10	13
16	4	10	16	10	13
17	5	11	18	7	13
18	5	11	18	6	16
19	6	14	19	5	16
20	7	12	17	4	16
21	11	2	19	3	14
22	10	16	14	8	16
23	7	13	14	8	15
24	7	15	16	10	19
25	7	17	15	8	17
26	5	24	17	8	17
27	6	26	18	10	15
28	7	28	13	10	10
29	9	22	13	10	10
30	4	25	15	11	10
31	7	—	14	11	—
Mean	5	11	17	9	15
Max.	11	28	26	12	19
Min.	3	2	10	3	10
A.F.	320	670	1050	540	870

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK  
BELOW OLIVER RESERVOIR AND NEW RUTTNER DIVERSION DAM  
Sec. 31-15-56 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	7	5	4	6	4
2	7	5	4	4	4
3	7	5	5	4	3
4	7	9	8	3	6
5	8	5	8	4	6
6	8	5	6	3	6
7	9	6	4	3	6
8	9	7	4	3	6
9	14	7	4	3	6
10	16	7	4	3	4
11	7	7	4	3	6
12	7	6	3	3	6
13	8	6	4	3	6
14	8	7	4	3	5
15	8	7	4	3	4
16	8	3	4	3	4
17	10	3	8	3	3
18	10	3	8	3	3
19	10	3	8	3	3
20	12	3	8	3	3
21	10	3	8	3	3
22	11	3	8	3	3
23	24	3	8	3	3
24	24	3	8	3	4
25	25	3	8	3	4
26	22	3	8	3	3
27	21	3	8	3	3
28	5	4	8	4	3
29	4	4	7	4	2
30	4	4	9	4	2
31	4	-	6	3	-
Mean	11	5	6	3	4
Max.	25	9	9	6	6
Min.	4	3	4	3	3
A.F.	660	280	380	200	250

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK ABOVE BENNETT  
RESERVOIR--Sec. 22-15-55 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	8	9	0	0	0
2	7	9	0	0	0
3	5	5	0	0	0
4	11	0	0	0	0
5	11	5	0	0	0
6	11	1	0	0	0
7	12	0	0	0	0
8	9	0	0	0	0
9	13	0	0	0	0
10	11	0	0	0	0
11	15	0	0	0	0
12	15	0	0	0	0
13	13	7	0	0	0
14	15	5	0	0	0
15	14	9	0	0	0
16	12	0	0	0	0
17	14	0	0	0	0
18	16	0	0	0	0
19	16	0	0	0	0
20	17	0	0	0	0
21	16	0	0	0	0
22	18	0	0	0	0
23	17	0	0	0	0
24	20	0	0	0	0
25	27	0	0	0	0
26	19	0	0	0	0
27	20	0	0	0	0
28	11	0	0	0	0
29	9	0	0	0	0
30	7	0	0	0	0
31	6	-	0	0	-
Mean	13	2	0	0	0
Max.	27	9	0	0	0
Min.	5	0	0	0	0
A.F.	820	100	0	0	0

BENNETT RESERVOIR STORAGE IN ACRES-FEET  
A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.  
Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	500	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	950	---	---	---	---	---	---	---	---	---
6	---	---	---	---	1190	---	---	---	---	---	---	---
7	---	---	---	---	---	1210	---	---	---	---	---	---
8	---	---	---	1170	---	---	---	830	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	510	---	---	---	---	---	1154	---	---	380	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	1000	---	---	---	---	---	---	---	---	---
13	---	---	---	---	1190	1130	---	---	---	---	---	---
14	---	---	---	1190	---	---	---	---	---	---	150	---
15	---	---	---	---	---	---	---	760	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	560	---	---	---	---	---	1134	---	---	---	---	---
18	---	---	1050	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	640	---	---	---
20	---	---	---	---	1190	1130	---	---	---	---	---	---
21	---	810	---	1210	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	980	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	1100	---	---	---	1126	---	---	220	---	---
25	---	---	---	---	---	---	---	---	530	---	---	---
26	---	850	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	1210	---	---	---	---	---	---	---
28	---	---	---	1190	---	---	---	960	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	1142	---	---	---	---	70
31	630	---	1120	---	---	1100	---	---	---	---	---	---

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK BELOW BENTLEY  
 RESERVOIR--Sec. 22-16-55 W --Water Year Ending September 30, 1959

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

OLIVER RESERVOIR STORAGE IN ACRE-FEET  
 From Lodgepole Creek--Sec. 36-15-57 W.  
 Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	----	----	----
2	----	----	----	----	----	----	----	----	----	----	----	----
3	----	----	----	----	----	----	----	----	----	----	----	----
4	----	----	----	----	----	----	----	----	5610	----	----	----
5	----	----	3180	----	----	----	----	----	----	----	----	----
6	----	----	----	----	----	4830	----	----	----	----	----	----
7	----	----	----	----	----	----	----	----	----	2120	----	----
8	----	----	----	3868	----	----	----	5900	----	----	----	----
9	----	----	----	----	----	----	----	----	----	----	----	970
10	2170	----	----	----	----	----	----	----	----	3260	----	----
11	----	----	----	----	----	----	----	----	----	----	----	----
12	----	----	3193	----	----	----	----	----	4950	----	----	----
13	----	----	----	----	4340	4930	----	----	----	----	----	----
14	----	2330	----	3960	----	----	----	----	----	----	1760	----
15	----	----	----	----	----	----	----	5850	----	----	----	----
16	----	----	----	----	----	----	----	----	----	3350	----	----
17	2270	----	----	----	----	----	5670	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	----	----	1100
19	----	----	----	----	----	----	----	----	----	----	----	----
20	----	----	----	----	----	5020	----	----	----	----	----	----
21	----	----	----	4050	----	----	----	----	----	----	1500	----
22	----	----	----	----	----	----	----	5920	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	3630	----	----	----	5790	----	----	2600	----	----
25	----	----	----	----	----	----	----	----	3880	----	----	----
26	----	2340	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	4470	----	----	----	----	----	----	----
28	----	----	----	4200	----	----	----	5850	----	----	----	----
29	----	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	5800	----	----	----	----	1400
31	2310	----	3740	----	----	5280	----	----	----	2330	----	----



DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR MELBETA  
 Sec. 13-21-54 W.--Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	2	1	5	6	2
2	2	1	10	6	3
3	2	10	5	4	2
4	3	7	5	3	3
5	3	2	10	4	5
6	3	17	1	4	5
7	5	5	10	5	5
8	3	7	8	5	3
9	2	1	8	2	3
10	1	4	6	3	2
11	1	3	4	1	4
12	1	7	3	1	6
13	2	7	3	5	6
14	2	7	6	3	6
15	2	11	4	3	6
16	2	9	21	3	13
17	2	10	20	3	12
18	1	8	14	1	4
19	1	12	12	1	3
20	2	16	14	1	3
21	1	16	6	0	3
22	1	23	8	2	3
23	1	40	4	2	3
24	1	26	8	2	1
25	1	32	6	1	10
26	1	6	6	1	3
27	1	6	4	2	2
28	1	7	2	2	2
29	1	9	4	2	2
30	1	8	6	3	3
31	1	-	7	3	-
Mean	2	11	7	3	4
Max.	5	40	21	6	13
Min.	1	1	1	1	1
A.F.	110	630	450	170	250

BOX BUTTE RESERVOIR STORAGE IN ACRES-FEET  
 From Niobrara River--Sec. 28-29-49 W.  
 Live Storage For Irrigation  
 Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	-----	-----	15060	-----	-----	-----	-----	26380	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	22000	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	25080	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13980	8520
9	-----	13560	-----	-----	20450	-----	-----	-----	26480	24590	13830	-----
10	-----	-----	-----	18440	-----	22700	-----	26960	26030	24180	-----	8170
11	13080	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8080
12	-----	-----	-----	-----	-----	-----	25500	-----	-----	23460	-----	-----
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	22420	-----	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	21970	12720	-----
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
16	-----	-----	-----	-----	-----	-----	-----	-----	24240	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	20550	12510	7390
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	11640	-----
19	13180	-----	-----	-----	-----	-----	-----	-----	-----	-----	20530	-----
20	-----	14180	-----	19160	21200	23760	-----	-----	23540	20540	-----	7270
21	-----	-----	-----	-----	-----	-----	-----	-----	23410	-----	10970	7190
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
23	-----	-----	-----	-----	-----	-----	26200	-----	23540	19530	-----	-----
24	-----	-----	-----	-----	-----	-----	-----	-----	23750	-----	10800	-----
25	-----	-----	-----	-----	-----	-----	-----	-----	23890	-----	-----	6850
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10320	6930
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	-----	-----	-----	-----	-----	-----	-----	-----	-----	17360	-----	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	17580	-----	-----	-----	-----	-----	23810	-----	9750	7310
31	13440	-----	-----	19890	-----	24480	-----	27200	-----	15760	-----	-----

DISCHARGE IN SECOND-FEET OF SILVERMAIL DRAIN NEAR BRIDGEPORT  
 Sec. 6-1-49 W.---Water Year Ending September 30, 1959

DISCHARGE IN SECOND-FEET OF STREVER CREEK  
 Sec. 1-8-20 W.---Water Year Ending September 30, 1959

Date	May	June	July	Aug.	Sept.
1	8	5	25	8	27
2	4	5	24	8	16
3	4	5	34	8	5
4	4	5	19	8	7
5	4	5	5	7	13
6	4	5	18	7	16
7	4	5	5	11	18
8	4	5	27	9	21
9	4	4	11	6	8
10	4	5	29	11	19
11	4	4	4	7	21
12	4	4	4	6	36
13	4	13	3	7	21
14	4	15	20	16	26
15	4	15	13	21	21
16	4	18	10	18	10
17	4	5	21	17	14
18	4	7	6	17	25
19	4	8	6	26	28
20	4	8	4	17	23
21	4	23	5	20	35
22	4	19	3	11	23
23	4	16	9	22	16
24	5	26	11	23	15
25	5	22	7	5	31
26	4	26	14	9	16
27	4	27	10	6	10
28	4	29	9	9	8
29	4	12	6	24	5
30	4	33	5	27	12
31	4	—	5	28	—
Mean	4	13	12	14	18
Max.	8	33	34	28	35
Min.	4	4	3	5	5
A.F.	260	750	740	830	1080

Date	May	June	July	Aug.	Sept.
1	9	9	30	7	46
2	9	10	39	17	43
3	8	8	42	21	40
4	7	9	70	20	43
5	7	10	99	21	39
6	8	10	66	14	32
7	8	8	50	11	22
8	8	7	74	13	20
9	8	7	30	18	20
10	8	5	36	17	21
11	8	5	47	17	21
12	8	5	21	16	23
13	8	5	20	16	22
14	7	5	21	16	21
15	7	6	18	20	22
16	7	7	15	42	21
17	7	6	47	42	21
18	8	7	38	38	20
19	8	6	24	26	28
20	8	8	21	28	24
21	8	8	27	20	18
22	8	11	30	18	14
23	12	31	31	17	14
24	9	27	26	20	11
25	7	25	22	18	12
26	7	25	21	18	11
27	21	23	15	34	14
28	14	22	17	37	12
29	11	16	11	37	14
30	10	22	6	41	11
31	10	—	4	45	—
Mean	9	12	32	23	23
Max.	14	31	99	45	46
Min.	7	5	4	7	11
A.F.	540	710	1950	1440	1350

WHITNEY RESERVOIR STORAGE IN ACRES-FEET  
 From White River—Sec. 34-33-51 W.  
 Water Year Ending September 30, 1959

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	7600	—	8740	—	—	—	—	—	—
3	4850	—	—	—	—	—	—	—	10100	8360	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	5360	—
6	—	—	—	—	8360	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	6520	—	—	8760	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	7790	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	8960	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	4030	—
20	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	8060	—	—	9410	10070	—	—	—	—
24	—	—	7030	—	—	—	—	—	—	6750	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	3070	1980
29	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	2080
31	—	—	—	—	—	—	—	—	—	—	—	—

DIVERSION OF CANALS  
1959

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS  
BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT  
Values in Acre-feet

For the water Year Ending September 30, 1959

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	220	130	120	120	160	90	80	60	2460	2090	670	890	7090
Bayard Sugar Factory Drain	2180	1730	2050	1560	1250	1480	1270	990	570	710	810	1620	16220
+Cleveland Drain	450	120	140	120	80	180	170	410	1210	810	470	1030	5190
*DeGraw Drain	310	300	200	180	170	390	220	230	210	220	230	360	3020
+Dugout Creek, Upper	560	420	370	220	220	130	80	120	1690	510	580	850	5750
*Fairfield Seep	0	0	0	0	0	10	20	0	30	70	130	90	350
*Farming Seep	120	80	20	20	30	50	20	10	10	80	60	60	560
Gering Drain	2450	1670	1640	1490	1220	1390	1490	1320	2290	4190	2920	4140	26210
Horse Creek	4860	2650	2180	1570	1160	1270	1750	1720	6840	4180	4250	8320	40750
+Indian Creek	810	360	260	260	190	260	210	320	670	1050	540	870	5800
*Lane Drain	300	270	200	160	90	70	80	60	220	370	450	490	2760
+Melbeta Drain	80	60	60	80	70	70	90	110	630	450	170	250	2120
Nine Mile Drain	9350	6390	5570	4960	3960	4340	4090	5510	6280	6880	9780	11770	78880
Red Willow Drain	5980	4560	4250	3610	2890	3270	2910	5110	4620	3550	3260	8150	52160
*Scottsbluff Drain No. 1	210	120	120	150	110	60	90	140	560	160	380	430	2530
*Scottsbluff Drain No. 2	110	60	60	60	60	60	60	200	320	450	480	620	2540
Sheep Creek	6920	5680	5450	4870	4230	4540	4280	3740	310	260	230	1620	42130
Spotted Tail Creek, Dry	2800	1580	1550	1700	1280	1330	1240	1730	1790	1390	1770	2360	20520
*Spotted Tail Creek, Wet	820	780	630	610	500	500	410	460	860	670	970	880	8090
Tub Springs	3960	2680	2380	2060	1590	1750	2000	2020	1940	1320	830	2480	25010
Winters Creek	5220	3290	3050	3090	2650	2870	2530	1770	3550	1260	2740	4990	37010
<b>Totals</b>	<b>47710</b>	<b>32930</b>	<b>30300</b>	<b>26890</b>	<b>21910</b>	<b>24110</b>	<b>23090</b>	<b>26030</b>	<b>37060</b>	<b>30670</b>	<b>31720</b>	<b>52270</b>	<b>384690</b>

\*Estimated for entire year from measurements.

+Estimated October-April, inclusive. One reading daily May-September.

DISCHARGE FROM DRAINS  
1959

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

Table with columns: Date, Oct., May, June, July, Aug., Sept. and summary rows for Mean, Max., Min., A.F., and Water diverted.

ALLIANCE CANAL from Red Willow Creek  
Measured through rating flume  
Sec. 6-10-51 W.

Table with columns: Date, Oct., Nov., May, June, July, Aug., Sept. and summary rows for Mean, Max., Min., A.F., and Water diverted.

DAILY DIVERSIONS OF CANALS--1959

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

Table with columns: Date, May, June, July, Aug., Sept. and summary rows for Mean, Max., Min., A.F., and Water diverted.

DAILY DIVERSIONS OF CANALS--1959

BARTLEY CANAL from Republican River  
Measured through 8-foot Parshall flume  
Sec. 17-5-27 W.

Table with columns: Date, Oct., May, June, July, Aug., Sept. and summary rows for Mean, Max., Min., A.F., and Water diverted.

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	14	0	10	1	21	0
2	3	0	4	1	24	0
3	0	0	11	2	24	0
4	0	0	15	4	16	0
5	0	0	20	4	14	0
6	0	0	19	4	12	0
7	0	0	17	6	10	0
8	0	0	13	4	9	0
9	0	0	14	6	10	11
10	0	0	7	3	11	19
11	0	0	6	0	12	18
12	7	0	6	0	12	20
13	7	0	8	0	12	20
14	7	0	13	0	13	20
15	7	0	12	0	14	21
16	8	0	11	0	13	21
17	9	0	10	0	10	22
18	7	0	8	0	9	24
19	0	0	12	0	8	25
20	0	0	38	0	8	19
21	0	0	33	0	2	8
22	0	0	14	0	1	9
23	0	0	9	0	2	3
24	0	0	6	0	1	0
25	0	0	2	7	1	2
26	0	0	2	9	1	5
27	0	0	2	8	0	0
28	0	0	1	8	0	0
29	0	6	2	9	0	0
30	0	12	2	13	0	0
31	0	11	-	20	0	-
Mean	2	1	11	4	9	9
Max.	14	12	38	20	24	25
Min.	0	0	1	0	0	0
A.F.	140	60	550	220	530	530
Water diverted					Acreage reported	
Total 2130 A.F.					D-887 2030	
Natural Flow - 1450 A.F.; Pathfinder Storage - 680 A.F.						

DAILY DIVERSIONS OF CANALS--1959

HELMONT-EMPIRE CANAL from North Platte River  
Measured through rating flume--Sec. 18-20-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	77	0	33	104	148	142
2	75	0	29	92	148	149
3	76	0	40	98	148	140
4	25	0	48	102	149	143
5	0	0	49	89	152	144
6	0	0	49	113	154	140
7	0	0	64	120	142	140
8	0	0	68	107	167	142
9	0	0	80	120	161	138
10	0	0	119	160	155	136
11	0	0	116	150	146	134
12	0	0	110	142	146	131
13	0	0	113	115	152	132
14	0	53	100	112	134	131
15	0	73	107	113	137	132
16	0	73	140	131	138	134
17	0	75	137	136	138	131
18	0	67	137	142	134	131
19	0	53	112	144	130	131
20	0	41	104	138	136	120
21	0	36	100	142	137	118
22	0	38	98	137	132	118
23	0	36	120	137	131	110
24	0	30	101	143	134	71
25	0	25	122	140	134	41
26	0	23	144	138	134	37
27	0	58	164	140	140	37
28	0	56	164	142	143	36
29	0	27	118	140	145	37
30	0	27	122	152	140	37
31	0	29	---	144	131	--
Mean	8	26	100	128	142	112
Max.	77	75	164	160	167	149
Min.	0	0	29	89	130	36
A.F.	500	1630	5970	7900	8760	6670
Water diverted						
31430 A.F.						

DAILY DIVERSIONS OF CANALS--1959

BELMONT CANAL from Cedar Creek  
Measured through rating flume--Sec. 23-1E-48 W.

Date	May	June	July	Aug.	Sept.
1	0	8	2	6	8
2	0	8	2	6	9
3	0	9	3	6	9
4	0	8	3	7	9
5	0	8	3	7	9
6	0	8	3	7	9
7	0	8	5	7	9
8	0	8	5	6	9
9	0	8	6	6	8
10	0	8	6	6	9
11	0	8	6	6	9
12	0	7	6	6	9
13	0	7	6	6	10
14	0	6	6	6	10
15	0	6	6	6	10
16	0	6	6	6	10
17	0	5	6	6	10
18	0	4	6	6	9
19	0	3	6	6	7
20	0	3	6	6	7
21	0	2	6	6	7
22	0	2	6	6	7
23	0	2	6	7	7
24	0	2	6	7	7
25	0	2	6	9	7
26	0	2	6	8	7
27	3	2	6	8	7
28	8	2	6	8	6
29	8	2	6	8	2
30	8	2	6	8	0
31	8	-	6	8	-
Mean	1	5	5	7	7
Max.	8	9	6	9	10
Min.	0	2	2	6	2
A.F.	70	310	330	410	470

Water diverted  
1550 A.F.

DAILY DIVERSIONS OF CANALS--1959

BELMONT-EMPIRE CANAL

Summary in Acre-feet--1959

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	500	1630	5970	7900	8760	6670	31430
Cedar Creek-for Belmont..	0	70	310	330	410	470	1550
Total diversion.....	500	1700	6280	8230	9170	7140	33020
Water diverted 33020 A.F.							
						Acreage reported	
						D-828	14354
						D-858	1549
						Total	15903



DAILY DIVERSIONS OF CANALS--1959

BELMONT SPILL into Pumpkinseed Creek  
For D-828 lands via Meredith-Ammer Canal  
Measured through weir--Sec. 23-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	28	0	11	22	2	5
2	28	0	11	17	2	4
3	28	0	8	15	2	4
4	22	0	9	16	2	3
5	6	0	11	16	2	2
6	2	0	10	13	1	4
7	0	0	9	8	1	14
8	0	0	5	5	2	12
9	0	0	4	5	1	15
10	0	0	13	5	1	18
11	0	0	14	6	1	16
12	0	0	9	6	1	19
13	0	0	12	6	1	16
14	0	0	14	6	1	15
15	0	19	12	6	1	14
16	0	32	10	7	1	14
17	0	34	7	9	1	20
18	0	32	10	4	1	22
19	0	28	12	5	1	21
20	0	23	7	13	1	23
21	0	22	8	8	2	24
22	0	21	10	3	2	18
23	0	18	12	3	1	16
24	0	11	16	3	0	29
25	0	10	16	3	0	19
26	0	6	16	3	4	15
27	0	7	13	3	7	6
28	0	21	18	2	7	1
29	0	13	24	2	7	0
30	0	13	21	2	10	0
31	0	11	--	2	8	--
Mean	4	10	12	7	2	13
Max.	28	34	24	22	10	29
Min.	0	0	4	2	0	0
A.F.	230	640	700	440	150	770
Water transferred	2930 A.F.					

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	2	2	0	0
2	0	2	2	0	0
3	0	2	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	3	2	0	0
9	0	3	1	0	0
10	0	4	1	0	0
11	0	4	1	0	0
12	0	4	1	0	0
13	0	4	1	0	0
14	0	4	1	0	0
15	0	4	1	0	0
16	0	4	1	0	0
17	0	4	1	0	0
18	0	5	1	0	0
19	0	6	0	0	0
20	0	6	1	0	0
21	0	6	1	0	0
22	0	6	1	0	0
23	0	6	1	0	0
24	0	3	0	0	0
25	0	3	0	0	0
26	0	2	0	0	0
27	2	2	0	0	0
28	2	2	0	0	0
29	2	2	0	0	0
30	2	2	0	0	0
31	2	--	0	0	--
Mean	0	3	1	0	0
Max.	2	6	2	0	0
Min.	0	2	0	0	0
A.F.	20	200	60	0	0
Water diverted	280 A.F.				
			Acreage reported		
			A-691	86	
			A-1975	418	
			Total	504	

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	2	0	0
2	0	0	2	0	0
3	0	0	2	0	0
4	0	0	1	0	0
5	0	0	1	0	0
6	0	0	1	0	0
7	0	0	1	0	0
8	0	0	1	0	0
9	0	0	1	0	0
10	0	0	1	0	0
11	0	0	1	0	0
12	0	0	1	0	0
13	0	0	1	0	0
14	0	0	1	0	0
15	0	0	1	0	0
16	0	0	2	0	0
17	0	0	3	0	0
18	0	0	1	0	0
19	0	1	1	0	0
20	0	1	1	0	0
21	0	1	1	0	0
22	0	9	1	0	0
23	0	5	1	0	0
24	0	2	1	0	0
25	0	2	1	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	--
Mean	0	1	1	0	0
Max.	0	9	3	0	0
Min.	0	0	0	0	0
A.F.	0	60	60	0	0
Water diverted	120 A.F.				
			Acreage reported		
			A-1249	238	

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	--	0	0	--
Mean	0	0	0	0	0
Max.	0	0	0	0	0
Min.	0	0	0	0	0
A.F.	0	0	0	0	0
Water diverted	0 A.F.				
			Acreage reported		
			D-347	22	
			A-719	61	
			Total	83	

DAILY DIVERSIONS OF CANALS--1959

DAILY DIVERSIONS OF CANALS--1959

BIGELOW-SEYMOUR CANAL from Mabrara River  
 Measured through rating flume--Sec. 19-21-57 W.

BIRDWOOD CANAL from Birdwood Creek  
 Measured through Parshall Flume--Sec. 35-15-33 W.

Date	May	June	July	Aug.	Sept.	Date	Oct.	Nov.	Dec.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	1	0	8	23	0	0	17	33	32
2	0	0	0	0	0	2	2	9	0	0	0	13	34	32
3	0	0	0	0	0	3	13	9	0	0	0	13	32	35
4	0	0	0	0	0	4	14	9	0	0	0	14	25	33
5	0	0	0	0	0	5	12	9	0	0	0	12	21	33
6	0	0	0	0	0	6	11	9	0	0	0	21	23	33
7	0	0	0	0	0	7	11	10	0	0	0	22	23	32
8	0	0	0	0	0	8	10	11	0	0	0	23	23	32
9	0	0	0	0	0	9	10	12	0	0	0	23	23	32
10	0	0	0	0	0	10	10	12	0	0	0	24	26	31
11	0	0	0	0	0	11	13	12	0	0	0	23	38	32
12	0	0	0	0	0	12	9	13	0	0	14	25	46	32
13	0	1	0	0	0	13	10	12	0	0	32	32	45	32
14	0	1	2	0	0	14	10	11	0	0	30	32	46	30
15	0	1	1	0	0	15	10	10	0	0	32	32	30	29
16	0	1	1	0	0	16	10	10	0	0	38	36	3	28
17	0	1	1	0	0	17	10	6	0	0	38	38	3	27
18	0	1	1	0	0	18	10	4	0	0	6	35	3	24
19	0	0	1	0	0	19	10	2	0	0	30	32	16	23
20	0	0	1	0	0	20	10	0	0	0	32	30	40	23
21	0	0	2	0	0	21	8	0	0	0	27	30	46	22
22	0	0	2	0	0	22	8	0	0	0	25	26	36	22
23	0	0	1	0	0	23	8	0	0	0	34	26	32	22
24	0	0	1	0	0	24	9	0	0	0	33	28	34	23
25	0	0	1	0	0	25	10	8	0	0	32	29	40	27
26	0	0	1	0	0	26	10	20	0	0	32	29	37	26
27	0	0	1	0	0	27	11	62	0	0	45	29	38	23
28	0	0	1	0	0	28	11	63	0	0	44	29	39	14
29	0	1	2	0	0	29	10	63	0	0	32	28	40	13
30	0	0	0	0	0	30	8	61	0	0	19	30	34	12
31	0	10	40	0	0	31	8	—	0	0	—	32	33	—
Mean						Mean	9	15	1	0	19	26	30	27
Max.						Max.	14	63	23	0	45	38	46	35
Min.						Min.	0	0	0	0	0	13	3	12
A.F.						A.F.	580	900	50	0	1140	1630	1970	1600
Water diverted						Water diverted								
50 A.F.						7770 A.F.								
Acres reported						Acres reported								
D-510						D-646								
90						5287								

DAILY DIVERSIONS OF CANALS--1959

BLUE CHEEK CANAL from Blue Creek  
 Measured through rating flume--Sec. 33-17-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	20	0	0	14	38	38
2	14	0	0	12	0	36
3	3	0	0	12	0	36
4	0	0	0	12	0	37
5	0	0	0	12	0	34
6	8	0	0	24	7	33
7	14	0	0	34	36	36
8	14	0	0	39	37	35
9	15	0	0	42	34	31
10	14	0	0	38	34	38
11	15	0	0	47	37	39
12	15	0	12	53	35	37
13	15	0	37	51	36	37
14	15	0	39	45	37	37
15	15	0	39	44	36	35
16	15	0	21	43	35	36
17	16	0	17	42	33	37
18	13	0	19	45	30	37
19	0	0	18	46	40	40
20	0	0	18	47	40	42
21	0	0	21	46	46	42
22	0	0	23	45	48	41
23	0	0	23	44	41	40
24	0	0	18	41	43	41
25	0	0	17	40	46	41
26	0	0	16	40	47	35
27	0	0	16	41	47	33
28	0	0	15	41	42	31
29	0	0	17	37	39	30
30	0	0	16	35	38	30
31	0	0	—	37	39	—
Mean	7	0	13	37	33	36
Max.	20	0	39	53	48	42
Min.	0	0	0	12	0	30
A.F.	440	0	800	2280	2020	2170
Water diverted						
7710 A.F.						
Crescent Lake Storage included						
D-735						2549
D-795						329
A-1154						30
Total						2918

DAILY DIVERSIONS OF CANALS--1959

BOELUS POWER CANAL from Middle Loup River  
Measured through power wheels--Sec. 27-13-12 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	553	588	0	0	264	273	491	505	565	285	143	451
2	545	588	108	0	256	172	332	505	565	547	0	472
3	310	585	0	0	251	0	522	530	537	532	76	501
4	523	588	227	0	247	0	502	509	510	562	159	271
5	527	368	0	0	256	0	477	532	319	517	360	482
6	535	551	0	0	260	0	484	375	510	540	348	462
7	535	342	0	0	268	0	518	552	502	276	273	465
8	538	572	0	0	260	0	513	547	483	521	281	455
9	540	564	0	89	256	42	505	554	475	517	298	444
10	329	563	0	168	243	0	509	538	464	513	281	434
11	563	563	0	231	124	0	296	262	452	487	158	287
12	545	332	0	242	185	192	534	544	245	448	235	438
13	531	574	0	247	223	157	526	556	464	420	226	441
14	542	567	0	237	239	189	509	545	440	404	432	448
15	553	432	0	233	260	0	498	230	444	372	404	455
16	556	588	0	272	248	0	468	553	424	279	416	468
17	303	315	70	272	256	193	302	556	440	376	428	556
18	563	0	319	277	248	362	545	553	479	356	412	357
19	560	173	248	268	248	187	540	518	248	452	209	560
20	563	258	143	289	243	472	545	250	479	416	337	556
21	571	378	326	285	260	419	545	450	494	344	344	538
22	571	540	340	277	252	458	303	219	529	310	368	535
23	567	556	350	230	260	468	549	577	529	315	384	535
24	329	553	333	171	264	480	574	577	521	173	400	545
25	571	516	358	239	269	477	534	554	498	285	440	368
26	558	0	292	281	260	0	538	565	294	235	300	574
27	558	0	277	292	264	264	529	565	513	182	420	544
28	567	0	220	293	269	484	522	542	483	182	350	523
29	558	0	0	289	---	471	308	332	544	8	448	520
30	318	0	0	285	---	160	522	574	201	118	434	207
31	588	---	0	285	---	495	---	581	---	81	441	---
Mean	515	388	116	186	248	267	484	492	455	356	314	463
Max.	588	588	358	293	269	495	549	581	565	547	448	574
Min.	303	0	0	0	124	0	256	219	201	8	0	207
A.F.	31680	23120	7160	11410	13750	12720	28800	30270	27060	21880	19330	27570
Total acre-feet		254800 A.F.										

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	26	0	46	39	72	63
2	14	0	44	28	70	56
3	14	0	37	24	72	58
4	19	0	33	25	70	59
5	23	0	29	37	68	58
6	26	0	22	47	68	58
7	21	0	23	39	68	60
8	12	0	62	60	67	60
9	22	0	62	55	70	40
10	27	0	56	52	70	23
11	25	0	54	65	67	63
12	24	0	60	61	64	70
13	18	0	60	60	66	64
14	17	0	51	57	68	63
15	16	0	40	47	70	74
16	18	0	40	52	63	73
17	18	0	53	50	70	70
18	18	6	66	53	70	65
19	18	5	54	43	68	61
20	9	17	42	46	66	60
21	0	23	26	42	67	55
22	0	24	53	38	72	38
23	0	28	55	51	69	16
24	0	33	43	41	71	34
25	0	36	46	52	71	52
26	0	40	47	52	74	34
27	0	38	49	54	73	30
28	0	47	39	64	70	29
29	0	56	38	69	68	26
30	0	51	43	73	72	27
31	0	47	---	74	70	---
Mean	12	15	46	50	69	52
Max.	27	56	66	74	74	74
Min.	0	0	22	24	63	16
A.F.	760	590	2720	3080	4260	3070
Water diverted		14780 A.F.				
		Acreage reported D-857, 1033 6091				

DAILY DIVERSIONS OF CANALS--1959

CAMBRIDGE CANAL from Republican River  
Measured through 15' Parshall flume--Sec. 27-4-25 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	18	0	43	127	279	79
2	20	0	43	137	283	65
3	15	0	40	160	291	58
4	13	0	7	170	291	50
5	14	0	0	172	289	44
6	14	0	0	196	253	42
7	13	0	0	224	234	35
8	13	0	0	260	212	38
9	14	0	0	278	209	43
10	13	0	0	308	202	39
11	13	0	35	326	193	29
12	12	23	63	333	203	23
13	14	51	51	334	207	23
14	18	70	50	336	165	9
15	9	74	54	314	114	0
16	0	60	64	303	104	0
17	0	53	73	270	85	0
18	0	52	82	276	74	0
19	0	23	93	273	77	0
20	0	0	77	246	79	0
21	0	0	72	207	101	0
22	0	0	63	181	107	0
23	0	0	64	178	105	0
24	0	6	75	174	141	0
25	0	59	87	161	171	0
26	0	67	104	157	149	0
27	0	54	106	206	115	0
28	0	43	106	234	110	0
29	0	42	107	262	107	25
30	0	43	107	273	107	34
31	0	43	---	278	97	---
Mean	7	25	56	237	167	21
Max.	20	74	107	336	291	79
Min.	0	0	0	127	74	0
A.F.	420	1510	2210	14570	10240	1060
Water diverted		31210 A.F.				
		Supplemental storage available A-38698 14350				

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	51	0	59	68	82	76
2	49	0	56	63	81	76
3	59	0	67	76	80	75
4	52	0	70	72	78	74
5	49	0	61	71	78	77
6	48	0	59	75	77	79
7	47	0	69	74	78	78
8	33	0	72	79	78	79
9	0	0	66	83	78	79
10	0	0	66	84	76	78
11	0	0	64	86	77	77
12	0	52	64	90	79	77
13	0	53	58	93	81	77
14	0	52	65	87	85	76
15	0	53	67	81	83	74
16	0	53	70	70	82	74
17	0	52	70	97	82	76
18	0	51	70	86	83	73
19	0	56	61	83	82	65
20	0	57	70	84	81	61
21	0	55	72	83	81	58
22	0	56	72	84	80	48
23	0	56	69	83	79	59
24	0	51	73	85	78	50
25	0	47	72	84	78	36
26	0	48	76	86	78	36
27	0	52	79	86	77	31
28	0	61	81	86	77	36
29	0	65	79	86	76	37
30	0	70	74	85	76	33
31	0	70	—	83	69	—
Mean	13	36	68	81	79	64
Max.	59	70	81	93	85	79
Min.	0	0	56	63	69	31
A.F.	770	2200	4070	5000	4860	3820
Water diverted	20720 A.F.		Acreage reported			
			D-921 6017			
			A-186R 471			
			Total 6488			

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	17	0	5	0	32	26
2	7	0	7	8	30	25
3	0	0	21	24	31	25
4	0	0	23	22	31	25
5	0	0	19	21	29	23
6	0	5	15	27	30	19
7	0	5	15	26	31	20
8	0	0	22	25	31	19
9	0	0	23	24	32	24
10	0	0	24	23	33	19
11	0	0	25	21	35	17
12	0	0	19	24	34	16
13	0	3	5	32	30	15
14	0	9	5	33	30	13
15	0	11	4	28	27	13
16	0	11	5	27	27	14
17	0	11	18	32	26	13
18	0	8	18	27	29	10
19	0	11	21	23	25	7
20	0	11	21	24	25	6
21	0	9	21	32	31	11
22	0	7	21	29	33	14
23	0	9	21	24	35	16
24	0	6	21	24	34	11
25	0	8	13	29	35	0
26	0	13	4	35	30	0
27	0	13	21	35	29	0
28	0	12	22	34	25	0
29	0	14	20	34	23	0
30	0	10	0	34	25	0
31	0	9	—	33	26	—
Mean	1	6	16	27	30	13
Max.	17	14	25	35	35	26
Min.	0	0	0	0	23	0
A.F.	50	390	950	1650	1830	790
Water diverted	5530 A.F.		Acreage reported			
	Total 5660		D-926 2127			
	Natural flow - 5530 A.F.		Pathfinder storage - 130 A.F.			

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	27	0	23	44	56	40
2	27	0	22	47	56	40
3	26	0	24	43	56	40
4	26	0	22	42	56	41
5	25	0	22	45	56	40
6	28	0	28	48	57	41
7	27	0	23	52	57	44
8	20	0	22	53	56	46
9	22	0	32	49	52	46
10	23	0	42	51	52	47
11	23	0	45	48	55	46
12	23	0	52	43	55	45
13	23	9	47	46	54	44
14	23	25	50	53	56	42
15	11	26	63	56	53	41
16	0	25	66	55	53	40
17	0	23	62	52	53	35
18	0	20	61	49	53	35
19	0	16	58	49	49	35
20	0	12	57	54	51	35
21	0	18	55	50	51	35
22	0	19	55	52	43	36
23	0	18	53	51	40	31
24	0	24	48	52	42	22
25	0	24	46	52	47	20
26	0	23	43	53	52	17
27	0	27	45	55	54	19
28	0	25	44	55	54	13
29	0	16	40	55	50	16
30	0	21	42	55	46	16
31	0	21	—	57	45	—
Mean	11	13	43	50	52	35
Max.	23	27	66	57	57	47
Min.	0	0	22	42	40	13
A.F.	700	780	2560	2110	3190	2880
Water diverted	12420 A.F.		Acreage reported			
			D-844-1031 5141			
			A-2170 47			
			Total 5183			

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.	
1	0	0	0	0	0	
2	0	4	0	0	0	
3	0	4	0	0	0	
4	0	6	0	0	0	
5	0	6	0	0	0	
6	0	5	0	0	0	
7	0	5	0	0	0	
8	0	5	0	0	0	
9	0	5	0	0	1	
10	0	6	0	0	1	
11	0	7	0	0	1	
12	0	5	0	0	1	
13	0	6	0	0	1	
14	0	6	0	0	1	
15	0	5	0	0	1	
16	0	3	0	0	1	
17	0	5	0	0	3	
18	0	5	0	0	3	
19	0	5	0	0	3	
20	0	5	0	0	3	
21	0	4	0	0	3	
22	0	4	0	0	3	
23	0	4	0	0	3	
24	0	4	0	0	3	
25	0	2	0	0	4	
26	0	1	0	0	3	
27	0	0	0	0	3	
28	0	0	0	0	4	
29	0	0	0	0	7	
30	0	0	0	0	7	
31	0	—	0	0	—	
Mean	0	4	0	0	2	
Max.	0	7	0	0	7	
Min.	0	0	0	0	0	
A.F.	0	230	0	0	120	
Water diverted	350 A.F.		Acreage reported			
			D-346 220			

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.	
1	2	16	0	0	13	52	6	
2	2	9	0	1	17	29	2	
3	2	0	0	5	22	37	30	
4	1	0	0	6	23	44	28	
5	0	0	0	7	23	32	28	
6	1	1	0	10	5	32	29	
7	4	2	0	10	4	32	22	
8	6	0	0	9	14	30	24	
9	8	0	0	2	19	26	16	
10	8	0	0	4	8	26	24	
11	8	0	0	7	21	25	30	
12	10	0	0	42	55	25	32	
13	13	0	0	44	55	22	33	
14	12	0	0	44	54	22	30	
15	10	0	0	39	52	28	28	
16	10	0	0	34	52	19	28	
17	7	0	0	33	48	10	30	
18	5	0	6	34	48	27	42	
19	6	0	23	44	27	21	52	
20	8	0	14	44	3	37	44	
21	8	0	6	40	9	47	0	
22	13	0	5	22	42	44	12	
23	14	0	5	24	39	42	32	
24	13	0	1	23	32	32	12	
25	13	0	1	19	36	21	8	
26	13	0	1	13	49	24	8	
27	14	0	0	12	48	21	5	
28	14	0	0	12	48	30	8	
29	17	0	0	12	46	30	10	
30	19	0	0	13	60	26	11	
31	19	-	0	-	62	8	-	
Mean	9	1	2	20	33	29	22	
Max.	19	16	23	44	62	52	52	
Min.	0	0	0	0	3	8	0	
A.F.	560	60	120	1210	2050	1790	1320	
Water diverted							Acreage reported	
	7110 A.F.						D-649	4660

DAILY DIVERSIONS OF CANALS--1959

COLUMBUS POWER CANAL from Loup River  
Measured through section of canal--Sec. 6-16-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1620	2020	997	1120	1500	2120	3150	2030	2820	3260	511	1020
2	1650	2040	1420	301	1480	2100	3010	1910	2190	3100	587	1060
3	1670	2020	916	109	1500	2090	2910	1880	2040	2120	656	1170
4	1720	2040	2500	116	1490	1740	2830	2130	1920	2320	649	1140
5	1620	2040	624	120	1440	1630	2660	2570	1720	2530	698	1210
6	1640	2130	70	356	1510	2020	2450	3240	1670	3040	822	1170
7	1670	2080	48	677	1560	1970	2330	3100	1620	2310	906	1180
8	1700	2080	45	822	1560	2010	2570	2540	1510	1870	930	1110
9	1750	2080	233	930	1500	2040	2520	2880	1440	1650	852	1030
10	1810	2100	481	1030	1530	2060	2520	3070	1390	1570	800	954
11	1960	1990	628	1180	1400	2260	2430	2940	1340	1500	770	994
12	1890	2050	875	1320	1350	2350	2360	2630	1300	1450	733	1040
13	1780	2020	815	1490	1300	2420	2320	2860	1300	1300	726	986
14	1720	2050	914	1660	1320	1800	2120	2520	1320	1200	1110	1030
15	1750	2030	994	1620	1350	1070	1970	2260	1280	1120	1470	1030
16	1800	2060	1130	1700	1520	1770	1940	2140	1220	1030	1690	1030
17	1830	2350	1420	1600	1520	2540	2040	2120	1180	1270	1350	1220
18	2020	1980	1750	1620	1580	1930	2230	2010	1440	1420	1070	2080
19	1920	2020	2010	1680	1570	2480	2730	1950	1770	1750	1030	2410
20	1890	2150	2070	1450	1570	2750	3220	1980	1320	1500	930	2100
21	1850	2500	2140	1300	1580	3020	3150	2920	1360	1410	860	1820
22	2010	2850	2170	1500	1570	2800	2920	3300	1350	1130	815	1820
23	2050	2520	2240	1400	1590	2560	2570	2980	1460	1020	815	1670
24	1950	2450	2220	1320	1580	2450	2520	2470	1670	890	830	1680
25	1960	2290	2220	1280	1670	2520	2520	2240	1550	938	875	1690
26	1940	113	2240	1210	1860	3010	2650	2000	1420	815	962	1850
27	1960	55	2180	1350	2020	3100	2630	1940	1350	762	978	1850
28	1970	58	2260	1460	2070	3160	2590	2120	1550	649	906	1840
29	1990	61	998	1540	-----	3090	2240	2070	1770	600	1120	1950
30	2020	58	1560	1530	-----	2930	2090	2310	2620	554	1110	1910
31	1980	-----	1380	1560	-----	2870	-----	3100	-----	529	1030	-----
Mean	1842	1810	1340	1173	1553	2344	2540	2458	1596	1503	922	1435
Max.	2050	2850	2500	1700	2070	3160	3220	3300	2820	3260	1690	2410
Min.	1620	55	45	109	1300	1070	1940	1880	1180	529	511	954
A.F.	113200	107700	82410	72100	86260	144100	151100	151200	94990	92440	56710	85380
Water diverted	1238000 A.F.											

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

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	1	2	0	2
2	1	0	1	2	0	2
3	1	0	1	1	0	2
4	1	0	1	1	0	2
5	1	0	1	1	0	2
6	1	0	1	1	1	2
7	1	0	1	1	1	2
8	1	0	1	1	1	2
9	1	0	1	1	1	2
10	1	0	1	2	1	2
11	1	0	2	2	1	2
12	1	0	2	2	1	2
13	1	0	2	2	2	2
14	1	0	2	2	2	2
15	1	0	2	3	2	2
16	1	0	1	3	2	2
17	1	0	1	3	2	2
18	1	0	1	2	2	3
19	0	0	1	2	2	2
20	0	0	1	2	2	2
21	0	0	1	2	2	2
22	0	0	1	2	2	1
23	0	0	1	3	2	1
24	0	0	1	1	2	1
25	0	0	1	0	2	1
26	0	1	1	0	2	1
27	0	1	1	0	2	1
28	0	1	1	0	2	1
29	0	1	2	0	2	1
30	0	1	2	0	2	1
31	0	1	-	0	2	-
Mean	1	0	1	1	1	2
Max.	1	1	2	3	2	3
Min.	0	0	1	0	0	1
A.F.	40	10	70	90	90	100
Water diverted	400 A.F.			Acreage reported D-980 66		

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

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	16	0	24	9
2	1	0	15	0	24	10
3	0	0	13	0	23	14
4	0	7	16	0	12	16
5	0	16	13	2	7	14
6	0	15	12	15	12	13
7	0	14	12	21	20	12
8	0	14	12	22	29	14
9	0	15	12	19	34	13
10	0	16	16	17	6	12
11	0	15	16	14	24	14
12	0	16	7	10	23	14
13	0	16	4	11	19	14
14	0	15	12	11	17	10
15	0	15	11	10	16	4
16	0	14	12	11	12	15
17	0	14	10	10	5	12
18	0	14	14	11	10	19
19	0	15	15	14	9	16
20	0	15	13	9	11	8
21	0	14	14	10	14	3
22	0	15	17	10	11	2
23	0	15	22	10	12	5
24	4	16	21	11	11	12
25	2	16	19	11	11	16
26	0	16	23	12	8	15
27	0	16	25	12	7	14
28	0	16	16	15	10	12
29	0	16	0	18	12	14
30	0	16	0	21	11	13
31	0	16	-	20	11	-
Mean	0	13	14	12	15	12
Max.	4	16	25	22	34	19
Min.	0	0	0	0	5	4
A.F.	20	830	810	710	900	710
Water diverted	3980 A.F.			Acreage reported D-840.1028 1462		

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	41	94	270	153
2	0	41	98	267	125
3	0	41	97	270	108
4	0	41	104	278	108
5	0	41	105	287	108
6	0	41	101	283	108
7	0	41	113	287	106
8	0	41	116	287	82
9	0	41	110	283	70
10	0	41	139	261	68
11	0	0	152	252	68
12	19	0	150	252	66
13	129	0	188	256	61
14	184	0	206	252	64
15	71	0	238	244	66
16	0	32	256	240	66
17	0	42	259	240	66
18	0	52	274	244	66
19	0	63	267	252	63
20	0	63	267	244	66
21	19	63	283	199	66
22	38	62	274	196	66
23	40	63	280	193	66
24	40	63	265	193	66
25	40	67	262	193	66
26	41	91	242	196	68
27	41	101	232	199	68
28	41	105	236	190	66
29	41	97	257	180	64
30	41	94	267	180	0
31	41	-	270	165	-
Mean	27	49	200	236	76
Max.	184	105	283	287	153
Min.	0	0	94	165	0
A.F.	1640	2910	12300	14540	4530
Water diverted	35920 A.F.			Acreage reported A-4222 1717	
Supplemental storage included				A-6224 113	
Total					1830

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	24	15	0	56	72	197	3
2	28	15	0	56	75	143	10
3	29	15	0	59	72	213	28
4	28	15	0	44	72	235	23
5	27	18	13	38	64	244	23
6	26	26	12	34	50	262	30
7	20	25	10	35	53	265	28
8	24	25	18	48	3	257	26
9	23	25	21	63	14	237	25
10	24	24	20	74	68	237	26
11	24	18	25	75	79	235	25
12	23	17	35	57	79	237	24
13	24	17	41	52	113	235	24
14	24	17	39	76	136	157	24
15	24	17	45	79	140	128	23
16	24	17	52	87	177	126	28
17	24	6	52	86	195	131	17
18	23	0	56	81	204	132	0
19	23	0	69	84	229	132	0
20	9	0	30	84	233	131	0
21	3	0	32	89	202	131	0
22	21	0	35	90	182	131	0
23	25	0	36	80	183	131	0
24	18	0	34	80	177	135	0
25	17	0	44	74	173	157	0
26	16	0	67	79	173	154	0
27	16	0	66	78	175	106	0
28	15	0	64	78	175	5	0
29	15	0	64	120	180	3	0
30	15	0	64	60	204	3	0
31	15	-	61	-	206	3	-
Mean	21	10	36	70	134	158	13
Max.	25	26	69	120	233	265	30
Min.	3	0	0	34	3	3	0
A.F.	1290	620	2100	4160	8250	9710	770
Water diverted	2690 A.F.			Acreage reported D-626 25510			
Sutherland storage included							

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	7	4
2	0	0	0	7	2
3	0	0	0	7	2
4	0	0	0	6	2
5	0	0	0	2	2
6	0	0	0	0	2
7	0	0	0	0	2
8	0	0	0	0	2
9	0	0	14	0	2
10	0	0	38	0	1
11	0	0	35	0	1
12	0	0	33	0	1
13	0	0	30	0	1
14	0	0	28	0	0
15	0	0	20	0	0
16	0	0	18	0	0
17	0	0	16	0	0
18	0	0	14	18	0
19	0	0	12	19	0
20	0	0	10	19	0
21	0	0	18	19	0
22	0	0	16	19	0
23	0	0	17	18	0
24	0	0	16	11	0
25	0	0	15	9	0
26	0	0	13	8	0
27	0	0	11	7	0
28	0	0	11	6	0
29	0	0	10	6	0
30	0	0	9	4	0
31	0	0	8	4	0
Mean	0	0	13	6	1
Max.	0	0	38	19	4
Min.	0	0	0	0	0
A.F.	0	0	820	390	50

Water withdrawn  
1260 A.F.

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	33	117	121	124
2	0	39	121	114	124
3	0	32	120	116	124
4	0	42	119	117	79
5	0	43	119	120	0
6	0	44	117	117	0
7	56	53	121	116	0
8	83	76	117	117	0
9	69	77	120	117	0
10	65	87	120	116	0
11	64	91	123	116	0
12	68	97	124	116	0
13	42	97	120	117	0
14	0	96	22	117	0
15	0	95	55	117	0
16	0	93	105	117	0
17	0	110	102	119	0
18	35	102	106	119	0
19	58	105	112	117	0
20	0	106	119	116	0
21	0	103	116	116	0
22	0	106	120	119	0
23	0	105	123	121	0
24	0	109	120	123	0
25	45	124	127	124	0
26	35	116	128	123	0
27	37	112	130	124	0
28	33	117	126	126	0
29	33	124	126	126	0
30	33	119	127	126	0
31	32	---	124	127	---
Mean	25	88	114	119	15
Max.	83	124	130	127	124
Min.	0	32	102	114	0
A.F.	1560	5250	7030	7330	900

Water diverted  
22070 A.F.

Acres reported  
D-24, 25, 29 & 30 9322

DAILY DIVERSIONS OF CANALS--1959

DAWSON COUNTY CANAL from Platte River  
Measured through Parshall flume--Sec. 7-10-23 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	122	0	62	113	379	242
2	106	0	117	158	415	236
3	98	0	130	170	374	195
4	101	0	117	201	405	160
5	104	0	108	141	410	127
6	104	0	100	113	407	144
7	92	0	94	107	410	160
8	101	0	77	214	339	158
9	90	0	76	139	327	146
10	82	0	112	92	354	149
11	74	0	120	157	379	116
12	79	0	125	226	365	136
13	65	0	130	226	379	146
14	56	0	106	181	374	146
15	25	27	108	228	376	112
16	0	44	148	278	372	112
17	0	34	222	317	320	146
18	0	45	203	327	359	127
19	0	56	226	344	354	110
20	0	90	189	342	349	98
21	0	88	201	402	349	90
22	0	72	197	392	354	65
23	0	57	197	402	352	54
24	0	46	166	397	342	54
25	0	63	148	376	324	62
26	0	100	125	362	364	51
27	0	76	151	342	344	49
28	0	51	168	267	329	51
29	0	45	166	301	315	62
30	0	43	181	346	287	40
31	0	34	---	332	260	---
Mean	42	31	142	258	357	119
Max.	122	100	226	402	415	242
Min.	0	0	62	92	260	40
A.F.	2580	1930	8470	15850	21950	7090

Water diverted 57870 A.F.  
Acres reported D621-520, D622-57789, D624-3040, A2039-5033, A2093-213, A2110-13859, A2145-985, A2262-890.  
Total 82329

DAILY DIVERSIONS OF CANALS--1959

EARNEST CANAL (Combined flow-North & South) from Eiobraska River  
Measured through rating flumes--Sec. 9-29-56 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	9	7	4	3	3
2	0	9	6	3	2	3
3	0	7	7	3	3	2
4	0	7	7	4	3	2
5	0	7	6	3	3	2
6	0	6	7	3	2	2
7	0	6	6	3	2	2
8	0	5	7	4	2	2
9	0	4	7	3	2	1
10	0	5	6	3	3	1
11	0	5	7	3	3	2
12	0	5	6	3	3	2
13	0	6	4	3	3	2
14	0	6	4	4	3	2
15	0	5	2	5	3	2
16	0	6	2	3	3	3
17	0	7	2	3	3	3
18	0	7	2	3	3	2
19	0	6	3	3	5	2
20	0	7	4	3	5	2
21	0	7	3	3	4	3
22	0	7	3	3	4	3
23	0	7	9	3	4	2
24	0	6	7	3	3	3
25	0	7	3	3	3	3
26	0	7	4	3	3	2
27	0	7	3	3	2	2
28	0	7	3	3	2	2
29	0	7	4	3	3	3
30	0	7	5	3	3	2
31	4	7	---	3	3	---
Mean	0	6	5	3	3	2
Max.	4	9	9	5	5	3
Min.	0	4	2	3	2	1
A.F.	10	400	290	200	180	130

Water diverted  
1210 A.F.

Acres reported  
D-514a 190  
D-514b 150  
Total 340

DAILY DIVERSIONS OF CANALS--1959

DAILY DIVERSIONS OF CANALS--1959

ELM CREEK CANAL from Platte River  
Measured through Parshall flume--Sec. 5-19 W.

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

Date	May	June	July	Aug.	Sept.
1	0	0	43	51	15
2	0	0	41	39	16
3	0	36	32	31	17
4	0	37	21	37	17
5	0	37	7	27	17
6	0	40	6	31	13
7	0	30	5	21	8
8	0	30	4	36	8
9	0	37	7	46	7
10	0	41	33	38	11
11	0	35	28	40	16
12	0	33	15	39	21
13	0	42	26	38	19
14	0	28	25	28	20
15	0	42	26	25	19
16	0	48	20	29	14
17	0	44	25	22	12
18	0	28	29	18	13
19	0	24	29	15	15
20	0	26	33	14	13
21	0	31	34	10	13
22	0	41	41	24	14
23	0	48	38	39	15
24	0	40	40	30	13
25	0	46	40	29	14
26	0	43	38	30	14
27	0	47	40	21	2
28	0	33	42	16	0
29	0	39	40	15	0
30	0	46	45	16	0
31	0	—	50	15	—
Mean	0	35	31	28	13
Max.	0	48	82	51	21
Min.	0	0	4	10	0
A.F.	0	2090	1890	1720	750

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	15	23	22
2	2	0	0	14	23	23
3	2	0	0	15	23	22
4	1	0	0	16	23	22
5	0	0	0	15	22	23
6	0	0	0	17	22	22
7	0	0	0	18	21	22
8	0	0	0	17	23	22
9	0	0	0	17	23	22
10	0	0	13	20	23	22
11	0	0	18	19	22	21
12	0	0	17	19	22	21
13	0	0	16	12	23	21
14	0	0	16	5	22	21
15	0	0	17	6	22	21
16	0	0	22	6	22	22
17	0	0	24	6	22	22
18	0	0	24	6	22	22
19	0	0	17	6	22	22
20	0	0	15	6	22	22
21	0	0	17	6	22	21
22	0	0	19	6	22	21
23	0	0	22	19	21	20
24	0	0	19	27	21	9
25	0	0	22	26	22	1
26	0	0	24	26	21	0
27	0	0	28	26	22	0
28	0	0	27	26	22	0
29	0	0	21	26	22	0
30	0	0	20	27	22	0
31	0	0	—	25	22	—
Mean	0	0	14	16	22	17
Max.	3	0	28	27	23	23
Min.	0	0	0	5	21	0
A.F.	20	0	350	280	1360	1010

Water diverted  
6450 A.F.  
Sutherland storage included

Water diverted  
4200 A.F.  
D-858 1549  
A-856 75  
Total 1624

DAILY DIVERSIONS OF CANALS--1959

DAILY DIVERSIONS OF CANALS--1959

ENTERPRISE CANAL from North Platte River  
Measured through rating flume--Sec. 27-22-57 W.

ENTERPRISE CANAL from Stewart Drain  
Measured in channel of drain--Sec. 13-23-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	62	0	44	9	84	67
2	29	0	39	24	85	72
3	26	0	39	55	84	72
4	22	0	39	65	85	72
5	20	0	39	69	82	72
6	19	0	35	68	86	68
7	0	0	45	69	93	68
8	0	0	59	71	81	56
9	0	0	81	85	82	67
10	0	0	72	89	85	67
11	0	0	64	90	83	70
12	0	0	59	83	81	71
13	0	0	49	89	81	68
14	0	0	57	93	75	63
15	0	0	72	90	73	62
16	0	0	62	99	72	65
17	0	0	74	91	74	62
18	0	21	84	88	77	52
19	0	38	95	86	77	60
20	0	45	90	87	72	68
21	0	45	93	39	30	59
22	0	46	92	86	69	60
23	0	46	67	97	70	63
24	0	52	53	79	70	61
25	0	57	47	75	71	56
26	0	51	48	75	70	37
27	0	64	51	75	71	27
28	0	53	56	85	69	21
29	0	63	14	85	68	19
30	0	82	9	86	69	20
31	0	62	—	85	69	—
Mean	6	24	58	78	77	59
Max.	62	82	95	99	85	72
Min.	0	0	9	9	68	19
A.F.	350	1450	2450	4800	4720	3500

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

Water diverted  
13270 A.F.

Water diverted  
0 A.F.



DAILY DIVERSIONS OF CANALS--1959

ENTERPRISE CANAL from Tub Springs  
Difference between stations upstream and  
downstream from canal--Sec. 22-23-55 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	1	0	0	15	10
2	0	1	13	20	15	9
3	0	1	10	0	13	9
4	0	0	9	0	12	4
5	0	0	13	0	11	2
6	0	0	14	0	12	2
7	0	0	2	0	13	2
8	0	0	0	0	15	0
9	0	1	0	0	15	5
10	0	1	0	0	16	6
11	0	1	0	6	15	2
12	0	3	0	10	16	0
13	0	3	0	9	16	0
14	0	1	0	11	12	5
15	0	1	0	13	12	6
16	0	1	0	13	15	4
17	0	0	0	14	16	0
18	0	0	0	15	16	0
19	0	0	0	15	16	0
20	0	0	14	15	18	0
21	0	0	10	15	0	0
22	0	0	0	15	14	0
23	0	0	0	16	12	0
24	0	0	2	15	12	0
25	0	0	15	14	12	0
26	0	9	21	15	11	0
27	0	9	15	16	11	0
28	0	2	0	15	10	0
29	0	0	0	12	11	0
30	0	0	0	14	13	0
31	0	0	-	16	12	-
Mean	0	1	5	10	13	2
Max.	0	9	21	20	18	10
Min.	0	0	0	0	0	0
A.F.	0	70	270	600	810	130

Water diverted  
1880 A.F.

DAILY DIVERSIONS OF CANALS--1959

ENTERPRISE CANAL from Wet Spotted Tail  
Measured in channel of stream--Sec. 22-23-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	13	5	6	8	11	10
2	13	5	6	8	11	10
3	13	5	6	7	11	10
4	13	5	6	7	11	10
5	13	5	6	7	11	10
6	13	5	6	7	11	10
7	0	5	7	7	11	10
8	0	5	7	7	11	10
9	0	5	7	7	11	10
10	0	5	7	7	11	10
11	0	5	7	7	11	10
12	0	5	7	8	11	10
13	0	5	7	8	11	10
14	0	5	7	8	11	10
15	0	5	7	10	11	10
16	0	5	7	10	11	10
17	0	5	7	12	11	10
18	0	5	8	12	11	10
19	0	6	8	12	11	10
20	0	6	8	12	11	10
21	0	6	8	12	11	10
22	0	6	8	12	11	9
23	0	6	8	12	11	9
24	0	6	8	12	11	9
25	0	6	8	12	10	9
26	0	6	8	12	10	9
27	0	6	8	12	10	9
28	0	6	8	12	10	9
29	0	6	8	12	10	9
30	0	6	8	11	10	9
31	0	6	-	11	10	-
Mean	2	5	7	10	11	10
Max.	13	6	8	12	11	10
Min.	0	5	6	7	10	9
A.F.	150	330	430	600	660	580

Water diverted  
2750 A.F.

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

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	1	3	3	4
2	2	0	1	3	3	4
3	2	0	1	2	3	4
4	2	0	1	2	3	4
5	2	0	1	2	3	4
6	2	0	1	2	4	4
7	2	0	1	2	4	4
8	2	0	1	2	4	3
9	2	0	0	1	4	3
10	2	0	0	1	4	3
11	2	0	0	1	4	3
12	2	0	0	1	4	3
13	2	0	0	1	4	3
14	2	0	0	1	4	3
15	2	0	0	1	4	3
16	2	0	0	1	5	3
17	2	0	0	1	5	3
18	2	0	0	2	5	3
19	2	0	1	2	5	3
20	2	0	1	2	5	3
21	2	0	1	2	5	4
22	2	1	1	2	5	4
23	2	1	2	2	5	4
24	2	1	2	2	5	4
25	2	1	2	2	5	4
26	1	1	3	2	5	4
27	1	1	3	2	5	4
28	1	1	3	2	5	4
29	1	1	3	2	5	4
30	1	1	3	2	5	4
31	1	1	-	2	5	-
Mean	2	0	1	2	4	4
Max.	2	1	3	3	5	4
Min.	1	0	0	1	3	3
A.F.	110	20	70	110	270	210

Water diverted  
790 A.F.

DAILY DIVERSIONS OF CANALS--1959

ENTERPRISE CANAL  
Summary in Acre-feet--1959

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	350	1450	3450	4800	4720	2500	18270
Wet Spotted Tail.....	150	230	450	600	660	580	2750
Morrill Drain.....	110	20	70	110	270	210	790
Stewart Drain.....	0	0	0	0	0	0	0
Tub Springs.....	0	70	270	600	810	150	1880
Total diversion.....	610	1870	4220	6110	6460	4420	27690
Water diverted							Acreage reported
22690 A.F. Total							D-920 7572
23470 A.F. Natural Flow							
260 A.F. Glendo Storage							

DAILY DIVERSIONS OF CANALS--1959

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	1	5	0	0	1
2	0	1	2	0	1	1
3	0	2	3	0	5	1
4	0	3	2	0	6	1
5	0	1	3	0	8	1
6	0	4	1	0	9	1
7	0	4	1	0	9	1
8	0	4	0	0	9	1
9	0	2	0	0	8	1
10	0	0	0	0	7	1
11	0	0	0	0	6	1
12	0	0	2	0	6	2
13	0	0	6	0	7	2
14	0	0	6	0	8	2
15	0	0	7	0	9	3
16	0	0	6	0	9	4
17	0	0	5	0	6	4
18	0	2	6	0	4	4
19	0	10	3	0	7	4
20	0	8	0	0	7	4
21	0	7	0	0	2	6
22	0	0	8	0	2	5
23	0	0	6	0	2	5
24	0	0	6	0	2	7
25	0	0	4	0	2	8
26	0	0	0	0	2	5
27	2	0	0	0	2	5
28	5	0	0	0	2	2
29	6	0	0	0	1	0
30	0	0	0	0	1	0
31	-	4	-	0	1	-
Mean	0	2	3	0	5	3
Max.	6	10	7	0	9	8
Min.	0	0	0	0	0	0
A.F.	20	110	160	0	200	170
Water diverted						Acreage reported
770 A.F.						D-461 290
						A-5181 76
Total						366

DAILY DIVERSIONS OF CANALS--1959

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	2
2	0	0	0	0	0	3
3	0	3	2	0	0	4
4	0	7	4	0	0	3
5	0	9	4	0	0	2
6	0	6	4	0	0	1
7	0	5	3	0	0	2
8	0	6	3	0	0	1
9	0	5	2	0	0	1
10	0	5	2	0	0	1
11	0	5	2	0	0	1
12	0	4	2	4	0	2
13	0	4	2	4	0	1
14	0	4	2	4	0	1
15	0	2	2	4	1	2
16	0	0	2	5	1	1
17	0	0	2	6	1	1
18	0	0	2	9	1	1
19	0	1	2	6	1	1
20	0	2	2	5	2	1
21	0	3	1	4	4	1
22	0	3	10	4	6	1
23	0	3	6	4	4	3
24	0	3	22	4	4	5
25	0	5	9	4	2	6
26	0	12	2	3	3	4
27	0	15	2	3	3	4
28	6	15	2	3	3	4
29	6	11	5	3	2	4
30	3	0	2	3	2	4
31	-	0	-	0	3	-
Mean	1	4	4	3	1	2
Max.	6	15	22	9	6	6
Min.	0	0	0	0	0	1
A.F.	20	270	210	170	80	130
Water diverted						Acreage reported
890 A.F.						D-568 200
						A-2264 134
Total						334

DAILY DIVERSIONS OF CANALS--1959

FORSYTH-KIMNEY CANAL from Lodgepole Creek  
Measured through rating flume--Sec. 22-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	3	0	2	0
2	0	3	0	2	0
3	0	3	0	2	0
4	0	3	0	2	0
5	0	2	0	2	0
6	0	2	3	2	0
7	0	2	3	2	0
8	0	2	3	2	0
9	0	2	3	2	0
10	0	4	2	2	0
11	0	4	2	1	0
12	0	5	2	1	0
13	0	4	2	2	0
14	0	4	2	3	0
15	0	4	2	3	0
16	0	3	3	3	0
17	0	3	3	2	0
18	0	3	3	2	0
19	0	0	3	2	0
20	0	0	3	2	0
21	0	0	3	3	0
22	0	0	3	3	0
23	0	0	3	1	0
24	0	0	3	1	0
25	0	0	3	2	0
26	0	0	3	2	0
27	0	0	3	2	0
28	3	0	3	2	0
29	3	0	3	2	0
30	3	0	3	0	0
31	3	-	2	0	-
Mean	0	2	2	2	0
Max.	3	5	3	3	0
Min.	0	0	0	0	0
A.F.	20	110	140	120	0
Water diverted				Acres reported	
	390 A.F.			D-348	182
				A-718	54
				Total	236

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	372	1520	1361
2	0	0	351	1499	1346
3	0	130	363	1499	1307
4	0	497	395	1505	1278
5	0	508	516	1514	1229
6	0	514	572	1527	1220
7	0	643	811	1524	1223
8	0	723	990	1524	1208
9	0	773	1104	1527	1197
10	0	858	1194	1524	1200
11	0	887	1255	1529	1200
12	0	993	1370	1517	1200
13	0	1065	1495	1517	1200
14	0	1067	1499	1520	1154
15	0	1191	1505	1505	1200
16	0	1352	1502	1492	1197
17	0	1352	1514	1495	1200
18	0	1355	1530	1499	1197
19	0	1349	1527	1499	1194
20	0	1382	1524	1483	1194
21	0	1382	1520	1468	1191
22	0	1364	1520	1452	1171
23	0	1284	1524	1452	1157
24	0	1191	1524	1449	1146
25	0	1185	1527	1452	982
26	0	1118	1524	1469	687
27	0	1073	1520	1382	362
28	0	1073	1524	1382	0
29	0	889	1527	1367	0
30	0	372	1524	1354	0
31	0	---	1524	1352	---
Mean	0	919	1231	1475	1041
Max.	0	1382	1530	1527	1361
Min.	0	0	350	1352	0
A.F.	0	54690	75660	90700	61950
Water diverted				Acres reported	
				283000 A.F.	54846
				Pathfinder storage included	A-768 Wyo 52480
				Total	107326

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	19	0	42	197	125
2	30	0	42	184	190
3	30	0	49	182	54
4	36	0	53	190	83
5	41	0	58	197	83
6	42	0	72	197	83
7	41	0	33	197	82
8	42	20	90	192	72
9	43	45	105	190	66
10	43	43	126	187	56
11	43	48	152	137	52
12	43	48	156	177	52
13	30	48	156	204	52
14	0	48	185	184	52
15	0	55	195	156	52
16	0	65	197	164	44
17	0	73	189	156	38
18	0	78	179	143	26
19	0	78	179	141	15
20	0	72	172	141	15
21	0	68	168	139	15
22	0	67	168	139	15
23	0	29	170	139	15
24	0	67	177	147	15
25	0	72	175	162	15
26	0	82	175	177	15
27	0	94	179	181	15
28	0	94	195	170	15
29	0	60	204	143	15
30	0	52	210	132	9
31	0	---	210	172	---
Mean	16	48	144	159	46
Max.	43	94	210	254	125
Min.	0	0	33	172	9
A.F.	960	2340	8880	10450	2720
Water diverted				Acres reported	
	25810 A.F.			A-2691a	4592
				A-2691b	4164
				A-4621b	2169
				A-4621	186
				A-3659	146
				A-2452	58
				A-9724	25
				Total	11721

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	29	24
2	0	0	10	29	18
3	0	0	12	29	14
4	0	0	11	28	12
5	0	0	15	19	12
6	0	0	15	29	12
7	0	0	24	30	12
8	0	0	36	30	11
9	0	0	39	30	4
10	0	0	38	30	0
11	0	0	43	30	0
12	0	0	34	30	0
13	0	0	42	30	0
14	0	0	42	3	0
15	0	0	41	0	8
16	0	0	37	0	12
17	0	0	10	0	12
18	0	0	15	0	4
19	0	0	15	9	0
20	0	0	22	15	0
21	0	0	25	15	0
22	0	0	24	15	0
23	0	0	24	14	0
24	0	0	26	14	0
25	0	0	27	14	0
26	0	9	27	15	0
27	0	14	27	21	0
28	0	4	28	25	0
29	0	0	29	24	0
30	0	0	29	23	0
31	0	---	29	23	---
Mean	0	1	26	19	5
Max.	0	14	43	30	24
Min.	0	0	0	0	0
A.F.	0	50	1580	1200	210
Water diverted				Acres reported	
	3140 A.F.			A-4227	1946
				A-6222	184
				Total	2130

DAILY DIVERSIONS OF CANALS--1959

DAILY DIVERSIONS OF CANALS--1959

SMITH CANAL (Combined flow, North & South) from Niobrara River  
Measured through rating flume--Sec. 29-27-50 W.

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

Date	May	June	July	Aug.	Sept.
1	0	5	0	0	0
2	0	5	0	0	0
3	0	4	0	0	0
4	3	2	0	0	0
5	7	2	0	0	0
6	6	2	0	0	0
7	7	2	0	0	0
8	7	3	0	0	0
9	7	3	0	0	0
10	6	3	0	0	0
11	5	3	0	0	0
12	4	2	0	0	0
13	4	2	0	0	0
14	4	2	0	0	0
15	4	1	0	0	0
16	4	1	0	0	0
17	4	1	0	0	1
18	3	3	0	0	1
19	2	6	0	0	0
20	2	5	0	0	1
21	2	5	0	0	1
22	2	9	0	0	1
23	2	10	0	0	2
24	2	7	0	0	3
25	3	5	0	0	6
26	4	0	0	0	6
27	6	0	0	0	5
28	7	0	0	0	5
29	6	0	0	0	4
30	5	0	0	0	3
31	5	-	0	0	-
Mean	4	3	0	0	1
Max.	7	10	0	0	6
Min.	0	0	0	0	0
A.F.	240	180	0	0	80
Water diverted	500 A.F.		Acreage reported D-462 255		

Date	May	June	July	Aug.	Sept.
1	0	0	55	227	147
2	0	0	53	225	149
3	0	28	53	231	153
4	0	72	53	232	153
5	0	78	53	234	153
6	0	77	60	242	153
7	0	76	71	241	153
8	0	77	108	245	153
9	0	80	103	248	153
10	0	84	170	251	154
11	0	82	162	244	155
12	0	82	162	200	155
13	0	77	170	194	153
14	0	74	231	151	153
15	0	74	234	147	153
16	0	74	232	147	38
17	0	76	232	153	0
18	0	75	231	153	0
19	0	77	234	153	0
20	0	76	236	153	0
21	0	78	234	149	0
22	0	78	202	149	0
23	0	78	196	149	0
24	0	83	200	149	0
25	0	67	224	147	0
26	0	62	231	145	0
27	0	62	236	145	0
28	0	64	236	143	0
29	0	58	230	141	0
30	0	55	232	141	0
31	0	-	232	143	-
Mean	0	67	173	187	78
Max.	0	84	236	251	155
Min.	0	0	53	141	0
A.F.	0	4010	10620	11250	4620
Water diverted	30500 A.F.		Acreage reported A-365R 14310		
Pathfinder Storage included					

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	152	154	141	140	124	135	141	167	106	250	421	242
2	151	152	146	128	131	119	149	146	137	185	421	204
3	159	152	143	59	146	151	149	172	110	209	421	172
4	152	154	152	38	175	137	132	147	115	178	424	135
5	126	147	134	98	174	102	135	155	98	132	421	149
6	99	159	33	90	174	149	151	129	110	131	417	211
7	120	162	64	130	176	162	143	163	95	152	424	201
8	135	163	94	177	140	143	138	134	117	86	414	182
9	165	157	116	190	129	135	138	146	167	71	414	190
10	177	165	113	181	101	151	146	108	178	123	407	201
11	157	160	139	174	85	151	149	119	190	201	401	160
12	151	160	138	166	165	62	154	98	192	257	405	209
13	143	167	107	169	146	115	149	110	190	285	398	206
14	141	147	92	159	172	128	144	106	199	307	371	163
15	138	135	114	165	177	141	159	131	218	299	334	151
16	138	160	171	140	165	135	143	105	254	343	324	199
17	141	80	140	148	151	143	135	106	259	369	341	199
18	138	35	153	175	155	147	151	112	295	389	318	173
19	152	78	168	157	77	144	147	190	267	391	315	163
20	144	103	151	131	57	128	155	187	399	403	318	138
21	135	112	172	51	124	123	146	163	244	403	326	81
22	141	119	160	100	128	143	140	202	265	398	299	67
23	141	143	151	183	141	143	147	175	267	396	289	67
24	143	172	149	182	159	135	144	167	275	394	295	62
25	154	141	152	176	143	129	155	177	238	394	313	93
26	168	120	178	174	135	108	151	154	246	391	265	99
27	167	119	180	174	152	79	155	146	235	401	265	72
28	162	56	176	159	141	122	154	116	265	405	244	58
29	159	115	101	164	---	152	138	126	279	419	235	56
30	157	138	85	162	---	135	109	109	224	407	229	76
31	155	---	72	159	---	134	---	117	---	424	242	---
Mean	147	134	132	145	141	132	145	141	204	297	346	147
Max.	177	172	180	190	177	162	159	262	299	424	424	242
Min.	99	35	33	38	57	79	109	98	95	71	229	56
A.F.	9050	7980	8100	8920	7920	8130	8620	8690	12170	18240	21250	9770
Water diverted	127740 A.F.											

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	76	139	137	119	105	164	138	129	53	140	120	139
2	89	139	143	108	111	158	142	149	52	115	120	121
3	86	139	146	50	124	140	145	135	58	57	114	83
4	84	146	128	72	148	160	146	147	39	156	152	41
5	84	143	137	83	147	108	145	110	21	38	118	21
6	70	143	39	76	147	147	147	135	20	20	112	25
7	46	141	54	110	149	164	144	139	19	43	124	24
8	77	140	80	150	119	155	147	131	21	77	139	22
9	96	140	98	161	109	148	133	121	65	43	132	75
10	122	141	96	153	86	147	150	109	106	34	135	23
11	117	139	118	147	72	145	150	89	111	79	136	22
12	124	138	117	141	140	77	151	51	105	152	140	83
13	104	138	91	143	124	86	151	89	98	143	143	98
14	112	135	78	147	144	147	151	81	100	149	147	80
15	114	139	97	135	144	120	151	171	114	150	147	38
16	114	130	145	119	157	148	150	103	155	142	132	72
17	114	135	119	125	153	147	150	88	143	148	143	135
18	117	23	130	148	131	148	130	96	147	145	143	91
19	127	42	163	152	65	148	140	126	153	142	142	70
20	129	78	158	111	48	145	151	157	136	130	146	27
21	118	98	152	43	105	140	148	112	142	136	146	46
22	115	128	157	85	124	147	148	147	142	131	159	20
23	122	132	158	155	129	147	147	140	142	141	151	9
24	127	140	154	154	147	146	147	134	142	124	141	3
25	127	150	153	149	148	145	147	123	117	122	142	40
26	133	72	151	147	147	102	146	121	108	127	147	55
27	142	86	153	147	151	102	145	90	127	127	149	42
28	143	47	149	135	157	125	144	67	131	118	143	22
29	141	76	86	139	---	139	144	68	142	122	131	22
30	140	124	72	137	---	145	117	65	139	122	101	35
31	139	---	61	143	---	146	---	62	---	119	125	---
Mean	111	118	120	124	126	139	145	111	101	112	134	65
Max.	143	150	158	161	157	164	151	157	155	152	159	139
Min.	46	23	28	32	48	77	117	62	19	20	101	3
A.F.	6840	7010	7360	7620	7000	8520	8620	6840	6030	6890	8250	3860
Water returned 84840 A.F.												

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	60	0	42	80	275	73
2	42	0	74	45	275	57
3	55	0	39	104	282	72
4	50	0	78	49	300	85
5	24	0	73	85	277	124
6	14	0	86	107	281	108
7	65	0	72	100	273	99
8	42	0	92	0	256	93
9	48	0	88	19	254	99
10	29	0	49	82	243	101
11	15	0	55	105	236	91
12	0	0	64	72	235	109
13	16	0	69	112	223	86
14	0	0	77	125	192	66
15	0	0	79	116	155	104
16	0	0	65	171	164	112
17	0	0	86	188	168	35
18	0	0	116	212	145	62
19	0	0	81	219	143	78
20	0	0	134	245	140	33
21	0	27	72	238	148	26
22	0	23	93	239	105	43
23	0	5	95	225	105	56
24	0	4	103	243	124	58
25	0	28	96	246	141	44
26	0	7	114	237	96	33
27	0	36	81	247	83	21
28	0	35	106	261	71	32
29	0	43	107	271	76	30
30	0	30	55	259	106	34
31	0	42	---	279	90	---
Mean	15	9	81	161	182	69
Max.	65	43	134	270	300	124
Min.	0	0	39	0	71	21
A.F.	910	560	4840	9880	11210	4090
Water diverted						
31490 A.F.			Acreage reported			
Sutherland storage included			D-645a 860			
			D-545b 17000			
			A-3716 4445			
Total					22355	

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	12	1	19
2	13	0	0	12	0	19
3	14	0	0	12	2	20
4	15	0	0	10	1	22
5	16	0	0	9	0	22
6	16	0	0	9	0	19
7	16	0	0	13	2	17
8	16	0	0	9	1	16
9	8	0	0	2	0	17
10	0	0	0	7	2	16
11	0	0	0	10	0	15
12	0	0	0	14	7	15
13	0	0	0	18	18	18
14	0	0	0	19	20	20
15	0	0	0	18	21	21
16	0	0	0	18	2	22
17	0	0	0	17	0	25
18	0	0	0	2	0	27
19	0	0	1	2	0	26
20	0	0	2	1	3	24
21	0	0	2	1	4	24
22	0	0	3	0	4	24
23	0	0	3	0	0	24
24	0	0	8	2	0	25
25	0	0	14	2	3	21
26	0	0	15	0	1	19
27	0	0	15	0	0	22
28	0	0	16	2	3	18
29	0	0	15	0	1	17
30	0	0	13	0	16	17
31	0	0	---	4	20	---
Mean	4	0	4	7	4	20
Max.	16	0	16	19	21	27
Min.	0	0	0	0	0	15
A.F.	250	0	210	450	270	1210
Water diverted						
2390 A.F.			Acreage reported			
			B-283 1986			
			B-781R 16			
			B-781R 85			
Total					2039	

DAILY DIVERSIONS OF CANALS--1959

DAILY DIVERSIONS OF CANALS--1959

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

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	0	0	15	0	7	8
2	7	0	1	14	0	8	8
3	7	0	8	14	0	7	8
4	3	0	8	13	0	7	8
5	1	0	9	13	0	8	7
6	4	0	10	13	0	8	7
7	8	0	11	13	0	6	7
8	8	0	11	13	0	6	8
9	8	0	11	14	3	5	10
10	8	0	11	13	7	5	10
11	9	0	11	12	8	5	9
12	9	0	11	11	9	5	9
13	9	0	11	11	9	6	9
14	10	0	12	10	13	8	9
15	11	0	11	6	15	8	9
16	10	0	12	9	16	8	10
17	10	0	19	6	17	7	11
18	10	0	17	5	16	7	12
19	10	0	17	7	13	6	13
20	10	0	15	3	12	7	11
21	10	0	15	0	10	9	11
22	10	0	20	0	9	9	10
23	10	0	20	0	9	8	11
24	10	0	20	0	9	7	16
25	10	0	18	0	10	7	19
26	10	0	15	0	9	8	16
27	10	0	15	0	10	8	13
28	10	2	15	0	9	8	12
29	0	8	14	0	9	7	11
30	0	0	15	0	8	7	11
31	0	-	15	-	7	8	-
Mean	8	0	13	7	8	7	10
Max.	11	8	20	15	17	8	19
Min.	0	0	0	0	0	5	7
A.F.	470	20	790	430	470	440	620
Water diverted	3240 A.F.						
	Acres reported						
	D-517 500						
	A-2275 509						
	Total 1109						

Date	Apr.	May	June	July	Aug.	Sept.
1	0	3	3	0	3	0
2	0	3	2	0	3	0
3	0	3	2	0	3	2
4	0	3	3	0	3	4
5	0	4	3	0	3	4
6	0	3	2	0	3	4
7	0	2	3	0	3	3
8	0	2	4	0	2	3
9	0	2	4	0	0	3
10	0	2	4	0	0	3
11	0	2	4	0	0	3
12	0	1	4	0	0	3
13	0	0	3	0	0	3
14	3	0	2	0	0	3
15	6	0	2	0	0	3
16	6	0	2	0	0	4
17	6	0	2	0	0	4
18	6	0	2	0	0	5
19	6	0	1	0	0	5
20	6	0	1	0	0	4
21	6	0	2	0	0	4
22	5	0	1	0	0	2
23	4	0	7	0	0	0
24	4	0	0	0	0	0
25	4	0	0	1	0	0
26	4	0	0	2	0	0
27	4	2	0	3	0	0
28	3	3	0	3	0	0
29	2	3	0	3	0	0
30	3	3	0	3	0	0
31	-	3	-	3	0	-
Mean	2	1	2	1	1	2
Max.	6	4	7	3	3	5
Min.	0	0	0	0	0	0
A.F.	150	90	120	40	50	140
Water diverted	590 A.F.					
	Acres reported					
	A-1260 180					

DAILY DIVERSIONS OF CANALS--1959

DAILY DIVERSIONS OF CANALS--1959

HOOPER CANAL from Blue Creek  
Measured through Parsall flume--Sec. 6-16-42 W.

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

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	10	6	8	10
2	15	0	12	5	0	10
3	15	0	13	4	0	11
4	14	0	12	5	0	12
5	13	0	13	11	0	13
6	12	0	13	14	7	13
7	11	0	13	11	15	12
8	11	0	12	9	10	13
9	12	0	11	16	10	12
10	12	0	10	12	11	11
11	12	0	13	14	12	12
12	12	0	14	12	12	14
13	12	0	14	11	12	12
14	12	0	18	10	11	13
15	13	0	18	10	11	14
16	13	0	14	10	12	14
17	14	0	26	8	14	13
18	16	0	21	9	12	12
19	0	5	14	9	10	9
20	0	11	11	13	13	12
21	0	11	9	11	11	14
22	0	14	12	12	9	14
23	0	14	14	13	8	13
24	0	12	14	17	9	14
25	0	12	12	12	10	14
26	0	12	12	10	10	14
27	0	11	13	10	11	14
28	0	10	13	10	12	13
29	0	11	15	11	10	12
30	0	11	9	12	9	12
31	0	11	-	11	10	-
Mean	8	5	14	11	9	12
Max.	16	14	25	17	15	14
Min.	0	0	9	4	0	9
A.F.	460	290	800	650	570	750
Water diverted	3520 A.F.					
	Acres reported					
	D-781 843					
	D-788H 19					
	Total 367					

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	1
10	0	0	0	0	1
11	0	0	0	0	1
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	1	0	0	0
18	0	1	0	0	0
19	0	2	0	0	1
20	0	2	0	0	1
21	0	2	0	0	1
22	0	5	0	0	1
23	0	4	0	0	1
24	0	6	0	0	4
25	0	2	0	0	4
26	0	0	0	0	2
27	0	0	0	0	1
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	1	0	0	1
Max.	0	6	0	0	4
Min.	0	0	0	0	0
A.F.	0	50	0	0	40
Water diverted	90 A.F.				
	Acres reported				
	D-937a 50				
	D-937b 20				
	Total 60				

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	3	2	2
2	0	0	3	3	2
3	0	0	1	2	2
4	0	2	1	2	2
5	0	2	4	2	2
6	0	2	5	2	2
7	0	2	5	2	2
8	0	3	5	2	2
9	0	3	3	2	2
10	0	5	2	2	2
11	0	5	2	2	2
12	0	4	2	2	2
13	0	3	0	2	2
14	0	3	1	2	2
15	0	3	1	2	2
16	0	3	2	2	2
17	0	4	2	2	2
18	0	4	2	2	2
19	0	4	2	2	2
20	0	3	3	2	2
21	0	4	3	2	2
22	0	4	3	2	2
23	0	3	3	2	2
24	0	3	3	2	2
25	0	3	3	2	2
26	0	3	3	2	2
27	0	3	3	1	2
28	0	3	3	1	2
29	0	3	3	2	2
30	0	3	2	2	2
31	0	-	3	2	-
Mean	0	3	3	2	2
Max.	0	5	5	2	2
Min.	0	0	0	1	2
A.F.	0	170	160	110	120
Water diverted	560 A.F.				
Acreeage reported				D-354	111
				A-4818	67
Total					178

DAILY DIVERSIONS OF CANALS--1959

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

Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	842	0	1090	0	2063	1845
2	0	842	0	654	0	2059	1838
3	0	850	0	302	314	2059	1762
4	0	845	0	0	368	2056	1890
5	0	847	0	0	628	2056	1750
6	0	842	0	0	910	2056	1850
7	0	847	0	0	1186	2056	1700
8	0	834	0	0	1241	2056	1706
9	0	836	0	0	1288	2053	1700
10	0	834	0	0	1492	2053	1690
11	0	839	0	0	1726	2053	1667
12	0	842	0	348	1864	2053	1620
13	0	839	0	618	1999	2056	1571
14	0	711	0	916	2010	2049	1571
15	0	372	340	1220	2020	2026	1561
16	0	0	617	1415	2029	2023	1561
17	309	0	919	1478	2026	2023	1561
18	623	0	1545	1597	2029	2020	1561
19	826	0	1075	1335	2026	2030	1541
20	842	0	1075	1313	2029	2013	1488
21	847	0	1078	1297	2062	2000	1495
22	845	0	1120	1288	1272	1997	1488
23	845	0	1116	1087	1479	1964	1485
24	853	0	1122	649	1983	1954	1459
25	869	0	1182	201	2069	1940	1395
26	877	0	1217	0	2066	1937	1357
27	877	0	1257	0	2066	1931	1325
28	863	0	1249	0	2069	1934	961
29	858	0	1244	0	2063	1931	893
30	847	0	1244	0	2059	1904	864
31	847	0	1241	0	2063	1865	---
Mean	388	401	585	560	1562	2009	1523
Max.	877	850	1257	1597	2069	2063	1845
Min.	0	0	0	0	0	1865	804
A.F.	23860	23840	35980	33340	96070	123510	90630
Water diverted	427230 A.F.						
Acreeage reported						A-768 Neb	111855
						A-768 Wyo	16100
Total							127955

DAILY DIVERSIONS OF CANALS--1959

KEARNEY CANAL from Platte River  
Measured through section of canal--Sec. 33-9-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	129	0	0	6	6	10	139	226	260	177	96	139
2	132	0	8	7	6	10	155	228	260	247	193	108
3	141	0	15	7	6	14	151	158	260	232	199	117
4	118	0	14	7	6	20	155	181	224	61	153	100
5	0	0	8	7	6	8	153	187	226	44	181	100
6	0	0	8	7	6	8	218	177	207	70	129	125
7	0	0	8	7	8	8	222	157	189	120	124	136
8	0	0	7	7	6	8	162	141	160	102	118	207
9	0	0	8	7	6	21	23	139	179	127	104	187
10	0	0	8	7	6	28	56	130	205	113	84	189
11	0	0	8	7	6	28	95	146	187	107	84	170
12	0	0	8	7	6	24	110	160	216	100	106	195
13	0	0	6	6	6	54	166	155	170	69	113	207
14	0	0	6	6	8	30	115	207	134	115	179	201
15	0	0	6	6	9	14	51	220	118	127	158	236
16	0	0	8	6	9	13	88	256	240	127	222	240
17	0	0	8	6	9	45	201	249	226	218	222	218
18	0	0	9	7	6	72	212	256	175	157	199	124
19	0	0	8	7	6	70	236	272	104	179	209	118
20	0	0	8	4	6	44	236	269	102	151	155	166
21	0	0	8	3	8	28	251	244	144	201	117	232
22	0	0	7	5	8	26	232	256	195	187	120	222
23	0	0	6	5	8	65	222	278	199	220	92	234
24	0	0	6	5	9	88	230	292	193	181	107	230
25	0	0	6	5	10	77	226	269	222	155	64	189
26	0	0	6	5	16	26	209	272	168	118	148	176
27	0	0	6	5	8	24	212	267	137	96	151	179
28	0	0	6	5	4	21	222	278	106	82	157	185
29	0	0	6	5	-	54	222	267	90	65	157	222
30	0	0	6	5	-	94	224	251	129	45	187	230
31	0	-	6	6	-	124	---	236	---	29	187	---
Mean	17	0	7	6	7	37	173	220	181	132	147	177
Max.	141	0	15	7	16	124	251	292	260	247	222	240
Min.	0	0	0	3	4	8	23	130	99	29	84	100
A.F.	1030	0	450	370	400	2290	16300	13540	10760	8120	6010	10520
Water diverted	66790 A.F.											
Sutherland storage available												
Acreeage reported											D-1023	4253

DAILY DIVERSIONS OF CANALS--1959

KEANEY POWER RETURN to Platte River  
Measured in section of canal--Sec. 35-6-16 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	192	0	0	0	0	3	139	175	176	87	0	152
2	108	0	10	0	0	3	132	57	219	157	65	55
3	109	0	14	0	0	3	126	2	223	202	157	90
4	83	0	56	0	0	3	114	0	193	120	99	90
5	0	0	41	0	0	2	126	0	196	45	137	82
6	0	0	29	0	0	0	102	0	148	8	106	84
7	0	0	23	0	0	0	200	0	143	33	77	98
8	0	0	12	0	1	0	200	28	123	82	73	123
9	0	0	5	0	1	0	134	84	115	99	55	150
10	0	0	12	0	1	0	64	71	145	95	48	115
11	0	0	6	0	1	0	78	90	159	59	32	150
12	0	0	16	0	2	0	82	81	193	68	25	150
13	0	0	9	0	2	1	126	129	126	58	42	162
14	0	0	4	0	2	22	155	87	99	53	115	137
15	0	0	3	0	2	16	41	180	56	55	157	175
16	0	0	0	0	3	0	33	157	154	64	176	180
17	0	0	3	0	3	0	154	175	114	124	208	154
18	0	0	2	0	3	11	182	200	147	137	187	217
19	0	0	1	0	3	31	219	217	117	142	143	112
20	0	0	9	0	3	25	208	217	52	115	117	71
21	0	0	2	0	3	5	230	194	82	120	77	178
22	0	0	2	0	3	0	223	184	126	124	49	167
23	0	0	3	0	2	0	194	69	137	147	42	171
24	0	0	1	0	2	2	209	79	154	157	29	193
25	0	0	0	0	2	24	187	202	152	51	29	185
26	0	0	0	0	2	15	150	193	150	70	56	175
27	0	0	0	0	2	4	152	204	108	51	99	98
28	0	0	0	0	2	2	159	219	73	28	111	114
29	0	0	0	0	-	0	166	234	53	20	112	157
30	0	0	0	0	-	16	164	121	87	5	131	180
31	0	-	0	0	-	147	---	95	--	2	157	---
Mean	13	0	8	0	2	11	152	121	134	84	94	139
Max.	109	0	56	0	3	147	230	234	223	202	208	217
Min.	0	0	0	0	0	0	33	0	52	2	0	71
A.F.	800	0	520	0	90	670	5070	7430	7970	5170	5770	8280
Water returned	45770 A.F.											

DAILY DIVERSIONS OF CANALS--1959

KEITH-LINCOLN COUNTY CANAL from North Platte River  
Measured through Parshall flume--Sec. 18-14-36 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	17	0	51	69	0	88
2	25	0	48	77	0	80
3	20	0	43	76	0	77
4	16	0	42	61	79	75
5	13	14	47	46	89	83
6	12	61	48	61	85	81
7	16	61	51	77	74	81
8	15	49	53	88	0	81
9	17	48	63	81	0	83
10	12	46	63	84	0	81
11	10	45	63	82	0	83
12	11	46	65	85	0	82
13	11	47	66	84	0	82
14	11	60	66	87	0	83
15	11	59	69	84	61	84
16	11	58	84	91	89	84
17	11	58	84	79	92	80
18	11	58	84	81	89	82
19	11	58	81	83	91	77
20	21	60	80	75	91	81
21	30	59	81	75	46	83
22	17	56	81	79	0	82
23	13	26	81	78	72	79
24	12	23	82	82	94	84
25	4	23	81	82	89	82
26	0	39	81	84	91	75
27	0	48	82	84	85	73
28	0	45	82	83	81	73
29	0	45	81	83	82	29
30	0	48	64	82	82	45
31	0	50	--	17	82	--
Mean	11	42	68	76	53	78
Max.	30	61	84	88	94	88
Min.	0	0	42	46	0	29
A.F.	700	2560	4060	4700	3260	4630
Water diverted	19910 A.F.					
Kingsley storage included	D-722 5814					

DAILY DIVERSIONS OF CANALS--1959

KIMBALL CANAL from Lodgepole Creek  
Measured through section of canal--Sec. 26-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	17	46	43	32
2	0	21	47	39	30
3	0	39	48	39	30
4	0	31	48	40	30
5	0	40	42	40	30
6	0	39	43	40	17
7	0	39	43	38	18
8	0	37	49	38	17
9	0	43	50	31	0
10	0	44	53	31	0
11	0	42	0	31	0
12	0	43	0	31	0
13	0	41	50	31	0
14	0	41	51	31	11
15	0	43	51	31	5
16	0	33	0	31	5
17	0	30	51	31	0
18	0	30	30	31	0
19	0	35	38	31	0
20	0	35	37	33	0
21	0	35	34	32	0
22	0	36	28	29	0
23	1	36	33	29	0
24	1	36	33	35	0
25	1	36	39	33	0
26	1	49	38	33	0
27	1	52	38	33	0
28	8	52	38	33	0
29	9	51	38	35	0
30	10	52	38	33	0
31	10	--	44	32	--
Mean	1	39	38	34	8
Max.	10	53	53	43	32
Min.	0	17	0	29	0
A.F.	80	2300	2350	2080	4500
Water diverted	7260 A.F.				
Oliver Storage included	A-397 4500				



DAILY DIVERSIONS OF CANALS--1959

LaBELLIE CANAL from Niobrara River  
Measured through rating flume--Sec. 6-28-54 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	4	0	6	6	2	0	7
2	4	0	6	5	3	0	7
3	3	0	4	5	4	0	7
4	4	0	5	5	4	0	7
5	6	0	6	3	4	1	4
6	6	0	5	8	5	2	1
7	4	0	6	5	6	2	1
8	3	0	6	5	6	2	0
9	3	0	6	5	7	2	0
10	3	0	5	5	6	2	0
11	2	0	5	4	3	2	0
12	0	0	5	4	0	2	0
13	0	0	4	4	0	2	0
14	0	5	4	4	0	3	0
15	0	5	3	5	1	3	0
16	0	5	5	5	0	3	0
17	0	5	2	4	0	3	0
18	0	6	2	2	0	3	0
19	0	6	1	0	0	3	0
20	0	6	3	1	0	4	0
21	0	6	5	7	0	4	0
22	0	6	4	2	0	4	0
23	0	6	5	1	0	4	0
24	0	6	6	1	0	4	0
25	0	6	6	1	0	4	0
26	0	6	6	1	0	5	0
27	0	5	6	1	0	5	0
28	0	5	6	1	0	6	0
29	0	4	6	1	0	6	0
30	0	4	6	2	0	6	0
31	0	-	6	-	0	7	-
Mean	1	3	5	3	2	3	1
Max.	6	6	6	8	7	7	7
Min.	0	0	1	0	0	0	0
A.F.	80	180	300	210	100	190	70
Water diverted	1130 A.F.			Acreage reported			
				D-518 140			
				A-60 215			
				Total 355			

DAILY DIVERSIONS OF CANALS--1959

LANCASH CANAL from Niobrara River  
Measured through Parshall flume--Sec. 1-30-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	5	4	6	0	0	3
2	5	4	6	0	0	1
3	5	4	6	0	0	2
4	5	5	6	0	0	2
5	5	5	4	0	0	2
6	5	6	4	0	1	1
7	5	6	4	0	2	2
8	5	6	4	0	2	2
9	4	6	4	0	2	2
10	5	6	4	0	2	2
11	5	6	4	0	2	2
12	5	7	4	0	2	1
13	5	7	4	0	2	1
14	5	7	4	0	3	1
15	5	6	4	0	3	2
16	5	6	4	0	3	2
17	6	6	4	0	2	1
18	6	6	5	0	2	0
19	6	7	5	0	2	0
20	6	7	5	0	2	0
21	6	7	5	0	2	0
22	6	7	5	0	2	0
23	6	7	5	0	2	0
24	6	7	5	0	2	0
25	6	6	5	0	2	0
26	6	6	5	0	2	0
27	6	6	5	0	2	0
28	3	6	5	0	2	0
29	0	6	0	0	2	0
30	0	6	0	0	2	0
31	0	6	-	0	2	-
Mean	5	6	4	0	2	3
Max.	6	7	6	0	3	3
Min.	0	4	0	0	0	0
A.F.	290	370	260	0	110	50
Water diverted	1080 A.F.		Acreage reported			
			D-554 410			

DAILY DIVERSIONS OF CANALS--1959

LAST CHANCE CANAL from Pumpkinseed Creek  
Measured through rating flume--Sec 27-19-59 W.

Date	May	June	July	Aug.	Sept.
1	0	5	9	0	7
2	0	12	8	0	7
3	0	12	8	0	7
4	0	11	8	0	7
5	0	11	9	0	14
6	0	10	8	1	10
7	0	10	7	1	10
8	0	10	4	1	9
9	0	9	6	1	8
10	0	10	6	1	9
11	0	11	5	1	9
12	0	12	4	2	9
13	0	12	5	5	8
14	0	8	5	6	3
15	0	7	6	7	6
16	0	7	7	2	4
17	0	7	7	1	9
18	0	6	2	1	9
19	0	4	1	1	8
20	0	3	1	1	9
21	0	4	1	2	10
22	0	4	0	1	11
23	0	5	0	1	9
24	0	4	0	2	3
25	0	5	0	2	2
26	0	5	2	2	2
27	0	4	6	2	0
28	0	4	6	2	3
29	0	6	6	3	3
30	0	8	1	7	3
31	0	-	0	7	-
Mean	0	8	4	2	7
Max.	0	13	9	7	14
Min.	0	3	0	0	0
A.F.	0	450	270	130	420
Water diverted	1270 A.F.		Acreage reported		
			D-983 442		

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	4	0	3	0
2	0	0	4	0	3	0
3	0	0	4	0	2	0
4	0	0	4	0	3	0
5	0	0	4	0	3	0
6	0	0	5	0	3	1
7	0	0	6	0	3	2
8	0	0	4	0	2	2
9	0	0	6	2	2	2
10	0	0	7	6	2	2
11	0	0	4	6	2	2
12	0	0	4	6	2	2
13	0	0	4	6	1	2
14	0	0	3	4	1	2
15	0	0	3	4	1	2
16	0	0	2	4	1	2
17	0	0	2	3	1	2
18	0	0	2	3	0	1
19	0	0	2	3	0	3
20	0	0	2	4	0	3
21	0	0	4	4	0	4
22	0	0	3	4	0	6
23	0	0	0	3	0	6
24	0	0	0	4	0	6
25	0	4	0	4	0	5
26	0	4	1	4	0	2
27	0	4	2	3	0	0
28	0	4	1	3	0	0
29	0	4	1	4	0	0
30	0	4	0	4	0	0
31	0	4	-	3	0	-
Mean	0	1	3	3	1	2
Max.	0	4	7	6	3	6
Min.	0	0	0	0	0	0
A.F.	0	60	170	180	70	120
Water diverted	600 A.F.					
	Acreage reported D479-101, A1086-156, A1088-35, A1152-15, A2523-205, A2837-102, A3592-46					
	Total 660					

DAILY DIVERSIONS OF CANALS--1959  
 LISCO CANAL from North Platte River  
 Measured over weir--Sec. 14-18-47 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	26	0	29	43	6	35
2	32	0	24	45	0	30
3	19	0	23	65	0	34
4	17	0	17	50	0	37
5	12	0	17	51	0	28
6	9	0	17	49	0	36
7	9	0	13	46	22	39
8	14	2	12	38	20	34
9	17	0	17	32	17	27
10	12	9	9	24	28	32
11	13	6	11	27	26	28
12	13	5	14	47	24	33
13	14	10	16	44	31	36
14	13	7	26	33	44	39
15	19	4	13	30	41	33
16	23	8	16	33	13	19
17	22	6	22	30	10	19
18	0	10	18	18	8	26
19	0	17	24	20	20	33
20	0	26	51	23	20	33
21	0	26	40	20	26	9
22	1	30	29	17	22	0
23	13	28	38	15	30	19
24	17	24	42	19	24	29
25	17	20	37	16	21	13
26	20	22	36	17	18	10
27	17	20	33	24	20	13
28	8	20	36	20	23	14
29	0	25	42	15	17	12
30	0	26	45	19	35	13
31	0	30	--	19	32	--
Mean	12	12	26	31	19	25
Max.	32	30	51	65	44	39
Min.	0	0	9	15	0	0
A.F.	750	760	1520	1880	1190	1510

Water diverted 7610 A.F.  
 Acreage reported D856-1391, D787R-1130, D796-300, A243R-635, A991-216, A465B-112, A5572-98.  
 Total 3882

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	8	3	4
2	0	1	6	3	4
3	0	2	6	3	4
4	0	2	6	3	4
5	0	2	5	3	4
6	0	3	4	3	4
7	0	2	4	3	4
8	0	3	4	3	4
9	0	3	6	3	4
10	0	3	6	3	4
11	0	3	6	4	4
12	0	4	5	4	4
13	0	5	5	4	3
14	0	5	6	4	3
15	0	3	8	4	3
16	0	3	7	4	4
17	0	3	5	4	4
18	0	3	4	4	4
19	0	3	4	4	4
20	0	4	4	4	4
21	0	6	4	4	4
22	0	6	4	4	4
23	0	9	3	4	4
24	0	9	3	4	4
25	0	7	3	4	4
26	0	6	3	4	4
27	0	6	3	4	4
28	0	6	3	4	4
29	0	6	3	4	4
30	0	8	3	4	4
31	0	--	3	4	--
Mean	0	4	5	4	4
Max.	0	9	8	4	4
Min.	0	0	3	3	3
A.F.	0	250	290	230	230

Water diverted 1000 A.F. Acreage reported D-513a 515 D-9E0 86  
 Total 601

DAILY DIVERSIONS OF CANALS--1959

McGINLEY-STOVER CANAL (South) from Niobrara River  
 Diverted on South side of river through rating flume  
 Sec. 25-29-56 W.

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

Water diverted 230 A.F. Acreage reported D-513b 120

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	8	4	2	2
2	0	8	4	2	2
3	0	8	1	2	1
4	0	11	1	2	1
5	0	10	0	2	1
6	0	8	0	2	0
7	0	8	0	2	0
8	0	10	0	2	0
9	0	10	0	2	0
10	0	10	0	2	3
11	0	9	0	2	3
12	0	4	0	2	4
13	0	2	0	2	4
14	0	4	0	2	4
15	0	3	0	2	3
16	0	2	3	2	3
17	0	3	3	2	2
18	0	3	3	2	2
19	0	5	3	2	2
20	0	5	3	2	2
21	0	5	3	2	3
22	0	10	2	2	2
23	0	10	2	2	5
24	0	7	2	2	5
25	0	2	2	2	7
26	0	2	2	2	7
27	10	2	2	0	7
28	1	1	1	0	7
29	1	1	2	0	8
30	8	4	2	0	7
31	8	--	2	2	--
Mean	1	6	2	2	3
Max.	10	11	4	2	8
Min.	0	1	0	0	0
A.F.	60	350	90	110	190

Water diverted 800 A.F. Acreage reported D-251 176 A-734 122  
 Total 298

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	0	2	5	5
2	1	0	0	2	5	5
3	1	0	0	2	5	4
4	2	0	0	2	5	4
5	1	0	0	2	5	3
6	1	0	3	2	4	3
7	1	0	5	2	4	3
8	1	0	5	2	4	3
9	1	0	4	2	4	3
10	1	0	4	3	4	3
11	2	0	5	3	4	3
12	2	0	5	3	3	3
13	1	0	5	3	2	3
14	0	0	4	3	3	3
15	0	0	4	3	2	3
16	0	0	4	3	2	4
17	0	0	5	4	3	5
18	0	12	5	4	3	6
19	0	8	5	4	1	6
20	0	8	5	4	1	6
21	0	9	4	4	1	6
22	0	9	7	4	1	7
23	0	9	11	4	3	7
24	0	9	14	4	4	8
25	0	11	9	4	7	5
26	0	5	7	5	6	0
27	0	7	7	5	6	0
28	0	7	7	5	6	0
29	0	5	5	5	5	0
30	0	0	3	5	5	0
31	0	0	-	5	5	-
Mean	1	3	5	3	4	4
Max	2	12	14	5	7	8
Min.	0	0	0	2	1	0
A.F.	30	200	280	210	230	220
Water diverted				Acreage reported		
	1170 A.F.			D-566 500		

DAILY DIVERSIONS OF CANALS--1959

MEEKER CANAL from Republican River  
Measured through rating flume--Sec. 15-3-31 W.

Date	Oct.				
1	24				
2	24				
3	28				
4	20				
5	19				
6	19				
7	19				
8	19				
9	21				
10	21				
11	21				
12	21				
13	20				
14	21				
15	14				
16	0				
17	0				
18	0				
19	0				
20	0				
21	0				
22	0				
23	0				
24	0				
25	0				
26	0				
27	0				
28	0				
29	0				
30	0				
31	0				
Mean	10				
Max.	28				
Min.	0				
A.F.	620				
Water diverted	Acreage reported				
	620 A.F.	D-4, 9, 8 & 7 2785			
		A-3869b 3599			
		A-3887c 97			
		Total 6481			

The Meeker Canal headgate located in Sec. 15-3-31 W. was abandoned when the Meeker Canal closed down on October 16, 1958. Water for lands under the Meeker Canal appropriations is being diverted through the Meeker-Driftwood headgate located in Sec. 8-2-35 W.

DAILY DIVERSIONS OF CANALS--1959

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	39	64	229	163
2	0	42	89	229	146
3	0	41	101	229	137
4	41	40	101	228	139
5	59	39	101	226	114
6	47	37	118	196	99
7	41	37	142	162	99
8	38	36	170	143	90
9	31	45	198	138	90
10	32	50	216	142	90
11	32	49	225	144	90
12	33	48	225	143	90
13	42	48	215	146	92
14	49	48	120	142	87
15	49	47	141	137	84
16	45	63	152	137	76
17	40	54	149	136	71
18	40	54	142	158	70
19	40	54	142	170	63
20	40	54	147	177	63
21	48	55	129	176	63
22	38	55	106	174	63
23	33	55	106	174	62
24	33	52	107	174	54
25	33	49	107	180	51
26	33	50	108	184	51
27	34	49	137	184	52
28	34	50	178	168	52
29	35	58	219	154	52
30	35	63	230	154	49
31	35	-	230	158	-
Mean	35	49	149	171	83
Max.	59	63	230	229	163
Min.	0	36	64	136	49
A.F.	2160	2900	9150	10500	4960
Water diverted	Acreage reported				
	29670 A.F.		D-4, 9, 8 & 7 2785		
			A-3869b 3599		
			A-3887c 97		
			A-8213 9621		
			A-9690 33		
			Total 16135		

DAILY DIVERSIONS OF CANALS--1959

NEREDITH-AMMER CANAL from Pumpkinseed Creek  
Measured through rating flume--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	7	4	4	3
2	0	7	4	4	3
3	0	6	4	4	3
4	0	6	4	6	3
5	0	6	4	7	3
6	0	5	6	7	3
7	0	5	8	7	3
8	0	5	8	7	3
9	0	5	8	7	3
10	0	5	10	7	2
11	0	5	9	7	2
12	0	5	8	7	2
13	0	4	9	5	2
14	0	3	9	5	2
15	0	3	8	5	2
16	0	3	7	6	2
17	0	2	5	6	2
18	0	1	5	6	2
19	0	5	5	6	2
20	0	5	5	6	2
21	0	5	6	6	2
22	0	5	6	6	2
23	0	5	5	6	2
24	0	5	5	6	2
25	2	4	5	6	1
26	4	4	6	7	0
27	5	4	5	7	0
28	5	3	4	8	0
29	6	3	5	6	0
30	7	3	5	3	0
31	7	-	4	1	-
Mean	1	4	6	6	2
Max.	7	7	10	8	3
Min.	0	1	4	1	0
A.F.	70	270	370	360	110
Water diverted	Acreage reported				
	1180 A.F.		D-876 441		
			*D-828 144		
			Total 585		

\*Belmont appropriation carried by Meredith-Ammer for lands located west of Pumpkinseed Creek in Section 12-19-50 W.

DAILY DIVERSIONS OF CANALS--1959

MIDDLE LOUP CANAL from Missouri River  
Measured through rating flume--Sec. 4-23-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	2	1	0	2
2	3	0	3	1	0	2
3	3	0	3	0	0	2
4	3	0	3	0	0	2
5	3	0	4	0	0	2
6	3	0	2	0	0	2
7	3	0	2	0	0	3
8	3	0	2	0	0	3
9	3	0	2	0	0	3
10	3	0	2	0	0	3
11	3	0	2	0	1	3
12	2	0	2	0	1	3
13	2	0	2	0	2	3
14	2	0	2	1	2	3
15	2	0	2	1	2	3
16	2	0	2	6	2	3
17	2	0	1	1	2	3
18	3	0	1	1	2	3
19	3	0	3	0	2	3
20	3	0	3	0	2	3
21	3	0	4	0	2	3
22	3	0	10	0	2	3
23	3	0	9	0	2	3
24	3	0	8	0	2	4
25	3	0	7	0	2	4
26	3	0	6	0	1	4
27	3	0	5	0	1	4
28	3	0	4	0	1	4
29	0	0	3	0	1	4
30	0	1	2	0	2	4
31	0	2	-	1	2	-
Mean	2	0	3	0	1	3
Max.	3	2	10	6	2	4
Min.	0	0	1	0	0	2
A.F.	150	10	200	30	70	180
Water diverted	640 A.F.			Acreage reported		
					A-292	342
					A-1248	53
					A-2244	80
					Total	475

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	25	15	42	30
2	0	0	37	15	42	26
3	0	0	35	16	43	23
4	0	0	33	15	41	22
5	0	0	34	15	42	21
6	0	0	33	16	41	21
7	0	0	30	17	42	22
8	0	0	29	16	42	22
9	0	0	25	15	40	24
10	0	0	23	17	40	25
11	0	0	30	18	41	25
12	0	0	29	18	42	24
13	0	0	28	30	43	24
14	0	0	26	40	34	21
15	0	0	27	43	43	20
16	0	0	28	49	44	21
17	0	0	36	50	41	20
18	0	0	44	49	42	21
19	0	0	45	43	47	14
20	0	0	44	42	45	9
21	13	0	42	45	40	8
22	13	0	44	48	41	8
23	12	0	34	44	45	9
24	12	0	32	43	38	10
25	11	0	32	45	39	9
26	11	0	31	45	43	10
27	11	0	29	43	42	7
28	7	0	28	41	40	5
29	5	0	24	43	37	6
30	4	0	22	46	36	2
31	0	0	--	43	34	--
Mean	3	0	32	33	41	17
Max.	13	0	37	50	47	30
Min.	0	0	22	15	34	2
A.F.	200	0	1900	2030	2520	1010
Water diverted	7660 A.F.		Acreage reported			
					A-2293	2401
					A-3979a	758
					A-3981a	220
					A-8930	50
					Total	3429

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

Date	Oct.	May	June	July	Aug.	Sept.
1	19	0	21	21	71	50
2	11	0	20	18	67	50
3	12	0	17	15	71	49
4	17	0	21	17	76	46
5	17	0	24	16	77	39
6	16	0	23	16	76	35
7	15	0	23	16	74	34
8	4	0	18	19	68	39
9	0	0	13	25	65	41
10	0	0	8	21	63	41
11	0	0	20	22	62	41
12	0	0	28	34	60	42
13	0	0	22	46	62	42
14	0	0	21	47	59	42
15	0	0	20	52	56	43
16	0	0	19	54	58	45
17	0	0	28	48	55	34
18	0	0	40	56	55	22
19	0	0	44	47	55	17
20	0	0	37	53	54	15
21	0	0	33	55	55	16
22	0	0	34	62	59	20
23	0	0	29	62	64	22
24	0	0	37	67	61	26
25	0	0	33	63	55	29
26	0	0	30	67	58	27
27	0	0	35	75	54	18
28	0	0	36	80	51	16
29	0	23	32	79	49	15
30	0	22	30	89	47	0
31	0	19	--	85	49	--
Mean	4	2	27	46	61	32
Max.	19	23	44	89	76	50
Min.	0	0	8	15	47	0
A.F.	220	120	1580	2830	3740	1900
Water diverted	10390 A.F.		Acreage reported			
					A-2293	2596
					A-2678	189
					A-3979b	1321
					A-3981b	111
					A-4131	56
					A-6623	25
					Total	4298

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	38	24	116	51
2	0	0	38	22	116	52
3	0	0	40	22	116	43
4	0	0	44	25	113	42
5	0	0	50	26	110	41
6	0	0	53	21	106	42
7	0	0	57	17	104	42
8	0	0	57	14	106	42
9	0	0	58	11	103	38
10	0	0	55	20	98	34
11	0	0	54	32	85	35
12	0	0	61	37	78	35
13	0	0	62	44	92	35
14	0	0	60	45	92	36
15	0	0	60	63	77	36
16	0	0	55	94	75	38
17	0	0	51	100	64	37
18	0	0	51	104	61	39
19	0	0	52	106	54	30
20	0	0	53	103	70	25
21	0	0	51	108	70	24
22	0	0	47	112	84	21
23	0	0	43	110	94	19
24	0	0	42	108	92	21
25	0	0	41	109	79	21
26	0	31	39	113	74	7
27	0	57	39	112	76	0
28	0	65	40	112	72	0
29	0	58	40	116	68	0
30	0	53	31	120	57	0
31	0	48	—	120	51	—
Mean	0	10	49	70	86	30
Max.	0	65	62	120	116	52
Min.	0	0	31	11	51	0
A.F.	0	620	2900	4300	5260	1760

Water diverted  
14840 A.F.

Acreege reported  
A-2293 4277  
A-2678 110  
A-3979c 4665  
A-3981c 82  
Total 9134

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

Date	Oct.	May	June	July	Aug.	Sept.
1	37	0	25	24	128	69
2	34	0	56	23	126	69
3	30	0	66	21	126	58
4	31	0	66	23	125	46
5	32	0	62	23	123	40
6	32	0	58	21	119	39
7	13	0	53	19	121	38
8	0	0	48	20	118	34
9	0	0	40	34	121	34
10	0	0	34	55	114	35
11	0	0	30	66	114	34
12	0	0	50	69	112	36
13	0	0	61	72	113	36
14	0	0	60	70	126	36
15	0	0	58	84	114	36
16	0	0	56	117	119	38
17	0	0	55	114	109	40
18	0	0	55	123	90	41
19	0	0	60	123	86	36
20	0	0	60	126	85	34
21	0	0	64	121	92	26
22	0	0	67	130	98	25
23	0	0	61	126	96	28
24	0	0	56	122	91	30
25	0	0	58	119	83	30
26	0	0	53	130	84	31
27	0	0	50	124	86	31
28	0	0	54	113	82	31
29	0	0	52	123	78	32
30	0	0	36	131	78	13
31	0	0	—	128	72	—
Mean	7	0	53	84	104	37
Max.	37	0	67	131	128	69
Min.	0	0	30	19	72	13
A.F.	420	0	3180	5150	6400	2100

Water diverted  
17340 A.F.

Acreege reported  
A-2293 5890  
A-2678 84  
A-3979d 2286  
A-3981d 322  
A-5139 163  
Total 8745

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	10	1	9
2	0	0	1	7	2	9
3	0	0	10	9	1	11
4	0	0	10	9	1	15
5	0	0	10	8	2	12
6	0	0	11	8	2	10
7	0	0	9	10	2	9
8	0	0	8	11	2	5
9	0	0	8	11	3	1
10	0	0	4	8	1	4
11	0	0	8	7	0	8
12	0	0	11	6	0	12
13	0	0	10	6	0	12
14	0	0	10	7	3	14
15	0	0	8	3	5	9
16	0	0	5	5	9	7
17	0	0	6	6	10	8
18	0	0	8	7	6	10
19	0	0	7	6	3	9
20	0	0	7	3	2	4
21	0	0	12	1	2	3
22	0	0	13	1	3	4
23	0	0	14	0	3	4
24	0	0	14	0	3	5
25	0	0	17	0	3	6
26	0	0	20	0	4	6
27	0	0	20	0	3	5
28	0	0	22	0	5	3
29	0	0	23	0	6	4
30	0	0	19	1	6	3
31	0	0	—	1	6	—
Mean	0	0	11	5	3	7
Max.	0	0	23	11	10	15
Min.	0	0	0	0	0	1
A.F.	0	0	640	300	200	440

Water returned  
1580 A.F.

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

Date	Oct.	May	June	July	Aug.	Sept.
1	8	0	7	20	17	28
2	2	0	7	16	18	29
3	0	0	5	12	24	29
4	3	0	4	13	22	22
5	4	0	8	13	21	18
6	3	0	7	12	22	13
7	2	0	7	11	30	9
8	1	0	6	12	30	9
9	0	0	3	17	27	12
10	0	0	1	9	22	12
11	0	0	0	3	19	12
12	0	0	6	8	16	12
13	0	0	10	9	16	13
14	0	0	8	7	22	12
15	0	0	8	5	26	15
16	0	0	5	6	30	19
17	0	0	2	5	30	25
18	0	0	10	7	28	16
19	0	0	15	5	25	12
20	0	0	13	6	19	10
21	0	0	15	6	16	9
22	0	0	15	4	16	11
23	0	0	14	3	18	12
24	0	0	17	4	16	15
25	0	0	22	5	13	18
26	0	0	19	5	19	20
27	0	0	20	6	21	14
28	0	5	22	8	22	12
29	0	6	23	7	23	11
30	0	7	24	9	23	11
31	0	5	—	11	25	—
Mean	1	1	11	9	22	15
Max.	8	7	24	20	30	29
Min.	0	0	0	3	13	9
A.F.	50	50	640	520	1340	910

Water returned  
3510 A.F.

DAILY DIVERSIONS OF CANALS--1959

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
SPILLWAY CANAL NO. 3 returned to Middle Loup River

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
SPILLWAY CANAL NO. 4 returned to Middle Loup River

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	3	17	0	15
2	0	0	1	14	0	15
3	0	0	0	12	0	18
4	0	0	0	14	1	17
5	0	0	0	16	3	15
6	0	0	0	16	8	17
7	0	0	1	9	10	21
8	0	0	2	8	12	21
9	0	0	2	5	13	20
10	0	0	3	1	12	17
11	0	0	3	7	8	11
12	0	0	5	14	3	6
13	0	0	10	13	0	3
14	0	0	14	9	6	4
15	0	0	15	0	9	9
16	0	0	15	7	15	11
17	0	0	13	10	18	17
18	0	0	14	10	17	24
19	0	0	15	8	12	26
20	0	0	17	10	6	21
21	0	0	19	10	1	17
22	0	0	19	8	2	15
23	0	0	17	8	5	13
24	0	0	15	6	3	10
25	0	0	13	4	5	13
26	0	0	7	3	12	14
27	0	0	8	2	16	2
28	0	0	14	1	18	0
29	0	8	17	1	20	0
30	0	7	24	1	19	0
31	0	7	--	1	15	--
Mean	0	1	10	8	9	13
Max.	0	8	24	17	20	26
Min.	0	0	0	0	0	0
A.F.	0	40	570	490	530	780

Water returned  
2410 A.F.

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	0	16	0	21
2	17	0	0	7	2	23
3	17	0	0	7	1	26
4	17	0	7	10	0	26
5	15	0	14	11	0	17
6	16	0	9	11	2	12
7	17	0	10	9	4	12
8	17	0	7	7	6	9
9	2	0	6	7	7	3
10	0	0	3	12	8	4
11	0	0	2	17	11	5
12	0	0	1	16	11	5
13	0	0	2	14	11	6
14	0	0	15	7	14	8
15	0	0	14	2	22	10
16	0	0	13	4	28	11
17	0	0	11	14	28	12
18	0	0	11	19	25	19
19	0	0	11	18	17	20
20	0	0	14	18	8	18
21	0	0	15	10	4	17
22	0	0	18	5	4	16
23	0	0	21	5	8	11
24	0	0	22	3	9	12
25	0	0	22	3	5	11
26	0	0	23	1	4	10
27	0	0	22	1	6	11
28	0	0	24	1	9	12
29	0	0	27	0	14	11
30	0	0	33	0	17	11
31	0	0	--	0	18	--
Mean	4	0	13	8	10	13
Max.	17	0	33	19	28	26
Min.	0	0	0	0	0	0
A.F.	250	0	750	510	600	770

Water returned  
2880 A.F.

DAILY DIVERSIONS OF CANALS--1959

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1959

	Oct.	May	June	July	Aug.	Sept.	Total
Diversion:							
Canal No. 1.....	200	0	1900	2030	2520	1010	7660
Canal No. 2.....	220	120	1580	2830	3740	1900	10390
Canal No. 3.....	0	620	2900	4300	5260	1760	14840
Canal No. 4.....	420	0	3180	5150	6400	2190	17340
Total diversion.....	840	740	9560	14310	17920	6860	50230
Returned through spillways:							
Canal No. 1.....	0	0	640	300	200	440	1580
Canal No. 2.....	50	50	640	520	1340	910	3510
Canal No. 3.....	0	40	570	490	530	780	2410
Canal No. 4.....	250	0	750	510	600	770	2880
Total returned.....	300	90	2600	1820	2670	2900	10380
Net diverted.....	540	650	6960	12490	15250	3960	39850

DAILY DIVERSIONS OF CANALS--1959

MIDLAND-OVERLAND CANAL from North Platte River  
Measured through Parshall flume--Sec. 2-16-44 W.

Date	May	June	July	Aug.	Sept.
1	0	0	11	0	0
2	0	0	16	0	0
3	0	0	13	0	0
4	0	0	8	0	0
5	0	0	12	0	0
6	0	0	9	0	7
7	0	0	12	0	15
8	0	0	11	0	15
9	0	3	9	0	18
10	0	7	12	0	26
11	0	6	15	0	27
12	0	7	17	0	27
13	0	6	18	1	25
14	0	6	16	11	26
15	0	16	0	10	27
16	0	23	0	0	26
17	0	27	0	0	26
18	0	25	0	0	22
19	0	14	0	0	21
20	0	21	0	0	21
21	0	29	0	0	22
22	0	27	0	0	21
23	0	22	0	0	13
24	0	21	0	0	18
25	0	19	0	0	21
26	0	14	0	0	23
27	0	15	0	0	22
28	0	12	0	0	13
29	0	13	0	0	10
30	0	14	0	0	12
31	0	--	0	0	--
Mean	0	12	6	1	17
Max.	0	29	18	11	27
Min.	0	0	0	0	0
A.F.	0	690	360	40	1020
Water diverted				Acres reported	
	2110 A.F.			D-789	1000
				D-791	1104
			(A-1742 O.D.)	D-800	98
				Total	2202

DAILY DIVERSIONS OF CANALS--1959

MINATARE CANAL from North Platte River  
Measured through rating flume--Sec. 2-22-54 W.

Date	May	June	July	Aug.	Sept.
1	0	26	7	83	70
2	0	34	26	83	53
3	0	30	33	83	49
4	0	35	30	80	50
5	0	48	26	79	48
6	0	55	44	86	48
7	0	49	69	64	48
8	0	41	73	0	49
9	0	75	86	0	53
10	0	89	95	23	54
11	0	104	88	83	52
12	0	104	83	99	51
13	8	63	77	104	43
14	27	63	75	107	44
15	43	68	67	101	41
16	44	66	107	95	40
17	43	65	83	92	42
18	42	66	85	90	42
19	41	12	69	93	39
20	44	0	75	106	31
21	42	0	78	108	25
22	43	0	92	97	40
23	45	0	91	87	48
24	45	0	93	79	41
25	48	0	95	75	24
26	55	0	103	78	24
27	57	0	97	76	26
28	40	0	93	77	26
29	37	0	91	76	12
30	39	0	83	76	0
31	23	--	82	76	--
Mean	25	36	75	79	40
Max.	57	104	107	108	70
Min.	0	0	7	0	0
A.F.	1520	2170	4590	4870	2410
Water diverted				Acres reported	
	15560 A.F.			D-919	*925

\*Does not include optional diversion acreage

DAILY DIVERSIONS OF CANALS--1959

MIRAGE FLATS CANAL from Niobrara River  
Measured through Parshall flume--Sec. 26-29-48 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	0	152	89
2	4	0	0	0	153	83
3	0	0	0	0	164	71
4	0	0	0	0	165	66
5	0	0	0	0	164	64
6	0	0	0	3	149	64
7	0	0	21	29	155	70
8	0	0	14	47	169	62
9	0	0	60	52	160	60
10	0	0	78	71	152	60
11	0	0	95	92	133	60
12	0	0	96	94	124	58
13	0	0	98	130	122	58
14	0	0	101	166	121	58
15	0	0	99	162	95	58
16	0	0	97	164	96	58
17	0	0	99	155	99	56
18	0	0	96	146	116	39
19	0	0	99	139	130	39
20	0	0	93	135	130	46
21	0	0	96	144	130	55
22	0	0	95	145	107	65
23	0	0	59	150	101	44
24	0	0	35	161	104	13
25	0	0	20	165	104	0
26	0	0	0	163	96	0
27	0	0	0	161	89	0
28	0	0	0	161	85	0
29	0	0	0	176	82	0
30	0	0	0	180	86	0
31	0	0	--	168	89	--
Mean	1	0	48	108	123	47
Max.	12	0	101	180	169	89
Min.	0	0	0	0	82	0
A.F.	30	0	2880	6660	7580	2770
Water diverted				Acres reported		
	19920 A.F.			A-2683	9317	
				A-3729	2328	
				Total	11645	

DAILY DIVERSIONS OF CANALS--1959

MITCHELL CANAL from North Platte River--Measured  
through rating flume--Sec. 10-23-60 W.--Wyoming

Date	Oct.	May	June	July	Aug.	Sept.
1	80	0	92	75	100	70
2	77	0	94	75	100	70
3	80	0	125	75	101	71
4	80	0	125	75	102	71
5	80	0	129	75	91	71
6	78	0	128	75	85	71
7	74	0	127	75	84	71
8	73	0	128	109	85	71
9	23	0	133	156	86	71
10	0	0	140	113	76	72
11	0	0	137	108	74	73
12	0	0	137	108	70	73
13	0	0	128	100	70	71
14	0	0	125	87	77	71
15	0	0	125	89	70	71
16	0	0	125	88	70	17
17	0	0	127	88	71	0
18	0	0	126	87	71	0
19	0	0	128	89	71	0
20	0	0	125	89	71	0
21	0	0	129	89	70	0
22	0	0	129	85	70	0
23	0	0	129	85	70	0
24	0	0	84	85	70	0
25	0	130	75	85	70	0
26	0	160	75	87	70	0
27	0	153	75	89	70	0
28	0	153	75	89	70	0
29	0	160	75	97	70	0
30	0	137	75	102	70	0
31	0	92	--	102	70	--
Mean	21	32	114	94	77	36
Max.	80	160	140	156	102	73
Min.	0	0	75	75	70	0
A.F.	1280	1950	6790	5620	4750	2150
Water diverted				Acres reported		
	22540 A.F.			D-1052	13633	
	Glenside Storage included					

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	1	0
2	0	0	0	1	0
3	0	0	0	1	0
4	0	0	0	1	0
5	0	0	0	1	0
6	0	0	0	1	0
7	0	0	1	1	0
8	0	0	0	1	0
9	0	0	0	1	0
10	0	0	1	1	0
11	0	0	1	1	0
12	0	0	1	1	0
13	0	0	2	0	0
14	0	0	1	0	0
15	0	1	1	0	0
16	0	2	1	0	0
17	0	2	2	0	0
18	0	2	2	1	0
19	0	2	2	1	0
20	0	2	1	1	0
21	0	1	1	0	0
22	0	0	1	0	0
23	0	0	1	0	0
24	0	0	2	0	0
25	0	0	2	1	0
26	0	0	2	0	0
27	0	0	2	0	0
28	0	0	2	0	0
29	0	0	2	0	0
30	0	0	1	0	0
31	0	-	1	0	-
Mean	0	0	1	1	0
Max.	0	2	2	1	0
Min.	0	0	0	0	0
A.F.	0	20	70	30	0
Water diverted					Acreage reported
	120 A.F.				A-575 32
					A-2754 20
					A-3923 42
					Total 94

DAILY DIVERSIONS OF CANALS--1959

MOORE-KAY CANAL from Niobrara River  
Measured through rating flume--Sec. 9-28-53 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	7	0	0	0	0	0
2	7	0	0	0	0	0
3	6	0	0	0	0	0
4	6	0	0	0	0	0
5	6	0	2	0	0	0
6	6	0	5	0	0	1
7	7	0	5	0	0	3
8	7	0	6	0	0	2
9	6	0	5	0	0	3
10	3	0	5	0	0	4
11	1	0	6	0	0	4
12	1	0	6	0	0	4
13	1	0	6	0	0	4
14	1	0	5	0	0	5
15	1	0	5	0	0	5
16	1	0	6	0	0	6
17	1	0	5	0	0	6
18	1	0	5	0	0	7
19	1	0	6	0	0	7
20	1	0	6	0	0	7
21	1	0	8	0	0	7
22	1	0	21	0	0	7
23	1	0	19	0	0	7
24	1	0	16	0	0	7
25	1	0	14	0	0	8
26	1	0	11	0	0	8
27	0	0	8	0	0	8
28	0	0	5	0	0	8
29	0	0	3	0	0	8
30	0	0	0	0	0	6
31	0	0	-	0	0	-
Mean	2	0	6	0	0	5
Max.	7	0	21	0	0	8
Min.	0	0	0	0	0	0
A.F.	150	0	370	0	0	280
Water diverted						Acreage reported
	800 A.F.					A-88 400

DAILY DIVERSIONS OF CANALS--1959

WAPONES CANAL from Republican River  
Measured through weir and Sparling Meter--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	14	34	9
2	0	0	14	35	8
3	0	0	5	35	6
4	0	0	0	32	2
5	0	0	0	31	0
6	0	0	0	30	0
7	0	0	9	27	0
8	0	0	14	26	0
9	0	0	17	26	0
10	0	0	25	26	0
11	0	0	31	26	0
12	0	0	32	26	0
13	0	0	34	26	0
14	0	0	36	23	0
15	0	0	36	14	0
16	0	0	36	6	0
17	0	2	35	6	0
18	0	6	35	8	0
19	0	8	35	13	0
20	0	6	34	16	0
21	0	4	34	16	0
22	0	5	34	19	0
23	0	7	34	20	0
24	0	10	33	20	0
25	0	11	32	19	0
26	0	13	32	16	0
27	0	14	34	15	0
28	0	14	35	17	0
29	0	14	35	20	0
30	0	14	34	20	0
31	0	-	34	14	-
Mean	0	4	26	21	1
Max.	0	14	36	35	9
Min.	0	0	0	6	0
A.F.	0	250	1620	1310	50
Water diverted					Acreage reported
	3230 A.F.				A-4217 1358
					A-6220 81
					A-9463 25
					A-9722 11
					Total 1475

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	63	0	65	65	89	68
2	57	0	64	69	33	66
3	71	0	58	72	0	63
4	76	0	72	69	0	66
5	74	0	70	77	0	65
6	66	0	60	73	41	66
7	59	0	59	59	57	64
8	17	0	181	76	94	60
9	0	0	47	68	72	63
10	0	0	61	59	66	66
11	0	0	52	51	58	67
12	0	0	46	47	65	63
13	0	35	94	46	69	58
14	0	49	78	49	70	58
15	0	51	103	62	73	56
16	0	50	81	85	74	61
17	0	49	69	66	77	67
18	0	47	84	112	70	58
19	0	51	32	88	65	54
20	0	60	43	82	56	53
21	0	63	73	70	64	51
22	0	64	74	58	78	49
23	0	65	45	65	62	55
24	0	62	65	66	73	71
25	0	60	72	66	70	55
26	0	59	68	65	76	78
27	0	69	77	65	69	68
28	0	68	79	69	70	67
29	0	66	73	66	76	66
30	0	74	57	71	72	69
31	0	71	-	72	72	-
Mean	16	36	70	68	62	62
Max.	76	74	181	112	94	78
Min.	0	0	32	46	0	49
A.F.	960	2210	4170	4190	3790	3710
Water diverted						Acreage reported
	19030 A.F.					D-925 5618
						O.D.F.-262 71
						Total 5689



DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.	
1	0	55	43	186	135	
2	0	58	48	182	142	
3	0	52	46	182	142	
4	0	53	48	178	127	
5	0	51	44	182	112	
6	0	57	34	185	104	
7	0	58	35	189	108	
8	0	55	34	185	107	
9	0	55	37	184	127	
10	0	56	43	174	107	
11	0	64	48	160	104	
12	0	51	73	162	104	
13	0	54	75	165	102	
14	52	61	93	148	104	
15	72	66	116	129	98	
16	28	66	121	126	97	
17	24	80	101	123	87	
18	32	79	74	119	69	
19	30	81	94	129	71	
20	30	88	108	158	57	
21	27	88	108	165	57	
22	26	78	113	150	44	
23	28	77	123	148	42	
24	38	72	144	144	40	
25	40	73	151	140	45	
26	46	74	159	139	46	
27	44	87	166	131	38	
28	42	76	175	140	44	Acres reported
29	57	64	181	139	44	A-2155 139
30	51	48	186	129	36	A-2312 12535
31	55	—	188	136	—	A-2417 183
Mean	23	66	97	155	84	A-3980a 802
Max.	72	88	188	189	142	A-3982a 721
Min.	0	48	34	119	36	A-4400 29
A.F.	1430	3920	5970	9530	4990	A-6430 54
Water diverted						
25840 A.F.						Total 14463

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.	
1	0	49	33	122	68	
2	0	48	28	122	54	
3	0	47	34	118	45	
4	0	45	34	103	38	
5	0	45	26	101	38	
6	0	45	20	103	42	
7	0	45	21	103	44	
8	0	44	21	101	49	
9	0	40	27	101	46	
10	0	37	28	106	34	
11	0	35	28	94	30	
12	0	38	33	90	34	
13	0	35	40	90	34	
14	0	35	64	84	33	
15	0	27	90	66	33	
16	0	49	84	66	34	
17	0	61	76	58	33	
18	57	64	60	69	34	
19	26	71	58	84	32	
20	26	66	68	92	24	
21	36	57	69	92	22	
22	33	48	84	86	17	
23	35	40	98	80	17	
24	43	38	124	86	17	
25	54	40	129	86	17	
26	57	48	131	91	17	
27	56	64	124	75	17	
28	56	60	124	73	16	
29	55	45	120	68	16	Acres reported
30	55	38	120	68	13	A-2312 5683
31	50	—	112	69	—	A-3772 75
Mean	21	47	68	89	32	A-3828 29
Max.	57	71	131	122	68	A-3980b 984
Min.	0	27	20	58	13	A-3982b 870
A.F.	1270	2780	4180	5450	1880	A-5133 52
Water diverted						A-6443 16
15560 A.F.						Total 7709

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	33	28	104	55
2	0	38	31	103	56
3	0	37	34	101	52
4	0	36	40	97	42
5	0	35	38	91	42
6	0	30	41	83	38
7	0	28	44	79	38
8	0	26	42	76	32
9	0	26	41	72	32
10	0	23	51	72	27
11	0	20	50	77	27
12	0	21	50	84	27
13	0	18	64	86	28
14	0	17	84	84	28
15	0	17	93	75	28
16	0	20	91	74	27
17	0	30	83	75	26
18	0	29	76	79	24
19	0	32	83	77	22
20	31	39	89	77	13
21	21	42	93	77	10
22	19	43	93	75	11
23	24	43	94	73	11
24	23	43	99	71	10
25	24	38	97	73	6
26	31	40	98	77	7
27	32	44	99	73	0
28	33	44	101	67	0
29	40	38	102	64	0
30	39	30	102	63	0
31	26	—	102	63	—
Mean	11	32	72	79	24
Max.	40	44	102	104	56
Min.	0	17	28	63	0
A.F.	680	1900	4430	4840	1430
Water diverted					
13280 A.F.					Acres reported
					A-2312 5790
					A-3980a 371
					A-3982a 265
					Total 6426

DAILY DIVERSIONS OF CANALS--1959

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY AT 10.88 returned to North Loup River  
Measured through 8-foot weir--Sec. 33-21-17 W.

Date	May	June	July	Aug.	Sept.
1	0	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	8	0	0	0	0
15	4	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	—	0	0	—
Mean	0.4	0	0	0	0
Max.	8	0	0	0	0
Min.	0	0	0	0	0
A.F.	20	0	0	0	0
Water returned					
20 A.F.					
From Spot gage readings					

DAILY DIVERSIONS OF CANALS--1959

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

Date	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	7	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0.2	0	0	0	0
Max.	7	0	0	0	0
Min.	0	0	0	0	0
A.F.	10	0	0	0	0

Water returned  
10 A.F.  
From Spot gage readings

DAILY DIVERSIONS OF CANALS--1959

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY AT 29.93 returned to North Loup River  
Measured through 8-foot weir--Sec. 35-27-15 W.

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

Water returned  
10 A.F.  
From Spot gage readings

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	3	8	3	4
2	0	3	8	3	5
3	0	3	9	2	4
4	0	3	9	3	3
5	0	3	9	3	1
6	0	3	9	4	3
7	0	4	8	4	4
8	0	4	7	5	2
9	0	4	6	6	2
10	0	4	5	6	2
11	0	4	4	5	2
12	0	4	4	3	2
13	0	4	4	3	2
14	0	4	1	3	2
15	0	5	3	4	1
16	0	5	3	4	1
17	0	4	3	4	1
18	0	4	3	4	1
19	0	3	3	3	1
20	0	4	3	2	1
21	0	6	2	3	1
22	0	6	1	3	1
23	0	7	1	3	1
24	0	7	1	2	1
25	0	7	1	2	0
26	0	7	1	2	1
27	0	8	1	3	1
28	0	8	1	3	1
29	0	8	2	4	1
30	1	9	2	4	1
31	2	-	3	5	-
Mean	0.1	5	4	3	2
Max.	2	9	9	6	5
Min.	0	3	1	2	0
A.F.	10	290	250	210	110

Water returned  
870 A.F.

DAILY DIVERSIONS OF CANALS--1959

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY AT 34.05 returned to North Loup River  
Measured through 6-foot weir--Sec. 17-19-14 W.

Date	May	June	July	Aug.	Sept.
1	0	4	10	10	4
2	0	3	8	12	2
3	0	4	10	14	7
4	0	0	11	10	12
5	0	0	16	8	18
6	0	0	14	10	12
7	0	2	11	10	9
8	0	4	11	11	9
9	0	4	11	12	9
10	0	4	10	16	5
11	0	4	5	18	7
12	0	7	4	18	6
13	0	2	5	16	8
14	0	3	0	17	10
15	0	6	2	17	14
16	7	7	2	16	10
17	9	5	3	17	10
18	6	7	6	17	15
19	8	6	4	2	10
20	8	7	10	1	16
21	8	10	13	12	11
22	7	14	12	13	7
23	4	18	4	14	2
24	4	17	3	15	0
25	4	16	5	10	0
26	3	13	4	5	5
27	4	12	5	3	6
28	2	16	3	1	5
29	3	17	4	2	8
30	2	19	2	2	4
31	4	-	4	3	-
Mean	3	8	7	11	8
Max.	9	19	16	18	18
Min.	0	0	0	1	0
A.F.	160	460	420	660	480

Water returned  
2180 A.F.

DAILY DIVERSIONS OF CANALS--1959

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

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

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	3	0	0
5	0	0	19	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	2	0
9	0	0	0	1	0
10	0	0	0	2	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	1	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	8	0	0
18	4	0	0	0	0
19	4	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	0	0
Mean	0.3	0	1	0.2	0
Max.	4	0	19	2	0
Min.	0	0	0	0	0
A.F.	20	0	60	10	0
Water returned	90 A.F.				
	From spot gage readings.				

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	6	11	5	11
2	0	6	9	6	12
3	0	7	6	7	12
4	0	7	10	6	8
5	0	7	10	5	1
6	0	6	6	6	1
7	0	6	6	6	5
8	0	6	8	7	6
9	0	6	5	7	11
10	0	5	8	8	12
11	0	5	7	9	10
12	0	4	4	8	6
13	0	6	5	7	5
14	0	6	4	8	5
15	0	6	5	10	6
16	0	4	10	10	8
17	0	11	9	8	7
18	0	13	6	5	8
19	1	13	5	7	8
20	4	13	3	8	9
21	6	13	4	8	11
22	8	13	3	7	9
23	6	11	5	6	6
24	4	9	5	6	5
25	6	8	4	7	6
26	7	8	6	7	5
27	7	8	7	7	4
28	8	11	6	7	6
29	7	11	5	10	5
30	7	11	5	8	5
31	9	—	4	8	—
Mean	3	8	6	7	7
Max.	9	13	11	10	12
Min.	0	4	3	5	1
A.F.	160	490	380	440	420
Water returned	1890 A.F.				
	From spot gage readings.				

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	1	0	5
2	0	0	0	0	1
3	0	0	0	0	0
4	0	0	6	0	0
5	0	0	9	0	0
6	0	0	0	0	0
7	0	0	0	1	0
8	0	0	0	1	0
9	0	0	0	0	1
10	0	0	0	1	4
11	0	0	0	1	2
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	8	0	1
17	0	0	7	0	1
18	0	0	0	0	0
19	0	0	0	0	2
20	0	1	0	1	2
21	0	1	0	2	0
22	0	1	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	2	0
28	0	1	0	0	0
29	0	1	0	0	0
30	0	1	0	0	0
31	0	—	0	0	—
Mean	0	0.2	0.5	0.4	0.5
Max.	0	1	9	2	5
Min.	0	0	0	0	0
A.F.	0	10	30	20	40
Water returned	100 A.F.				
	From spot gage readings.				

DAILY DIVERSIONS OF CANALS--1959

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 ORD-NORTH LOUP SPILLWAY AT 4.80 returned to North Loup River  
 Measured through 8-foot weir--Sec. 32-19-13 W.

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

DAILY DIVERSIONS OF CANALS--1959

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 ORD-NORTH LOUP SPILLWAY AT 11.71 returned to North Loup River  
 Measured through 8-foot weir--Sec. 27-18-13 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	7
7	0	0	0	0	6
8	0	0	9	4	0
9	0	0	3	0	2
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	2	0	0	0	0
21	3	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	4	0
29	0	0	0	0	0
30	0	0	0	4	0
31	0	0	0	0	0
Mean	0.2	0	0.4	0.8	0.1
Max.	3	0	9	7	2
Min.	0	0	0	0	0
A.F.	10	0	20	50	10
Water returned	90 A.F.				

DAILY DIVERSIONS OF CANALS--1959

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 ORD-NORTH LOUP SPILLWAY AT 16.69 returned to North Loup River  
 Measured through 3-foot weir--Sec 8-15-12 W.

Date	May	June	July	Aug.	Sept.
1	0	1	9	9	8
2	0	4	7	10	8
3	0	6	5	11	9
4	0	6	4	12	9
5	0	7	6	12	9
6	0	7	7	12	9
7	0	7	9	9	9
8	0	8	9	9	10
9	0	8	10	6	10
10	0	8	8	3	8
11	0	7	9	2	6
12	0	8	7	2	6
13	0	8	7	2	4
14	0	8	4	3	4
15	0	7	4	3	7
16	0	7	4	4	9
17	0	10	4	4	10
18	0	9	3	4	11
19	0	7	3	6	9
20	0	7	3	6	7
21	1	10	2	7	5
22	2	12	2	7	6
23	3	11	2	7	7
24	3	12	3	7	9
25	1	10	3	7	8
26	1	9	3	8	2
27	0	9	4	9	5
28	0	11	5	10	1
29	0	11	5	10	1
30	3	11	6	10	2
31	3	--	8	11	--
Mean	0.5	8	5	7	7
Max.	3	12	10	12	11
Min.	0	1	2	2	1
A.F.	30	490	330	440	410
Water returned	1700 A.F.				

DAILY DIVERSIONS OF CANALS--1959

NORTH LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1959

	May	June	July	Aug.	Sept.	Total
<b>Diversion:</b>						
Taylor-Ord.....	1430	3920	5970	9530	4990	25840
Burwell-Sumter.....	1270	2780	4180	5450	1680	15560
Ord-North Loup.....	680	1900	4430	4840	1430	13280
<b>Total diversion.....</b>	<b>3380</b>	<b>8600</b>	<b>14580</b>	<b>19820</b>	<b>8300</b>	<b>54680</b>
<b>Returned through spillways:</b>						
Taylor-Ord.....	200	750	670	880	590	3090
Burwell-Sumter.....	190	500	470	470	460	2090
Ord-North Loup.....	40	490	350	490	420	1790
<b>Total returned.....</b>	<b>430</b>	<b>1740</b>	<b>1490</b>	<b>1840</b>	<b>1470</b>	<b>6970</b>
<b>Net diverted.....</b>	<b>2950</b>	<b>6860</b>	<b>13090</b>	<b>17980</b>	<b>6830</b>	<b>47710</b>

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	55	88	104	239	208
2	3	0	43	87	91	250	208
3	3	0	44	98	117	245	216
4	8	0	51	113	131	246	211
5	16	0	77	107	119	233	204
6	8	0	93	93	163	252	204
7	67	0	112	75	186	247	203
8	80	0	103	80	207	239	200
9	79	0	75	85	228	221	201
10	79	0	54	119	238	219	185
11	67	0	62	159	247	216	162
12	34	0	96	163	247	225	166
13	48	0	109	164	253	222	166
14	60	0	115	183	255	213	166
15	60	0	119	197	257	192	166
16	55	0	123	201	255	200	173
17	60	0	130	208	252	206	152
18	61	0	78	201	253	207	133
19	63	0	68	192	255	233	131
20	62	0	62	173	144	239	126
21	48	0	38	149	151	247	106
22	11	0	32	131	232	246	98
23	4	0	45	105	245	238	93
24	3	0	37	136	255	243	86
25	3	0	51	133	252	238	87
26	4	0	79	135	250	208	87
27	9	0	86	139	250	207	85
28	7	0	91	135	253	206	84
29	0	1	101	135	252	208	84
30	0	22	100	143	252	211	85
31	0	---	98	---	250	208	---
Mean	33	1	79	138	214	226	149
Max.	80	22	130	208	257	252	216
Min.	0	0	32	75	91	192	84
A.F.	2000	50	4830	8190	13190	13900	8880
Water diverted							
51040 A.F.							
Kingsley storage included							

DAILY DIVERSIONS OF CANALS--1959

NORTHPORT CANAL from North Platte River  
Measured through section of Tri-State Canal--Sec. 10-23-56 N.

Date	May	June	July	Aug.	Sept.
1	0	0	33	210	135
2	0	0	55	218	125
3	0	0	37	248	127
4	0	0	15	236	127
5	0	0	29	217	125
6	0	0	29	209	147
7	0	0	99	211	134
8	0	0	151	213	101
9	0	0	148	203	109
10	0	0	94	198	93
11	0	0	96	204	131
12	0	46	122	196	134
13	0	59	165	204	120
14	0	65	174	197	112
15	0	221	160	205	91
16	0	224	179	195	97
17	0	203	157	188	100
18	0	197	145	156	88
19	0	182	155	183	59
20	0	132	164	169	74
21	0	185	157	127	33
22	0	118	171	179	43
23	0	183	173	180	40
24	0	182	183	193	95
25	0	181	219	186	132
26	0	159	218	165	71
27	0	122	235	124	50
28	0	31	229	123	31
29	0	16	220	130	0
30	0	49	218	126	0
31	0	---	213	135	---
Mean	0	85	143	196	91
Max.	0	224	229	249	147
Min.	0	0	15	123	0
A.F.	0	5060	8790	11450	5410
Water diverted					
30710 A.F.					
Pathfinder storage included					

Acreage reported  
D-635 14067

DAILY DIVERSIONS OF CANALS--1959

NORTEPORT CANAL from Drains  
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	0	140	144	185
2	0	0	150	142	195
3	0	0	149	142	195
4	0	0	143	145	199
5	0	0	139	146	199
6	0	0	138	147	193
7	0	0	135	152	194
8	0	0	133	153	196
9	0	0	129	160	192
10	0	20	125	162	199
11	0	34	128	154	199
12	0	110	129	160	196
13	0	111	132	162	193
14	0	106	129	174	194
15	0	107	125	170	199
16	0	109	131	169	200
17	0	110	137	172	208
18	0	114	138	168	215
19	0	119	135	177	215
20	0	142	139	175	212
21	0	133	143	189	213
22	0	144	137	179	213
23	0	140	137	178	220
24	0	112	130	175	175
25	0	122	131	180	58
26	0	144	140	181	58
27	0	140	141	184	58
28	0	159	139	185	57
29	0	175	143	186	55
30	0	137	146	187	55
31	0	—	143	189	—
Mean	0	83	137	167	172
Max.	0	175	150	189	220
Min.	0	0	128	142	55
A.F.	0	4940	8410	10290	10210
Water diverted					
33850 A.F.					

DAILY DIVERSIONS OF CANALS--1959

NORTEPORT DIVERSIONS FOR NORTEPORT IRRIGATION DISTRICT  
Summary in Acre-feet--1959

	Section Township Range	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River	10-23-58	0	5060	8790	11450	5410	30710
*Sheep Creek	17-23-57	0	2600	4130	5220	4950	16900
*Akers Draw	12-23-57	0	400	710	810	760	2680
*Tub Springs	27-23-55	0	810	1910	1980	1560	6260
*Spotted Tail, Dry	9-23-56	0	400	730	1080	970	3180
*Spotted Tail, Wet	10-23-56	0	730	930	1200	1970	4830
*Moffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		0	10060	17200	21740	15620	64560
Water diverted							Acreage reported
64560 A.F.							A-76E 16109

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

DAILY DIVERSIONS OF CANALS--1959

ORCHARD-ALFALEA CANAL from Platte River  
Measured through Parshall flume--Sec. 4-16-24 W.

Date	May	June	July	Aug.	Sept.
1	0	9	7	99	0
2	0	8	11	82	8
3	0	8	12	84	17
4	0	8	12	89	17
5	0	9	11	79	16
6	0	8	9	71	16
7	0	8	8	67	15
8	0	8	11	64	15
9	0	11	12	58	14
10	0	13	21	56	13
11	5	13	29	53	14
12	10	15	32	47	16
13	5	15	51	49	16
14	4	15	64	39	16
15	6	16	62	25	16
16	8	20	60	25	14
17	9	19	7	25	15
18	10	18	18	25	10
19	8	23	24	25	0
20	8	21	24	25	0
21	8	21	24	26	0
22	6	16	23	24	0
23	7	11	24	29	0
24	6	10	28	29	0
25	7	9	37	30	0
26	8	17	36	27	0
27	6	23	60	15	0
28	6	22	64	13	0
29	6	23	67	8	0
30	7	13	84	0	0
31	9	—	85	0	—
Mean	5	14	33	41	8
Max.	10	23	85	89	17
Min.	0	8	7	0	0
A.F.	300	850	2020	2540	490
Water diverted	6200 A.F.		Acreage reported		
			D-627 5680		
Sutherland storage included					

DAILY DIVERSIONS OF CANALS--1959

OSKOSH CANAL from North Platte River  
Measured through Parshall flume--Sec. 25-17-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	8	0	0	11	0	0
2	8	0	0	8	0	0
3	3	0	0	8	0	0
4	0	0	0	7	0	0
5	0	0	0	6	0	0
6	0	0	0	8	0	0
7	0	0	0	13	0	0
8	0	0	0	11	0	0
9	0	0	0	13	0	0
10	0	0	4	14	0	0
11	0	0	8	11	0	13
12	0	0	8	8	0	20
13	0	0	8	8	0	20
14	0	0	8	6	0	20
15	0	0	12	0	0	20
16	0	0	12	0	0	20
17	0	0	11	0	0	19
18	0	0	11	0	0	15
19	0	0	11	0	0	17
20	0	0	14	0	0	18
21	0	0	19	0	0	17
22	0	0	13	0	0	16
23	0	0	11	0	0	16
24	0	0	15	0	0	16
25	0	0	15	0	0	16
26	0	0	14	0	0	17
27	0	0	12	0	0	16
28	0	0	11	0	0	15
29	0	0	11	0	0	14
30	0	0	12	0	0	13
31	0	0	—	0	0	—
Mean	1	0	8	4	0	11
Max.	8	0	15	14	0	20
Min.	0	0	0	0	0	0
A.F.	40	0	480	260	0	670
Water diverted	1450 A.F.		Acreage reported			
			D-797 1743			

DAILY DIVERSIONS OF CANALS--1959

OWASCO CANAL from Lodgepole Creek  
Measured through rating flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	5	8	15
2	0	0	9	8	11
3	0	0	10	7	11
4	0	0	11	6	10
5	0	0	6	4	16
6	0	0	3	5	16
7	0	0	2	9	15
8	0	3	3	3	13
9	0	3	2	3	8
10	0	4	0	4	9
11	0	4	0	4	10
12	0	3	0	4	12
13	0	0	4	4	12
14	0	0	1	4	13
15	0	0	2	3	12
16	0	9	4	5	11
17	0	11	3	5	4
18	0	12	4	4	9
19	0	9	4	5	9
20	0	9	7	4	10
21	0	9	9	3	10
22	0	6	9	5	11
23	0	10	10	5	11
24	0	8	10	7	14
25	0	6	13	8	9
26	0	7	13	8	9
27	0	6	12	9	9
28	0	8	14	10	9
29	0	7	10	10	9
30	0	7	14	11	9
31	0	—	7	14	—
Mean	0	5	6	6	11
Max.	0	12	14	14	16
Min.	0	0	0	3	4
A.F.	0	280	400	390	650
Water diverted	1720 A.F.		Acreage reported		
			D-7478 83		
			A-725 689		
			Total 772		

DAILY DIVERSIONS OF CANALS--1959

PAISLEY CANAL from Blue Creek  
Measured through rating flume--Sec. 6-16-42 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	22	0	10	21	10	7	3
2	22	0	11	15	9	8	2
3	23	0	14	10	10	3	2
4	23	0	14	12	11	3	2
5	23	0	20	13	10	5	2
6	23	0	17	13	9	5	2
7	22	0	17	13	10	2	2
8	21	0	16	17	12	1	2
9	21	0	15	20	15	0	2
10	22	5	13	20	0	0	2
11	22	5	12	20	11	0	2
12	21	4	3	19	18	0	1
13	22	4	1	18	19	0	1
14	22	6	6	16	20	0	1
15	22	8	9	14	21	0	2
16	22	7	10	15	21	0	2
17	22	6	10	21	20	0	2
18	5	8	12	14	20	0	2
19	0	12	13	16	19	6	3
20	0	11	15	14	21	12	3
21	0	9	15	17	21	14	2
22	0	9	12	19	21	15	2
23	0	9	12	19	17	14	3
24	0	9	11	15	15	14	9
25	0	10	11	12	17	14	14
26	0	10	11	9	16	13	9
27	0	10	19	14	15	12	8
28	0	10	23	14	15	12	8
29	0	10	20	14	15	5	13
30	0	10	21	12	6	3	14
31	0	—	24	—	4	3	—
Mean	12	6	12	16	14	6	4
Max.	23	12	24	21	21	15	14
Min.	0	0	1	9	0	0	1
A.F.	750	240	830	920	890	340	240
Water diverted	4020 A.F.		Acreage reported				
			D-800 814				
			A-515 95				
			A-1738 161				
Crescent Lake Storage included							
Total 1071							

DAILY DIVERSIONS OF CANALS--1959

PAXTON-BERSHEY CANAL from North Platte River  
Measured through Parrshall flume--Sec. 18-14-33 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.	
1	34	0	0	31	61	81	86	
2	34	13	0	28	74	83	91	
3	32	16	0	21	78	73	91	
4	25	16	0	22	78	64	82	
5	16	11	0	19	22	72	74	
6	16	13	0	26	45	76	74	
7	10	23	28	32	47	0	74	
8	4	34	18	23	68	0	77	
9	6	30	16	34	102	0	79	
10	14	30	18	51	91	0	83	
11	20	30	21	55	109	0	84	
12	13	35	20	61	105	0	73	
13	11	41	28	58	99	0	65	
14	11	36	29	49	105	0	66	
15	13	36	42	46	110	0	66	
16	18	38	58	65	3	0	69	
17	24	15	59	94	28	0	66	
18	24	0	24	96	38	48	42	
19	25	0	17	95	73	63	37	
20	24	0	8	96	92	76	41	
21	30	0	11	94	71	74	36	
22	41	0	29	88	9	73	44	
23	41	0	10	83	39	17	49	
24	41	0	21	77	80	0	36	
25	41	0	25	77	74	0	41	
26	0	0	23	76	83	0	36	
27	0	0	24	74	96	0	35	
28	0	0	25	74	104	0	34	
29	0	0	28	79	104	46	36	
30	0	0	28	83	98	53	38	
31	0	-	29	-	92	81	-	
Mean	18	14	21	60	73	32	60	
Max.	34	38	59	96	110	83	91	
Min.	0	0	0	19	3	0	34	
A.F.	1120	830	1280	3580	4520	1950	3580	
Water diverted							Acres reported	
	16860 A.F.						D-653	8315
Kingsley storage included								

DAILY DIVERSIONS OF CANALS--1959

PIONEER CANAL from Niobrara River  
Measured through rating flume--Sec. 26-19-51 W.

Date	May	June	July	Aug.	Sept.	
1	0	11	14	9	6	
2	0	9	12	9	6	
3	0	9	12	8	6	
4	10	7	10	6	6	
5	18	7	11	9	5	
6	19	7	9	8	4	
7	20	6	6	8	4	
8	20	5	7	7	4	
9	14	4	13	6	4	
10	12	3	4	8	4	
11	11	3	3	9	4	
12	12	3	2	9	4	
13	14	3	2	9	4	
14	14	3	2	10	5	
15	15	4	2	11	5	
16	16	7	2	11	5	
17	16	11	2	3	5	
18	12	12	3	5	6	
19	10	17	3	5	6	
20	13	13	2	5	6	
21	13	11	2	7	6	
22	12	15	4	6	6	
23	14	15	3	6	6	
24	14	10	2	7	7	
25	12	10	2	6	8	
26	11	1	3	5	6	
27	11	4	5	5	3	
28	11	13	6	5	3	
29	11	15	7	5	2	
30	11	15	8	5	2	
31	12	-	8	5	-	
Mean	12	3	6	7	5	
Max.	20	17	14	11	8	
Min.	0	3	2	5	2	
A.F.	750	500	340	440	290	
Water diverted					Acres reported	
	2720 A.F.				D-442	505
					A-2812	55
					A-4579	15
					A-5010	192
					Total	867

DAILY DIVERSIONS OF CANALS--1959

FOTRESIL CANAL from Niobrara River--Measured  
through 3' Parrshall flume--Sec. 26-29-48 W.

Date	Apr.	May	June	July	Aug.	Sept.	
1	0	0	9	0	6	7	
2	0	0	7	0	6	7	
3	0	0	7	0	6	7	
4	0	0	7	0	6	7	
5	0	0	8	0	5	6	
6	0	0	4	2	5	6	
7	0	0	8	6	5	6	
8	0	0	8	7	5	6	
9	0	0	7	7	5	6	
10	0	0	7	7	4	6	
11	0	0	8	7	4	6	
12	0	0	7	7	5	5	
13	0	0	7	7	6	5	
14	0	0	7	7	0	5	
15	0	0	7	7	0	5	
16	0	0	7	3	0	5	
17	0	0	7	0	0	5	
18	0	4	7	0	0	5	
19	0	8	7	0	0	5	
20	0	8	7	0	0	5	
21	0	8	7	0	0	5	
22	0	8	7	0	0	5	
23	0	8	7	2	0	5	
24	0	8	7	6	0	5	
25	0	8	7	5	0	5	
26	0	8	7	5	0	5	
27	0	8	7	5	0	5	
28	0	8	7	5	0	5	
29	0	8	3	5	0	5	
30	0	8	3	7	0	5	
31	-	8	-	7	-	-	
Mean	0	3	7	4	2	6	
Max.	0	8	8	7	7	7	
Min.	0	0	3	0	0	5	
A.F.	0	210	410	230	150	230	
Water diverted						Acres reported	
	1730 A.F.					A-2566	473

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	15	2	20	5
2	6	0	16	1	17	5
3	5	0	16	0	12	5
4	5	0	16	0	12	6
5	5	0	16	0	10	10
6	5	0	16	5	7	12
7	5	0	16	15	8	14
8	5	0	17	16	10	17
9	4	0	17	16	10	17
10	4	0	18	17	11	16
11	4	0	19	18	10	16
12	4	0	20	20	9	18
13	4	0	20	24	8	17
14	4	0	19	23	8	16
15	4	0	19	23	9	14
16	4	0	18	24	6	13
17	4	0	17	24	7	11
18	4	0	17	25	6	13
19	4	0	22	27	10	11
20	4	0	16	27	10	12
21	2	0	17	28	15	15
22	0	0	16	28	9	15
23	0	0	23	27	5	14
24	0	0	23	18	5	14
25	0	0	16	15	6	7
26	0	0	16	13	6	6
27	0	0	16	15	6	6
28	0	0	16	17	6	5
29	0	0	17	19	4	4
30	0	8	6	20	6	4
31	0	13	-	20	6	-
Mean	3	1	18	17	10	11
Max.	6	13	23	28	20	18
Min.	0	0	6	0	4	4
A.F.	180	40	1050	1050	550	670
Water diverted					Acres reported	
	2540 A.F.				D-945	1652



DAILY DIVERSIONS OF CANALS--1959

RUTTNER-KIRKBY CANAL from Lodgepole Creek  
Measured through rating flume--Sec. 31-15-56 W.

Date	May	June	July	Aug.	Sept.
1	0	4	0	3	0
2	0	4	3	3	0
3	0	4	3	3	1
4	0	4	3	2	1
5	0	4	3	2	1
6	0	3	0	2	1
7	0	3	0	3	1
8	0	3	3	2	1
9	0	3	3	2	1
10	0	3	4	2	1
11	0	3	3	2	1
12	0	4	2	2	0
13	0	4	2	2	0
14	0	3	2	3	0
15	0	4	4	3	0
16	0	3	4	3	0
17	0	3	4	3	0
18	0	3	3	2	0
19	0	0	3	2	0
20	0	0	3	3	0
21	0	0	3	4	0
22	0	0	3	4	0
23	0	0	0	6	0
24	0	0	0	3	0
25	0	0	0	3	0
26	0	0	0	1	0
27	0	0	0	1	0
28	0	0	0	1	0
29	4	0	2	1	0
30	4	0	0	0	3
31	4	-	2	0	-
Mean	0	2	2	2	0
Max.	4	4	4	6	1
Min.	0	0	0	0	0
A.F.	20	120	150	140	20
Water diverted	450 A.F.		Acres reported		
			D-245	125	
			D-550	51	
			A-7128	48	
			A-1828	14	
			Total	242	

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	3	3	0	2
2	0	3	3	0	2
3	0	3	3	0	1
4	0	3	0	0	1
5	0	4	1	0	2
6	0	4	4	0	2
7	0	2	4	0	2
8	0	2	3	0	2
9	0	2	2	0	2
10	0	1	1	0	1
11	0	1	1	0	1
12	0	1	0	0	2
13	0	1	0	0	2
14	0	1	0	0	1
15	0	1	0	0	1
16	0	3	0	0	1
17	0	3	0	0	0
18	0	3	0	0	0
19	0	4	0	0	0
20	0	3	0	0	0
21	0	3	0	3	0
22	0	3	0	3	0
23	0	3	0	3	0
24	0	3	0	2	0
25	0	2	0	2	0
26	0	2	0	1	0
27	0	3	0	2	0
28	3	4	0	2	0
29	3	4	0	2	0
30	3	4	0	2	0
31	2	-	0	2	-
Mean	0	3	1	1	1
Max.	3	4	4	3	2
Min.	0	1	0	0	0
A.F.	20	160	50	50	50
Water diverted	330 A.F.		Acres reported		
			D-350R	22	
			A-727	35	
			A-857	92	
			A-869	44	
			Total	193	

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct	May	June	July	Aug.	Sept.
1	15	0	50	30	180	78
2	20	0	41	31	180	78
3	18	0	48	32	175	70
4	18	0	28	31	163	72
5	19	0	21	31	145	72
6	18	0	26	31	135	60
7	17	0	29	31	130	68
8	15	0	46	35	128	80
9	16	0	69	40	129	80
10	17	0	73	45	136	72
11	15	0	59	46	135	69
12	14	0	57	51	148	68
13	14	0	57	82	163	69
14	8	0	57	102	151	63
15	0	0	59	125	112	55
16	0	0	59	149	104	56
17	0	0	58	151	93	50
18	0	0	60	135	75	41
19	0	0	66	128	70	35
20	0	0	57	112	86	37
21	0	0	58	110	102	36
22	0	0	56	108	103	37
23	0	0	57	109	108	37
24	0	0	56	124	123	38
25	0	0	52	125	114	34
26	0	11	56	135	115	33
27	0	22	56	166	110	32
28	0	46	56	176	102	31
29	0	37	52	185	95	31
30	0	38	38	179	97	30
31	-	42	-	175	89	-
Mean	7	6	52	97	122	54
Max.	20	46	73	185	180	80
Min.	0	0	21	30	70	30
A.F.	440	390	3090	5970	7530	3200
Water diverted	20620 A.F.		Acres reported			
			A-4841a	13507		

DAILY DIVERSIONS OF CANALS--1959

MILBURN WASTEWAY MILE 4.7 from Sargent Canal  
Returned to Middle Loup River--Measured  
through Sparling Meter--Sec. 14-20-21 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	4	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	4	0	0	0	0
Min.	0	0	0	0	0
A.F.	10	0	0	0	0
Water returned	10 A.F.				

DAILY DIVERSIONS OF CANALS--1959

SARGENT WASTEWAY MILE 11.2 returned to Middle Loup River  
Measured through earth section of spillway--Sec. 27-20-20 W.

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

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	8	3	0	5
2	0	0	3	2	10	5
3	0	0	0	2	8	8
4	0	0	0	3	13	5
5	0	0	0	2	10	9
6	0	0	0	1	4	3
7	1	0	0	2	2	2
8	0	0	1	2	4	1
9	0	0	0	1	8	8
10	0	0	0	1	9	6
11	0	0	3	0	7	9
12	0	0	3	0	3	10
13	0	0	3	0	4	9
14	0	0	3	1	18	8
15	1	0	0	1	19	4
16	2	0	1	2	21	6
17	2	0	5	20	14	11
18	2	0	4	26	14	11
19	1	0	4	27	5	5
20	0	0	4	18	1	1
21	0	0	7	12	2	0
22	0	0	7	8	4	1
23	0	0	3	6	3	1
24	0	0	3	5	7	2
25	0	0	3	5	8	3
26	0	0	1	4	9	3
27	0	0	3	1	10	3
28	0	0	6	0	7	2
29	0	3	10	0	6	2
30	0	11	14	0	5	5
31	0	10	-	0	9	-
Mean	0	1	3	5	8	5
Max.	2	11	14	27	21	11
Min.	0	0	0	0	0	0
A.F.	20	50	200	310	480	290
Water returned	1350 A.F.					

DAILY DIVERSIONS OF CANALS--1959

SARGENT WASTEWAY MILE 26.0 returned to Middle Loup River  
Measured through 11.8-foot rating flume--Sec. 36-20-18 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	2	0
2	0	1	0	5	2
3	0	0	0	1	1
4	0	0	0	3	0
5	0	0	0	4	1
6	0	0	0	4	0
7	0	0	0	2	0
8	0	0	0	1	0
9	0	0	0	0	3
10	0	5	0	0	3
11	0	3	0	0	0
12	0	0	0	0	0
13	0	0	0	8	0
14	0	0	0	5	0
15	0	0	0	0	0
16	0	0	0	1	0
17	0	0	2	1	0
18	0	0	4	2	0
19	0	0	2	1	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	2	2	0
23	0	0	2	3	0
24	0	0	0	2	0
25	0	0	0	2	0
26	0	0	0	2	0
27	0	0	1	2	0
28	0	0	2	2	0
29	0	0	1	1	0
30	0	0	0	1	0
31	0	-	0	1	-
Mean	0	0.3	0.5	2	0.3
Max.	0	5	4	8	3
Min.	0	0	0	0	0
A.F.	0	20	30	110	20
Water returned	180 A.F.				

DAILY DIVERSIONS OF CANALS--1959

SARGENT WASTEWAY MILE 31.6 returned to Middle Loup River  
Measured through rating flume--Sec. 15-19-17 W.

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

DAILY DIVERSIONS OF CANALS--1959

SARGENT WASTEWAY MILE 40.1 returned to Middle Loup River  
Measured over 6-foot weir--Sec. 23-19-17 W.

Date	Oct.	May	June	July	Aug.	Sept.	
1	5	0	0	4	6	2	
2	3	0	0	1	7	1	
3	1	0	0	1	6	1	
4	3	0	0	1	5	0	
5	3	0	0	1	3	2	
6	3	0	0	1	2	0	
7	2	0	0	0	3	0	
8	0	0	0	1	7	3	
9	0	0	0	1	6	3	
10	1	0	0	2	7	0	
11	4	0	7	3	6	0	
12	4	0	7	1	4	1	
13	3	0	6	1	2	1	
14	4	0	7	0	8	2	
15	4	0	7	1	8	3	
16	4	0	8	3	10	2	
17	3	0	7	4	8	1	
18	2	0	3	5	7	1	
19	1	0	4	5	2	0	
20	0	0	5	5	1	0	
21	0	0	3	3	3	2	
22	0	0	4	4	6	2	
23	0	0	3	0	3	4	
24	0	0	6	2	3	5	
25	0	0	4	3	2	4	
26	0	0	2	5	2	3	
27	0	0	1	4	3	4	
28	0	0	2	3	2	3	
29	0	0	5	3	0	3	
30	0	0	6	4	2	3	
31	0	0	—	4	2	—	
Mean	2	0	3	2	4	2	
Max.	5	0	8	5	10	5	
Min.	0	0	0	0	0	0	
A.F.	100	0	190	150	270	110	
Water returned							
	820 A.F.						

DAILY DIVERSIONS OF CANALS--1959

SUMMARY  
SARGENT CANAL--A-4841a  
1959 Water Year  
Values in Acre-feet

	Oct.	May	June	July	Aug.	Sept.	Total
Diversion	440	390	3090	5970	7530	3200	20620
Spill at Mile 4.7	0	10	0	0	0	0	10
Spill at Mile 11.2	0	0	0	0	0	0	0
Spill at Mile 20.6	20	50	200	310	480	290	1350
Spill at Mile 26.0	0	0	20	30	110	20	180
Spill at Mile 31.6	0	0	2	0	4	0	6
Terminal Spill at Mile 40.1	100	0	190	150	270	110	820
Net diversion	320	330	2678	5480	6666	2780	18254

Net water diverted  
18254 A.F.

Acreage reported  
A-4841a 13507

DAILY DIVERSIONS OF CANALS--1959

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

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

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

Water diverted  
340 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	8	7	7
2	0	0	8	7	7
3	0	0	8	7	7
4	0	0	8	7	8
5	0	0	8	7	8
6	0	0	8	7	8
7	0	6	8	7	8
8	0	6	8	7	8
9	0	6	8	6	8
10	0	6	8	6	8
11	0	6	8	6	8
12	0	6	7	6	8
13	0	6	7	6	8
14	0	6	6	7	8
15	0	6	6	7	7
16	0	6	6	7	7
17	0	6	6	7	7
18	0	6	6	7	8
19	0	6	6	7	8
20	0	6	7	7	8
21	0	6	7	7	8
22	0	6	7	7	8
23	0	6	7	7	8
24	0	6	7	7	8
25	0	6	7	7	8
26	0	6	7	7	9
27	0	6	7	7	9
28	0	6	7	7	9
29	0	7	7	7	9
30	0	8	7	7	9
31	0	-	7	7	-
Mean	0	5	7	7	8
Max.	0	6	8	7	9
Min.	0	0	6	6	7
A.F.	0	290	440	420	470

Water diverted  
1620 A.F.

DAILY DIVERSIONS OF CANALS--1959

SHERIDAN-WILSON DIVERSION  
Summary in Acre-feet--1959

	May	June	July	Aug.	Sept.	Total
Diversion:						
North Platte River	0	0	170	170	0	340
Sarben Slough	0	290	440	420	470	1620
Total diversion	0	290	610	590	470	1960
Water diverted 1960 A.F.					Acreage reported D-710	676

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	32	28	27
2	0	0	38	28	28
3	0	0	47	21	30
4	0	14	30	22	46
5	0	18	6	32	38
6	0	18	21	35	22
7	0	18	27	41	14
8	0	25	30	43	26
9	0	31	26	40	29
10	0	33	31	49	28
11	0	34	24	53	29
12	0	36	27	33	25
13	0	34	27	35	24
14	0	36	20	36	22
15	0	32	20	44	22
16	0	34	26	28	22
17	0	35	27	33	25
18	0	43	30	31	29
19	0	12	31	26	22
20	0	0	32	27	20
21	0	0	33	31	22
22	0	0	22	33	22
23	0	0	34	31	13
24	0	25	28	26	24
25	0	34	30	23	31
26	0	33	35	17	0
27	0	34	31	17	0
28	0	36	30	18	0
29	0	37	34	22	0
30	0	47	39	25	0
31	0	-	38	24	-
Mean	0	23	30	31	22
Max.	0	43-47	47	53	46
Min.	0	0	6	17	0
A.F.	0	1390	1810	1910	1700
Water diverted	6410 A.F.			Acres reported D-946	2770

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	19	0
2	0	0	0	21	0
3	0	0	0	15	0
4	0	0	0	22	0
5	0	0	0	25	0
6	0	0	0	17	0
7	0	0	0	7	0
8	0	0	0	4	1
9	0	0	0	5	3
10	0	0	0	6	3
11	0	0	0	5	4
12	0	0	0	6	4
13	0	0	0	5	4
14	0	0	0	5	4
15	0	0	0	2	4
16	0	0	0	3	4
17	0	0	0	9	9
18	0	0	0	12	10
19	0	0	0	12	4
20	0	0	1	11	0
21	0	0	4	12	0
22	0	0	2	6	0
23	0	0	6	1	0
24	0	0	3	1	0
25	0	0	3	1	0
26	0	0	5	3	0
27	0	0	12	1	0
28	0	0	11	1	0
29	0	0	17	0	0
30	0	0	18	0	0
31	0	-	18	0	-
Mean	0	0	3	8	2
Max.	0	0	18	25	10
Min.	0	0	0	0	0
A.F.	0	0	200	470	110
Water diverted	780 A.F.			Acres reported D-680	1173
Sutherland storage available					

DAILY DIVERSIONS OF CANALS--1959

SHOW CANAL from Niobrara River--Measured  
through rating flume--Sec. 35-29-51 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	2	1	0	0	2
2	0	1	1	0	0	2
3	0	1	2	0	0	2
4	0	0	2	0	0	2
5	0	0	2	0	0	2
6	0	0	2	0	0	2
7	0	0	2	0	0	2
8	0	0	3	0	1	2
9	0	0	4	0	2	1
10	0	0	5	0	1	2
11	0	0	5	0	0	2
12	0	0	5	0	0	2
13	0	0	5	0	0	2
14	0	0	5	0	0	2
15	0	0	5	0	1	2
16	0	0	5	0	3	2
17	0	0	5	0	2	2
18	0	0	5	0	3	2
19	0	0	4	0	3	2
20	0	0	5	0	3	2
21	0	0	3	0	3	2
22	0	0	0	0	3	2
23	0	0	0	0	3	2
24	0	1	0	0	3	3
25	0	1	0	0	2	3
26	0	1	0	0	2	3
27	0	1	0	0	2	1
28	4	1	0	0	2	1
29	2	1	0	0	2	2
30	2	1	0	0	2	3
31	-	1	-	0	2	-
Mean	0	0	3	0	1	2
Max.	4	2	5	0	3	3
Min.	0	0	0	0	0	1
A.F.	20	20	150	0	70	120
Water diverted	400 A.F.				Acres reported D-485	200

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	16	0	82	89	142	118
2	15	0	95	88	144	116
3	14	0	99	87	143	117
4	14	0	99	95	142	110
5	11	0	97	89	138	103
6	11	0	96	30	94	102
7	10	0	91	37	106	101
8	7	0	89	76	103	96
9	7	0	87	92	112	88
10	6	0	86	91	112	91
11	5	0	87	107	110	103
12	6	0	80	117	102	102
13	3	0	76	112	107	101
14	0	0	73	112	112	101
15	0	0	69	123	101	102
16	0	0	73	124	91	104
17	0	0	89	139	75	104
18	0	0	101	145	50	84
19	0	4	102	135	69	72
20	0	77	103	114	88	74
21	0	80	106	101	87	74
22	0	65	91	97	94	61
23	0	68	89	97	97	59
24	0	65	87	111	85	58
25	0	73	94	108	81	61
26	0	84	100	106	103	56
27	0	78	102	117	108	48
28	0	78	97	112	101	47
29	0	83	90	111	102	46
30	0	85	89	127	108	45
31	0	83	-	138	124	-
Mean	4	30	91	104	104	85
Max.	16	85	106	145	144	118
Min.	0	0	69	30	50	45
A.F.	250	1830	5390	6400	6410	5050
Water diverted	25330 A.F.				Acres reported D-662	7170
Kingsley storage included						

DAILY DIVERSIONS OF CANALS--1959

SUPERIOR CANAL from Republican River--Measured through 12-foot Parshall flume--Sec. 8-1-9 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	65	0	54	130	50
2	0	46	0	55	128	47
3	0	33	0	55	133	44
4	0	28	0	56	134	37
5	0	43	0	53	134	37
6	0	31	0	54	134	31
7	0	31	0	54	133	26
8	0	34	0	61	131	26
9	0	31	0	86	129	26
10	0	31	14	93	130	26
11	0	34	22	93	129	26
12	0	35	23	96	133	24
13	0	35	23	103	135	22
14	0	35	23	107	135	20
15	0	25	23	116	136	14
16	0	23	23	119	135	15
17	0	23	23	116	128	15
18	0	21	26	106	114	15
19	0	15	42	103	105	13
20	0	15	52	91	104	13
21	0	16	49	102	104	15
22	0	16	47	102	102	14
23	0	15	50	103	97	15
24	0	14	48	109	93	15
25	0	15	49	112	92	15
26	0	15	51	120	91	14
27	0	14	55	128	88	13
28	0	13	61	128	77	14
29	44	9	54	128	68	12
30	66	0	60	132	65	4
31	---	0	---	132	62	---
Mean	4	25	27	96	113	22
Max.	66	65	61	132	136	50
Min.	0	0	0	53	62	4
A.F.	220	1510	1630	5880	6960	1300
Water diverted					Acres reported	
	17500 A.F.				A-2691c	5521
Supplemental Storage included					A-6223	268
					A-9723	52
					Total	5841

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	800	596	508	518	511	520	146	46	48	1720	1730	1020
2	827	596	511	543	513	529	97	42	48	1740	1730	1020
3	861	600	497	616	516	498	100	44	48	1740	1720	1010
4	868	651	498	540	513	513	140	42	48	1720	1730	999
5	868	632	505	512	516	513	151	40	48	1720	1730	986
6	926	645	501	509	508	515	154	29	50	1720	1720	976
7	1020	651	504	502	505	515	114	3	51	1720	1720	975
8	1050	640	509	504	502	516	83	22	54	1740	1720	976
9	1050	634	511	504	498	522	73	29	65	1770	1720	975
10	1090	642	516	506	499	508	67	36	108	1800	1720	975
11	1110	643	511	506	491	532	66	36	128	1770	1720	975
12	1080	643	509	506	497	522	66	35	186	1770	1720	978
13	1070	645	515	505	502	520	64	37	428	1760	1720	984
14	1080	638	508	504	501	539	59	37	677	1760	1700	991
15	1100	645	508	506	506	532	60	32	813	1750	1700	975
16	1100	656	504	502	506	520	62	28	982	1750	1700	834
17	1110	654	506	506	511	515	59	25	1180	1730	1690	653
18	1110	603	506	504	512	520	64	23	1350	1730	1690	529
19	1110	622	505	499	515	518	71	22	1530	1730	1700	421
20	1080	616	506	506	516	522	66	24	1620	1740	1700	347
21	1040	573	509	504	515	520	63	26	1610	1730	1690	252
22	1090	562	511	499	530	520	68	27	1590	1730	1670	127
23	1120	520	512	498	518	518	84	38	1580	1730	1640	72
24	1130	512	512	494	518	512	56	46	1580	1730	1640	48
25	1130	515	512	494	522	537	56	50	1590	1730	1540	18
26	1130	506	516	501	522	552	58	57	1650	1720	1300	0
27	1130	513	513	501	522	476	59	52	1660	1720	1120	0
28	1130	509	519	502	519	376	54	47	1640	1720	1060	0
29	903	502	515	505	---	372	50	47	1640	1720	1040	0
30	591	509	516	504	---	364	48	47	1680	1720	1030	0
31	584	---	516	512	---	297	---	47	---	1730	1030	---
Mean	1009	596	509	510	511	498	79	36	856	1737	1582	604
Max.	1130	656	519	616	530	552	154	57	1680	1800	1730	1020
Min.	584	502	497	494	491	297	48	3	48	1720	1030	0
A.F.	62060	35450	31320	31360	28380	30610	4680	2210	50940	106830	97270	35930
Water diverted												
	517040 A.F.											

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	922	275	724	468	761	473	538	832	656	744	1761	1516
2	1086	405	599	453	1033	471	639	831	511	894	1466	1389
3	924	462	464	493	799	432	692	741	514	989	1562	1131
4	1052	459	568	591	818	414	639	900	507	695	1215	1096
5	966	480	716	707	834	459	470	820	728	405	1676	1118
6	1005	441	844	605	865	662	1167	925	930	509	1637	959
7	870	406	746	765	813	751	887	1121	681	781	1256	1079
8	888	430	834	801	723	648	828	1092	1103	657	1113	1245
9	914	386	957	772	754	750	1019	863	1107	889	848	934
10	657	402	918	817	765	772	1009	487	1103	1284	1258	1125
11	622	460	887	704	811	750	1028	594	1162	1309	1466	1199
12	496	591	895	759	679	737	798	630	1090	1512	1459	1239
13	579	609	789	580	764	736	1096	1043	981	1563	1574	1017
14	654	603	749	573	894	705	986	961	950	1548	1485	1189
15	611	594	707	638	701	668	1081	958	1384	1582	1147	1230
16	601	440	556	641	819	823	987	840	1496	1528	1107	1188
17	575	821	481	590	747	862	1100	308	1670	1249	1184	1086
18	594	823	403	502	661	829	1197	907	1664	1184	1289	772
19	604	562	480	594	657	843	940	712	1566	1139	1108	839
20	472	533	601	595	642	773	960	467	1376	1448	930	588
21	558	701	472	641	635	776	1047	517	1115	1289	1251	529
22	534	737	599	726	717	705	1062	617	924	1174	1034	404
23	496	678	565	711	809	851	1211	564	986	943	995	397
24	487	674	583	647	875	806	1178	541	967	1125	1277	391
25	487	533	535	625	661	733	1244	741	1026	1351	1556	53
26	489	526	459	766	504	755	1008	595	1175	1571	1372	53
27	478	603	474	765	528	465	1181	543	1136	1821	1431	53
28	475	640	460	766	587	575	1165	535	1050	1824	1460	53
29	418	695	532	622	---	415	1001	519	892	1838	1466	53
30	257	702	482	696	---	543	765	584	697	1834	1405	53
31	312	---	493	664	---	592	---	427	---	1656	1569	---
Mean	648	556	631	654	745	670	966	717	1040	1237	1353	799
Max.	1086	823	957	817	1033	862	1244	1121	1670	1838	1815	1516
Min.	257	275	403	453	504	414	470	308	507	405	848	53
A.F.	39830	33070	38820	40220	41370	41200	57490	44060	61860	76040	83220	47560
Water returned 604740 A.F.												

DAILY DIVERSIONS OF CANALS--1959

SUTHERLAND CANAL for power from South Platte River  
Measured through 25' Parshall flume--Sec. 8-13-35 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	101	247	389	298	274	389	951	1032	1272	117	12	0
2	127	238	424	287	274	379	1077	956	1308	102	12	0
3	144	228	364	117	297	369	1200	922	1398	102	12	0
4	181	247	362	90	294	365	1244	801	1168	88	12	0
5	166	263	356	90	324	359	1240	670	926	84	12	0
6	195	289	214	120	324	354	1216	618	768	65	12	0
7	203	296	164	164	332	354	1160	631	621	62	12	0
8	191	298	197	209	287	352	1115	677	503	58	12	0
9	199	305	197	249	274	344	1062	825	405	58	12	0
10	199	305	187	298	191	344	1073	898	329	36	12	0
11	191	308	247	332	232	344	1070	966	267	41	10	0
12	191	310	305	374	242	334	1051	1025	122	45	6	0
13	191	317	280	400	287	344	1036	1040	181	42	6	0
14	187	327	214	429	364	365	1040	992	160	40	46	0
15	153	324	203	426	389	356	1047	944	124	39	45	0
16	164	327	240	376	434	344	1029	866	124	36	31	0
17	177	274	292	354	459	344	662	804	107	36	10	0
18	181	160	389	407	400	352	981	748	94	35	0	0
19	181	283	440	424	301	354	996	683	77	29	0	0
20	183	410	450	356	207	356	1029	658	67	25	0	0
21	189	352	429	181	280	352	1081	640	61	31	0	0
22	224	339	434	127	374	356	1099	652	61	29	0	0
23	236	339	413	137	379	369	1126	606	65	23	0	0
24	249	334	400	197	434	407	1149	579	53	19	0	0
25	254	334	384	283	469	472	1141	594	46	18	0	0
26	265	301	362	346	469	442	1149	628	127	18	0	0
27	274	272	364	405	442	748	1149	761	201	14	0	0
28	289	175	334	421	400	664	1081	1081	151	12	0	0
29	303	272	301	397	---	690	1025	1320	125	13	0	0
30	285	364	234	392	---	745	1014	1304	127	12	0	0
31	256	---	263	359	---	821	---	1308	---	12	0	---
Mean	204	295	317	292	336	424	1087	957	365	43	9	0
Max.	303	410	450	429	469	821	1244	1320	1308	117	46	0
Min.	101	160	164	90	191	334	662	606	46	12	0	0
A.F.	12550	17530	19500	17940	18680	26120	64710	52700	21720	2650	540	0
Water diverted 254660 A.F.												

THIRTY MILE CANAL from Platte River  
Measured through Parshall flume--Sec. 31-12-26 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	61	0	61	68	289	6
2	57	0	74	67	295	6
3	57	0	60	70	293	18
4	61	0	67	70	295	49
5	58	29	62	68	299	51
6	41	52	66	74	301	52
7	35	50	59	78	301	50
8	18	52	67	64	299	49
9	0	14	69	61	101	52
10	0	0	68	97	0	52
11	0	0	67	99	0	51
12	0	0	64	128	0	52
13	0	17	67	182	114	49
14	0	35	71	241	61	48
15	0	35	81	256	0	50
16	0	35	72	265	0	53
17	0	58	75	291	20	49
18	0	78	80	289	149	47
19	0	80	78	301	151	48
20	0	75	95	311	177	45
21	0	61	99	303	194	42
22	0	68	103	283	201	42
23	0	71	71	275	201	41
24	0	63	72	273	177	50
25	0	67	66	281	151	57
26	0	61	66	290	112	53
27	0	58	72	303	69	45
28	0	54	72	309	17	41
29	0	64	76	305	6	41
30	0	59	72	305	6	50
31	0	64	—	285	6	—
Mean	13	42	72	204	138	45
Max.	61	80	103	311	301	57
Min.	0	0	59	61	0	6
A.F.	770	2580	4310	12510	8500	2680
Water diverted					Acreage reported	
	31350 A.F.				A-1853	19073
Sutherland storage included					A-1976	3497
					A-2077	320
					Total	22890

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1320	729	1270	870	1080	1050	1440	1270	1160	1940	2130	1900
2	1430	864	1240	699	1300	1190	1380	1260	1380	1730	2120	1950
3	1440	922	941	485	1140	889	1360	1280	1200	1650	2140	1580
4	1460	923	1090	585	1160	886	1260	1280	1160	1600	2140	1470
5	1490	882	1080	781	1200	996	1020	1300	1170	1360	2150	1500
6	1380	916	1180	797	1260	1150	1450	1300	1580	1060	2150	1380
7	1330	897	1170	930	1270	1170	1490	1610	1030	1160	2140	1420
8	1250	902	1250	1110	1100	1160	1300	1710	1430	1100	2130	1520
9	1260	852	1320	1120	1120	1170	1440	1550	1490	1160	2100	1330
10	1110	894	1300	1220	926	1250	1460	1280	1410	1410	2130	1380
11	1010	858	1380	1150	1110	1180	1440	1130	1460	1540	2120	1450
12	900	1020	1360	1200	1120	1270	1400	1040	1430	1750	2120	1680
13	967	1030	1270	1120	1260	1200	1560	1480	1260	1920	2140	1480
14	982	1060	1090	1100	1330	1270	1370	1420	1200	2010	2130	1530
15	1030	1030	1130	1090	1260	1070	1570	1440	1420	2080	2110	1560
16	963	984	1300	1030	1280	1450	1430	1420	1630	2040	2100	1580
17	963	1040	1030	968	1200	1350	1540	972	1790	2040	2080	1620
18	988	1090	943	1060	1180	1400	1580	1440	1800	2060	2060	1550
19	965	1090	1030	1040	1040	1370	1760	1610	1800	2040	1930	1700
20	932	1290	1150	988	832	1360	1590	1670	1900	2120	1620	1650
21	866	1200	1020	777	992	1220	1600	1470	1830	2050	1830	1620
22	889	1320	1100	996	1120	1140	1600	1510	1880	2050	1890	1570
23	914	1260	1100	1200	1280	1310	1650	1380	1890	2040	1760	1580
24	868	1200	1020	1010	1420	1360	1600	1280	1920	2050	1780	1630
25	934	1010	715	1070	1330	1320	1680	1370	1920	2050	1960	1530
26	861	902	974	1160	1190	1400	1540	1210	1910	2050	1850	1540
27	1130	978	942	1250	1140	1180	1600	1130	1960	2040	2050	1420
28	924	1030	897	1230	1180	1380	1820	1040	1900	2040	2000	1350
29	926	1070	860	1260	—	1300	1610	1060	1950	2050	2050	1300
30	858	1270	850	1120	—	1400	1250	1090	1960	2080	1920	1350
31	802	—	819	1100	—	1350	—	1080	—	2060	1980	—
Mean	1069	1017	1091	1017	1172	1232	1493	1325	1594	1817	2026	1537
Max.	1490	1320	1380	1260	1420	1450	1820	1710	1960	2120	2150	1950
Min.	802	852	715	485	832	886	1020	972	1030	1060	1620	1300
A.F.	65740	60520	67080	62510	65100	75750	88840	81480	94850	111730	124580	91480
Water diverted												
										Acreage reported		
										A-2355 & A-3476		164117
										A-3476 Storage only		37918
										A-3620 Storage only		3119
										A-3823 Storage only		3263
										A-4656 Storage only		12423
										A-5278		12765
										Total		233605



DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	62	0	0	0	0	0	0	0	0	0	263	231
2	46	0	0	0	0	0	0	0	0	0	40	122
3	40	0	0	0	0	0	0	0	0	99	223	153
4	56	0	0	0	0	0	0	0	0	53	78	163
5	58	0	0	0	0	0	0	25	0	34	13	175
6	17	0	0	0	0	0	0	22	0	52	38	250
7	0	0	0	0	0	0	0	5	11	79	12	250
8	0	0	0	0	0	0	0	10	61	0	154	252
9	0	0	0	0	0	0	0	0	89	13	250	231
10	0	0	0	0	0	0	0	0	98	208	421	256
11	0	0	0	0	0	0	0	0	109	254	223	254
12	0	0	0	0	0	0	0	0	108	320	172	254
13	0	0	0	0	0	0	0	0	120	381	310	244
14	0	0	0	0	0	0	0	0	151	350	101	208
15	0	0	0	0	0	0	0	0	227	344	0	210
16	0	0	0	0	0	0	0	0	304	357	64	240
17	0	0	0	0	0	0	0	0	306	218	182	184
18	0	0	0	0	0	0	0	0	304	180	505	115
19	0	0	0	0	0	0	0	0	276	158	612	101
20	0	0	0	0	0	0	0	0	304	225	703	83
21	0	0	0	0	0	0	0	0	222	49	762	49
22	0	0	0	0	0	0	0	0	172	99	717	21
23	0	0	0	0	0	0	0	0	153	79	692	0
24	0	0	0	0	0	0	0	0	130	140	712	0
25	0	0	0	0	0	0	0	0	115	202	712	0
26	0	0	0	0	0	0	0	0	138	407	462	0
27	0	0	0	0	0	0	0	0	38	288	438	0
28	0	0	0	0	0	0	0	0	79	314	350	0
29	0	0	0	0	-	0	0	0	69	470	177	0
30	0	0	0	0	-	0	0	0	56	375	212	0
31	0	-	0	0	-	0	-	0	-	421	254	-
Mean	9	0	0	0	0	0	0	2	121	200	320	135
Max.	62	0	0	0	0	0	0	25	306	470	762	256
Min.	0	0	0	0	0	0	0	0	0	0	0	0
A.F.	550	0	0	0	0	0	0	120	7220	12320	19700	8030
Water returned	47940 A.F.											

DAILY DIVERSIONS OF CANALS--1959

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	506	889	629	704	821	1647	1188	1396	271	30	122	58
2	648	840	565	776	1225	1419	1264	1041	214	38	90	90
3	661	664	628	894	981	350	1247	678	131	54	30	66
4	778	741	693	763	930	350	1510	931	147	166	38	86
5	442	604	905	1051	914	388	1045	725	357	272	34	158
6	312	740	838	933	924	860	1521	528	110	203	34	106
7	407	685	688	944	915	841	1449	511	50	118	18	355
8	428	766	809	963	909	657	1487	453	94	644	42	248
9	552	692	924	824	947	771	1275	344	186	203	38	225
10	798	882	816	656	1026	828	1228	366	154	46	50	187
11	780	597	937	719	939	1024	1336	310	363	26	82	235
12	645	681	739	692	999	1052	852	316	252	22	110	245
13	637	727	719	703	1115	1086	1066	415	150	18	68	248
14	572	762	684	861	1152	1081	1108	271	89	26	42	318
15	561	776	738	913	859	1068	1187	341	435	22	58	308
16	638	1177	690	924	960	1258	1047	302	253	18	70	306
17	702	1111	845	883	964	1278	1043	340	136	12	58	402
18	645	928	851	860	970	1319	1157	258	38	10	42	533
19	661	1155	864	849	1147	1296	1048	567	50	10	54	560
20	780	1215	893	827	1137	1308	1154	260	46	18	34	407
21	754	1019	861	862	872	1255	1381	256	46	22	54	626
22	751	858	674	836	945	965	987	259	42	30	34	708
23	743	917	1024	869	1018	1289	1274	430	46	18	30	695
24	657	895	970	749	981	1247	1293	407	162	26	34	793
25	688	963	662	692	1298	1078	1230	496	66	22	55	844
26	704	1031	964	843	1691	1094	938	900	50	18	38	924
27	671	826	971	844	1753	1031	1180	621	30	18	30	708
28	689	859	901	928	1598	1112	1276	648	34	14	26	905
29	655	744	939	1036	---	946	1210	478	53	12	30	1111
30	584	593	743	1077	---	1040	1322	241	68	8	26	976
31	530	---	734	1184	---	905	---	260	---	50	34	---
Mean	632	849	797	861	1072	1028	1210	495	139	72	50	454
Max.	798	1215	1024	1184	1753	1647	1521	1306	435	644	122	1111
Min.	312	593	565	692	821	350	892	241	30	8	18	58
A.F.	38830	50510	48990	52960	59560	63240	72010	30440	8260	4430	3040	27000
Water returned	459270 A.F.											

DAILY DIVERSIONS OF CANALS--1959

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	382	268	1008	721
2	0	346	203	967	731
3	0	218	185	909	710
4	0	142	185	889	720
5	0	109	164	903	671
6	0	87	529	931	631
7	0	74	811	951	621
8	0	62	769	949	663
9	0	70	757	954	633
10	0	365	896	922	636
11	0	507	969	911	607
12	0	648	953	904	604
13	298	714	925	891	594
14	290	497	921	853	598
15	281	409	875	815	619
16	281	426	921	826	649
17	276	487	978	827	776
18	263	503	1012	794	735
19	248	560	950	777	679
20	256	379	966	786	636
21	246	203	1028	838	673
22	244	264	1036	776	655
23	248	228	1045	760	662
24	260	248	1030	757	635
25	172	195	983	724	462
26	253	206	995	696	443
27	536	198	988	752	461
28	626	267	995	772	435
29	638	366	1010	746	0
30	614	311	995	745	0
31	473	---	1000	726	---
Mean	210	316	817	841	589
Max.	638	714	1045	1008	776
Min.	0	62	164	696	0
A.F.	12900	18780	50270	51690	35030
Water diverted	168670 A.F.				
Pathfinder Storage included					

DAILY DIVERSIONS OF CANALS--1959

TRI-STATE DIVERSIONS  
For Farmers Irrigation District and Preferred Rights  
Summary in Acre-feet--1959

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	12900	18780	50270	51690	35030	168670
*Optional Diversions....	260	270	1380	1900	1210	5020
**Drains.....	1340	2240	0	0	0	3580
Total.....	14500	21290	51650	53590	36240	177270

Water diverted						
177270 A.F.						
				Acresage reported		
				D-918	58437	
				A-660	2913	
				O.D.'s	1715	
				Total	63065	

\*Estimated  
\*\*Diverted by Tri-State Canal and used by Farmers Irrigation District prior to Northports request for irrigation water.

DAILY DIVERSIONS OF CANALS--1959

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

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	0	4	16	16
2	12	0	0	3	12	15
3	14	0	0	2	13	14
4	13	0	0	3	12	11
5	8	0	0	3	13	11
6	7	0	0	3	10	12
7	0	0	0	4	13	12
8	2	0	8	6	17	15
9	9	0	16	8	17	13
10	8	0	20	17	15	13
11	0	0	21	18	14	12
12	0	0	12	19	14	12
13	0	0	14	20	15	12
14	0	0	15	20	15	12
15	0	0	14	19	15	12
16	0	0	14	18	15	11
17	0	0	12	18	15	7
18	0	0	4	14	15	5
19	0	0	7	12	14	5
20	0	0	7	12	13	4
21	0	0	7	9	18	4
22	0	0	7	8	17	4
23	0	0	7	9	13	4
24	0	0	10	12	13	4
25	0	0	10	15	12	1
26	0	0	11	16	11	0
27	0	0	11	17	11	0
28	0	0	11	17	11	0
29	0	0	10	18	14	4
30	0	0	10	18	15	5
31	0	0	—	19	14	—
Mean	3	0	9	12	14	8
Max.	14	0	21	20	18	16
Min.	0	0	0	2	10	0
A.F.	180	0	510	760	860	500
Water diverted	2810 A.F.				Acreage reported D-763	1295

DAILY DIVERSIONS OF CANALS--1959

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	86	140	56	31	19
2	0	76	180	54	30	19
3	0	84	194	54	27	21
4	0	94	86	46	24	21
5	0	115	65	46	25	19
6	0	118	74	45	24	19
7	0	109	74	41	26	19
8	0	86	54	40	26	18
9	0	97	54	40	21	18
10	0	106	89	40	24	17
11	0	112	69	40	24	17
12	0	106	52	40	24	16
13	0	94	52	38	24	15
14	0	92	67	36	26	17
15	0	97	63	34	23	15
16	0	106	56	33	23	15
17	0	121	50	31	22	17
18	0	124	48	34	22	17
19	0	103	48	34	19	18
20	0	100	48	36	18	18
21	97	84	48	33	17	21
22	84	94	54	28	18	23
23	86	100	56	30	17	23
24	82	100	48	28	17	28
25	84	106	48	28	17	36
26	79	103	48	28	18	34
27	84	140	52	27	18	31
28	89	140	50	24	19	34
29	92	140	54	23	19	52
30	100	140	61	23	19	69
31	—	140	—	23	21	—
Mean	29	106	67	36	22	24
Max.	100	140	180	56	31	69
Min.	0	76	48	23	17	15
A.F.	1740	6570	4010	2210	1360	1400
Water diverted	17290 A.F.				Acreage reported A-393 A-1804 A-4739	11006 764 498
Total						12268

DAILY DIVERSIONS OF CANALS--1959

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

Date	May	June	July	Aug.	Sept.
1	0	14	4	30	20
2	0	12	11	31	20
3	0	11	14	30	20
4	0	12	16	29	20
5	0	8	14	29	18
6	0	7	12	27	17
7	0	7	8	27	17
8	0	8	14	26	18
9	0	16	17	25	18
10	0	23	22	26	18
11	0	21	25	27	18
12	0	18	21	25	18
13	1	9	26	26	19
14	14	14	30	25	20
15	9	18	30	26	20
16	8	19	30	25	20
17	6	16	30	25	19
18	4	16	28	25	14
19	4	13	28	24	14
20	5	6	28	24	14
21	8	5	29	23	16
22	11	14	28	22	17
23	10	23	28	22	17
24	10	21	30	22	20
25	13	17	28	22	9
26	15	17	28	22	10
27	20	17	28	22	12
28	16	17	28	22	10
29	15	12	28	21	5
30	17	5	30	20	0
31	15	—	30	21	—
Mean	6	14	23	25	16
Max.	20	23	30	31	20
Min.	0	5	4	20	5
A.F.	400	820	1430	1530	950
Water diverted	5130 A.F.				

WINTERS CREEK CANAL from Winters Creek  
Measured through Parshall flume  
Sec. 19-22-54 W.

Date	May	June	July	Aug.	Sept.
1	0	22	24	46	49
2	0	17	28	45	48
3	0	23	31	44	49
4	0	30	28	46	50
5	0	27	30	52	48
6	0	28	32	53	47
7	0	32	32	48	44
8	0	12	32	42	45
9	0	30	34	42	42
10	0	30	34	44	47
11	8	33	38	45	46
12	8	35	42	45	45
13	12	0	37	46	45
14	13	0	39	47	46
15	13	0	45	47	45
16	13	0	46	49	45
17	13	0	50	45	45
18	14	0	44	41	48
19	12	0	44	44	47
20	18	0	46	46	46
21	25	0	45	48	43
22	30	0	45	49	45
23	32	0	45	49	46
24	35	0	45	49	19
25	36	15	40	50	0
26	30	21	42	50	0
27	32	17	44	49	0
28	40	18	46	50	0
29	37	22	46	50	0
30	34	20	47	51	0
31	27	—	48	49	—
Mean	16	14	40	47	36
Max.	40	35	50	53	50
Min.	0	0	24	41	0
A.F.	960	860	2430	2900	2140
Water diverted	9290 A.F.				

WINTERS CREEK FARMLEY LATERAL from Winters Creek  
 Measured through Farmley Lateral--Sec. 19-27-54 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	0	5	7	3
2	10	0	0	6	7	4
3	0	0	0	5	7	4
4	0	0	0	4	7	4
5	0	0	1	4	8	4
6	0	0	3	7	9	2
7	0	0	2	6	10	1
8	0	0	0	10	10	1
9	0	0	0	10	8	7
10	0	0	0	10	6	8
11	0	0	0	10	5	6
12	0	0	0	10	8	4
13	0	0	0	9	10	2
14	0	0	0	6	10	2
15	0	2	0	2	9	5
16	0	2	0	2	7	7
17	0	2	0	3	7	5
18	0	2	0	3	10	3
19	0	6	0	4	12	3
20	0	8	0	4	10	3
21	0	8	0	7	9	7
22	0	3	0	7	8	9
23	0	0	0	10	7	10
24	0	0	0	9	3	6
25	0	0	2	8	2	0
26	0	0	6	5	3	3
27	0	0	6	4	7	4
28	0	0	6	3	8	10
29	0	0	5	1	4	12
30	0	0	5	2	2	5
31	0	0	-	5	2	-
Mean	1	1	1	6	7	5
Max.	11	8	6	10	12	12
Min.	0	0	0	1	2	0
A.F.	50	60	70	360	440	290
Water diverted						
1270 A.F.						

DAILY DIVERSIONS OF CANALS--1959

WINTERS CREEK DIVERSIONS  
 Summary in acre-feet--1959

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	0	400	830	1430	1530	950	5140
Winters Creek.....	50	1030	930	2790	3340	2430	10570
Total diversion.....	50	1430	1760	4220	4870	3380	15710
Water diverted							
15710 A.F.							
						Acreage reported	
						D-952	5748

MISCELLANEOUS STREAM DISCHARGE AND STORAGE RECORDS  
1960

KORTES RESERVOIR STORAGE IN ACRE-FEET  
Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	4650	4670	4480	4620	4590	4520	4600	3990	4480	4550	4570	4570
2	4580	4460	4190	4580	4580	4480	4470	4090	4480	4500	4480	4540
3	4420	4660	4520	4660	4580	4570	4600	4660	4510	4500	4540	4520
4	4530	4690	4470	4610	4630	4480	4560	4110	4560	4410	4560	4420
5	4410	4560	4420	4610	4590	4560	4550	4240	4420	4590	4570	4490
6	4480	4580	4210	4620	4600	4560	4590	4070	4560	4520	4370	4570
7	4510	4540	4470	4650	4600	4550	4660	4500	4520	4510	4360	4480
8	4600	4540	4490	4600	4610	4570	4610	4190	4400	4690	4550	4600
9	4540	4640	4540	4540	4630	4600	4610	4260	4510	4620	4510	4420
10	4630	4530	4650	4610	4580	4650	4470	4250	4500	4640	4460	4440
11	4480	4490	4580	4580	4600	4590	4640	4260	4500	4590	4350	4550
12	4530	4660	4650	4590	4610	4500	4600	4600	4500	4230	4510	4500
13	4430	4620	4610	4590	4640	4610	4640	4600	4350	4480	4440	4610
14	4510	4680	4620	4480	4550	4600	4500	4550	4210	4540	4420	4500
15	4580	4660	4590	4410	4600	4660	4550	4320	4550	4550	4470	4550
16	4600	4620	4660	4630	4600	4600	4320	4550	4500	4560	4550	4570
17	4540	4520	4480	4620	4600	4470	4440	4500	4260	3890	4620	4520
18	4560	4300	4660	4610	4620	4390	4440	4510	4370	4610	4650	4220
19	4610	4560	4610	4650	4610	4640	4360	4460	4600	4540	4500	4300
20	4500	4620	4620	4640	4590	4360	4600	4420	4540	4400	4590	4410
21	4690	4630	4600	4640	4600	4320	4550	4590	4310	4670	4620	4440
22	4490	4550	4560	4600	4550	4460	4600	4625	4570	4500	4510	4530
23	4560	4620	4610	4610	4640	4550	4620	4540	4630	4580	4400	4410
24	4430	4640	4630	4650	4530	4490	4560	4430	4620	4170	4440	4540
25	4660	4680	4640	4650	4530	4470	4580	4410	4460	4570	4590	4560
26	4480	4560	4620	4620	4470	4640	4520	4360	4600	4530	4550	4500
27	4620	4640	4640	4650	4600	4680	4520	4520	4630	4640	4590	4590
28	4510	4660	4660	4610	4600	4480	4370	4550	4530	4460	4460	4530
29	4510	4630	4720	4670	4560	4540	4450	4350	4580	4570	4410	4480
30	4680	4600	4560	4610	-----	4260	4390	3860	4530	4500	4390	4350
31	4480	-----	4600	4500	-----	4500	-----	4480	-----	4320	4520	-----

DISCHARGE IN SECOND-FEET OF NORTH PLATTE RIVER PASSING  
TRI-STATE DAM--Water Year Ending September 30, 1960

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	212	363	8	5	8	195	1
2	221	351	8	6	7	150	1
3	230	331	8	6	5	132	2
4	241	316	8	5	5	117	2
5	244	305	8	4	4	113	1
6	248	298	8	5	4	95	1
7	248	291	8	4	4	94	2
8	234	287	8	4	4	87	2
9	218	175	7	5	4	88	2
10	255	127	6	6	4	88	2
11	343	72	7	6	5	107	2
12	355	14	7	4	5	140	2
13	347	11	7	3	32	177	2
14	331	10	7	2	24	164	2
15	320	9	8	2	12	167	2
16	316	9	7	2	8	130	2
17	305	9	7	2	12	136	2
18	294	8	7	2	23	109	2
19	284	8	7	3	20	66	2
20	280	5	7	32	20	4	2
21	273	6	7	47	66	2	2
22	267	7	6	7	132	2	2
23	261	8	5	4	182	2	2
24	256	8	5	2	195	3	2
25	250	8	5	2	246	19	2
26	244	8	5	2	246	31	2
27	238	8	5	3	246	15	2
28	238	8	5	4	243	4	1
29	244	8	5	5	253	3	1
30	244	8	5	28	222	2	43
31	244	-	5	-----	222	1	-----
Mean	267	103	7	7	79	79	3
Max.	355	363	8	47	253	195	43
Min.	212	5	5	2	4	1	1
A.F.	16430	6100	410	420	4880	4850	190
Total acre-feet (7-month period)							
33280 A.F.							

**KINGSLEY RESERVOIR STORAGE IN ACRE-FEET**  
Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1229800	1261000	1277900	1322000	1359500	1403200	1482400	1545000	1592700	1547800	1382400	1192100
2	1234600	1261000	1280400	1322000	1362000	1403200	1485100	1547800	1595600	1545000	1374600	1189300
3	1237000	1263400	1282400	1322000	1364500	1403200	1485100	1550600	1595600	1542200	1367000	1185600
4	1239400	1263400	1285200	1322000	1367000	1405800	1487800	1550600	1595600	1536600	1359500	1182700
5	1241800	1263400	1287700	1322000	1369500	1405800	1490500	1553400	1592700	1533800	1352000	1178600
6	1244200	1263400	1287700	1322000	1372000	1405800	1490500	1556200	1592700	1531000	1344500	1173400
7	1244200	1261000	1290200	1322000	1374600	1405800	1493200	1559000	1589800	1528300	1377000	1171100
8	1246600	1261000	1292600	1322000	1374600	1408400	1495900	1561800	1589800	1525600	1329500	1166500
9	1249000	1258600	1292600	1322000	1377200	1411000	1498600	1564100	1589800	1520200	1322000	1164200
10	1249000	1258600	1295000	1324500	1382400	1413600	1501300	1567400	1589800	1517500	1314600	1161900
11	1251400	1258600	1295500	1327000	1382400	1418800	1504000	1570200	1589800	1514800	1307300	1157300
12	1253800	1258600	1295500	1329500	1385000	1421400	1504000	1570200	1587000	1509400	1300000	1155000
13	1256200	1258600	1300000	1322000	1387600	1424000	1506700	1570200	1587000	1506700	1295000	1150400
14	1256200	1258600	1300000	1327000	1387600	1424000	1509400	1573000	1587000	1501300	1287700	1148100
15	1256200	1256200	1302400	1329500	1390200	1429300	1512100	1573000	1587000	1495900	1282800	1143500
16	1256200	1256200	1302400	1339500	1392800	1429300	1514800	1575800	1584200	1493200	1275400	1141200
17	1256200	1253800	1304800	1342000	1392800	1432000	1517500	1575800	1584200	1487800	1270600	1138900
18	1256200	1253800	1307300	1342000	1395400	1437200	1517500	1578600	1584200	1482400	1265800	1134300
19	1256200	1253800	1309800	1344500	1395400	1442600	1520200	1581400	1581400	1477000	1258600	1132000
20	1256200	1253800	1309800	1344500	1395400	1445200	1522900	1581400	1581400	1471700	1253800	1129800
21	1256200	1253800	1309800	1344500	1395400	1445000	1525600	1584200	1578600	1463800	1246600	1127500
22	1258600	1256200	1312200	1344500	1395400	1455800	1525600	1584200	1575800	1455800	1241800	1123000
23	1258600	1261000	1312200	1344500	1395400	1458400	1528300	1587000	1573000	1450500	1237000	1120800
24	1258600	1265800	1314600	1344500	1398000	1461100	1531000	1587000	1570200	1442600	1229800	1118500
25	1258600	1268200	1317100	1344500	1400600	1463800	1533800	1587000	1567400	1434600	1225000	1116200
26	1258600	1270600	1317100	1347000	1400600	1466400	1533800	1587000	1561800	1426600	1220300	1114000
27	1258600	1273000	1319600	1347000	1400600	1469000	1536600	1589800	1559000	1418800	1213200	1109500
28	1258600	1273000	1319600	1349500	1400600	1471700	1539400	1589800	1556200	1411000	1208500	1107200
29	1258600	1275400	1322000	1352000	1400600	1474400	1539400	1589800	1553400	1405800	1203800	1105000
30	1258600	1277900	1322000	1354500	-----	1477000	1542200	1592700	1550600	1398000	1199200	1102800
31	1261000	-----	1322000	1357000	-----	1479700	-----	1592700	-----	1390200	1194400	-----

**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, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13215	40715	64349	67369	59795	70248	80670	66049	37958	42965	43694	41304
2	13104	42457	64159	66754	60786	69563	79766	65091	36592	43851	43316	40146
3	12975	45017	64189	66295	61638	69356	79733	64518	35638	45168	42782	39352
4	12886	46608	64070	65941	62568	69233	79270	63547	33447	45861	42195	38843
5	12758	48290	63990	64197	63416	69310	78830	63300	32406	46680	41634	38429
6	12867	49676	64307	63723	64604	69402	78823	62554	30925	47959	41124	37498
7	13012	51517	64485	63476	65757	69710	78680	62559	29374	49200	41061	36848
8	12958	53453	64693	63051	66648	69849	78618	61877	27741	51196	41843	36154
9	13349	55226	64732	63033	67646	70341	78885	61342	26100	52527	42267	35335
10	13787	56891	64910	63212	68179	71452	78893	60344	25569	53640	42484	34405
11	14220	58436	64227	63004	68774	74176	78364	59348	24705	54339	43273	33694
12	14551	59581	64307	63174	69236	76201	77871	58324	24514	55246	44626	32779
13	15017	60322	64586	63560	69944	78290	77497	56695	24553	54846	45643	32409
14	15604	60950	64704	64597	70887	80184	77124	55467	24408	55335	45720	31558
15	16198	61539	64615	64099	71380	79787	76750	54749	24894	55994	43912	31681
16	17084	60786	64675	64243	71995	81070	76226	53387	25543	56623	42774	32085
17	17838	61003	64755	64333	72579	82482	75960	52482	26270	56337	42147	32583
18	19032	60743	64666	64218	73010	83025	76567	51509	27559	56165	42099	32562
19	20034	60239	65092	61520	72643	83983	75707	50513	29065	55971	42773	32661
20	21306	61181	65142	61164	72771	83421	74353	48608	31103	54291	43231	32743
21	22537	61439	65376	60833	72994	82804	73354	46892	32592	52912	42122	33240
22	23388	61953	66351	59287	73113	82992	72232	45795	34197	51987	40373	34011
23	25299	62815	66411	59805	73241	83569	70833	43807	36018	50487	39608	34935
24	26935	63565	65261	59096	71802	83833	70018	42388	37659	49227	39549	35429
25	28849	64519	66797	58953	70587	83730	69141	41761	38722	50077	39543	36057
26	30148	65435	67370	58522	71187	84031	68647	41135	39858	47493	40002	36774
27	31666	64499	67185	58436	70848	84455	69093	41194	40966	47330	41267	37506
28	33147	64410	67727	58031	70572	84125	68570	41700	40628	46337	40075	38545
29	35111	64439	68107	59485	70326	83653	66678	41025	40677	45739	40658	39800
30	37206	64310	67912	59320	-----	82704	66648	40109	41255	45000	41960	41090
31	38774	-----	67831	59609	-----	81878	-----	39108	-----	44286	42436	-----

DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND SOUTH PLATTE RIVERS NEAR NORTH PLATTE  
Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1580	1170	1300	1010	1340	1280	1690	1070	1270	1150	3440	1610
2	1600	1260	1320	999	1190	1230	1770	966	1260	1430	3460	1560
3	1530	1370	1310	926	1120	1170	1520	910	1170	1060	3390	1510
4	1470	1450	1140	1080	1180	1140	1520	1070	1140	1300	3370	1690
5	1440	1410	1050	1070	1150	1170	1590	1050	1180	1350	3390	1710
6	1400	1750	1020	1140	1240	1200	1680	1220	1180	1330	3570	1790
7	1300	1560	1110	1170	1230	1300	1680	1010	1210	1120	3580	1800
8	1240	1180	1070	1190	1380	1300	1620	928	1290	1100	3360	1730
9	1200	1180	1060	1190	1310	1220	1430	993	1300	1220	3230	1920
10	1120	1120	1080	1100	1180	1120	1220	996	1210	1050	3330	1920
11	1120	1080	1090	1220	1210	1180	1460	1020	1190	1170	3260	1820
12	1160	1130	1130	1160	1240	1120	1470	1060	1100	1110	2980	1960
13	1200	866	1020	1140	1140	1050	1390	1060	1320	1080	2690	1830
14	1330	1020	1120	1140	1080	1200	1390	1090	1220	1220	2630	1720
15	1390	906	1190	1120	1160	1110	1390	972	1120	1330	2720	1670
16	1480	1150	1160	1100	1210	1330	1340	1150	967	1510	2770	1540
17	1480	1170	1080	1020	1230	1500	1360	1180	1050	1460	3010	1500
18	1530	1270	1100	1280	1220	1610	1440	1300	1020	1560	2950	1460
19	1570	1320	1110	1220	1090	1710	1410	1320	903	1830	2700	1540
20	1560	1400	1080	1260	972	1720	1350	1170	931	2090	2480	1560
21	1320	1340	1100	1280	847	2430	1360	1440	1070	2300	2430	1440
22	1170	1250	1070	1300	889	3240	1370	1360	969	2700	2680	1270
23	1030	1260	1060	1290	925	2810	1330	1350	953	2920	2720	1380
24	960	1010	1060	1230	1070	2430	1260	1280	1040	3110	2580	1460
25	847	1020	1020	1360	1040	2040	1220	1190	1110	3260	2580	1340
26	704	1100	1060	1470	1210	1960	1090	1160	982	3390	2290	1330
27	1040	1180	1100	1450	1270	1740	1160	1180	1080	3520	2220	1330
28	1110	1080	622	1450	1140	1960	1240	1350	1270	3450	2290	1270
29	1260	1030	933	1430	1280	1870	1260	1340	1080	3450	2300	1210
30	1420	1200	1070	1480	-----	1740	1200	1390	1110	3420	2160	1200
31	1340	-----	1100	1290	-----	1640	-----	1370	-----	3450	1670	-----
Mean	1287	1208	1088	1212	1157	1597	1407	1160	1125	1982	2846	1569
Max.	1600	1750	1320	1480	1380	3240	1770	1440	1320	3520	3580	1960
Min.	704	866	622	926	847	1050	1090	910	903	1050	1670	1200
A.F.	79140	71870	66910	74510	66530	98220	83720	71300	66950	121860	175000	93360
Total acre-feet	1069370 A.F.											

DISCHARGE IN SECOND-FEET OF PLATTE RIVER BELOW TRI-COUNTY DIVERSION DAM--Sec. 10-13-29 W.  
Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	99	93	73	1350	47
2	69	71	67	1270	43
3	65	49	63	1420	41
4	67	41	47	1470	41
5	67	39	57	1400	41
6	87	41	67	1440	51
7	96	71	55	1420	43
8	87	71	75	1300	45
9	75	55	65	1100	67
10	65	71	53	1280	57
11	65	61	51	1250	49
12	61	49	65	1060	51
13	63	112	55	815	67
14	61	108	43	625	49
15	63	84	65	552	45
16	63	96	57	700	63
17	71	71	51	755	47
18	69	59	49	860	43
19	71	55	78	662	37
20	75	61	165	492	55
21	75	108	212	417	43
22	93	84	492	516	37
23	105	63	625	564	61
24	53	73	830	390	43
25	93	59	1080	350	47
26	84	49	1200	223	45
27	99	47	1200	175	65
28	112	75	1120	175	51
29	119	75	1340	165	49
30	116	61	1350	119	67
31	116	---	1390	61	---
Mean	82	68	392	786	50
Max.	119	112	1390	1470	67
Min.	61	39	43	61	37
A.F.	5040	4070	24080	48350	2960
Total acre-feet (5 mo. period)	84500 A.F.				

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR NIM CREEK  
Sec. 33-9-18 W.--Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	1	1	66	11	1
2	5	4	62	4	0
3	3	2	43	7	0
4	3	0	51	14	0
5	4	1	47	14	3
6	4	8	33	9	3
7	4	3	28	3	0
8	5	2	39	2	3
9	6	9	29	0	1
10	7	8	21	4	2
11	6	45	29	21	3
12	5	74	26	22	4
13	4	169	21	22	8
14	4	119	20	0	10
15	3	50	71	16	13
16	4	45	37	16	14
17	3	48	26	17	14
18	1	83	18	11	15
19	3	58	18	6	13
20	2	40	14	6	10
21	1	121	14	7	8
22	1	95	23	9	10
23	25	117	21	8	10
24	19	70	14	6	114
25	16	62	13	0	108
26	17	68	5	0	27
27	8	71	0	0	15
28	9	74	12	13	9
29	4	82	7	8	8
30	5	70	5	5	8
31	2	---	9	1	---
Mean	6	53	27	8	14
Max.	25	169	71	22	114
Min.	1	0	0	0	0
A.F.	360	3170	1630	520	860



DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER  
 Sec. 11-18-48 W.—Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	12	6	3	3	5
2	10	6	2	2	6
3	11	5	2	2	3
4	12	4	2	2	2
5	12	4	5	3	2
6	14	3	5	2	2
7	13	5	5	3	2
8	13	2	3	2	2
9	13	4	3	2	2
10	12	5	3	2	2
11	12	4	2	2	2
12	12	11	2	2	2
13	11	12	2	2	2
14	10	3	2	2	2
15	4	3	2	2	2
16	3	3	2	2	2
17	3	2	2	14	2
18	7	2	5	12	2
19	6	3	2	2	5
20	5	4	2	2	5
21	6	2	2	2	4
22	5	2	2	2	5
23	7	2	2	2	5
24	7	2	2	2	4
25	11	2	3	8	4
26	19	3	2	21	4
27	8	2	5	18	4
28	7	2	2	17	26
29	8	3	3	18	25
30	7	2	3	13	21
31	7	-	3	12	-
Mean	9	4	3	6	5
Max.	19	12	5	21	26
Min.	3	2	2	2	2
A.F.	570	220	170	360	310

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN  
 Sec. 6-20-52 W.—Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	2	10	10	4	7
2	1	19	7	4	8
3	3	10	7	3	8
4	1	9	5	4	8
5	2	9	7	3	10
6	3	9	8	3	10
7	3	12	7	3	10
8	3	16	6	3	10
9	3	21	7	4	16
10	3	20	5	3	16
11	8	21	5	3	18
12	14	22	3	3	18
13	14	22	5	3	16
14	12	23	4	3	17
15	8	19	3	4	17
16	11	19	4	4	16
17	11	19	3	5	16
18	15	16	3	5	16
19	17	11	3	5	16
20	18	15	3	5	15
21	19	14	6	7	15
22	18	17	3	7	14
23	13	15	4	5	15
24	14	9	4	4	15
25	18	11	4	5	15
26	13	13	3	8	17
27	14	14	3	8	17
28	13	11	3	8	22
29	16	9	2	8	21
30	16	9	4	7	19
31	15	-	4	7	-
Mean	10	15	5	5	15
Max.	19	23	10	8	22
Min.	1	9	2	3	7
A.F.	630	880	290	290	870

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO  
 Sec. 34-18-46 W.—Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	4	3	2	0	0
2	4	2	2	0	0
3	4	2	2	0	0
4	4	2	2	0	0
5	4	2	2	0	0
6	5	2	2	0	0
7	4	2	2	0	0
8	4	3	0	0	0
9	4	3	0	0	0
10	4	3	0	0	0
11	4	3	0	0	0
12	4	3	0	0	0
13	4	3	0	0	0
14	4	3	0	0	0
15	4	3	0	0	0
16	4	3	0	0	0
17	4	3	0	0	0
18	4	3	0	0	0
19	4	3	0	0	0
20	4	3	0	0	0
21	4	3	0	0	0
22	4	3	0	0	0
23	4	3	0	0	0
24	4	3	0	0	0
25	4	3	0	0	0
26	4	3	1	0	0
27	4	3	1	0	0
28	4	3	1	0	0
29	4	3	1	0	0
30	3	3	1	0	0
31	3	-	1	0	-
Mean	4	3	1	0	0
Max.	5	3	2	0	0
Min.	3	2	0	0	0
A.F.	240	170	40	0	0

**CRESCENT LAKE STORAGE IN ACRE-FEET**  
**Head of Blue Creek--Sec. 21-20-44 W.**

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	1600	---	---	---
2	---	---	---	---	---	---	---	---	1600	---	460	---
3	---	---	---	---	---	---	---	1550	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	1460	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	480	---	---	---	---	1400	---	---	---	---	380	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	1240	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	460	---	---	---	---	---	---	---	---	---	---	---
15	460	---	---	---	---	---	---	---	1520	---	---	---
16	---	---	---	---	---	---	---	---	---	---	210	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	1680	---	---	---	---
19	---	---	---	---	---	---	---	---	---	840	---	---
20	---	---	---	---	---	---	1550	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	340	---
24	---	610	---	---	---	---	---	---	---	---	---	---
25	---	620	---	---	---	---	1490	---	---	---	---	---
26	---	---	---	---	1270	---	---	---	---	570	---	---
27	---	---	---	---	---	---	---	---	---	---	---	40
28	---	---	---	---	---	---	---	---	1370	---	---	---
29	---	---	---	---	---	---	---	---	1330	560	---	---
30	---	790	790	---	---	1520	---	---	---	---	---	40
31	---	---	---	---	---	---	---	---	---	---	190	---

**DISCHARGE IN SECOND-FEET OF DAMSON COUNTY DRAIN NO. 2**  
**Sec. 25-10-23 W.-Water Year Ending September 30, 1960**

Date	May	June	July	Aug.	Sept.
1	8	4	7	13	9
2	8	4	7	14	9
3	8	4	7	15	9
4	7	4	7	18	10
5	17	4	7	17	10
6	8	4	7	17	9
7	8	4	7	16	8
8	8	5	7	19	9
9	7	4	7	14	9
10	7	4	7	14	9
11	7	4	7	14	8
12	7	4	7	12	8
13	7	4	6	12	7
14	7	4	7	12	6
15	6	5	7	12	6
16	6	7	7	13	6
17	6	5	7	18	7
18	6	8	7	15	5
19	7	5	7	16	6
20	6	29	8	14	5
21	6	20	10	14	29
22	6	10	9	13	9
23	6	9	10	15	10
24	6	9	10	16	8
25	6	8	12	10	8
26	6	8	13	9	7
27	6	8	13	10	7
28	6	8	14	10	7
29	6	8	14	9	7
30	5	8	15	9	6
31	4	-	13	10	-
Mean	7	7	9	14	8
Max.	17	29	15	19	29
Min.	4	4	6	9	5
A.T.	420	420	540	830	500

**DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER**  
**NEAR NORTHPORT--Sec. 20-20-50 W.**  
**Water Year Ending September 30, 1960**

Date	May	June	July	Aug.	Sept.
1	1	1	4	5	9
2	1	1	4	10	10
3	1	1	2	10	8
4	1	1	2	11	8
5	2	1	6	11	9
6	1	1	5	6	11
7	2	1	5	4	10
8	2	1	5	4	11
9	1	1	4	10	16
10	1	1	2	13	16
11	1	1	2	12	16
12	1	1	2	9	16
13	1	1	3	12	15
14	1	3	3	11	16
15	1	2	3	8	14
16	2	3	10	7	14
17	1	4	8	7	14
18	1	5	6	9	13
19	1	2	3	14	14
20	1	2	4	17	16
21	1	2	3	13	19
22	1	2	4	11	15
23	1	3	5	11	18
24	1	3	6	12	12
25	1	2	7	26	12
26	1	1	5	8	11
27	1	1	6	16	11
28	1	1	7	7	10
29	1	2	4	9	10
30	1	2	6	9	9
31	1	-	7	9	-
Mean	1	2	5	10	13
Max.	2	5	10	26	19
Min.	1	1	2	4	8
A.T.	70	110	280	640	760

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT NELIGH  
 Sec. 20-25-6 W.--Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	180	212
2	---	---	---	---	---	---	---	---	---	---	180	176
3	---	---	---	---	---	---	---	---	---	---	180	169
4	---	---	---	---	---	---	---	---	---	---	180	163
5	---	---	---	---	---	---	---	---	---	---	180	156
6	---	---	---	---	---	---	---	---	---	---	180	144
7	---	---	---	---	---	---	---	---	---	---	180	139
8	---	---	---	---	---	---	---	---	---	---	169	165
9	---	---	---	---	---	---	---	---	---	---	171	189
10	---	---	---	---	---	---	---	---	---	---	163	180
11	---	---	---	---	---	---	---	---	---	---	156	180
12	---	---	---	---	---	---	---	---	---	---	150	169
13	---	---	---	---	---	---	---	---	---	---	144	165
14	---	---	---	---	---	---	---	---	---	---	137	163
15	---	---	---	---	---	---	---	---	---	---	135	160
16	---	---	---	---	---	---	---	---	---	---	126	158
17	---	---	---	---	---	---	---	---	---	---	131	165
18	---	---	---	---	---	---	---	---	---	---	142	176
19	---	---	---	---	---	---	---	---	---	---	144	173
20	---	---	---	---	---	---	---	---	---	---	142	165
21	---	---	---	---	---	---	---	---	---	---	137	167
22	---	---	---	---	---	---	---	---	---	---	131	158
23	---	---	---	---	---	---	---	---	---	---	127	169
24	---	---	---	---	---	---	---	---	---	---	127	180
25	---	---	---	---	---	---	---	---	---	---	129	176
26	---	---	---	---	---	---	---	---	---	---	124	171
27	---	---	---	---	---	---	---	---	---	---	124	176
28	---	---	---	---	---	---	---	---	---	---	176	163
29	---	---	---	---	---	---	---	---	---	---	274	156
30	---	---	---	---	---	---	---	---	---	---	272	150
31	---	---	---	---	---	---	---	---	---	---	242	---
Mean	---	---	---	---	---	---	---	---	---	---	162	168
Max.	---	---	---	---	---	---	---	---	---	---	274	212
Min.	---	---	---	---	---	---	---	---	---	---	124	139
A.F.	---	---	---	---	---	---	---	---	---	---	9980	9980

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER AT MEADOW GROVE  
 Sec. 24-24-4 W.--Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	274
2	---	---	---	---	---	---	---	---	---	---	---	257
3	---	---	---	---	---	---	---	---	---	---	---	225
4	---	---	---	---	---	---	---	---	---	---	---	219
5	---	---	---	---	---	---	---	---	---	---	---	201
6	---	---	---	---	---	---	---	---	---	---	---	193
7	---	---	---	---	---	---	---	---	---	---	---	184
8	---	---	---	---	---	---	---	---	---	---	---	184
9	---	---	---	---	---	---	---	---	---	---	---	216
10	---	---	---	---	---	---	---	---	---	---	---	222
11	---	---	---	---	---	---	---	---	---	---	---	222
12	---	---	---	---	---	---	---	---	---	---	---	210
13	---	---	---	---	---	---	---	---	---	---	---	207
14	---	---	---	---	---	---	---	---	---	---	---	207
15	---	---	---	---	---	---	---	---	---	---	---	207
16	---	---	---	---	---	---	---	---	---	---	---	207
17	---	---	---	---	---	---	---	---	---	---	---	207
18	---	---	---	---	---	---	---	---	---	---	---	213
19	---	---	---	---	---	---	---	---	---	---	---	216
20	---	---	---	---	---	---	---	---	---	---	---	207
21	---	---	---	---	---	---	---	---	---	---	---	207
22	---	---	---	---	---	---	---	---	---	---	---	204
23	---	---	---	---	---	---	---	---	---	---	---	201
24	---	---	---	---	---	---	---	---	---	---	---	213
25	---	---	---	---	---	---	---	---	---	---	---	210
26	---	---	---	---	---	---	---	---	---	---	---	204
27	---	---	---	---	---	---	---	---	---	---	---	204
28	---	---	---	---	---	---	---	---	---	---	---	198
29	---	---	---	---	---	---	---	---	---	---	---	193
30	---	---	---	---	---	---	---	---	---	---	---	190
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	210
Max.	---	---	---	---	---	---	---	---	---	---	---	274
Min.	---	---	---	---	---	---	---	---	---	---	---	184
A.F.	---	---	---	---	---	---	---	---	---	---	---	12500

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER, NORTH FORK, NEAR PIERCE  
 Sec. 31-26-1 W.--Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	35	308
2	---	---	---	---	---	---	---	---	---	---	35	137
3	---	---	---	---	---	---	---	---	---	---	35	109
4	---	---	---	---	---	---	---	---	---	---	35	86
5	---	---	---	---	---	---	---	---	---	---	35	80
6	---	---	---	---	---	---	---	---	---	---	35	70
7	---	---	---	---	---	---	---	---	---	---	35	60
8	---	---	---	---	---	---	---	---	---	---	35	70
9	---	---	---	---	---	---	---	---	---	---	35	60
10	---	---	---	---	---	---	---	---	---	---	35	50
11	---	---	---	---	---	---	---	---	---	---	40	50
12	---	---	---	---	---	---	---	---	---	---	40	50
13	---	---	---	---	---	---	---	---	---	---	40	60
14	---	---	---	---	---	---	---	---	---	---	40	60
15	---	---	---	---	---	---	---	---	---	---	40	50
16	---	---	---	---	---	---	---	---	---	---	40	50
17	---	---	---	---	---	---	---	---	---	---	40	90
18	---	---	---	---	---	---	---	---	---	---	40	80
19	---	---	---	---	---	---	---	---	---	---	61	70
20	---	---	---	---	---	---	---	---	---	---	60	60
21	---	---	---	---	---	---	---	---	---	---	53	50
22	---	---	---	---	---	---	---	---	---	---	52	40
23	---	---	---	---	---	---	---	---	---	---	58	40
24	---	---	---	---	---	---	---	---	---	---	138	40
25	---	---	---	---	---	---	---	---	---	---	107	50
26	---	---	---	---	---	---	---	---	---	---	121	50
27	---	---	---	---	---	---	---	---	---	---	86	60
28	---	---	---	---	---	---	---	---	---	---	468	50
29	---	---	---	---	---	---	---	---	---	---	1060	32
30	---	---	---	---	---	---	---	---	---	---	1380	34
31	---	---	---	---	---	---	---	---	---	---	1120	--
Mean	---	---	---	---	---	---	---	---	---	---	175	70
Max.	---	---	---	---	---	---	---	---	---	---	1380	308
Min.	---	---	---	---	---	---	---	---	---	---	35	32
A.F.	---	---	---	---	---	---	---	---	---	---	10780	4160

DISCHARGE IN SECOND-FEET OF ELKHORN RIVER, SOUTH FORK, AT EWING  
 Sec. 2-26-9 W.--Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	40	33
2	---	---	---	---	---	---	---	---	---	---	40	30
3	---	---	---	---	---	---	---	---	---	---	40	30
4	---	---	---	---	---	---	---	---	---	---	40	30
5	---	---	---	---	---	---	---	---	---	---	40	28
6	---	---	---	---	---	---	---	---	---	---	35	28
7	---	---	---	---	---	---	---	---	---	---	35	30
8	---	---	---	---	---	---	---	---	---	---	35	60
9	---	---	---	---	---	---	---	---	---	---	35	52
10	---	---	---	---	---	---	---	---	---	---	35	44
11	---	---	---	---	---	---	---	---	---	---	31	40
12	---	---	---	---	---	---	---	---	---	---	31	42
13	---	---	---	---	---	---	---	---	---	---	31	44
14	---	---	---	---	---	---	---	---	---	---	31	44
15	---	---	---	---	---	---	---	---	---	---	31	42
16	---	---	---	---	---	---	---	---	---	---	30	38
17	---	---	---	---	---	---	---	---	---	---	30	42
18	---	---	---	---	---	---	---	---	---	---	30	50
19	---	---	---	---	---	---	---	---	---	---	30	44
20	---	---	---	---	---	---	---	---	---	---	30	42
21	---	---	---	---	---	---	---	---	---	---	28	42
22	---	---	---	---	---	---	---	---	---	---	27	36
23	---	---	---	---	---	---	---	---	---	---	25	40
24	---	---	---	---	---	---	---	---	---	---	27	38
25	---	---	---	---	---	---	---	---	---	---	27	33
26	---	---	---	---	---	---	---	---	---	---	24	28
27	---	---	---	---	---	---	---	---	---	---	24	28
28	---	---	---	---	---	---	---	---	---	---	62	30
29	---	---	---	---	---	---	---	---	---	---	52	31
30	---	---	---	---	---	---	---	---	---	---	48	28
31	---	---	---	---	---	---	---	---	---	---	38	--
Mean	---	---	---	---	---	---	---	---	---	---	34	38
Max.	---	---	---	---	---	---	---	---	---	---	62	60
Min.	---	---	---	---	---	---	---	---	---	---	24	28
A.F.	---	---	---	---	---	---	---	---	---	---	2110	2240

DISCHARGE IN SECOND-FEET OF ELM CREEK  
 Sec. 33-9-18 W.—Water Year Ending September 30, 1960

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	11	0	0
6	0	0	15	0	0
7	0	0	18	0	0
8	0	0	7	0	0
9	0	0	0	0	0
10	0	0	4	0	1
11	0	5	7	0	3
12	0	9	30	0	5
13	0	5	52	0	11
14	0	0	11	0	12
15	0	56	1	0	13
16	0	134	0	0	10
17	0	34	12	0	8
18	0	26	2	0	4
19	0	14	17	0	11
20	0	55	17	0	11
21	0	28	20	0	10
22	0	59	14	0	10
23	0	24	14	0	7
24	0	14	8	0	0
25	0	12	8	0	4
26	0	3	3	0	9
27	0	0	0	0	2
28	0	0	0	0	1
29	0	0	0	0	0
30	0	0	0	0	8
31	0	-	0	0	-
Mean	0	16	9	0	5
Max.	0	134	52	0	13
Min.	0	0	0	0	0
A.F.	0	950	540	0	280

DISCHARGE IN SECOND-FEET OF FREDMONT SLOUGH INTO  
 SUTHERLAND POWER RETURN—Sec. 16-13-30 W.  
 Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	33	26	28	19	19
2	30	26	26	19	18
3	28	26	26	15	18
4	28	26	28	21	18
5	31	25	29	20	18
6	33	25	28	20	18
7	31	25	28	22	17
8	31	26	28	22	17
9	28	28	28	21	18
10	28	26	28	21	18
11	28	28	28	21	18
12	28	28	28	24	18
13	28	33	28	24	18
14	27	31	28	24	18
15	26	28	27	22	18
16	27	32	27	20	18
17	27	30	27	20	19
18	29	28	26	21	19
19	29	27	26	22	18
20	30	28	26	22	18
21	28	39	26	22	19
22	28	30	26	21	18
23	26	30	24	20	20
24	26	27	24	20	19
25	26	26	22	20	19
26	25	25	20	20	19
27	25	26	20	20	18
28	28	26	20	20	20
29	33	26	20	20	22
30	28	31	19	20	21
31	26	-	19	20	-
Mean	28	28	25	21	19
Max.	33	39	29	24	22
Min.	26	25	19	15	17
A.F.	1740	1660	1560	1280	1100

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORFOLK  
 Sec. 19-20-50 W.—Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	17	10	7	12	5
2	16	6	9	6	6
3	16	5	6	4	8
4	16	3	9	4	11
5	17	2	13	4	12
6	17	3	6	8	10
7	14	4	7	8	10
8	11	3	6	7	11
9	10	4	5	10	12
10	10	5	6	10	15
11	10	4	6	8	13
12	10	4	8	8	13
13	11	4	8	6	12
14	10	12	8	4	13
15	14	12	8	10	14
16	15	7	6	7	13
17	11	7	5	9	16
18	16	8	4	12	16
19	14	11	6	8	18
20	16	10	6	6	16
21	12	14	7	6	11
22	13	12	8	7	10
23	12	13	9	6	19
24	7	9	4	8	21
25	9	12	6	13	22
26	13	9	5	10	22
27	13	7	5	9	21
28	17	7	7	7	21
29	9	7	6	4	21
30	8	7	6	4	22
31	9	-	12	5	-
Mean	13	7	7	7	14
Max.	17	14	13	13	22
Min.	7	2	4	4	5
A.F.	780	440	420	460	860

OLIVER RESERVOIR STORAGE IN ACRE-FEET  
From Lodgepole Creek--Sec. 36-15-57 W.  
Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	----	----	----	----	----	----	----	----	4470	----	----
2	----	----	----	----	----	----	----	----	----	----	----	----
3	----	----	2550	----	----	----	----	----	4690	----	----	----
4	----	----	----	----	----	----	----	----	----	----	----	----
5	----	----	----	----	3340	----	----	----	----	----	2460	----
6	----	----	----	----	----	----	----	4370	----	----	----	----
7	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	----	4160	----	----	4660	----	----
9	1600	----	----	----	----	----	----	----	----	----	----	1060
10	----	----	2640	----	----	----	----	----	4700	----	----	----
11	----	----	----	----	3450	----	----	----	----	----	----	----
12	----	----	----	----	----	----	----	----	----	----	2000	----
13	----	----	----	----	----	----	----	4420	----	----	----	----
14	----	----	----	----	----	----	4200	----	----	----	----	----
15	----	----	----	----	----	----	----	----	----	4240	----	----
16	1770	----	----	----	----	----	----	----	----	----	----	1200
17	----	----	2730	----	----	3970	----	----	4700	----	----	----
18	----	2330	----	----	----	----	----	----	----	----	----	----
19	----	----	----	----	3500	----	----	----	----	----	1770	----
20	----	----	----	----	----	----	----	4620	----	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----
22	----	----	----	----	----	----	4230	----	----	3590	----	----
23	1910	----	2830	----	----	----	----	----	----	----	----	1350
24	----	----	----	----	----	----	----	----	4830	----	----	----
25	----	----	----	----	----	4070	----	----	----	----	----	----
26	----	----	----	----	----	----	----	----	----	1410	----	----
27	----	2460	----	----	----	----	----	4680	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	----	----	----	----	----	3010	----	----
30	----	----	----	----	----	----	----	----	----	----	----	1440
31	----	----	2930	----	----	----	----	----	----	----	----	----

DISCHARGE IN SECOND-YEST OF LODGEPOLE CREEK  
BELOW OLIVER RESERVOIR AND NEW BUTTNER DIVERSION DAM  
Sec. 31-15-56 W.—Water Year Ending September 30, 1960

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

DISCHARGE IN SECOND-YEST OF LODGEPOLE CREEK  
ABOVE BENNETT RESERVOIR--Sec. 29-15-55 W.  
Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	4	1	0	0	0
2	4	1	0	0	0
3	4	1	0	0	0
4	4	0	0	0	0
5	4	0	0	0	0
6	8	0	0	0	0
7	7	0	16	0	0
8	7	0	2	0	0
9	6	0	13	0	0
10	6	0	1	0	0
11	6	0	1	0	0
12	6	0	1	0	0
13	6	0	0	0	0
14	7	0	0	0	0
15	7	0	0	0	0
16	11	0	0	0	0
17	6	0	0	0	0
18	5	0	0	0	0
19	2	0	0	0	0
20	2	0	0	0	0
21	4	59	0	0	0
22	6	8	0	0	0
23	10	2	0	0	6
24	6	2	0	0	0
25	5	0	0	0	1
26	3	0	0	0	2
27	3	0	0	0	3
28	7	0	0	0	3
29	1	0	0	0	2
30	1	0	0	0	3
31	1	-	0	0	-
Mean	5	2	1	0	1
Max.	11	59	16	0	6
Min.	1	0	0	0	0
A.F.	320	150	70	0	40

BENNETT RESERVOIR STORAGE IN ACRES-FeET  
 A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.  
 Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	690	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	690	---	---	---	---	---	770	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	750	---	---	---	---	---	410	---
6	---	---	---	---	---	---	---	910	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	680	---	---	870	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	720	---	---	---	---	---	530	---	---	---
11	---	---	---	---	800	830	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	380	---
13	---	---	---	---	---	---	---	960	---	---	---	---
14	---	---	---	---	---	---	900	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	590	---	---
16	---	---	---	---	---	---	---	---	---	---	---	0
17	---	---	---	---	---	860	---	---	---	---	---	---
18	---	490	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	250	---
20	---	---	---	---	---	---	---	920	---	---	---	---
21	---	---	---	740	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	410	---	750	---	---	---	900	---	---	460	---	0
24	---	---	---	---	---	---	---	---	800	---	---	---
25	---	---	---	---	---	930	---	---	---	---	---	---
26	---	---	---	---	830	---	---	---	---	---	---	---
27	---	680	---	---	---	---	---	900	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	380	---	---
30	---	---	---	---	---	---	---	---	---	---	---	0
31	---	---	760	---	---	---	---	---	---	---	---	---

DISCHARGE IN SECOND-FeET OF LODGEPOLE CREEK  
 BELOW BENNETT RESERVOIR--Sec. 22-15-55 W.  
 Water Year Ending September 30, 1960

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	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	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	2
24	0	0	0	0	0
25	0	0	0	0	0
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	3
31	0	0	0	0	0
Mean	0	0	0	0	0
Max.	1	0	0	0	3
Min.	0	0	0	0	0
A.Y.	30	0	0	0	30

DISCHARGE IN SECOND-FEET OF LOUP RIVER, MIDDLE, NEAR MILBURN  
 Sec. 15-21-22 W.—Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	652	700
2	---	---	---	---	---	---	---	---	---	---	680	700
3	---	---	---	---	---	---	---	---	---	---	690	614
4	---	---	---	---	---	---	---	---	---	---	742	652
5	---	---	---	---	---	---	---	---	---	---	755	662
6	---	---	---	---	---	---	---	---	---	---	770	671
7	---	---	---	---	---	---	---	---	---	---	780	690
8	---	---	---	---	---	---	---	---	---	---	795	700
9	---	---	---	---	---	---	---	---	---	---	764	690
10	---	---	---	---	---	---	---	---	---	---	774	700
11	---	---	---	---	---	---	---	---	---	---	764	700
12	---	---	---	---	---	---	---	---	---	---	742	690
13	---	---	---	---	---	---	---	---	---	---	742	680
14	---	---	---	---	---	---	---	---	---	---	711	671
15	---	---	---	---	---	---	---	---	---	---	690	680
16	---	---	---	---	---	---	---	---	---	---	671	652
17	---	---	---	---	---	---	---	---	---	---	784	671
18	---	---	---	---	---	---	---	---	---	732	774	690
19	---	---	---	---	---	---	---	---	---	722	722	711
20	---	---	---	---	---	---	---	---	---	690	732	680
21	---	---	---	---	---	---	---	---	---	690	732	690
22	---	---	---	---	---	---	---	---	---	680	722	700
23	---	---	---	---	---	---	---	---	---	690	690	700
24	---	---	---	---	---	---	---	---	---	671	690	700
25	---	---	---	---	---	---	---	---	---	671	722	690
26	---	---	---	---	---	---	---	---	---	700	722	722
27	---	---	---	---	---	---	---	---	---	690	753	722
28	---	---	---	---	---	---	---	---	---	700	753	700
29	---	---	---	---	---	---	---	---	---	711	722	642
30	---	---	---	---	---	---	---	---	---	680	700	595
31	---	---	---	---	---	---	---	---	---	671	671	---
Mean	---	---	---	---	---	---	---	---	---	---	729	682
Max.	---	---	---	---	---	---	---	---	---	---	795	722
Min.	---	---	---	---	---	---	---	---	---	---	652	595
A.F.	---	---	---	---	---	---	---	---	---	---	44850	40590

BOX BUTTE RESERVOIR STORAGE IN ACRES-FEET  
 From Niobrara River—Sec. 28-29-49 W.  
 Live Storage for Irrigation  
 Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	7410	---	---	---	---	---	---	---	---	---	12760	8170
2	---	---	---	---	---	---	---	---	---	---	12340	7950
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	25400	---	11660	7500
5	---	---	---	---	---	---	---	---	---	---	11260	---
6	---	---	---	---	---	---	---	---	---	21230	---	---
7	---	---	---	---	---	---	---	---	---	---	10800	6770
8	---	---	---	---	---	---	---	---	---	20440	10450	6700
9	---	---	---	14090	---	---	---	---	---	---	10240	---
10	---	---	---	---	---	18700	23400	---	24490	---	10120	---
11	---	---	---	---	---	---	---	25220	---	20370	9970	6410
12	---	---	---	---	---	---	---	---	---	---	9800	6380
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	6270
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	23720	---	---	16610	9010	---
18	---	---	---	---	---	---	---	---	---	---	8680	5900
19	---	---	---	---	---	---	---	---	---	---	8550	5780
20	---	10310	---	14650	---	21020	23900	25350	---	15930	---	5600
21	---	---	---	---	---	---	---	---	---	---	8280	5320
22	8630	---	---	---	17230	---	---	---	---	14700	---	---
23	---	---	---	---	---	---	---	---	---	---	7730	4780
24	8710	---	---	---	---	---	---	---	---	---	---	4710
25	---	---	---	---	---	---	---	---	---	14040	---	---
26	---	---	---	---	---	---	---	25530	---	---	---	---
27	---	---	---	---	---	22150	---	---	---	13800	---	---
28	---	---	---	---	17680	---	---	---	21710	---	8700	---
29	---	10890	---	15200	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	24520	25530	21680	13390	---	5000
31	9080	---	---	---	---	---	---	---	---	13060	---	---



DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR  
MELBETA--Sec. 13-21-54 W.  
Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	2	1	3	0	2
2	1	2	3	0	2
3	1	1	2	0	1
4	1	1	2	0	1
5	2	1	4	0	0
6	2	1	4	2	0
7	1	7	4	1	0
8	1	13	4	2	0
9	1	9	4	1	0
10	1	7	3	1	0
11	1	5	5	3	0
12	1	5	3	3	0
13	1	5	2	1	0
14	1	5	1	1	0
15	1	4	0	0	0
16	1	3	2	0	0
17	1	5	0	0	0
18	1	4	1	4	0
19	1	4	2	0	0
20	1	3	1	0	0
21	7	1	2	0	0
22	2	1	2	0	0
23	2	1	2	0	0
24	1	1	2	0	0
25	3	1	2	1	0
26	1	3	2	0	0
27	2	5	4	0	0
28	1	3	1	1	1
29	1	1	2	1	1
30	1	1	1	1	1
31	1	-	1	2	-
Mean	1	3	2	2	0
Max.	7	13	5	4	2
Min.	1	1	0	0	0
A.F.	90	210	140	50	20

DISCHARGE IN SECOND-FEET OF SILVERHILL DRAIN  
NEAR BRIDGEPORT--Sec. 6-19-49 W.  
Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	4	3	19	15	11
2	4	3	12	9	7
3	3	3	3	10	7
4	4	3	4	15	7
5	4	3	4	10	7
6	4	3	19	10	7
7	4	3	21	13	28
8	4	3	18	10	41
9	4	3	24	7	22
10	4	3	21	7	7
11	4	3	6	9	13
12	4	3	7	23	16
13	4	3	6	20	8
14	4	5	4	20	8
15	3	10	4	10	7
16	4	5	22	9	11
17	3	18	15	20	12
18	4	12	18	9	11
19	3	4	12	8	16
20	3	9	15	7	11
21	3	19	15	29	29
22	4	4	5	9	20
23	4	18	8	9	15
24	4	4	4	7	7
25	4	5	17	35	16
26	4	5	10	37	32
27	4	11	10	32	7
28	4	7	16	41	6
29	4	4	15	23	16
30	4	4	10	16	16
31	4	-	10	11	-
Mean	4	6	12	16	14
Max.	4	18	24	41	41
Min.	3	3	3	7	6
A.F.	230	360	740	970	840

DISCHARGE IN SECOND-FEET OF STEVIER CREEK  
Sec. 1-8-20 W.--Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	21	20	37	18	10
2	21	18	34	13	10
3	21	16	32	14	8
4	21	16	33	12	8
5	21	15	36	11	9
6	30	14	36	11	10
7	63	15	32	12	10
8	45	15	28	17	10
9	36	17	29	18	9
10	31	17	32	16	9
11	28	48	30	18	13
12	24	52	31	19	15
13	24	49	44	17	14
14	24	42	51	15	14
15	21	44	44	13	22
16	22	67	32	13	25
17	35	142	30	13	19
18	35	49	29	15	15
19	35	73	27	16	18
20	34	77	26	16	18
21	52	84	24	18	15
22	33	69	22	16	29
23	25	68	22	13	41
24	24	58	23	11	39
25	23	52	21	13	24
26	21	48	20	12	18
27	21	43	13	12	17
28	21	41	16	11	14
29	22	38	16	10	14
30	23	36	15	12	13
31	22	-	11	12	-
Mean	28	45	28	14	16
Max.	63	142	51	19	41
Min.	21	14	11	10	8
A.F.	1740	2660	1740	870	970

DISCHARGE IN SECOND-FEET OF WHITE HORSE CREEK  
Sec. 5-13-29 W.--Water Year Ending September 30, 1960

Date	May	June	July	Aug.	Sept.
1	28	13	14	8	7
2	26	13	13	8	7
3	26	12	10	8	7
4	26	11	14	8	7
5	30	10	14	7	5
6	34	10	13	7	5
7	48	10	13	7	5
8	43	10	13	9	5
9	29	12	14	11	6
10	24	14	13	10	6
11	24	17	13	10	6
12	19	23	13	10	7
13	17	35	10	10	6
14	17	33	13	9	7
15	16	37	12	9	7
16	16	32	10	8	7
17	17	28	10	8	7
18	24	17	8	9	7
19	22	17	8	9	7
20	22	27	7	8	7
21	21	40	8	8	7
22	19	37	8	9	7
23	17	24	8	9	8
24	16	17	8	8	10
25	16	16	7	7	10
26	14	14	6	7	8
27	14	14	6	7	8
28	17	14	6	7	9
29	18	14	18	7	8
30	19	15	10	7	8
31	14	-	10	8	-
Mean	22	20	11	8	7
Max.	48	40	18	11	14
Min.	14	10	6	7	7
A.F.	1380	1160	650	510	42

WHITNEY RESERVOIR STORAGE IN ACRE-FEET  
 From White River--Sec. 34-33-51 W.  
 Water Year Ending September 30, 1960

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1												
2												
3		2930	3930					9710				
4												
5					6200							
6										10000		
7						7370	8590		10120			3290
8	2460			5140								
9					6390							
10												
11												
12												
13												
14												
15				5380								
16					6660	7800						
17			4420									
18												
19										8360	4670	
20												
21									10110			
22												
23												
24		3650				7940		10120				
25				5750	6970							
26												2670
27	2710											
28			4760									
29										7070		
30						8280						2630
31												

DISCHARGE FROM DRAINS  
1960

DISCHARGE INTO NORTH PLATTE RIVER FROM DRAINS  
 BETWEEN WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT  
 Values in Acre-feet  
 For the Water Year Ending September 30, 1960

	Oct	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	180	140	120	120	90	90	60	60	1680	270	250	190	3250
Bayard Sugar Factory Drain	2280	2720	2280	1460	1300	1390	980	90	550	40	170	1130	14390
+Cleveland Drain	160	160	130	110	120	120	70	630	880	290	290	870	3830
*DeGraw Drain	410	260	410	200	270	220	120	200	120	60	100	300	2670
+Dugout Creek, Upper	630	500	360	250	160	130	60	70	110	280	640	760	3950
*Fairfield Seep	80	20	0	0	0	0	0	140	120	100	150	70	680
*Fanning Seep	90	30	40	0	0	80	0	0	40	40	80	120	520
Gering Drain	2420	1770	1820	1570	1470	1420	1290	1410	1730	1890	2290	2290	21370
Horse Creek	4630	2290	1690	1280	1250	1200	860	1250	3080	2110	2220	3810	25670
+Indian Creek	530	390	370	310	300	260	200	780	440	420	460	860	5320
*Lane Drain	280	180	160	100	60	60	60	60	140	340	540	440	2420
+Melbeta Drain	70	80	90	80	60	60	60	90	210	140	50	20	1010
Nine Mile Drain	8330	6090	5430	4640	4090	4130	3650	4800	4710	6050	8520	9290	69730
Red Willow Drain	6410	4760	4380	3940	3170	3130	2040	2160	2800	2970	3460	4440	43660
*Scottsbluff Drain No. 1	380	240	220	120	120	100	120	180	240	400	440	520	3080
*Scottsbluff Drain No. 2	180	130	60	60	60	60	60	370	650	580	830	880	3920
Sheep Creek	6400	5500	5200	4970	4490	4270	3760	2060	180	270	230	580	37910
Spotted Tail Creek, Dry	2480	1500	1120	1200	1330	1340	1200	1530	1050	830	670	1240	15490
*Spotted Tail Creek, Wet	720	720	510	460	480	550	440	510	540	590	740	690	6950
Tub Springs	3440	2560	2190	1870	1590	1540	1740	870	620	250	240	620	17530
Winters Creek	4380	3320	2870	2710	2530	2660	2440	2130	1320	1210	2470	3560	31600
<b>Totals</b>	<b>44480</b>	<b>33360</b>	<b>29450</b>	<b>25450</b>	<b>22940</b>	<b>22810</b>	<b>19210</b>	<b>19390</b>	<b>21210</b>	<b>19130</b>	<b>24840</b>	<b>32680</b>	<b>314950</b>

\*Estimated for entire year from measurements.

+Estimated October-April, inclusive. One reading daily May-September

DIVERSIONS FROM DRAINS  
1959-1960

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

Values in Acre-feet

For Water Year Ending September 30, 1959

	Oct.	Nov.	May	June	July	Aug.	Sept.	Total
<b>Tri-State Canal from:</b>								
Akers Draw.....	0	0	0	400	710	810	760	2680
Sheep Creek.....	0	0	0	2600	4130	5220	4950	16900
Dry Spotted Tail Creek.....	0	0	0	400	730	1080	970	3180
Wet Spotted Tail Creek.....	0	0	0	730	930	1200	1970	4830
Tub Springs.....	0	0	0	810	1910	1980	1560	6260
<b>Enterprise Canal from:</b>								
Dry Spotted Tail Creek.....	0	0	0	0	0	0	0	0
Stewart & Morrill Drains.....	110	0	20	70	110	270	210	790
Wet Spotted Tail Creek.....	150	0	330	430	600	660	580	2750
Tub Springs.....	0	0	70	270	600	810	130	1880
<b>Winters Creek Canal from:</b>								
Winters Creek.....	50	0	1430	1760	4220	4870	3380	15710
<b>Alliance Canal from:</b>								
Bayard Drain.....	60	0	880	1530	1660	1570	1210	6910
Red Willow Creek.....	1590	70	600	2300	2770	3620	2130	13080
<b>Total.....</b>	<b>1960</b>	<b>70</b>	<b>3330</b>	<b>11300</b>	<b>18370</b>	<b>22090</b>	<b>17850</b>	<b>74970</b>

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

Values in Acre-feet

For Water Year Ending September 30, 1960

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
<b>Tri-State Canal from:</b>								
Akers Draw.....	0	0	0	300	670	740	550	2260
Sheep Creek.....	0	0	0	2220	4410	5330	4900	16840
Dry Spotted Tail Creek.....	0	0	0	370	1180	1520	1110	4180
Wet Spotted Tail Creek.....	0	0	0	360	630	1000	1570	3560
Tub Springs.....	0	0	0	720	1510	1680	1460	5370
<b>Enterprise Canal from:</b>								
Dry Spotted Tail Creek.....	0	0	0	0	870	1220	360	2450
Stewart & Morrill Drains.....	10	0	40	90	120	190	220	670
Wet Spotted Tail Creek.....	30	0	240	380	550	740	670	2610
Tub Springs.....	0	0	810	510	1250	1660	1530	5760
<b>Winters Creek Canal from:</b>								
Winters Creek.....	650	0	1020	1650	2750	2930	2890	11890
<b>Alliance Canal from:</b>								
Bayard Drain.....	0	160	1390	1590	1310	1360	1190	7000
Red Willow Creek.....	0	750	1940	1580	1940	2770	2750	11730
<b>Total.....</b>	<b>690</b>	<b>910</b>	<b>5440</b>	<b>9750</b>	<b>17190</b>	<b>21140</b>	<b>19200</b>	<b>74320</b>

DIVERSIONS OF CANALS  
1960

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	18	28	30	17	22
2	0	18	25	27	16	23
3	0	18	23	25	17	23
4	0	19	23	24	20	23
5	0	29	24	22	22	23
6	0	22	24	21	19	24
7	0	20	25	20	19	24
8	0	18	29	21	19	23
9	0	16	31	23	18	22
10	0	16	28	25	21	20
11	0	21	30	25	22	22
12	0	24	32	25	26	22
13	0	19	28	27	24	21
14	0	18	24	27	23	19
15	0	19	24	26	24	18
16	0	22	24	23	25	18
17	0	23	24	22	25	18
18	0	25	24	21	25	18
19	0	25	25	19	25	17
20	0	25	26	19	24	18
21	0	22	27	16	24	17
22	0	22	19	16	22	18
23	0	22	15	18	22	18
24	0	25	33	18	22	20
25	0	25	33	16	30	20
26	6	25	32	16	24	20
27	18	27	33	17	21	19
28	20	29	32	21	21	18
29	19	29	26	19	22	19
30	18	30	28	17	23	14
31	--	30	--	16	23	--
Mean	3	23	27	21	22	20
Max.	20	30	33	30	30	24
Min.	0	16	15	16	16	14
A.F.	160	1390	1590	1310	1360	1190
Water diverted	7000 A.F.			Acreage reported D-874,1035 2106		

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	22	25	30	51	47
2	0	22	22	30	53	49
3	0	25	21	30	31	48
4	0	28	20	32	31	49
5	0	33	20	31	30	47
6	0	29	21	33	26	46
7	0	25	11	31	24	47
8	0	23	28	24	29	49
9	0	24	19	26	48	52
10	0	24	23	30	51	52
11	3	23	5	30	52	51
12	9	23	0	32	54	53
13	15	22	20	32	51	51
14	18	26	31	33	50	50
15	17	31	26	36	48	44
16	16	34	29	38	51	43
17	17	36	40	33	50	43
18	20	39	41	36	49	46
19	21	41	37	38	50	47
20	19	42	42	33	48	43
21	19	39	40	33	47	46
22	19	38	40	34	47	48
23	17	38	29	26	47	46
24	20	38	36	25	49	47
25	20	41	36	23	50	49
26	24	47	26	24	50	49
27	26	44	28	41	46	45
28	26	41	29	46	42	44
29	27	31	25	27	45	47
30	23	26	26	29	48	11
31	--	25	--	34	47	--
Mean	13	32	27	32	45	46
Max.	27	47	42	46	54	53
Min.	0	22	0	23	24	11
A.F.	750	1940	1580	1940	2770	2750
Water diverted	11730 A.F.			Acreage reported D-874,1035 4022 A-1181 80 A-1432 80 A-1436 18 Total 4200		

**DAILY DIVERSIONS OF CANALS--1960**

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	1	0
12	0	0	0	1	0
13	0	0	0	1	0
14	0	0	1	0	0
15	0	0	1	1	0
16	0	0	1	1	0
17	0	0	1	1	0
18	0	0	1	1	0
19	0	0	1	1	0
20	0	0	1	1	0
21	0	0	1	1	0
22	0	0	2	1	0
23	0	0	2	1	0
24	0	0	2	1	0
25	0	0	2	1	0
26	0	0	2	0	0
27	0	0	2	0	0
28	0	0	2	0	0
29	0	0	1	0	0
30	0	0	1	0	0
31	0	0	0	0	0
Mean	0	0	1	0	0
Max.	0	0	2	1	0
Min.	0	0	0	0	0
A.F.	0	0	50	30	0
Water diverted	80 A.F.		Acreage reported D-342 55 D-344 30 A-897R 8 A-4531 50 Total 143		

**DAILY DIVERSIONS OF CANALS--1960**

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

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	25	18	108	46
2	4	0	0	18	100	49
3	2	0	0	20	100	51
4	1	0	0	24	100	49
5	1	0	0	24	100	48
6	10	0	0	24	101	52
7	6	0	0	26	103	51
8	6	0	0	30	101	48
9	6	0	0	30	85	36
10	5	0	0	32	74	28
11	5	0	0	36	59	26
12	5	0	0	47	46	25
13	5	0	0	60	44	22
14	4	0	0	68	44	22
15	3	0	0	82	53	18
16	1	0	0	84	63	12
17	0	0	0	90	72	9
18	0	16	0	99	82	9
19	0	21	0	105	82	3
20	0	14	0	117	78	0
21	0	22	0	128	77	0
22	0	21	0	129	80	0
23	0	20	0	129	79	0
24	0	23	0	130	79	0
25	0	23	0	131	76	0
26	0	23	0	132	76	0
27	0	26	13	131	75	0
28	0	23	36	122	74	0
29	0	18	28	114	68	0
30	0	29	24	105	59	0
31	0	28	--	108	51	--
Mean	2	10	4	77	77	20
Max.	10	29	36	132	108	52
Min.	0	0	0	18	44	0
A.F.	140	610	250	4750	4740	1200
Water diverted	11690 A.F.			Acreage reported A-3869DR 6272 A-6217 240 Total 6512		



DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

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

HELMONT-EMPIRE CANAL from North Platte River  
Measured through rating flume--Sec. 18-20-51 W.

Date	May	June	July	Aug.	Sept.
1	0	10	0	14	0
2	0	9	0	15	0
3	0	9	0	16	2
4	0	12	0	16	1
5	0	13	0	16	1
6	0	9	0	15	2
7	0	7	0	14	3
8	0	7	0	12	2
9	0	9	0	13	0
10	0	12	0	11	0
11	0	11	0	11	0
12	0	10	0	12	0
13	0	8	0	12	0
14	0	8	0	13	0
15	0	6	0	11	1
16	0	4	0	0	16
17	0	6	0	0	14
18	0	5	0	0	14
19	0	3	0	0	16
20	0	3	0	0	17
21	0	2	0	0	18
22	0	8	23	0	20
23	0	14	14	0	16
24	6	15	7	0	13
25	9	14	8	1	14
26	7	13	11	2	16
27	12	13	18	2	11
28	2	13	17	1	9
29	5	8	16	0	11
30	9	0	15	0	11
31	10	-	12	0	-
Mean	2	9	5	7	8
Max.	12	15	23	16	20
Min.	0	0	0	0	0
A.F.	120	520	280	410	450
Water diverted	1780 A.F.				
Pathfinder storage included	D-887				
	2080				

Date	Oct.	May	June	July	Aug.	Sept.
1	42	0	98	27	116	136
2	37	0	113	50	107	134
3	35	0	116	60	125	136
4	34	0	107	81	131	144
5	32	0	100	122	125	143
6	29	0	101	150	132	142
7	14	0	101	158	128	143
8	0	0	130	124	126	138
9	0	0	136	132	119	140
10	0	0	122	92	118	119
11	0	0	107	82	122	118
12	0	37	55	86	124	120
13	0	65	53	71	122	120
14	0	68	41	61	122	122
15	0	58	23	65	124	116
16	0	35	23	73	124	118
17	0	24	32	84	122	122
18	0	19	53	93	122	118
19	0	10	72	97	118	119
20	0	10	98	97	116	116
21	0	13	107	107	113	113
22	0	34	132	107	120	115
23	0	36	131	90	115	112
24	0	52	126	108	103	101
25	0	48	119	89	110	98
26	0	53	108	101	118	98
27	0	65	102	102	124	160
28	0	75	92	116	120	97
29	0	92	56	126	119	84
30	0	94	25	136	116	94
31	0	94	-	122	125	-
Mean	7	32	89	97	120	119
Max.	42	94	132	158	132	144
Min.	0	0	23	27	107	84
A.F.	440	1950	5280	5940	7400	7090
Water diverted	28100 A.F.					

DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

HELMONT CANAL from Cedar Creek  
Measured through rating flume--Sec. 23-18-48 W.

HELMONT SPILL into Pumpkinseed Creek  
For D-828 lands via Meredith-Anner Canal  
Measured through 12-foot weir--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	7	9	5	11
2	0	7	8	5	10
3	0	7	8	5	10
4	0	8	8	5	10
5	0	8	8	6	10
6	0	9	7	6	10
7	0	9	6	6	10
8	0	9	6	6	10
9	0	9	6	6	10
10	0	9	5	6	10
11	0	9	5	6	10
12	0	9	6	6	9
13	0	9	6	6	9
14	0	8	6	6	8
15	0	8	5	5	8
16	2	7	6	6	7
17	7	7	6	6	7
18	8	6	6	6	7
19	8	5	6	6	6
20	8	4	5	7	6
21	9	5	5	8	7
22	9	6	5	9	7
23	9	6	6	9	7
24	9	7	5	10	6
25	9	7	6	11	0
26	8	8	6	11	0
27	8	9	6	12	0
28	8	9	5	12	0
29	7	9	5	13	0
30	7	9	5	11	0
31	7	-	6	11	-
Mean	4	8	6	8	7
Max.	9	9	9	13	11
Min.	0	4	5	5	0
A.F.	250	450	370	460	410
Water diverted	1940 A.F.				

Date	May	June	July	Aug.	Sept.
1	0	6	0	0	11
2	0	2	1	0	11
3	0	2	1	0	11
4	0	1	1	0	7
5	0	1	1	1	4
6	0	1	1	1	4
7	0	1	1	1	4
8	0	1	1	1	4
9	0	8	1	1	4
10	0	10	1	1	4
11	0	16	1	1	3
12	0	10	1	0	3
13	12	5	1	0	2
14	20	1	1	0	2
15	18	0	0	0	2
16	7	0	0	0	2
17	0	0	1	0	7
18	0	0	0	0	12
19	0	11	0	1	12
20	0	6	0	1	12
21	0	18	0	1	12
22	3	18	0	1	12
23	2	2	0	1	12
24	2	1	0	1	11
25	4	1	0	2	11
26	9	1	0	6	13
27	5	1	0	6	14
28	13	1	0	9	15
29	19	1	0	10	16
30	18	0	0	11	4
31	16	-	0	10	-
Mean	5	4	0.5	2	8
Max.	20	18	1	11	16
Min.	0	0	0	0	2
A.F.	290	250	30	130	480
Water diverted	1180 A.F.				

DAILY DIVERSIONS OF CANALS--1960

BELMONT-EMPIRE CANAL  
Summary in Acre-feet--1960

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	440	1950	5280	5940	7400	7090	28100
Cedar Creek for Belmont.....	0	250	450	370	460	410	1940
Total diversion.....	440	2200	5730	6310	7860	7500	30040

Water diverted  
30040 A.F.

Acreage reported

D-828	14282
D-858	1549
A-866	75
Total	15906

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	4	4	1
2	0	2	4	4	1
3	0	4	4	4	1
4	0	2	4	4	1
5	0	2	4	0	1
6	0	2	4	0	1
7	0	2	4	0	1
8	0	2	4	0	1
9	0	2	4	0	1
10	0	3	5	0	1
11	0	2	5	0	1
12	0	2	4	0	1
13	0	2	4	0	0
14	0	2	3	0	0
15	0	2	4	0	0
16	0	2	4	0	0
17	0	3	4	0	0
18	0	3	4	0	0
19	0	3	4	0	0
20	0	3	4	0	0
21	0	3	4	0	0
22	0	3	4	0	0
23	0	3	4	0	0
24	0	4	4	0	0
25	0	4	4	0	0
26	0	4	4	2	0
27	0	4	4	2	0
28	0	4	4	2	0
29	0	4	4	2	0
30	0	4	4	2	0
31	0	-	4	2	-
Mean	0	3	4	1	0
Max.	0	4	5	4	1
Min.	0	0	3	0	0
A.F.	0	160	250	60	20
Water diverted				Acreage reported	
	490 A.F.			A- 691	86
Bennett storage included				A-1975	418
				Total	504

DAILY DIVERSIONS OF CANALS--1960

BENNETT-KAY CANAL from Niobrara River  
Measured through rating flume--Sec. 1-2E-54 W.

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	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	1
12	0	0	1	0	1
13	0	0	1	0	1
14	0	0	1	0	1
15	0	0	1	0	1
16	0	0	0	0	1
17	0	0	0	0	1
18	0	0	0	0	1
19	0	1	0	0	1
20	0	1	0	0	1
21	0	1	0	0	1
22	0	1	0	0	1
23	0	1	0	0	1
24	0	1	0	0	1
25	0	1	0	0	1
26	0	1	0	0	1
27	0	1	0	0	1
28	0	0	0	0	2
29	0	0	0	0	2
30	0	1	0	0	2
31	0	-	0	0	-
Mean	0	0	1	0	1
Max.	0	1	1	0	2
Min.	0	0	0	0	0
A.F.	0	20	30	0	50
Water diverted				Acreage reported	
	100 A.F.			A-1249	238

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	0	0	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-719	61	
			A-724		
			Total	91	

DAILY DIVERSIONS OF CANALS--1960

BIGZLOW-SEYMOUR CANAL from Niobrara River  
Measured through rating flume--Sec. 19-31-57 W.

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

DAILY DIVERSIONS OF CANALS--1960

BIRDWOOD CANAL from Birdwood Creek  
Measured through Parshall flume--Sec. 35-15-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	14	0	18	16	30	38
2	15	0	21	16	31	35
3	14	0	21	16	38	35
4	13	0	22	20	37	35
5	13	0	22	20	37	37
6	12	0	24	18	38	37
7	3	0	25	17	39	32
8	0	0	26	19	41	32
9	9	0	28	20	44	33
10	13	0	26	20	44	34
11	13	0	18	19	44	33
12	13	0	20	21	45	32
13	13	0	23	20	45	31
14	12	0	22	20	42	30
15	13	0	18	19	40	30
16	12	0	18	21	41	30
17	13	0	13	22	45	31
18	13	0	10	22	44	33
19	13	0	11	22	42	32
20	3	0	13	23	43	32
21	0	0	14	22	38	33
22	5	0	11	22	33	20
23	10	0	10	28	35	20
24	9	0	14	32	46	15
25	10	0	16	34	40	13
26	10	0	16	33	35	12
27	7	0	16	32	36	11
28	9	0	21	32	35	7
29	13	0	15	32	34	2
30	7	0	13	31	35	13
31	0	12	--	31	38	--
Mean	10	0	18	23	39	27
Max.	15	12	28	34	46	38
Min.	0	0	10	16	30	2
A.F.	600	20	1080	1430	2410	1600
Water diverted	7140 A.F.		Acreage reported			
			D-646	5287		

DAILY DIVERSIONS OF CANALS--1960

BLUE CREEK CANAL from Blue Creek and Crescent Lake  
Measured through rating flume--Sec. 33-17-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	34	0	0	31	1	37
2	35	0	0	28	0	38
3	25	0	0	32	0	41
4	16	0	0	39	0	35
5	12	0	0	30	0	33
6	9	0	0	33	19	32
7	8	0	0	34	39	33
8	9	0	5	33	31	36
9	8	0	0	31	39	37
10	7	0	2	29	32	37
11	7	0	0	33	40	36
12	6	0	10	34	41	36
13	6	0	25	34	37	35
14	6	0	28	41	41	34
15	6	0	32	40	37	33
16	6	0	28	3	28	39
17	3	0	29	0	18	42
18	0	0	34	0	5	40
19	0	0	37	0	19	39
20	0	0	42	9	3	39
21	0	0	44	21	0	36
22	0	0	38	20	0	39
23	0	0	34	19	12	46
24	0	0	34	20	30	36
25	0	0	34	19	28	31
26	0	0	34	43	28	34
27	0	0	36	0	34	35
28	0	0	37	9	37	37
29	0	0	36	28	32	38
30	0	0	32	20	37	41
31	0	0	--	3	37	--
Mean	7	0	21	23	23	37
Max.	35	0	44	43	41	46
Min.	0	0	0	0	0	31
A.F.	400	0	1250	1420	1400	2190
Water diverted	6660 A.F.		Acreage reported			
			D-785	2546		
			D-795	339		
			A-1154	30		
			Total	2915		

DAILY DIVERSIONS OF CANALS--1960

BOELJUS POWER CANAL from Middle Loup River  
Measured through power wheels--Sec. 27-13-12 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	595	363	81	0	203	59	0	505	312	322	11	386
2	588	581	180	0	218	50	0	491	545	531	0	161
3	592	578	274	0	106	51	0	505	531	535	0	322
4	588	352	525	0	106	64	0	312	523	523	0	289
5	578	65	124	0	209	0	0	153	527	527	0	273
6	574	0	231	0	217	0	0	0	535	523	0	243
7	563	0	402	62	159	12	0	263	523	523	0	233
8	588	198	408	247	69	10	0	513	523	291	0	264
9	357	390	339	298	130	34	153	513	535	549	0	40
10	574	465	32	294	0	80	411	513	303	553	0	300
11	563	458	265	307	0	60	411	39	553	527	0	350
12	556	172	327	337	46	61	423	500	549	549	336	360
13	553	0	303	328	108	38	460	470	549	531	300	414
14	553	0	512	162	169	10	444	530	549	501	289	431
15	545	0	262	43	163	0	211	538	549	282	257	451
16	323	0	415	0	174	0	474	541	560	512	214	465
17	582	0	445	0	182	0	502	538	316	489	261	486
18	585	125	526	0	196	0	395	545	545	472	289	542
19	571	323	351	0	191	0	481	538	545	444	304	556
20	556	203	305	0	137	25	295	318	538	414	424	535
21	352	127	244	0	58	49	498	535	531	365	390	545
22	572	0	237	0	16	72	488	520	523	256	354	571
23	199	253	0	0	35	59	477	520	512	235	328	316
24	567	324	0	0	118	22	495	523	271	195	340	574
25	560	357	0	21	81	0	491	520	501	135	68	578
26	567	18	325	93	0	0	495	312	482	120	383	556
27	558	0	196	208	53	177	299	531	497	110	347	549
28	354	0	0	204	71	505	534	535	501	100	354	556
29	588	0	0	208	67	110	495	531	493	275	386	556
30	592	0	0	191	--	0	509	538	501	297	421	323
31	260	0	0	204	--	0	--	531	--	230	404	--
Mean	521	178	236	103	113	50	315	449	497	384	208	408
Max.	595	581	526	337	218	505	534	545	560	553	424	578
Min.	199	0	0	0	0	0	0	0	271	100	0	40
A.F.	32040	10620	14500	6360	6510	3070	18730	27610	29600	23640	12810	24250
Total acre-feet	209700 A.F.											

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Nov.	June	July	Aug.	Sept.
1	28	0	42	65	56	45
2	28	0	42	63	58	45
3	25	0	51	65	60	47
4	22	0	49	70	55	49
5	21	0	47	71	54	52
6	19	0	47	69	60	54
7	18	0	46	69	64	54
8	19	0	46	66	65	56
9	26	0	28	67	65	60
10	16	0	45	66	62	59
11	0	14	46	66	65	59
12	0	40	45	68	65	59
13	0	39	40	66	68	58
14	0	38	36	64	68	59
15	0	40	32	66	66	56
16	0	53	28	63	62	56
17	0	55	28	65	64	58
18	0	49	34	67	65	58
19	0	47	38	56	66	60
20	0	53	58	9	65	58
21	0	57	55	0	64	13
22	0	56	56	0	64	30
23	0	57	58	0	64	60
24	0	47	58	0	64	58
25	0	45	58	40	27	57
26	0	42	60	54	13	55
27	0	44	64	56	7	52
28	0	51	62	54	5	52
29	0	47	59	58	6	48
30	0	46	66	60	19	51
31	0	45	--	60	49	--
Mean	7	31	47	53	53	53
Max.	28	57	66	71	68	60
Min.	0	0	28	0	5	13
A.F.	440	1920	2820	3260	3240	3130
Water diverted	14810 A.F.					
Pathfinder storage included	D-857,1033 6058					

DAILY DIVERSIONS OF CANALS--1960

CAMBRIDGE CANAL from Republican River  
Measured through 15' Parshall flume--Sec. 27-4-25 W.

Date	Oct.	Nov.	June	July	Aug.	Sept.
1	23	0	32	44	273	118
2	12	0	0	40	260	112
3	7	0	0	39	267	110
4	5	0	0	39	271	106
5	4	0	0	39	268	104
6	3	0	0	39	267	106
7	1	0	0	39	267	97
8	1	0	0	39	260	94
9	1	0	0	39	241	82
10	1	0	0	39	209	77
11	1	0	0	39	195	73
12	1	0	0	50	171	76
13	1	0	0	72	165	68
14	4	0	0	81	168	59
15	6	0	0	100	172	48
16	0	0	0	103	174	37
17	0	17	0	105	184	6
18	0	37	0	110	185	0
19	0	64	0	153	181	0
20	0	71	0	200	181	11
21	0	56	0	268	184	14
22	0	52	0	308	207	10
23	0	48	0	307	220	8
24	0	39	0	323	224	8
25	0	39	17	327	209	4
26	0	49	39	321	177	5
27	0	57	44	327	163	5
28	0	52	47	319	160	2
29	0	44	46	282	153	0
30	0	41	46	268	144	4
31	0	40	--	273	120	--
Mean	2	23	9	154	204	118
Max.	23	71	47	327	273	118
Min.	0	0	0	39	120	0
A.F.	110	1400	540	9450	12540	2860
Water diverted	26930 A.F.					
Acreeage reported	A3869e-14870, A6218-397, A9479-220, A9763-53.					
Total	15540					

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	62	92	84	76
2	9	33	58	84	84	76
3	9	47	76	83	84	74
4	8	46	74	82	84	74
5	7	51	80	81	85	71
6	6	51	80	82	85	65
7	0	49	79	81	85	76
8	0	48	76	82	85	77
9	0	45	63	81	84	76
10	0	42	64	83	83	71
11	0	43	71	85	85	69
12	0	42	49	83	85	68
13	0	39	59	80	85	68
14	0	37	51	81	83	68
15	0	43	43	87	82	67
16	0	47	42	87	81	67
17	0	46	40	87	82	64
18	0	55	27	87	83	61
19	0	52	30	88	83	61
20	0	54	38	87	83	59
21	0	53	52	89	82	58
22	0	50	62	89	82	57
23	0	49	66	90	82	60
24	0	52	66	90	82	60
25	0	54	75	90	79	61
26	0	45	74	90	81	62
27	0	53	71	85	73	61
28	0	49	72	84	72	59
29	0	50	74	84	70	56
30	0	52	78	84	72	49
31	0	50	--	84	71	--
Mean	2	46	62	85	81	66
Max.	15	55	80	92	85	77
Min.	0	0	27	80	70	49
A.F.	110	2830	3670	5240	5000	3910
Water diverted					Acres reported	
	20760 A.F.				D-921	5941
					A-186R	471
Total						6412

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	20	31	30	17
2	0	18	30	29	18
3	0	19	27	29	9
4	0	24	18	31	5
5	0	23	28	32	7
6	0	21	28	29	16
7	0	21	28	26	21
8	0	22	26	26	24
9	8	7	26	31	23
10	11	7	28	28	23
11	10	9	28	28	22
12	10	0	30	29	22
13	12	0	28	30	25
14	12	0	29	30	21
15	11	9	17	29	18
16	15	0	23	29	18
17	9	0	27	29	20
18	10	9	28	28	20
19	14	13	27	24	15
20	16	15	29	22	18
21	18	14	26	22	16
22	22	14	28	26	13
23	10	13	21	25	7
24	7	17	6	24	0
25	7	14	6	7	0
26	5	12	10	14	0
27	12	14	24	18	0
28	17	22	24	19	0
29	20	28	30	18	0
30	20	30	30	17	0
31	20	--	32	17	--
Mean	10	14	25	25	13
Max.	22	30	32	32	25
Min.	0	0	6	7	0
A.F.	590	820	1530	1540	790
Water diverted				Acres reported	
	5270 A.F.			D-926	2127
Pathfinder storage included					

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	16	0	56	55	58	55
2	15	15	57	53	55	53
3	12	22	60	52	68	51
4	10	25	58	52	75	44
5	13	20	59	53	70	48
6	10	17	62	53	70	50
7	10	21	59	50	70	53
8	10	21	57	54	70	50
9	11	26	50	48	66	51
10	15	25	56	49	70	49
11	16	20	54	54	70	47
12	16	19	47	56	69	46
13	14	26	45	55	63	52
14	5	27	39	52	66	54
15	0	28	38	55	71	55
16	0	35	39	59	70	53
17	0	37	40	57	70	47
18	0	36	43	58	72	34
19	0	34	41	56	74	37
20	0	34	42	56	69	38
21	0	37	45	56	67	42
22	0	35	47	13	66	39
23	0	34	49	0	70	38
24	0	40	44	0	65	32
25	0	47	46	36	52	31
26	0	54	48	59	50	28
27	0	55	52	57	55	25
28	0	56	54	59	48	24
29	0	56	54	59	49	22
30	0	57	53	57	48	21
31	0	55	--	56	51	--
Mean	6	33	50	49	64	42
Max.	16	57	62	59	75	55
Min.	0	0	38	0	48	21
A.F.	340	2010	2960	3030	3940	2520
Water diverted					Acres reported	
	14800 A.F.				D-844-1031	5141
Pathfinder storage included					A-2190	47
Total						5188

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	1	2	2
2	0	0	1	2	2
3	0	0	1	2	2
4	0	0	1	2	2
5	0	0	1	3	2
6	0	0	1	3	2
7	0	0	1	3	2
8	0	0	1	3	2
9	0	0	1	3	2
10	0	0	1	3	2
11	0	0	1	3	2
12	0	0	1	2	1
13	0	0	1	2	2
14	0	0	2	2	2
15	0	0	1	2	2
16	0	0	1	2	2
17	0	0	1	2	2
18	0	0	1	1	2
19	0	0	1	1	2
20	0	0	1	1	2
21	0	0	1	1	2
22	0	0	1	2	2
23	0	0	1	2	2
24	0	0	1	1	2
25	0	0	1	2	2
26	0	0	1	2	2
27	0	0	1	2	2
28	0	0	1	2	2
29	0	3	2	2	2
30	0	3	2	2	1
31	0	--	2	2	--
Mean	0	0	1	2	2
Max.	0	3	2	3	3
Min.	0	0	1	1	1
A.F.	0	10	70	130	120
Water diverted				Acres reported	
	330 A.F.			D-346	220

DAILY DIVERSIONS OF CANALS--1960

CODY-DILLON CANAL from North Platte River  
Measured over weir--Sec. 10-14-71 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	8	8	40	0
2	12	0	2	7	40	0
3	5	0	0	8	36	0
4	2	0	0	10	30	0
5	2	0	0	12	36	0
6	2	0	8	12	36	0
7	2	0	21	12	28	0
8	2	0	28	12	30	21
9	2	0	33	12	31	42
10	2	0	36	7	30	49
11	2	0	36	17	22	42
12	1	0	35	15	22	32
13	1	0	24	7	36	31
14	1	0	16	8	40	33
15	1	0	14	19	34	36
16	2	1	12	22	24	32
17	2	4	10	30	44	29
18	2	8	9	42	46	31
19	2	10	10	48	19	23
20	2	12	8	40	21	23
21	1	11	8	39	14	19
22	1	4	11	48	40	21
23	1	2	10	48	39	36
24	1	2	8	47	42	41
25	0	18	6	49	46	38
26	0	16	3	45	43	30
27	0	17	2	45	36	31
28	0	24	2	50	36	28
29	0	13	6	46	36	22
30	0	14	10	40	37	26
31	0	14	—	39	14	—
Mean	2	5	12	27	33	24
Max.	12	24	36	50	46	49
Min.	0	0	0	7	14	0
A.F.	120	340	750	1670	2050	1430
Water diverted	6360 A.F.			Acres reported D-649 4660		

DAILY DIVERSIONS OF CANALS--1960

COLUMBUS POWER CANAL from Loup River  
Measured through section of canal--Sec. 6-16-4 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2020	2920	1660	24	1710	1920	2670	2700	2370	1900	1770	1110
2	2210	2670	1020	15	1760	1950	2880	2420	2120	1940	1070	1100
3	2390	2270	1890	15	1870	1990	2830	2290	2000	1960	875	1070
4	2090	2300	2420	15	1980	1990	2740	2320	1950	1950	770	890
5	1980	1890	676	12	2060	1930	2880	2680	1860	1930	684	914
6	1970	164	147	143	2140	1890	2620	2240	1810	1900	726	785
7	1850	845	1140	454	2180	1830	2520	3090	1780	1950	875	705
8	2220	1940	2140	343	2280	1900	2660	3240	1760	1850	1420	677
9	2720	2450	2120	426	2410	2000	2760	3190	2220	1870	1270	717
10	2150	2520	2080	86	2290	2100	2530	3130	2830	1940	1160	830
11	1940	2270	2120	426	2140	2100	2250	3120	3060	2010	1100	986
12	1870	2070	2020	808	1970	2100	2170	2860	2810	2220	1170	962
13	1780	332	1490	1490	2000	2100	2360	2600	2750	2840	1120	1010
14	1790	178	2060	626	1920	2100	2670	2490	2210	2370	1060	1050
15	1770	305	1500	75	1900	2100	2520	2540	2070	1950	986	1050
16	1760	360	2100	505	2010	2000	2480	2510	2310	1750	898	1140
17	1990	371	2080	922	2150	2000	2820	2490	2730	1760	914	1200
18	1960	338	2050	852	2270	2100	2670	2430	2660	1840	938	1260
19	1910	315	1740	890	2230	2100	2720	2530	2870	1630	882	1450
20	1800	1010	693	1020	2140	2100	2520	3200	3180	1470	930	1580
21	1820	2020	1210	1030	1910	2100	2480	3180	3010	1310	1010	1620
22	1890	2390	1910	1100	1730	2100	2310	2810	3030	1190	1090	1590
23	1970	840	459	1170	1640	2100	2220	2480	2420	1060	1050	2320
24	2050	1620	79	1140	1590	2200	2250	2480	2220	845	1570	2090
25	1960	2520	860	1210	1700	2200	2210	2520	2040	770	1140	1890
26	1870	494	1910	1300	1770	2100	2390	2850	1940	733	1020	1960
27	2020	79	1620	1280	1790	2100	2340	2690	1950	755	1100	1890
28	1660	90	90	1320	1760	1380	2520	2510	3020	755	1020	1790
29	1820	160	44	1400	1830	1300	2810	2530	2680	755	1080	1730
30	1950	650	47	1540	—	1820	2860	2660	3020	778	1180	1770
31	2800	—	30	1620	—	2120	—	2450	—	2170	1180	—
Mean	1999	1296	1335	750	1970	1904	2562	2707	2423	1618	1066	1308
Max.	2800	2920	2420	1620	2410	2200	2880	3240	3180	2840	1770	2320
Min.	1660	79	30	12	1590	1300	2170	2240	1760	733	684	677
A.F.	122900	77120	82110	46130	113300	122600	152400	166500	144200	90470	65570	77820
Water diverted												

DAILY DIVERSIONS OF CANALS--1960

COOK CANAL NO. 1 from Elobrara River  
Measured through rating flume--Sec. 2-2<sup>R</sup>-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	1	0	2	2	1	3
2	1	0	2	2	1	3
3	1	0	2	2	1	2
4	1	0	2	2	1	2
5	1	0	2	2	1	2
6	1	0	2	2	1	2
7	1	0	2	2	1	2
8	1	0	2	2	2	2
9	1	0	2	2	2	2
10	1	0	2	2	2	2
11	1	0	2	2	2	2
12	1	0	2	2	2	2
13	1	0	2	2	2	2
14	1	0	2	2	2	2
15	1	0	2	2	2	2
16	1	0	2	2	2	2
17	1	0	2	2	2	2
18	1	0	2	2	2	2
19	0	0	2	2	2	2
20	0	0	2	1	2	2
21	0	0	2	1	2	2
22	0	0	2	1	2	2
23	0	0	2	1	2	2
24	0	0	2	1	2	2
25	0	0	2	1	3	2
26	0	0	2	1	3	2
27	0	1	2	1	3	2
28	0	2	2	1	3	2
29	0	2	2	1	3	2
30	0	2	2	1	3	2
31	0	2	-	1	3	-
Mean	1	0	2	2	2	2
Max.	1	2	2	2	3	3
Min.	0	0	2	1	1	2
A.F.	40	20	120	100	120	120
Water diverted				Acreage reported		
	520 A.F.			D-980 162		

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	14	0	14	5	10	12
2	14	0	14	11	10	14
3	14	0	10	11	16	10
4	14	0	7	11	13	9
5	13	0	8	10	9	8
6	13	0	8	9	11	8
7	3	0	6	10	11	9
8	1	0	6	14	12	12
9	0	0	5	16	13	15
10	0	1	5	15	10	15
11	0	0	7	16	9	12
12	0	1	8	11	8	11
13	0	0	8	11	8	11
14	0	0	27	9	8	11
15	0	10	2	10	8	11
16	0	19	1	12	8	12
17	0	19	1	13	10	14
18	0	18	0	16	10	14
19	0	18	0	14	10	10
20	0	19	0	12	9	3
21	0	18	0	14	9	3
22	0	17	0	22	9	5
23	0	18	0	9	8	14
24	0	16	3	0	12	12
25	0	15	1	0	16	12
26	0	16	1	0	12	6
27	0	16	0	0	16	3
28	0	14	11	1	16	3
29	0	13	8	12	12	14
30	0	12	7	10	11	14
31	0	14	-	10	11	-
Mean	3	9	6	10	11	10
Max.	14	19	27	22	16	15
Min.	0	0	0	0	8	3
A.F.	170	550	330	620	660	610
Water diverted				Acreage reported		
	2940 A.F.			D-840, 1028 1462 A-851 30		
				Total 1492		

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	54	496	44
2	0	0	69	543	43
3	0	0	74	563	41
4	0	0	89	563	33
5	0	0	96	563	32
6	0	45	96	572	45
7	0	55	96	572	59
8	0	53	104	525	62
9	0	54	108	495	62
10	0	56	110	487	62
11	0	58	111	390	62
12	0	56	110	261	62
13	0	56	130	209	85
14	0	52	184	194	102
15	0	50	218	190	101
16	0	47	224	185	102
17	0	38	224	174	92
18	0	45	230	72	94
19	0	47	295	72	92
20	0	46	318	79	100
21	0	46	321	85	100
22	0	47	310	103	100
23	0	47	319	133	100
24	0	52	332	136	100
25	0	53	395	124	100
26	0	54	399	121	42
27	0	54	384	111	0
28	0	54	376	99	0
29	0	54	414	71	0
30	0	54	406	52	0
31	0	-	414	50	-
Mean	0	42	226	266	64
Max.	0	58	414	572	102
Min.	0	0	54	50	0
A.F.	0	2530	13900	16360	3800
Water diverted			Acreage reported		
	36590 A.F.		A-4222 1717 A-6224 113		
	Supplemental storage included		Total 1830		

DAILY DIVERSIONS OF CANALS--1960

COURTLAND CANAL from Republican River--Measured at  
Nebraska-Kansas State Line--Sec. 32-1-7 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	25	0	0	43	398	38
2	0	0	0	59	479	34
3	0	0	0	66	526	30
4	0	0	0	77	529	27
5	0	0	0	84	529	25
6	0	0	0	83	531	25
7	0	0	0	84	529	40
8	0	0	0	91	470	55
9	0	0	0	98	442	55
10	0	0	39	98	423	55
11	0	0	28	98	310	55
12	0	0	40	101	209	55
13	0	0	40	113	169	75
14	0	0	40	162	149	92
15	0	0	35	202	150	92
16	0	0	30	206	145	91
17	0	0	29	212	111	86
18	0	0	29	214	54	87
19	0	0	29	243	56	89
20	0	0	31	271	62	92
21	0	0	40	269	64	93
22	0	0	37	263	77	92
23	0	0	45	253	107	96
24	0	0	43	260	114	96
25	0	0	43	302	108	91
26	0	0	43	332	95	74
27	0	0	42	335	78	29
28	0	0	41	332	78	59
29	0	0	37	330	63	41
30	0	0	43	344	48	5.1
31	0	0	-	344	43	-----
Mean	0.8	0	26	193	231	62
Max.	25	0	45	344	531	96
Min.	0	0	0	43	43	5.1
A.F.	50	0	1560	11840	14170	3720
Water diverted				31340 A.F.		

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	35	42	257	0
2	0	28	47	256	0
3	0	25	47	231	0
4	0	23	50	235	0
5	0	24	48	237	0
6	0	35	45	237	0
7	0	40	51	241	0
8	0	42	44	237	0
9	0	46	56	199	0
10	0	46	41	199	5
11	0	47	40	201	29
12	0	49	24	197	35
13	0	51	37	195	59
14	0	56	67	192	64
15	0	53	67	190	53
16	0	47	72	194	50
17	0	42	72	178	47
18	33	15	72	170	48
19	47	32	138	160	49
20	43	48	157	151	44
21	37	67	185	151	33
22	21	74	194	151	9
23	37	64	283	151	0
24	48	63	269	138	0
25	45	69	233	0	0
26	35	61	235	0	0
27	34	57	237	0	0
28	43	56	235	0	0
29	38	53	244	0	0
30	42	62	254	0	0
31	37	---	256	0	-
Mean	17	20	124	153	18
Max.	47	74	283	257	64
Min.	0	15	24	0	0
A.F.	1070	2800	7620	9420	1040
Water diverted	21950 A.F.				
Sutherland storage included	D-626 25510				

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	3	0
2	0	0	0	3	0
3	0	0	0	3	0
4	0	0	0	2	0
5	0	0	0	3	0
6	0	0	0	2	0
7	0	0	0	3	0
8	0	0	0	3	0
9	0	0	0	3	0
10	0	0	0	2	0
11	0	0	0	2	0
12	0	0	9	1	0
13	0	0	22	1	0
14	0	0	21	1	0
15	0	0	20	1	0
16	0	0	18	1	0
17	0	0	17	5	0
18	0	0	16	4	0
19	0	0	15	3	0
20	0	0	13	3	0
21	0	0	12	2	0
22	0	0	11	1	0
23	0	0	10	1	0
24	0	0	9	1	0
25	0	0	8	2	0
26	0	0	7	1	0
27	0	0	6	1	0
28	0	0	6	1	0
29	0	0	5	1	0
30	0	0	4	1	0
31	0	-	3	0	-
Mean	0	0	7	2	0
Max.	0	0	22	5	0
Min.	0	0	0	0	0
A.F.	0	0	460	120	0
Water withdrawn	580 A.F.				

DAILY DIVERSIONS OF CANALS--1960

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	54	0	110	120	123
2	0	75	0	113	119	124
3	0	73	0	112	121	124
4	0	76	0	112	121	126
5	0	57	0	112	124	126
6	0	45	73	112	126	3
7	0	60	85	113	127	0
8	0	57	9	119	126	0
9	0	10	43	117	124	0
10	0	0	91	119	123	0
11	0	0	83	121	124	0
12	0	0	83	123	124	0
13	0	0	83	121	123	0
14	0	0	88	121	124	0
15	0	0	93	121	124	0
16	0	0	94	121	124	0
17	0	0	97	120	124	0
18	0	0	101	121	123	0
19	0	0	96	123	123	0
20	0	0	89	121	124	0
21	0	0	106	121	124	0
22	0	0	102	123	124	0
23	0	0	93	123	123	0
24	0	0	93	124	123	0
25	30	0	92	124	121	0
26	55	0	92	123	124	0
27	70	0	96	121	124	0
28	25	0	98	123	124	0
29	44	0	103	123	124	0
30	44	0	107	120	123	0
31	---	0	---	121	123	-
Mean	9	16	73	119	123	21
Max.	70	76	107	124	127	126
Min.	0	0	0	110	119	0
A.F.	530	1010	4340	7330	7590	1240
Water diverted	22040 A.F.					
Supplemental storage included	D-24, 25, 29, 30 9416					
	A-9802 122					
Total	9538					

DAILY DIVERSIONS OF CANALS--1960

DAWSON COUNTY CANAL from Platte River Measured through Parshall flume--Sec. 7-10-23 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	50	0	5	127	437	207
2	46	0	8	112	413	238
3	45	0	8	106	382	236
4	56	0	7	115	372	238
5	56	0	6	92	372	234
6	51	0	38	11	362	218
7	53	0	60	10	429	209
8	50	0	58	9	426	226
9	46	0	65	10	437	226
10	46	0	79	11	415	222
11	50	0	69	65	387	209
12	42	0	69	115	365	191
13	27	0	83	98	372	201
14	4	0	92	107	356	187
15	0	0	117	106	258	149
16	0	44	108	98	236	139
17	0	34	104	112	310	134
18	0	43	107	170	329	134
19	0	40	102	191	322	139
20	0	8	122	205	292	132
21	0	6	132	230	228	84
22	0	1	130	317	191	67
23	0	0	110	352	205	74
24	0	0	102	342	251	79
25	0	0	107	397	249	80
26	0	0	106	400	265	77
27	0	0	94	402	247	74
28	0	5	92	453	232	84
29	0	0	102	467	228	83
30	0	0	127	475	251	69
31	0	0	---	450	234	---
Mean	20	6	80	199	318	155
Max.	56	44	132	475	437	238
Min.	0	0	5	9	191	67
A.F.	1230	360	4780	12210	19540	9200
Water diverted	47320 A.F.					
Sutherland storage included	A-2090 5033					
	A-2093 213					
	A-2110 13858					
	A-2145 99					
	A-2262 860					
Total	83315					



DAILY DIVERSIONS OF CANALS--1960

HARVEST CANAL (Combined flow--North & South) from  
Niobrara River--Measured through rating flume--Sec. 9-29-56 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	5	6	4	2	2	2
2	5	7	3	2	2	2
3	5	7	4	2	2	2
4	5	7	4	2	2	1
5	5	8	4	2	2	1
6	5	8	3	2	2	2
7	5	10	3	2	2	2
8	5	9	3	2	2	2
9	5	7	3	2	3	2
10	5	7	3	2	3	2
11	5	7	3	2	3	2
12	4	7	3	2	3	2
13	4	7	3	2	3	1
14	4	7	3	3	2	1
15	4	7	3	3	2	2
16	4	7	3	3	2	1
17	4	7	3	3	2	3
18	4	7	2	3	2	4
19	4	6	2	3	2	4
20	4	6	2	3	2	4
21	4	6	2	2	1	4
22	7	6	2	2	0	4
23	7	7	2	2	0	2
24	7	7	2	2	1	3
25	7	6	2	2	1	2
26	7	6	2	2	3	2
27	5	6	2	2	2	2
28	5	6	2	2	3	2
29	6	4	2	2	2	3
30	6	4	2	2	2	4
31	-	4	-	2	2	-
Mean	5	7	3	2	2	2
Max.	7	10	4	3	3	4
Min.	4	4	2	2	0	1
A.F.	300	410	160	140	120	140
Water diverted	1270 A.F.		Acreage reported			
			D-514a		190	
			D-514b		150	
			A-1362E		102	
			Total		442	

DAILY DIVERSIONS OF CANALS--1960

KLM CREEK CANAL from Platte River  
Measured through Parshall flume--Sec. 5-8-19 W.

Date	Oct.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	14	74	0	12	29	33
2	0	0	13	126	0	11	27	30
3	0	0	27	138	0	10	27	28
4	0	0	69	135	0	13	29	23
5	0	0	124	140	0	17	40	29
6	0	0	135	48	0	14	40	32
7	0	0	139	0	0	11	45	32
8	0	0	105	0	0	8	43	20
9	0	0	58	0	0	16	45	19
10	0	0	58	0	0	12	42	19
11	0	0	86	0	0	12	38	19
12	0	0	76	0	0	19	42	19
13	0	0	83	0	0	27	46	19
14	0	0	115	0	0	28	39	18
15	0	0	108	0	7	22	35	27
16	0	0	111	0	26	19	43	32
17	0	0	123	0	20	17	37	36
18	0	0	129	0	16	17	28	26
19	0	0	152	0	24	16	43	23
20	0	0	151	0	24	13	40	19
21	11	0	152	0	17	18	38	16
22	14	0	135	0	21	32	34	30
23	75	0	105	0	8	33	36	11
24	94	0	108	0	14	35	35	11
25	107	0	126	0	20	33	38	9
26	101	0	128	0	19	33	38	8
27	58	0	134	0	17	30	36	8
28	12	36	113	0	15	30	35	8
29	0	45	78	0	19	28	37	7
30	0	40	54	0	13	29	38	7
31	0	53	-	0	-	26	37	-
Mean	15	6	97	21	9	21	37	21
Max.	107	53	152	140	26	35	46	36
Min.	0	0	13	0	0	8	27	7
A.F.	940	340	5970	1310	550	1270	2300	1230
Water diverted	13910 A.F.		Acreage reported					
	Sutherland storage available		A-2104		6491			

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	20	17	0	22
2	0	21	14	0	21
3	0	21	17	0	22
4	0	20	19	0	23
5	0	19	19	2	22
6	0	19	20	6	22
7	0	19	21	4	23
8	0	20	18	4	23
9	0	23	19	4	23
10	0	22	11	7	21
11	0	21	5	7	21
12	0	15	0	6	20
13	0	17	0	5	20
14	0	16	0	6	20
15	0	16	0	4	20
16	0	18	0	4	21
17	0	18	0	4	21
18	0	21	0	4	21
19	0	21	3	4	21
20	0	23	4	4	21
21	0	23	0	4	21
22	0	22	0	4	20
23	0	22	0	7	18
24	0	22	0	7	18
25	7	22	0	7	23
26	16	22	0	5	23
27	18	23	0	13	23
28	19	22	6	19	23
29	19	21	10	20	23
30	19	21	11	20	22
31	19	-	4	20	-
Mean	4	20	7	6	21
Max.	19	23	21	20	23
Min.	0	15	0	0	18
A.F.	230	1210	430	400	1270
Water diverted	3540 A.F.		Acreage reported		
			D-858		1549
			A-866		75
			Total		1624

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	34	0	34	60	68	42
2	16	0	35	60	66	42
3	0	24	40	59	66	42
4	0	31	41	63	67	42
5	0	30	42	64	67	42
6	0	22	44	64	64	43
7	0	19	45	67	66	43
8	0	20	47	69	64	44
9	0	20	58	71	65	44
10	0	19	66	75	66	43
11	0	18	55	75	67	45
12	0	26	45	75	69	45
13	0	30	37	75	61	45
14	0	34	57	60	57	44
15	0	40	53	57	57	44
16	0	24	45	57	55	46
17	0	17	28	57	55	46
18	0	39	40	60	54	45
19	0	45	59	57	54	42
20	0	46	71	53	51	40
21	0	43	75	54	52	40
22	0	39	58	55	52	40
23	0	39	57	54	46	39
24	0	34	58	54	47	37
25	0	34	62	58	46	37
26	0	31	58	59	45	40
27	0	32	58	66	46	36
28	0	37	63	68	46	34
29	0	36	64	70	46	33
30	0	37	60	69	45	26
31	0	34	-	68	43	-
Mean	2	29	52	63	57	41
Max.	34	46	75	75	69	46
Min.	0	0	34	53	43	26
A.F.	100	1790	3080	3870	3480	2440
Water diverted	14760 A.F.		Acreage reported			

DAILY DIVERSIONS OF CANALS--1960

ENTERPRISE CANAL from Wet Spotted Tail  
Measured in channel of stream--Sec. 22-23-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	9	4	5	7	10	10
2	5	4	5	7	10	10
3	0	4	5	7	10	10
4	0	4	5	8	10	10
5	0	4	5	9	11	10
6	0	4	5	9	12	12
7	0	4	5	9	12	13
8	0	4	6	9	12	13
9	0	3	6	9	12	13
10	0	3	6	9	12	13
11	0	3	7	9	13	13
12	0	3	7	9	13	13
13	0	3	7	9	13	13
14	0	3	7	9	13	13
15	0	3	7	9	13	13
16	0	4	7	9	13	13
17	0	4	7	9	13	13
18	0	4	7	9	13	13
19	0	4	7	9	13	12
20	0	4	7	9	13	12
21	0	4	7	9	13	11
22	0	4	7	9	13	11
23	0	4	7	9	13	10
24	0	4	7	9	13	10
25	0	4	7	9	13	10
26	0	4	7	9	12	9
27	0	5	7	10	12	9
28	0	5	7	10	11	9
29	0	5	7	10	11	9
30	0	5	7	10	10	9
31	0	5	-	10	10	-
Mean	1	4	6	9	12	11
Max.	9	5	7	10	13	13
Min.	0	3	5	7	10	9
A.F.	30	240	380	550	740	670
Water diverted	2610 A.F.					

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

Date	Oct.	May	June	July	Aug.	Sept.
1	4	1	1	2	2	4
2	2	1	1	2	2	4
3	0	1	1	2	2	4
4	0	1	1	2	2	4
5	0	1	1	2	3	4
6	0	1	1	2	3	4
7	0	1	1	2	3	4
8	0	1	1	2	3	4
9	0	1	1	2	3	4
10	0	0	1	2	3	4
11	0	0	1	2	3	4
12	0	0	1	2	3	4
13	0	0	1	2	3	4
14	0	0	1	2	3	4
15	0	0	1	2	3	4
16	0	0	1	2	3	4
17	0	0	2	2	3	4
18	0	0	2	2	3	4
19	0	0	2	2	3	4
20	0	0	2	2	3	4
21	0	0	2	2	3	4
22	0	0	2	2	3	4
23	0	0	2	2	3	3
24	0	1	2	2	4	3
25	0	1	2	2	4	3
26	0	1	2	2	4	3
27	0	1	2	2	4	3
28	0	1	2	2	4	3
29	0	1	2	2	4	3
30	0	1	2	2	4	3
31	0	1	-	2	4	-
Mean	0.2	1	1	2	3	4
Max.	4	1	2	2	4	4
Min.	0	0	1	2	2	3
A.F.	10	40	90	120	190	220
Water diverted	670 A.F.					

DAILY DIVERSIONS OF CANALS--1960

ENTERPRISE CANAL from Stewart Drain  
Measured in channel of drain--Sec. 13-23-57 W.

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

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	16	20
2	0	0	0	11	19
3	0	0	0	12	21
4	0	0	0	15	21
5	0	0	0	16	20
6	0	0	11	14	20
7	0	0	15	15	20
8	0	0	26	19	20
9	0	0	22	17	20
10	0	0	26	20	0
11	0	0	12	21	0
12	0	0	14	20	0
13	0	0	14	20	0
14	0	0	13	22	0
15	0	0	18	24	0
16	0	0	17	18	0
17	0	0	25	16	0
18	0	0	25	20	0
19	0	0	13	20	0
20	0	0	12	25	0
21	0	0	13	25	0
22	0	0	20	25	0
23	0	0	19	22	0
24	0	0	22	24	0
25	0	0	25	23	0
26	0	0	12	25	0
27	0	0	13	26	0
28	0	0	17	24	0
29	0	0	17	24	0
30	0	0	18	17	0
31	0	-	0	19	-
Mean	0	0	14	20	6
Max.	0	0	26	26	21
Min.	0	0	0	11	0
A.F.	0	0	870	1220	360
Water diverted	2450 A.F.				

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	18	14	9	26	28
2	20	15	9	26	27
3	20	15	14	26	27
4	20	15	19	26	27
5	18	16	25	24	23
6	18	16	20	26	31
7	19	16	19	27	31
8	19	15	16	28	28
9	11	11	16	29	23
10	0	0	15	30	24
11	6	0	18	28	26
12	9	0	19	27	28
13	11	0	19	28	28
14	16	0	19	27	30
15	14	0	20	27	30
16	12	0	20	28	30
17	21	3	21	29	29
18	16	7	22	28	19
19	10	3	22	26	24
20	8	5	23	27	28
21	10	6	24	28	30
22	11	7	23	28	30
23	10	11	24	29	26
24	11	11	24	29	24
25	7	10	25	28	21
26	9	10	26	25	22
27	11	14	26	21	22
28	13	12	25	22	18
29	13	13	21	26	13
30	14	12	23	28	20
31	14	—	25	28	—
Mean	13	9	20	27	26
Max.	21	16	26	30	31
Min.	0	0	9	21	13
A.F.	810	510	1250	1660	1530
Water diverted					
5760 A.F.					

DAILY DIVERSIONS OF CANALS--1960

ENTERPRISE CANAL  
Summary in Acre-feet--1960

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	100	1790	3080	3870	3480	2440	14760
Dry Spotted Tail.....	0	0	0	870	1220	360	2450
Wet Spotted Tail.....	30	240	380	550	740	670	2610
Morrill Drain.....	10	40	50	120	190	220	670
Stewart Drain.....	0	0	0	0	0	0	0
Tub Springs.....	0	810	510	1250	1660	1530	5760
Total diversion.....	140	2880	4060	6660	7290	5220	26250
Water diverted							
26250 A.F. Total							Acres reported
25677 A.F. Natural flow							D-920
573 A.F. Glendo storage							7475

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	2	0	0	0
2	0	2	0	0	0
3	0	2	0	0	0
4	0	2	1	0	0
5	0	2	5	0	0
6	0	2	5	0	0
7	0	2	6	0	0
8	0	2	6	0	0
9	0	2	6	0	0
10	0	7	6	0	0
11	0	10	6	0	0
12	0	3	8	0	0
13	4	1	7	0	0
14	6	3	4	1	0
15	6	3	4	3	0
16	3	2	4	4	0
17	6	2	4	4	0
18	6	2	4	4	0
19	6	1	4	4	0
20	6	0	5	4	0
21	5	0	5	4	0
22	5	0	5	4	0
23	4	0	5	4	0
24	4	0	5	5	0
25	7	0	5	11	1
26	6	0	5	2	5
27	3	0	5	1	5
28	2	0	5	1	5
29	2	0	5	2	5
30	2	0	4	2	5
31	2	-	2	1	-
Mean	3	2	4	2	1
Max.	7	10	8	11	5
Min.	0	0	0	0	0
A.F.	170	100	270	120	50
Water diverted			Acreage reported		
	710 A.F.		D-461 290		
			A-5181 76		
			Total 366		

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	5	1	0	1
2	4	0	5	1	1	1
3	4	0	4	1	1	2
4	4	0	4	1	2	2
5	4	0	4	1	3	1
6	4	0	4	1	3	1
7	4	0	4	1	4	0
8	4	0	4	1	4	1
9	4	0	4	1	4	1
10	4	0	4	1	4	1
11	4	0	4	1	4	1
12	3	0	4	1	4	2
13	2	0	4	1	3	1
14	2	0	4	1	1	1
15	2	0	3	1	1	1
16	2	3	4	1	1	1
17	2	5	4	1	1	1
18	2	5	3	1	2	3
19	2	5	2	1	2	3
20	2	6	2	1	2	3
21	2	6	2	1	2	3
22	1	6	4	1	1	3
23	2	6	2	2	1	3
24	2	6	2	2	1	3
25	0	8	2	2	4	3
26	0	6	2	2	1	3
27	0	6	2	2	2	3
28	0	6	2	1	2	3
29	0	6	2	0	3	2
30	0	4	2	0	3	2
31	0	5	-	0	2	-
Mean	2	3	3	1	2	2
Max.	4	6	5	2	4	3
Min.	0	0	2	0	0	0
A.F.	140	180	190	60	140	110
Water diverted			Acreage reported			
	820 A.F.		D-568 200			
			A-2264 134			
			Total 334			

DAILY DIVERSIONS OF CANALS--1960

YORSLING-KINNEY CANAL from Lodgepole Creek Measured through rating flume--Sec. 33-15-56 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	0	0	0	0	0
Min.	0	0	0	0	0
A.F.	0	0	0	0	0
Water diverted	0 A.F.		Acreage reported		
			D-348 152		
			A-712 54		
			Total 206		

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	1461	1505	1231
2	0	0	1505	1505	1229
3	0	0	1505	1505	1229
4	0	0	1505	1505	1243
5	0	0	1505	1505	1252
6	0	603	1508	1505	1252
7	0	811	1508	1505	1252
8	0	803	1505	1505	1272
9	0	801	1502	1502	1278
10	0	806	1502	1502	1272
11	0	811	1502	1505	1266
12	0	813	1502	1505	1098
13	0	803	1499	1446	791
14	0	808	1502	1446	561
15	0	801	1502	1452	478
16	0	806	1502	1452	221
17	0	806	1502	1455	0
18	0	861	1489	1455	0
19	0	920	1492	1409	0
20	0	933	1505	1376	0
21	0	955	1499	1379	0
22	0	1025	1502	1364	0
23	0	1123	1505	1325	0
24	0	1135	1505	1319	0
25	0	1205	1502	1278	0
26	0	1313	1511	1237	0
27	0	1437	1508	1225	0
28	0	1499	1505	1229	0
29	0	1502	1505	1225	0
30	0	1499	1505	1225	0
31	0	----	1505	1231	-
Mean	0	829	1502	1406	564
Max.	0	1502	1511	1505	1278
Min.	0	0	1461	1225	0
A.F.	0	49350	92740	85440	31570
Water diverted			Acreage reported		
	261700 A.F.		A-708 Neb 54965		
	Pathfinder storage included		A-763 Wyo 50210		
			Total 105056		

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	227	86
2	0	20	0	220	85
3	13	41	0	220	85
4	32	48	0	220	85
5	32	48	25	218	85
6	39	48	43	208	90
7	47	48	42	208	94
8	46	48	42	206	95
9	46	47	42	186	88
10	46	40	42	175	75
11	36	34	60	178	75
12	29	28	73	176	61
13	33	28	73	163	55
14	41	28	77	163	54
15	41	28	92	160	54
16	40	16	103	160	54
17	41	0	102	168	54
18	24	0	118	165	54
19	0	0	142	153	47
20	0	0	161	142	36
21	0	0	179	145	36
22	0	0	200	139	30
23	0	0	218	133	25
24	0	0	218	116	22
25	0	0	230	106	22
26	0	0	237	101	22
27	0	0	234	93	22
28	0	0	234	93	22
29	0	0	234	93	22
30	0	0	234	85	15
31	0	-	234	86	-
Mean	19	18	119	158	55
Max.	47	48	237	227	95
Min.	0	0	0	85	15
A.F.	1160	1090	7320	9730	3270
Water diverted	22570 A.F.				
	Acreage reported				
	A-2691a 4575				
	A-2691b 4164				
	A-4216 2169				
	A-6221 161				
	A-8259 146				
	A-9623 58				
	Total 11273				

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	38	12
2	0	0	0	38	12
3	0	0	0	39	11
4	0	0	0	39	11
5	0	0	0	39	11
6	0	0	0	40	10
7	0	0	0	39	10
8	0	0	0	39	10
9	0	0	3	37	10
10	0	0	0	40	11
11	0	0	0	33	11
12	0	0	0	26	11
13	0	0	0	25	11
14	0	0	0	25	11
15	0	0	0	24	11
16	0	0	0	24	11
17	0	0	0	23	11
18	0	0	0	23	11
19	0	0	7	18	11
20	0	0	15	13	4
21	0	0	15	13	0
22	0	0	19	13	0
23	0	0	24	15	0
24	0	0	24	16	0
25	0	0	24	16	0
26	0	0	29	16	0
27	0	0	32	16	0
28	0	0	39	15	0
29	0	0	37	14	0
30	0	0	39	13	0
31	0	-	37	12	-
Mean	0	0	11	25	7
Max.	0	0	39	40	12
Min.	0	0	0	12	0
A.F.	0	0	680	1550	420
Water diverted	2650 A.F.				
	Supplemental storage available				
	A-4227 1946				
	A-6222 184				
	Total 2130				

DAILY DIVERSIONS OF CANALS--1960

FULLERTON POWER CANAL from Cedar River  
Measured through turbines--Sec. 11-16-6 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	160	183	208	133	192	166	300	290	287	295	174	148
2	170	117	211	140	195	180	390	267	275	313	139	128
3	175	108	210	133	205	174	422	288	266	348	60	145
4	175	55	254	103	206	172	432	302	249	331	62	124
5	170	134	204	126	207	159	365	316	227	316	100	128
6	165	85	189	150	222	174	399	124	231	332	139	136
7	165	127	209	177	228	176	372	329	226	285	107	111
8	240	114	201	201	225	195	425	381	221	243	158	104
9	220	90	187	210	247	188	371	280	278	259	119	137
10	215	101	180	207	233	198	372	247	328	271	128	122
11	180	143	186	199	172	204	376	380	327	279	125	134
12	175	184	176	205	159	197	342	306	296	265	122	140
13	170	163	172	216	188	206	320	381	272	257	123	142
14	165	44	190	206	228	197	356	444	270	263	132	93
15	165	49	183	134	223	178	328	378	239	250	128	115
16	171	124	191	78	220	171	301	323	278	238	112	145
17	166	131	186	105	232	185	416	304	99	224	145	162
18	181	143	152	129	236	214	410	307	171	272	169	174
19	162	152	170	164	216	251	296	335	336	227	155	169
20	165	185	169	187	150	259	335	370	387	209	152	175
21	165	210	171	181	135	265	305	393	386	195	170	124
22	165	251	177	167	143	299	291	337	444	195	145	114
23	104	282	163	169	192	303	315	372	326	194	149	167
24	170	291	139	157	190	292	287	252	310	156	163	171
25	165	229	211	163	174	277	251	248	348	143	140	172
26	155	73	201	170	162	300	243	390	379	141	149	170
27	140	92	193	171	173	275	226	398	296	123	135	174
28	165	108	130	182	180	100	240	317	296	123	134	160
29	96	115	57	182	176	50	267	303	342	79	165	170
30	114	166	48	187	---	100	275	305	328	155	175	172
31	110	---	105	188	---	210	---	308	---	182	176	---
Mean	165	142	175	165	197	204	334	322	291	231	137	144
Max.	240	291	254	216	247	303	432	444	444	348	176	175
Min.	96	44	48	78	135	50	226	124	99	79	60	93
A.F.	10120	8430	10760	10160	11320	12530	16890	19790	17290	14210	8440	8580
Total acre-feet	151500 A.F.											

DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

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

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

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	3	1	1	5
2	2	0	3	1	1	4
3	1	0	3	1	1	3
4	1	0	2	1	1	2
5	1	0	3	1	1	2
6	0	0	3	1	1	2
7	0	0	4	1	3	3
8	1	0	4	1	6	2
9	1	0	4	2	5	1
10	1	0	5	1	3	1
11	1	0	6	2	3	1
12	0	0	8	2	3	1
13	0	0	5	2	2	1
14	0	0	2	1	2	1
15	0	0	2	2	2	1
16	0	0	2	1	2	1
17	0	1	3	0	2	1
18	0	2	3	0	2	1
19	0	2	3	0	2	1
20	0	2	3	0	2	1
21	0	2	2	0	2	0
22	0	1	2	0	2	0
23	0	2	1	0	2	0
24	0	2	1	0	3	0
25	0	4	1	2	13	0
26	0	3	1	2	6	1
27	0	3	1	2	4	1
28	0	3	1	2	5	1
29	0	3	1	3	6	1
30	0	3	1	3	6	1
31	0	3	-	2	5	-
Mean	0	1	3	1	3	1
Max.	2	4	8	3	13	5
Min.	0	0	1	0	1	0
A.F.	20	70	160	70	200	80
Water diverted	600 A.F.					
	Acreage reported D-462 255					

Date	May	June	July	Aug.	Sept.
1	0	0	148	171	153
2	0	33	177	164	0
3	0	43	180	163	0
4	0	29	183	166	0
5	0	39	185	166	0
6	0	47	148	167	0
7	0	52	148	166	0
8	0	52	153	169	0
9	0	54	153	177	0
10	0	35	123	164	0
11	0	19	117	167	0
12	0	14	151	163	0
13	0	23	145	162	0
14	0	21	144	166	0
15	0	17	150	162	0
16	0	21	152	163	0
17	0	26	164	166	0
18	0	26	171	169	0
19	0	28	169	160	0
20	0	28	169	160	0
21	0	27	172	164	0
22	0	27	179	160	0
23	0	19	175	167	0
24	0	16	177	168	0
25	0	45	178	166	0
26	0	39	177	167	0
27	0	49	176	165	0
28	0	41	181	155	0
29	0	49	181	155	0
30	0	87	179	157	0
31	0	--	180	157	-
Mean	0	35	164	164	5
Max.	0	87	185	171	153
Min.	0	0	144	155	0
A.F.	0	1990	10090	10100	300
Water diverted	22480 A.F.				
	Pathfinder storage included A-365R 14310				

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	109	135	113	89	140	135	122	162	112	85	437	256
2	128	130	120	60	155	140	119	147	98	106	437	259
3	135	130	152	75	165	110	132	154	87	100	442	242
4	128	125	151	90	170	65	109	141	62	110	437	238
5	122	27	134	105	147	65	113	192	52	91	440	209
6	122	135	105	130	157	80	108	159	71	117	442	227
7	112	157	99	150	147	100	106	163	70	91	440	252
8	119	155	141	145	155	110	99	157	80	80	437	259
9	132	137	143	140	141	110	85	177	80	125	433	273
10	138	137	140	135	150	110	79	172	68	91	440	257
11	128	141	151	130	125	115	72	151	90	70	447	254
12	93	140	155	135	129	125	89	159	80	74	435	271
13	103	75	159	140	146	140	163	155	89	132	437	281
14	105	80	160	100	143	80	134	149	152	138	433	227
15	109	100	123	50	129	100	108	143	201	132	407	197
16	113	125	137	80	140	150	102	140	226	190	403	185
17	119	140	163	115	157	140	192	137	215	222	407	157
18	120	155	162	110	135	159	131	178	187	303	410	157
19	125	170	157	110	140	141	149	180	138	332	396	159
20	131	160	175	120	75	106	131	190	187	365	380	125
21	128	177	157	130	90	85	126	162	233	376	363	97
22	126	162	143	145	100	35	61	154	190	394	356	51
23	131	143	74	155	40	33	0	146	185	407	352	48
24	113	138	120	160	60	27	0	160	138	419	330	60
25	119	149	177	160	80	132	0	131	140	428	328	41
26	85	147	120	160	75	106	0	113	106	435	275	29
27	86	82	60	150	130	129	0	93	91	442	252	30
28	113	25	33	150	130	98	106	144	89	442	229	64
29	128	86	88	150	130	180	167	167	122	440	254	86
30	125	109	94	150	---	170	168	154	108	440	252	75
31	131	---	95	150	---	132	---	132	---	435	213	---
Mean	119	126	129	125	127	110	99	154	125	246	379	170
Max.	138	177	177	160	170	180	192	192	233	442	447	287
Min.	85	25	33	50	40	27	0	93	52	70	213	29
A.F.	7290	7480	7940	7670	7300	6760	5890	9450	7430	15100	23290	10110
Water diverted	115710 A.F.											

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	94	126	109	67	147	126	132	151	29	37	130	125
2	121	122	109	31	138	100	122	127	36	25	138	153
3	135	118	121	35	151	58	122	145	25	24	146	152
4	117	112	135	96	162	55	125	125	23	23	144	155
5	102	21	118	97	159	57	119	150	21	22	141	149
6	94	10	85	116	154	70	103	158	21	23	138	139
7	103	110	109	102	152	89	106	152	21	30	132	140
8	107	147	136	119	151	106	109	151	21	23	114	147
9	106	144	124	133	153	105	87	149	21	51	110	131
10	121	125	132	143	73	106	80	151	21	36	123	130
11	127	125	137	127	86	101	86	150	21	20	127	135
12	90	133	146	118	92	115	73	148	21	4	131	135
13	80	44	151	133	110	135	140	140	21	21	141	154
14	91	65	151	100	143	101	143	136	65	57	144	142
15	99	69	118	21	140	62	62	133	137	50	143	89
16	104	118	119	37	121	139	86	122	155	51	139	82
17	105	125	147	110	146	125	164	116	156	73	139	77
18	108	148	147	98	134	144	150	140	129	122	141	77
19	112	156	133	82	117	131	136	149	94	136	151	91
20	123	149	143	101	24	152	134	142	112	147	142	71
21	119	151	155	110	60	159	130	134	158	154	154	33
22	118	164	112	124	84	128	49	135	159	145	164	18
23	114	153	28	151	51	67	20	98	140	122	166	2
24	114	145	91	147	31	29	9	113	82	112	150	2
25	108	134	147	141	70	94	22	107	96	117	140	13
26	114	140	116	136	68	96	10	72	66	112	145	8
27	63	82	38	146	60	127	5	35	45	115	132	2
28	106	21	16	147	118	109	45	64	34	114	117	1
29	122	62	40	148	124	126	143	79	40	115	125	11
30	120	80	94	146	---	156	155	86	77	120	149	7
31	114	---	86	147	---	148	---	75	---	128	116	---
Mean	108	110	113	110	111	107	96	123	68	75	138	86
Max.	135	164	155	151	162	159	164	158	159	154	166	155
Min.	63	10	16	21	31	29	5	35	21	4	110	1
A.F.	6650	6540	6930	6760	6380	6580	5690	7540	4060	4620	8470	5100
Water returned	75320 A.F.											

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	76	41	279	104
2	0	55	77	269	73
3	0	58	72	264	57
4	0	55	83	261	49
5	0	27	65	269	27
6	0	46	90	274	58
7	0	45	54	280	82
8	0	55	53	298	80
9	0	55	63	299	114
10	0	43	48	291	129
11	0	65	46	293	90
12	0	55	69	276	107
13	0	64	107	266	93
14	0	73	70	257	55
15	0	35	71	234	88
16	0	37	123	234	86
17	0	25	134	233	64
18	0	33	154	239	64
19	0	23	167	212	48
20	18	51	186	208	39
21	0	40	188	175	57
22	26	0	217	156	29
23	26	15	259	150	45
24	22	39	283	147	57
25	1	23	286	158	26
26	26	26	299	98	19
27	51	37	302	92	27
28	66	48	303	87	62
29	71	73	300	102	73
30	50	15	294	70	67
31	41	---	279	72	---
Mean	13	43	154	211	66
Max.	71	76	303	299	129
Min.	0	0	41	70	19
A.F.	790	2560	9500	12990	3910
Water diverted	29750 A.F.				
Sutherland storage included	Acreage reported				
	D-645a 860				
	D-645b 17000				
	A-3716 4495				
	Total 22355				

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	13	0	6
2	8	0	0	11	1	10
3	6	0	0	15	3	21
4	4	0	0	3	3	21
5	3	0	0	0	2	21
6	2	0	0	0	0	22
7	1	0	9	0	0	22
8	0	0	14	0	0	24
9	0	0	9	0	0	22
10	0	0	15	0	2	17
11	0	0	14	8	3	17
12	0	0	10	13	3	18
13	0	0	6	8	0	17
14	0	0	11	0	0	16
15	0	0	9	0	0	14
16	0	0	8	0	0	14
17	0	0	7	0	0	14
18	0	0	6	0	0	4
19	0	0	6	0	0	0
20	0	0	4	0	0	0
21	0	0	1	0	0	0
22	0	0	1	2	2	0
23	0	0	4	3	3	12
24	0	0	4	2	3	22
25	0	0	3	0	2	20
26	0	0	4	0	0	18
27	0	0	5	0	0	17
28	0	0	5	0	0	16
29	0	0	6	3	0	15
30	0	0	9	3	6	13
31	0	0	---	0	21	---
Mean	1	0	6	3	2	14
Max.	12	0	15	15	21	24
Min.	0	0	0	0	0	0
A.F.	70	0	340	160	110	860
Water diverted	1540 A.F.					
	Acreage reported					
	D-763R 85					
	D-781R 15					
	D-738 1989					
	Total 2089					

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	11	0	10	8	8	5
2	8	0	9	8	8	5
3	16	0	9	8	7	5
4	10	0	9	8	7	5
5	10	0	10	8	7	6
6	9	0	10	8	7	6
7	9	0	11	7	7	6
8	3	0	10	7	7	6
9	9	3	14	8	8	7
10	12	6	13	9	8	6
11	12	11	14	9	7	7
12	12	11	15	8	7	7
13	12	11	16	9	6	6
14	12	10	15	10	6	6
15	12	12	13	10	7	6
16	12	13	13	10	6	6
17	12	12	13	2	6	6
18	11	12	5	0	6	6
19	11	12	0	0	6	6
20	0	12	0	4	6	6
21	0	15	0	8	6	6
22	0	18	4	8	5	6
23	0	17	10	8	5	7
24	0	15	10	8	5	7
25	0	16	10	8	8	7
26	0	14	9	8	7	6
27	0	14	9	8	6	6
28	0	14	12	7	6	5
29	0	13	12	8	6	5
30	0	12	11	8	6	5
31	0	11	--	8	5	--
Mean	7	9	10	7	7	6
Max.	16	18	16	10	8	7
Min.	0	0	0	0	5	5
A.F.	400	560	590	450	400	360
Water diverted	2760 A.F.		Acres reported			
			D-517 600			
			A-2275 509			
			Total 1109			

DAILY DIVERSIONS OF CANALS--1960

OPD HITCHHEW CANAL from Niobrara River  
Measured through rating flume--Sec. 6-28-52 W.

Date	May	June	July	Aug.	Sept.
1	0	3	2	0	0
2	0	3	2	0	0
3	0	4	2	0	1
4	0	3	3	0	1
5	0	3	3	0	1
6	0	3	3	0	2
7	0	4	3	0	3
8	0	3	3	0	3
9	0	3	3	0	4
10	0	3	2	0	4
11	0	4	2	0	2
12	0	4	2	0	2
13	0	4	2	3	2
14	0	4	2	3	2
15	1	3	2	4	3
16	3	2	2	3	3
17	3	2	2	4	1
18	3	2	2	4	0
19	3	3	2	4	0
20	3	2	2	4	0
21	3	2	2	4	0
22	3	2	2	3	0
23	3	2	2	3	0
24	3	1	2	4	0
25	3	1	2	5	0
26	3	2	2	2	0
27	3	2	2	0	0
28	3	2	2	0	0
29	3	2	2	0	0
30	3	2	2	0	0
31	3	--	1	0	--
Mean	2	3	2	2	1
Max.	3	4	3	5	4
Min.	0	1	1	0	0
A.F.	100	160	130	100	70
Water diverted	560 A.F.		Acres reported		
			A-1260 180		

DAILY DIVERSIONS OF CANALS--1960

HOOVER CANAL from Blue Creek--Measured  
through Parshall flume--Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	19	0	14	13	10	12
2	20	0	14	10	11	12
3	23	0	14	10	12	13
4	20	0	14	12	12	14
5	22	0	14	12	12	14
6	23	0	13	14	10	13
7	23	0	11	11	11	13
8	24	0	11	12	3	10
9	24	0	14	13	5	9
10	25	0	14	12	11	10
11	25	0	14	11	9	9
12	25	0	12	13	9	9
13	26	0	9	14	17	9
14	30	0	7	10	14	10
15	30	0	9	14	16	12
16	30	0	10	0	13	10
17	29	0	11	0	12	11
18	27	3	11	0	9	14
19	28	5	12	0	9	15
20	26	3	12	0	13	9
21	20	4	11	0	10	12
22	18	5	15	0	11	13
23	12	5	13	0	10	18
24	0	5	13	0	14	10
25	0	6	13	0	13	12
26	0	6	13	0	11	13
27	0	6	13	0	10	13
28	0	7	13	4	10	12
29	0	7	13	13	12	12
30	0	7	13	3	11	15
31	0	11	--	4	12	--
Mean	18	3	12	7	11	12
Max.	30	11	15	14	17	15
Min.	0	0	7	0	3	9
A.F.	1090	160	730	410	680	710
Water diverted	3780 A.F.		Acres reported			
			D-781 855			
			D-788R 19			
			Total 874			

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	1	0	1
2	0	1	1	0	1
3	0	2	1	0	0
4	0	2	1	0	0
5	0	2	1	0	0
6	0	2	1	0	0
7	0	2	1	0	0
8	0	2	1	0	0
9	0	2	1	0	1
10	0	2	1	0	0
11	0	2	1	0	0
12	0	2	1	0	1
13	0	1	1	0	1
14	0	0	1	0	1
15	0	0	1	0	1
16	0	0	1	0	1
17	0	0	1	0	1
18	0	0	1	0	1
19	0	0	1	0	2
20	0	0	1	0	2
21	0	0	0	0	2
22	0	1	0	0	2
23	0	1	0	0	2
24	0	1	0	0	2
25	0	1	0	0	2
26	0	1	0	0	2
27	0	1	0	0	2
28	0	1	0	0	2
29	0	1	0	0	1
30	0	1	0	0	0
31	0	--	0	0	--
Mean	0	1	1	0	1
Max.	0	2	1	0	2
Min.	0	0	0	0	0
A.F.	0	60	40	0	60
Water diverted	160 A.F.		Acres reported		
			D-987a 40		
			D-987b 20		
			Total 60		



DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	3	0	3	2	1
2	1	0	2	2	1
3	3	0	6	2	2
4	3	0	7	2	1
5	3	0	7	2	1
6	3	0	7	2	0
7	3	0	7	2	0
8	3	2	0	2	0
9	3	5	0	2	0
10	3	5	0	2	0
11	3	4	1	2	0
12	3	5	1	2	0
13	3	5	1	2	0
14	3	5	1	1	0
15	3	5	2	1	0
16	4	5	2	1	0
17	3	5	3	1	0
18	3	5	3	2	0
19	2	0	3	2	0
20	3	5	3	2	0
21	0	0	3	2	0
22	0	0	3	2	0
23	0	2	3	2	0
24	0	2	3	2	0
25	0	6	3	2	0
26	0	6	3	2	0
27	0	6	3	2	0
28	0	6	3	1	0
29	0	6	3	1	3
30	0	7	3	1	4
31	0	-	3	2	1
Mean	2	3	3	2	1
Max.	4	7	7	2	4
Min.	0	0	0	1	0
A.F.	120	190	180	110	30
Water diverted	630 A.F.				
	Acreeage reported				
	D-354 111				
	A-4818 67				
	Total 178				

DAILY DIVERSIONS OF CANALS--1960

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

Date	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	902	0	1053	1940	1970	1303
2	0	905	0	1045	1944	1963	1297
3	0	905	0	1059	1937	1954	1300
4	0	907	0	1143	1940	1960	1303
5	0	910	0	1189	1940	1960	1303
6	0	907	0	1220	1944	1957	1303
7	0	905	0	1275	1947	1947	1306
8	0	899	0	1269	1950	1947	1300
9	0	896	0	1272	1950	1944	1241
10	0	899	0	1313	1950	1940	1241
11	0	905	0	1322	1950	1897	979
12	0	880	0	1328	1947	1861	611
13	0	611	0	1322	1950	1858	200
14	0	223	0	1278	1957	1864	0
15	0	0	0	1272	1967	1815	0
16	324	0	0	1285	1957	1716	0
17	598	0	0	1285	1963	1716	0
18	742	0	0	1285	1977	1703	0
19	850	0	0	1331	1993	1630	0
20	863	0	0	1424	1996	1502	0
21	863	0	0	1478	1993	1427	0
22	858	0	0	1544	2000	1459	0
23	899	0	0	1617	1996	1482	0
24	899	0	0	1666	2000	1475	0
25	905	0	0	1683	2000	1431	0
26	910	0	0	1759	2000	1437	0
27	907	0	0	1891	1956	1357	0
28	907	0	0	1900	2000	1335	0
29	902	0	0	1903	1990	1341	0
30	902	0	607	1940	1983	1338	0
31	905	-	910	---	1980	1316	-
Mean	427	388	49	1412	1968	1694	490
Max.	910	910	910	1940	2000	1970	1306
Min.	0	0	0	1045	1937	1316	0
A.F.	26250	23120	3010	84000	120990	104140	29130
Water diverted	390640 A.F.						
	Pathfinder storage included						
	Acreeage reported						
	A-768 Neb 111659						
	A-768 Wyo 15250						
	Total 126949						

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	2
2	0	0	0	0	2
3	0	0	0	0	2
4	0	0	0	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	3
10	0	0	0	0	4
11	0	0	0	0	4
12	0	0	0	0	4
13	0	0	0	0	4
14	0	0	0	0	4
15	0	0	0	0	4
16	0	0	0	0	4
17	0	0	0	3	1
18	0	0	0	2	0
19	0	0	0	1	0
20	0	0	0	1	0
21	0	0	0	1	0
22	0	0	0	3	0
23	0	0	0	2	0
24	0	0	0	2	0
25	0	0	0	2	0
26	0	0	0	2	0
27	0	0	0	2	0
28	0	0	0	2	0
29	0	0	0	2	0
30	0	0	0	2	0
31	0	-	0	2	-
Mean	0	0	0	1	2
Max.	0	0	0	3	4
Min.	0	0	0	0	0
A.F.	0	0	0	60	100
Water diverted	160 A.F.				
	Acreeage reported				
	D-511 146				

DAILY DIVERSIONS OF CANALS--1960

KEARNEY CANAL from Platte River  
Measured through section of canal--Sec. 33-9-17 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	240	0	0	0	0	0	0	0	162	203	80	53
2	158	0	0	0	0	0	0	0	181	189	77	41
3	32	0	0	0	0	0	0	0	172	181	73	26
4	63	0	0	0	0	0	0	0	162	220	76	25
5	218	0	0	0	0	0	0	0	173	199	83	27
6	249	0	0	0	0	0	0	139	195	168	82	20
7	256	0	0	0	0	0	0	172	197	173	86	17
8	240	0	0	0	0	0	0	193	216	175	102	18
9	156	0	0	0	0	0	0	228	160	207	137	35
10	0	0	0	0	0	0	0	220	73	207	155	39
11	0	0	0	0	0	0	0	216	54	201	129	42
12	0	0	0	0	0	0	0	212	124	207	100	46
13	0	0	0	0	0	0	0	193	207	195	108	34
14	0	0	0	0	0	0	0	107	164	195	102	35
15	0	0	0	0	0	0	0	107	43	216	77	56
16	0	0	38	0	0	0	0	232	26	177	58	52
17	0	0	69	0	0	0	0	216	106	162	70	48
18	0	0	72	0	0	0	0	197	130	193	80	60
19	0	0	35	0	0	0	0	222	106	177	69	54
20	0	0	69	0	0	0	0	228	63	102	66	29
21	0	0	66	0	0	0	0	222	76	125	84	67
22	0	0	65	0	0	0	0	185	181	127	69	228
23	0	0	52	0	0	0	0	189	187	118	52	166
24	0	0	10	0	0	0	0	175	197	112	51	94
25	0	0	10	0	0	0	0	179	166	108	50	177
26	0	0	8	0	0	0	0	181	179	110	61	234
27	0	0	8	0	0	0	0	130	187	107	61	228
28	0	0	8	0	0	0	0	33	205	102	62	185
29	0	0	0	0	0	0	0	16	212	98	70	83
30	0	0	0	0	-	0	0	77	201	90	77	73
31	0	-	0	0	-	0	-	179	---	86	63	---
Mean	52	0	16	0	0	0	0	143	150	159	81	76
Max.	256	0	72	0	0	0	0	232	216	220	155	234
Min.	0	0	0	0	0	0	0	0	26	86	50	17
A.F.	3200	0	1010	0	0	0	0	8820	8930	9780	4980	4550
Water diverted											Acreage reported	
											D-1023	4253
Sutherland storage included												

DAILY DIVERSIONS OF CANALS--1960

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	198	0	0	0	0	0	66	60	134	147	25	1
2	274	0	0	0	0	0	15	155	139	78	15	0
3	0	0	0	0	0	0	16	189	159	48	3	0
4	0	0	0	0	0	0	44	180	93	25	5	0
5	120	0	0	0	0	0	157	196	69	132	11	0
6	150	0	0	0	0	0	140	196	154	154	16	0
7	180	0	0	0	0	0	139	154	160	118	13	0
8	247	0	0	0	0	0	150	142	184	139	27	0
9	232	0	0	0	0	0	87	189	272	82	37	0
10	22	0	0	0	0	0	56	189	40	108	63	0
11	8	0	0	0	0	0	154	178	22	148	66	0
12	0	0	0	0	0	0	154	180	38	154	42	2
13	0	0	0	0	0	0	108	150	175	162	35	2
14	0	0	0	0	0	0	145	77	193	152	41	0
15	0	0	0	0	0	0	118	44	169	169	29	1
16	0	0	0	0	0	0	100	164	123	196	9	3
17	0	0	0	0	0	0	155	196	38	132	7	7
18	0	0	28	0	0	0	191	189	99	148	15	17
19	0	0	43	0	0	0	240	211	109	178	12	6
20	0	0	18	0	0	0	251	209	66	164	2	0
21	0	0	1	0	0	0	263	208	112	83	0	1
22	0	0	1	0	0	0	228	182	140	86	0	89
23	0	0	0	0	0	0	135	145	171	84	0	191
24	0	0	0	0	0	0	114	157	187	65	0	75
25	0	0	0	0	0	0	184	140	82	63	0	63
26	0	0	0	0	0	0	184	139	66	56	0	219
27	0	0	0	0	0	0	189	154	162	42	1	206
28	0	0	0	0	0	0	193	56	155	43	1	196
29	0	0	0	0	0	0	157	42	193	38	0	58
30	0	0	0	0	-	16	59	4	171	29	0	68
31	0	-	0	0	-	73	---	59	---	25	1	---
Mean	46	0	3	0	0	3	140	146	129	105	15	40
Max.	274	0	43	0	0	73	263	211	272	196	66	219
Min.	0	0	0	0	0	0	15	4	22	25	0	0
A.F.	2840	0	180	0	0	180	8320	8990	7690	6440	940	2390
Water returned												
	37970 A.F.											

DAILY DIVERSIONS OF CANALS--1960

KEITH-LINCOLN COUNTY CANAL from North Platte River  
Measured through Parshall flume--Sec. 18-14-36 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.	
1	65	8	0	51	69	0	113	
2	59	9	0	62	67	0	108	
3	51	8	0	61	69	0	109	
4	51	8	0	41	67	0	108	
5	49	21	0	46	41	0	107	
6	44	9	0	39	0	0	107	
7	39	8	0	44	0	0	107	
8	39	8	6	49	25	0	105	
9	35	8	67	54	71	0	104	
10	35	5	69	60	74	0	81	
11	36	1	69	60	79	74	82	
12	56	0	69	61	81	106	83	
13	71	0	64	62	82	107	82	
14	79	1	60	61	55	109	83	
15	60	6	64	61	0	109	80	
16	48	3	62	62	0	104	79	
17	43	4	45	66	0	70	82	
18	36	0	49	62	0	73	82	
19	33	0	50	61	0	85	81	
20	23	0	45	72	0	82	81	
21	19	0	51	76	67	81	81	
22	28	0	50	75	95	85	83	
23	38	0	53	79	96	83	81	
24	15	0	55	77	95	83	79	
25	5	0	46	80	96	90	79	
26	18	0	51	80	95	96	78	
27	8	0	53	81	96	97	83	
28	6	0	49	82	96	97	82	
29	8	0	43	84	96	97	82	
30	9	0	42	74	96	103	80	
31	7	-	41	-	48	102	-	
Mean	36	4	40	64	57	62	89	
Max.	79	21	69	84	96	109	113	
Min.	5	0	0	39	0	0	78	
A.F.	2210	210	2490	3820	3480	3830	5300	
Water diverted							Acres reported	
	21340 A.F.						D-722	
							5768	
							Kingsley storage included	

DAILY DIVERSIONS OF CANALS--1960

KIMBALL CANAL from Lodgepole Creek  
Measured through section of canal--Sec. 36-13-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	33	45	15
2	0	0	25	46	15
3	0	0	36	46	15
4	0	0	36	46	15
5	0	0	32	43	15
6	0	0	29	42	15
7	0	0	29	42	15
8	0	0	0	42	15
9	0	0	0	42	15
10	0	0	0	41	15
11	0	0	0	42	0
12	0	0	0	42	0
13	0	0	0	43	0
14	0	0	0	0	0
15	0	0	45	0	0
16	0	0	46	35	0
17	0	0	48	38	0
18	0	0	47	38	0
19	0	0	46	38	0
20	0	0	46	38	0
21	0	0	45	38	0
22	0	0	44	38	0
23	0	0	45	38	0
24	0	0	43	27	0
25	0	18	46	27	0
26	0	15	45	22	0
27	0	41	45	21	0
28	0	41	45	21	0
29	0	25	46	0	0
30	0	12	46	15	0
31	0	-	44	15	-
Mean	0	5	33	33	5
Max.	0	41	48	46	15
Min.	0	0	0	0	0
A.F.	0	300	2000	2310	350
Water diverted	4610 A.F.		Acres reported		
			1-897		
			4500		

DAILY DIVERSIONS OF CANALS--1960

LaBELLE CANAL from Niobrara River  
Measured through rating flume--Sec. 6-28-54 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	7	3	3	0	0
2	0	7	3	2	0	0
3	0	7	3	2	0	0
4	0	7	3	2	1	0
5	0	7	3	2	2	0
6	0	7	4	2	2	0
7	0	6	3	2	2	0
8	0	6	3	2	2	0
9	0	6	4	2	3	0
10	0	6	4	3	2	0
11	0	5	4	2	2	0
12	0	5	5	3	2	0
13	0	5	5	3	2	0
14	0	4	5	3	2	0
15	0	3	5	3	3	0
16	0	4	5	3	2	2
17	2	4	5	4	3	3
18	6	4	3	1	3	3
19	7	6	0	0	3	2
20	7	6	0	0	3	2
21	6	5	0	0	3	2
22	6	4	0	0	2	2
23	6	5	0	0	2	3
24	6	5	2	0	2	3
25	6	5	3	0	4	3
26	6	5	3	0	3	3
27	7	5	3	0	3	3
28	7	5	3	0	3	3
29	7	4	3	0	2	3
30	7	4	3	0	2	3
31	-	4	-	0	1	-
Mean	3	5	3	1	2	1
Max.	7	7	5	4	4	3
Min.	0	3	0	0	0	0
A.F.	170	320	180	90	130	80
Water diverted	970 A.F.		Acres reported			
			D-518			
			140			
			A- 60			
			220			
			Total			
			360			

DAILY DIVERSIONS OF CANALS--1960

LaKOTA CANAL from Niobrara River  
Measured through 2-foot Parshall flume--Sec. 1-30-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	3	2	0
2	0	0	4	2	0
3	0	0	4	2	0
4	0	0	3	2	0
5	0	0	3	2	0
6	0	0	3	2	0
7	0	0	3	2	0
8	0	0	3	2	0
9	0	0	3	3	0
10	0	0	3	3	0
11	0	0	3	2	0
12	0	0	3	1	0
13	0	0	3	1	0
14	0	0	3	0	0
15	0	0	3	0	0
16	0	0	3	0	0
17	0	0	3	0	0
18	0	0	3	0	0
19	0	0	3	0	0
20	0	0	3	0	0
21	0	0	3	0	0
22	0	0	3	0	0
23	0	0	3	0	0
24	0	1	3	0	0
25	0	2	3	0	0
26	0	1	3	0	0
27	0	2	3	0	0
28	0	2	3	0	0
29	0	2	2	0	0
30	0	2	2	0	0
31	0	-	2	0	-
Mean	0	0	3	1	0
Max.	0	2	4	3	0
Min.	0	0	2	0	0
A.F.	0	20	180	50	0
Water diverted	250 A.F.		Acres reported		
			D-554		
			410		

DAILY DIVERSIONS OF CANALS--1960

LAST CHANCE CANAL from Pumpkinseed Creek  
Measured through rating flume--Sec. 27-19-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	13	4	0	6
2	4	0	13	3	0	8
3	2	0	13	2	0	8
4	0	0	13	1	0	7
5	0	0	12	1	0	7
6	0	0	11	2	0	7
7	0	0	9	2	0	7
8	0	0	8	2	0	7
9	0	0	8	2	1	8
10	0	0	8	2	1	7
11	0	0	8	6	1	7
12	0	0	8	7	1	7
13	0	6	8	7	0	7
14	0	9	8	6	0	7
15	0	8	9	7	1	8
16	0	6	10	4	1	8
17	0	6	10	3	1	8
18	0	6	10	2	1	8
19	0	6	9	1	1	8
20	0	6	9	1	1	9
21	0	5	9	1	0	10
22	0	6	10	1	1	10
23	0	7	12	1	1	8
24	0	12	5	1	1	8
25	0	12	5	1	1	8
26	0	12	5	0	1	8
27	0	12	5	0	1	9
28	0	12	4	0	1	10
29	0	12	5	0	1	8
30	0	12	4	0	3	8
31	0	13	-	0	6	-
Mean	1	5	9	2	1	8
Max.	10	13	13	7	6	10
Min.	0	0	3	0	0	6
A.F.	30	330	510	140	60	470
Water diverted					Acreage reported	
1540 A.F.					D-883	442

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	7	0	5	0
2	0	7	0	5	0
3	0	5	0	5	0
4	0	1	0	5	0
5	0	0	0	5	1
6	0	2	0	5	3
7	0	4	0	5	3
8	0	4	0	5	3
9	0	4	0	5	3
10	0	5	0	4	2
11	0	5	1	4	2
12	0	5	5	3	0
13	0	5	5	1	1
14	0	5	5	1	2
15	0	5	4	2	0
16	0	5	7	3	0
17	0	5	7	3	0
18	3	4	7	4	0
19	4	4	6	3	0
20	5	5	7	3	0
21	6	5	7	3	0
22	5	5	7	4	0
23	4	4	7	4	0
24	5	4	6	4	0
25	5	4	5	0	0
26	5	4	5	0	0
27	4	3	5	0	0
28	5	2	5	0	0
29	5	1	5	0	0
30	5	0	5	0	0
31	6	-	5	0	0
Mean	2	4	4	3	1
Max.	6	7	7	5	3
Min.	0	0	0	0	0
A.F.	130	240	230	180	40
Water diverted					Acreage reported
820 A.F.					D-479 101
					A-1086 156
					A-1088 35
					A-1152 15
					A-2523 205
					A-2837 102
					A-3592 46
					Total 660

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	13	0	22	5	37	21	23
2	16	0	21	5	27	17	29
3	7	0	16	2	21	18	22
4	2	0	15	1	24	20	30
5	0	0	24	0	20	20	33
6	0	0	19	0	21	19	33
7	0	0	10	16	21	24	31
8	4	0	4	40	20	32	26
9	7	0	6	47	22	32	32
10	5	0	6	65	22	20	36
11	3	0	6	22	29	21	41
12	4	0	9	39	33	20	29
13	8	0	8	52	32	20	22
14	11	0	7	43	24	26	39
15	11	0	7	43	19	23	33
16	0	0	11	44	0	19	36
17	0	0	8	40	0	21	39
18	0	0	9	35	0	12	50
19	0	0	10	24	0	13	40
20	0	0	8	33	0	22	45
21	0	0	8	36	0	20	21
22	0	0	12	37	0	14	36
23	0	0	9	36	0	9	37
24	0	0	8	47	0	14	15
25	0	0	5	29	0	41	30
26	0	0	5	46	0	41	22
27	0	10	2	49	0	36	20
28	0	23	0	52	0	27	21
29	0	8	0	51	0	10	17
30	0	7	1	59	27	17	14
31	0	-	5	-	27	11	-
Mean	3	2	9	33	14	21	30
Max.	16	23	24	65	37	41	50
Min.	0	0	0	0	0	9	15
A.F.	180	100	560	1980	840	1290	1790
Water diverted							
6740 A.F.							

DAILY DIVERSIONS OF CANALS--1960

MCDONALD-STOVER (North) from Niobrara River  
Measured through rating flume--Sec. 25-29-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	7	5	4	4
2	4	0	7	5	3	4
3	4	0	7	5	3	4
4	4	0	7	5	3	4
5	4	0	7	5	3	4
6	4	0	7	5	3	4
7	4	0	7	5	4	4
8	4	0	7	5	4	4
9	4	0	8	6	4	5
10	5	0	8	6	4	5
11	5	0	8	6	4	5
12	5	0	8	6	4	5
13	5	0	8	6	4	5
14	5	0	7	5	4	5
15	5	0	7	5	4	4
16	5	0	7	5	4	4
17	5	0	6	5	5	5
18	5	0	6	5	4	5
19	5	0	6	5	3	5
20	5	0	6	4	4	5
21	5	0	6	4	4	5
22	5	0	5	4	4	5
23	5	0	5	4	4	5
24	5	0	4	4	4	5
25	5	2	4	4	4	5
26	3	8	4	4	4	5
27	0	8	5	4	4	5
28	0	8	5	4	4	4
29	0	8	5	4	4	4
30	0	8	5	4	4	4
31	0	7	6	4	4	-
Mean	4	2	6	5	4	5
Max.	5	8	8	6	5	5
Min.	0	0	4	4	3	4
A.F.	240	100	370	290	240	270
Water diverted						
1510 A.F.						
						Acreage reported
						D-513a 515
						D-980 162
						Total 677

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	3	3	0
2	0	0	3	3	0
3	0	0	3	3	0
4	0	0	3	3	0
5	0	0	3	0	0
6	0	0	3	0	0
7	0	0	3	0	0
8	0	0	4	0	0
9	0	0	4	0	0
10	0	0	3	0	0
11	0	0	3	0	0
12	0	0	3	0	0
13	0	0	3	0	0
14	0	0	3	0	0
15	0	0	4	0	0
16	0	0	4	0	0
17	0	0	4	0	0
18	0	0	4	0	0
19	0	0	4	0	0
20	0	0	4	0	0
21	0	0	4	0	0
22	0	0	4	0	0
23	0	0	4	0	4
24	0	0	4	0	3
25	0	0	4	0	1
26	0	0	4	0	3
27	0	0	4	0	4
28	0	0	4	0	4
29	0	0	4	0	4
30	0	0	4	0	4
31	0	0	3	0	-
Mean	0	0	4	1	1
Max.	0	0	4	3	4
Min.	0	0	3	0	0
A.F.	0	0	220	20	60
Water diverted	300 A.F.		Acreage reported D-351 176		

DAILY DIVERSIONS OF CANALS--1960

McLAUGHLIN CANAL from Niobrara River  
Measured through rating flume--Sec. 9-29-52 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	4	7	4
2	0	0	0	4	6	4
3	0	0	0	3	4	3
4	0	0	0	3	2	2
5	0	0	0	3	0	2
6	1	0	0	3	0	2
7	1	0	0	3	0	2
8	2	0	1	3	0	2
9	2	1	2	3	0	3
10	2	1	2	3	0	4
11	3	1	4	3	0	5
12	3	1	5	3	0	5
13	3	1	5	3	0	4
14	4	2	5	3	2	5
15	4	5	4	3	2	5
16	5	5	4	3	0	4
17	5	5	4	3	0	3
18	5	5	3	4	0	3
19	5	6	4	4	0	3
20	6	6	4	4	0	2
21	5	6	4	5	0	1
22	0	6	4	7	1	1
23	0	5	4	8	2	1
24	0	5	4	7	3	0
25	0	6	4	7	6	0
26	0	3	3	8	4	1
27	0	2	3	6	5	0
28	0	1	3	5	3	0
29	0	1	4	5	2	0
30	0	1	4	5	2	0
31	-	1	-	6	4	-
Mean	2	2	3	4	2	2
Max.	6	6	5	8	7	5
Min.	0	0	0	3	0	0
A.F.	110	150	170	270	110	140
Water diverted	950 A.F.		Acreage reported D-566 500			

DAILY DIVERSIONS OF CANALS--1960

MEEKER-DRIFTWOOD CANAL from Republican River  
Measured through Parshall flume--Sec. 8-2-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	49	0	52	53	250	178
2	49	0	42	53	244	174
3	42	0	42	53	281	162
4	39	0	42	55	284	159
5	39	0	42	69	301	158
6	39	0	48	93	318	158
7	39	0	50	96	320	156
8	39	0	50	96	293	137
9	44	0	46	96	284	138
10	0	0	24	96	265	131
11	0	0	0	103	253	129
12	0	0	0	121	196	109
13	0	0	0	139	174	93
14	0	0	1	153	176	81
15	0	0	1	180	174	74
16	0	0	2	186	183	64
17	0	7	7	196	194	49
18	0	27	7	205	190	44
19	0	45	7	228	180	11
20	0	49	7	251	169	0
21	0	42	19	270	172	0
22	0	56	37	304	182	8
23	0	52	42	320	190	15
24	0	54	53	324	202	0
25	0	69	53	333	202	0
26	0	69	53	329	181	0
27	0	69	53	332	167	14
28	0	69	53	325	167	25
29	0	69	53	287	166	27
30	0	69	53	279	181	28
31	0	63	-	281	172	-
Mean	11	26	31	191	216	77
Max.	49	69	53	333	320	178
Min.	0	0	0	53	166	0
A.F.	690	1610	1860	11710	13310	4610
Water diverted	33790 A.F.					
Acreage reported	D4, 9, 8, 7-2784, A3869b-3487, A3887c-96, A6213-9228, A9690-35, Total 15630					

DAILY DIVERSIONS OF CANALS--1960

MEREDITH-AMMER CANAL from Pumpkinseed Creek  
Measured through rating flume--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	2	8	7	2
2	0	6	7	6	3
3	0	5	8	6	8
4	0	5	8	6	7
5	0	5	8	6	6
6	0	5	7	5	5
7	0	5	7	6	4
8	0	5	6	6	4
9	0	5	6	6	4
10	0	4	4	6	3
11	0	4	5	5	3
12	0	4	7	5	3
13	0	3	7	5	3
14	0	3	6	5	3
15	0	3	6	5	3
16	0	3	6	6	2
17	0	3	6	5	2
18	0	7	6	5	3
19	0	8	6	5	3
20	0	8	1	5	3
21	0	8	0	5	3
22	0	8	0	5	3
23	0	8	4	5	3
24	0	7	5	5	3
25	3	8	5	5	3
26	7	8	6	4	2
27	7	8	5	3	2
28	9	8	1	3	2
29	7	7	1	3	2
30	4	7	1	2	2
31	0	-	4	2	-
Mean	1	6	5	5	3
Max.	9	8	8	7	8
Min.	0	3	0	2	2
A.F.	70	340	310	300	230
Water diverted	1220 A.F.		Acreage reported D-876 430		
			*D-828 144		
			Total 574		
*Belmont appropriation carried by Meredith-Ammer for lands located west of Pumpkinseed Creek in Sec. 12-19-50 W.					

DAILY DIVERSIONS OF CANALS--1960

METTLEN CANAL from Niobrara River  
Measured through rating flume--Sec. 4-2R-54 W.

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

Water diverted 290 A.F.

Acreage reported	
A-292	332
A-1248	53
A-2244	80
Total	465

DAILY DIVERSIONS OF CANALS--1960

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

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

Date	May	June	July	Aug.	Sept.
1	0	0	25	39	31
2	0	0	24	40	30
3	0	0	18	42	29
4	0	0	19	42	28
5	0	0	21	41	30
6	0	0	20	40	34
7	0	15	21	42	36
8	0	20	23	42	38
9	0	25	23	41	39
10	0	20	22	39	36
11	0	17	21	39	32
12	0	22	19	40	32
13	0	24	19	38	32
14	0	27	23	39	33
15	0	27	22	38	34
16	0	29	25	38	35
17	0	22	34	38	30
18	0	22	32	38	21
19	0	20	34	31	29
20	0	18	43	36	21
21	0	21	53	37	20
22	0	19	54	37	14
23	0	18	50	37	15
24	0	14	48	38	16
25	0	14	46	35	14
26	0	16	43	37	7
27	0	17	44	36	0
28	0	18	44	38	0
29	0	16	43	37	0
30	0	22	45	33	0
31	0	--	42	31	-
Mean	0	16	32	38	24
Max.	0	28	54	42	39
Min.	0	0	18	31	0
A.F.	0	950	1980	2340	1400

Water diverted 6670 A.F.

Acreage reported	
A-2293	2401
A-3979a	748
A-3981a	220
A-8920	32
Total	3401

Date	May	June	July	Aug.	Sept.
1	0	0	22	65	43
2	0	0	21	62	43
3	0	0	21	74	45
4	0	0	23	75	43
5	0	0	25	72	45
6	0	0	25	67	46
7	0	0	25	69	44
8	0	0	24	68	44
9	0	0	24	62	40
10	0	24	24	62	41
11	0	36	23	60	40
12	0	27	22	59	38
13	0	23	20	58	28
14	0	24	20	57	27
15	0	26	19	56	28
16	0	27	17	54	28
17	0	21	20	55	33
18	0	20	22	60	33
19	0	16	36	51	29
20	0	15	38	41	28
21	0	17	44	43	22
22	0	24	61	41	13
23	0	24	67	40	19
24	0	22	68	46	21
25	0	21	68	45	16
26	0	18	70	47	5
27	0	16	72	47	0
28	0	14	70	50	0
29	0	14	74	49	0
30	0	20	77	40	0
31	0	--	72	39	-
Mean	0	15	39	55	28
Max.	0	36	78	75	46
Min.	0	0	17	39	0
A.F.	0	900	2420	3400	1670

Water diverted 8390 A.F.

Acreage reported	
A-2293	2596
A-3979b	1521
A-3981b	111
A-4131	16
A-8920	55
Total	4099

db  
11-9-60

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

Date	May	June	July	Aug.	Sept.
1	0	0	56	113	63
2	0	0	57	106	60
3	0	0	53	103	64
4	0	0	52	111	69
5	0	0	54	112	70
6	0	0	53	110	76
7	0	0	50	106	78
8	0	0	49	108	79
9	0	0	49	104	72
10	0	0	45	102	69
11	0	0	42	106	64
12	0	0	41	106	55
13	0	22	38	103	51
14	0	50	36	102	51
15	0	62	36	99	51
16	0	64	32	96	43
17	0	52	36	106	41
18	0	50	40	110	38
19	0	47	53	110	32
20	0	51	76	101	34
21	0	53	105	96	31
22	0	49	98	95	11
23	0	52	87	94	5
24	0	52	92	100	2
25	0	50	102	94	0
26	0	50	113	83	0
27	0	49	116	88	0
28	0	53	124	74	0
29	0	51	120	72	0
30	0	51	113	67	0
31	0	--	111	66	--
Mean	0	30	69	98	40
Max.	0	64	124	113	79
Min.	0	0	32	66	0
A.F.	0	1800	4220	6040	2400

Water diverted		Acreage reported	
14460 A.F.		A-2293	4277
		A-3979c	4665
		A-3981c	82
		Total	9024

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

Date	May	June	July	Aug.	Sept.
1	0	0	37	121	60
2	0	0	36	118	76
3	0	0	36	121	88
4	0	0	36	120	90
5	0	0	35	120	87
6	0	0	36	122	86
7	0	29	35	120	93
8	0	58	35	118	117
9	0	66	36	102	120
10	0	67	33	81	119
11	0	61	30	78	106
12	0	57	30	87	52
13	0	49	30	89	84
14	0	42	31	88	79
15	0	41	32	88	78
16	0	38	28	90	78
17	0	36	56	95	71
18	0	56	92	103	63
19	0	35	97	107	56
20	0	33	102	97	46
21	0	34	115	90	32
22	0	34	118	92	36
23	0	33	122	91	55
24	0	33	127	95	19
25	0	36	125	93	0
26	0	36	125	89	0
27	0	37	113	90	0
28	0	37	122	90	0
29	0	37	122	85	0
30	0	38	118	74	0
31	0	--	119	69	--
Mean	0	33	71	98	61
Max.	0	67	129	122	120
Min.	0	0	28	69	0
A.F.	0	1990	4400	6010	3640

Water diverted		Acreage reported	
16040 A.F.		A-2293	5880
		A-3979d	2289
		A-3981d	322
		A-5135	180
		Total	8671

DAILY DIVERSIONS OF CANALS—1960

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
SPILLWAY CANAL NO. 1 returned to Middle Loup River  
Sec. 27-13-17 W.

Date	May	June	July	Aug.	Sept.
1	0	0	8	0	0
2	0	0	8	0	0
3	0	0	8	0	0
4	0	0	7	0	0
5	0	0	7	0	0
6	0	0	8	0	0
7	0	0	8	0	0
8	0	4	9	0	0
9	0	9	10	0	0
10	0	6	10	0	0
11	0	4	9	0	1
12	0	4	10	0	2
13	0	6	11	0	2
14	0	7	12	0	6
15	0	7	13	0	9
16	0	7	9	0	10
17	0	8	10	0	13
18	0	6	9	0	11
19	0	5	4	0	9
20	0	4	4	0	9
21	0	6	2	0	13
22	0	7	1	0	9
23	0	6	0	0	9
24	0	5	0	1	11
25	0	4	0	5	10
26	0	4	0	5	10
27	0	4	0	12	2
28	0	1	0	15	0
29	0	1	0	6	0
30	0	6	0	0	0
31	0	--	0	0	--
Mean	0	4	6	1	5
Max.	0	9	13	15	13
Min.	0	0	0	0	0
A.F.	0	240	350	90	270

Water returned	
950 A.F.	

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

Date	May	June	July	Aug.	Sept.
1	0	0	9	10	5
2	0	0	10	5	5
3	0	0	7	4	3
4	0	0	9	7	3
5	0	0	11	8	3
6	0	0	13	15	2
7	0	0	13	22	3
8	0	0	13	24	11
9	0	0	14	27	16
10	0	0	13	30	19
11	0	5	12	26	17
12	0	10	13	20	16
13	0	9	7	18	14
14	0	9	7	15	16
15	0	10	10	15	15
16	0	12	7	13	16
17	0	10	10	12	18
18	0	8	6	17	23
19	0	5	3	24	21
20	0	3	5	16	19
21	0	3	3	14	21
22	0	8	4	14	5
23	0	9	3	10	7
24	0	10	4	14	15
25	0	8	9	20	10
26	0	7	8	19	9
27	0	6	3	21	0
28	0	6	3	19	0
29	0	6	5	20	0
30	0	6	7	12	0
31	0	--	11	6	--
Mean	0	5	8	16	10
Max.	0	12	14	30	23
Min.	0	0	3	4	0
A.F.	0	300	500	950	620

Water returned	
2410 A.F.	

DAILY DIVERSTIONS OF CANALS--1960

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

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

Date	May	June	July	Aug.	Sept.
1	0	0	7	16	12
2	0	0	8	12	3
3	0	0	8	8	0
4	0	0	9	4	0
5	0	0	11	5	0
6	0	0	12	9	0
7	0	0	13	12	5
8	0	0	14	11	15
9	0	0	16	6	18
10	0	0	16	4	20
11	0	0	16	4	21
12	0	0	17	4	21
13	0	0	17	4	20
14	0	0	16	3	21
15	0	2	14	5	24
16	0	6	15	6	24
17	0	6	13	11	20
18	0	2	15	14	25
19	0	0	14	12	20
20	0	0	11	12	19
21	0	0	5	14	21
22	0	2	8	15	14
23	0	1	3	12	6
24	0	3	0	10	6
25	0	2	1	12	4
26	0	2	1	15	0
27	0	3	0	15	0
28	0	4	0	13	0
29	0	4	5	17	0
30	0	5	15	22	0
31	0	-	16	18	-
Mean	0	1	10	10	11
Max.	0	6	17	22	25
Min.	0	0	0	3	0
A.F.	0	80	630	650	670

Water returned  
2030 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	9	9	1
2	0	0	10	8	0
3	0	0	10	9	0
4	0	0	11	9	4
5	0	0	14	7	3
6	0	0	14	9	0
7	0	0	14	12	0
8	0	0	14	14	0
9	0	0	16	17	6
10	0	5	16	15	14
11	0	21	15	9	16
12	0	18	14	6	18
13	0	17	13	8	21
14	0	8	13	6	20
15	0	6	14	7	21
16	0	6	14	5	27
17	0	6	9	1	28
18	0	3	19	4	32
19	0	2	32	5	33
20	0	2	27	12	34
21	0	2	21	17	30
22	0	3	16	14	20
23	0	3	9	14	24
24	0	4	4	15	35
25	0	4	3	19	18
26	0	6	0	23	3
27	0	7	0	18	0
28	0	7	0	15	0
29	0	7	1	18	0
30	0	8	8	13	0
31	0	-	9	7	-
Mean	0	5	12	11	14
Max.	0	21	32	23	35
Min.	0	0	0	1	0
A.F.	0	290	730	680	810

Water returned  
2510 A.F.

DAILY DIVERSTIONS OF CANALS--1960

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1960

	May	June	July	Aug.	Sept.	Total
<b>Diversions:</b>						
Canal No. 1.....	0	950	1920	2340	1400	6670
Canal No. 2.....	0	900	2420	3400	1670	8390
Canal No. 3.....	0	1800	4220	6040	2400	14460
Canal No. 4.....	0	1990	4400	6010	3640	16040
<b>Total Diversions.....</b>	<b>0</b>	<b>5640</b>	<b>13020</b>	<b>17790</b>	<b>9110</b>	<b>45560</b>
<b>Returned through spillways:</b>						
Canal No. 1.....	0	240	350	90	270	950
Canal No. 2.....	0	300	500	990	620	2410
Canal No. 3.....	0	80	630	650	670	2030
Canal No. 4.....	0	290	730	680	810	2510
<b>Total Returned.....</b>	<b>0</b>	<b>910</b>	<b>2210</b>	<b>2410</b>	<b>2370</b>	<b>7900</b>
<b>Net Diverted.....</b>	<b>0</b>	<b>4730</b>	<b>10810</b>	<b>15380</b>	<b>6740</b>	<b>37660</b>



DAILY DIVERSIONS OF CANALS--1960

MIDLAND-OVERLAND CANAL from North Platte River  
Measured through Parshall flume--Sec. 2-16-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	14	0	5	0	1	0
2	15	0	5	0	1	0
3	15	0	5	0	1	0
4	14	0	5	0	1	0
5	9	0	3	0	0	0
6	7	0	3	0	0	0
7	7	0	2	0	0	0
8	7	0	2	1	0	0
9	7	0	2	1	0	0
10	6	0	1	1	0	0
11	6	0	3	0	0	0
12	6	0	5	0	0	0
13	6	0	6	0	0	3
14	6	0	12	0	0	6
15	6	0	14	0	0	13
16	6	0	14	0	0	16
17	5	0	15	0	0	18
18	4	0	15	0	0	24
19	4	0	14	0	0	23
20	3	0	12	0	0	22
21	4	0	12	0	0	22
22	4	0	11	0	0	22
23	4	0	12	0	0	27
24	5	0	12	0	0	25
25	1	0	11	0	0	17
26	0	0	9	0	0	16
27	0	4	2	1	0	18
28	0	7	0	1	0	17
29	0	10	14	1	0	17
30	0	7	15	1	0	20
31	0	6	—	1	0	—
Mean	6	1	8	0	0	11
Max.	15	10	15	1	1	27
Min.	0	0	0	0	0	0
A.F.	340	70	480	20	10	640
Water diverted				Acreage reported		
1560 A.F.				D-789 1000		
				D-791 1104		
				(A-1742 O.D.D-800 110		
				Total 2214		

DAILY DIVERSIONS OF CANALS--1960

MINATARE CANAL from North Platte River  
Measured through rating flume--Sec. 32-22-54 W.

Date	May	June	July	Aug.	Sept.	
1	0	63	85	90	74	
2	0	75	79	85	75	
3	0	90	80	81	75	
4	12	88	84	88	76	
5	15	86	85	95	72	
6	13	82	84	94	70	
7	13	82	86	91	71	
8	13	80	90	91	70	
9	23	62	90	90	62	
10	28	56	89	86	55	
11	29	41	50	92	54	
12	34	5	70	96	50	
13	41	5	85	96	47	
14	50	30	86	97	42	
15	51	28	85	100	40	
16	54	28	80	100	41	
17	57	32	94	96	44	
18	58	29	91	97	45	
19	55	30	87	93	44	
20	52	39	90	85	43	
21	51	42	94	83	43	
22	51	45	101	80	41	
23	56	42	103	24	42	
24	54	46	101	15	39	
25	73	58	101	49	42	
26	80	67	107	58	35	
27	75	79	104	55	35	
28	77	84	102	55	32	
29	68	81	98	54	30	
30	66	80	98	53	24	
31	63	—	92	66	—	
Mean	42	55	89	79	50	
Max.	80	90	107	100	75	
Min.	0	5	50	15	24	
A.F.	2600	3280	5500	4830	3000	
Water diverted				Acreage reported		
19210 A.F.				D-919 9440		
	*Does not include optional diversion acreage.					

DAILY DIVERSIONS OF CANALS--1960

MIRAGE FLATS CANAL from Niobrara River  
Measured through 10-foot Parshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.	
1	0	0	0	117	77	
2	0	0	0	126	88	
3	0	0	0	131	96	
4	0	0	5	132	97	
5	0	31	48	133	103	
6	0	44	61	126	102	
7	0	44	73	127	84	
8	0	44	86	130	84	
9	0	43	113	125	75	
10	0	46	117	118	67	
11	0	53	132	112	64	
12	0	52	155	103	48	
13	0	51	154	86	44	
14	0	51	158	88	44	
15	0	51	160	97	50	
16	0	48	159	105	50	
17	0	47	159	106	54	
18	0	48	159	118	54	
19	0	51	158	112	67	
20	0	65	155	105	82	
21	0	67	153	107	101	
22	0	67	152	113	109	
23	0	67	147	115	107	
24	0	67	145	118	91	
25	0	67	134	47	42	
26	0	67	118	0	0	
27	0	70	117	0	0	
28	0	68	111	0	0	
29	0	58	108	30	0	
30	0	44	104	51	0	
31	0	—	105	64	—	
Mean	0	47	111	95	63	
Max.	0	70	160	133	109	
Min.	0	0	0	0	0	
A.F.	0	2800	6830	5840	3730	
Water diverted				Acreage reported		
19200 A.F.				A-2623 9320		
				A-3729 2058		
				Total 11378		

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.	
1	0	160	170	74	66	
2	0	150	171	81	52	
3	0	150	175	79	0	
4	0	150	177	79	0	
5	0	150	178	81	0	
6	0	150	217	82	0	
7	0	153	139	83	0	
8	0	155	104	82	0	
9	0	163	77	68	0	
10	0	150	107	76	0	
11	0	150	117	73	0	
12	0	150	81	71	0	
13	0	150	81	70	0	
14	0	150	82	66	0	
15	0	150	74	68	0	
16	58	150	76	67	0	
17	119	155	89	68	0	
18	133	153	84	61	0	
19	139	157	88	68	0	
20	140	159	82	70	0	
21	142	156	79	70	0	
22	142	154	78	78	0	
23	146	150	84	71	0	
24	151	150	82	70	0	
25	148	150	81	68	0	
26	142	170	80	65	0	
27	146	170	81	69	0	
28	146	170	83	77	96	
29	151	170	78	79	230	
30	149	198	78	77	167	
31	151	—	71	75	—	
Mean	71	156	105	73	20	
Max.	151	198	217	83	230	
Min.	0	150	71	61	0	
A.F.	4370	9310	6430	4500	1210	
Water diverted				Acreage reported		
25820 A.F.				D-1052 13633		
Glendo storage included						

DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

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

MOORE-KAY CANAL from Niobrara River  
Measured through rating flume--Sec. 9-28-53 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0.1	0
2	0	0	0	.2	0
3	0	0	0	.2	0
4	0	0	0	0	0
5	0	0	0	0.1	0
6	0	0	0	.1	0
7	0	0	0	.1	0
8	0	0	0	.2	0
9	0	0	0	.1	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0.1	0	0
13	0	0	.2	0	0
14	0	0	.3	0	0
15	0	0	.3	0	0
16	0	0	.3	0	0
17	0	0	.4	0	0
18	0	0	.4	0	0
19	0	0	.4	0	0
20	0	0.2	.6	0	0
21	0	.2	.6	0	0
22	0	.2	.7	0	0
23	0	.3	.7	0	0
24	0	.3	.7	0	0
25	0	.3	.5	0	0
26	0	.3	.2	0	0
27	0	.3	.1	0	0
28	0	.5	.1	0	0
29	0	.3	0	0	0
30	0	.2	0	0	0
31	0	---	0	0	---
Mean	0	0.1	0.2	0	0
Max.	0	.5	.7	0.2	0
Min.	0	0	0	0	0
A.F.	0	6	14	2	0
Water diverted				Acreage reported	
	22 A.F.			A-575	32
				A-2754	20
				A-3923	42
				Total	94

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	7	5	0	0	6	3	4
2	7	3	0	0	5	3	4
3	7	0	0	0	5	3	4
4	8	0	0	0	5	3	4
5	8	0	0	0	5	3	4
6	8	0	0	0	5	3	4
7	7	0	0	0	5	3	4
8	7	0	0	0	5	5	5
9	8	0	0	0	5	5	4
10	9	0	0	0	5	5	0
11	9	0	0	0	5	4	0
12	9	0	0	0	5	4	0
13	7	0	0	0	5	4	0
14	5	0	0	0	5	4	0
15	5	0	0	0	6	4	0
16	5	0	0	0	6	4	0
17	5	0	0	4	6	4	0
18	5	0	0	6	6	5	0
19	5	0	0	6	6	5	0
20	6	0	0	6	6	4	0
21	6	0	0	7	6	4	0
22	6	0	0	6	4	4	0
23	6	0	0	6	4	4	0
24	6	0	0	6	4	4	0
25	6	0	0	6	4	5	0
26	5	0	0	5	4	5	0
27	5	0	0	6	3	5	0
28	5	0	0	5	3	4	0
29	5	0	0	5	3	4	0
30	5	0	0	6	4	4	0
31	5	0	0	4	4	3	0
Mean	6	0	0	3	5	4	1
Max.	9	5	0	7	6	5	5
Min.	5	0	0	0	3	3	0
A.F.	390	20	0	160	300	240	70
Water diverted						Acreage reported	
	1180 A.F.					A-88	400

DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

MAPONEE CANAL from Republican River  
Measured through Sparling Meter--Sec. 14-1-17 W.

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	25	0
2	0	0	0	32	0
3	0	0	0	35	0
4	0	0	0	36	0
5	0	0	0	36	0
6	0	0	0	37	7
7	0	0	0	37	11
8	0	0	4	37	11
9	0	0	0	35	11
10	0	0	0	32	9
11	0	0	4	28	7
12	0	0	7	26	5
13	0	0	7	26	2
14	0	0	7	24	0
15	0	0	9	23	0
16	0	0	12	23	0
17	0	0	14	19	0
18	0	0	22	13	0
19	0	0	27	8	0
20	0	0	30	6	0
21	0	0	34	6	0
22	0	0	39	7	0
23	0	0	39	8	0
24	0	0	39	4	0
25	0	0	38	0	0
26	0	0	38	0	0
27	0	0	38	0	0
28	0	0	38	0	0
29	0	0	38	0	0
30	0	0	38	0	0
31	0	0	32	0	---
Mean	0	0	18	18	2
Max.	0	0	39	37	11
Min.	0	0	0	0	0
A.F.	0	0	1100	1120	120
Water diverted				Acreage reported	
	2340 A.F.			A-4217	1358
				A-6020	81
				A-4003	87
				Total	1526

Date	May	June	July	Aug.	Sept.
1	0	74	22	0	66
2	0	52	21	0	66
3	0	29	0	31	66
4	0	27	0	62	67
5	0	27	0	32	67
6	0	27	0	16	68
7	0	33	0	15	66
8	0	44	0	27	66
9	0	24	24	59	67
10	0	66	49	57	69
11	16	67	41	54	70
12	51	0	51	56	69
13	66	0	25	65	69
14	68	43	21	66	48
15	82	73	21	59	42
16	109	71	0	54	41
17	77	70	0	53	43
18	77	77	0	55	43
19	77	76	0	55	43
20	77	75	0	55	41
21	76	74	0	55	41
22	77	77	0	54	42
23	76	76	0	54	42
24	72	79	0	58	40
25	71	69	0	67	39
26	73	54	0	71	39
27	77	59	34	66	40
28	79	42	31	69	41
29	90	35	0	66	42
30	89	28	0	66	45
31	90	---	0	66	---
Mean	51	52	11	50	53
Max.	109	79	51	71	70
Min.	0	0	0	0	39
A.F.	3120	3070	670	3100	3150
Water diverted				Acreage reported	
	13110 A.F.			D-925	5615
				O.D.P.-262	71
				Total	5686

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	66	45	194	122
2	0	15	40	190	117
3	0	22	38	189	136
4	0	40	44	189	149
5	0	51	41	156	149
6	0	44	45	0	157
7	0	58	46	10	160
8	0	59	44	72	132
9	0	55	44	54	128
10	0	58	39	64	114
11	0	64	37	64	107
12	0	73	40	78	111
13	0	66	34	93	90
14	0	69	38	104	128
15	0	72	38	121	79
16	0	62	45	141	74
17	0	80	70	171	75
18	0	34	86	181	70
19	0	54	100	183	74
20	0	61	116	185	73
21	0	66	130	180	0
22	0	44	154	176	17
23	0	54	171	177	44
24	0	57	177	178	34
25	0	56	185	163	40
26	0	56	186	162	36
27	0	58	189	149	36
28	0	59	188	137	41
29	0	42	189	135	34
30	0	45	192	121	28
31	45	--	193	118	--
Mean	1	55	96	133	85
Max.	45	80	193	194	160
Min.	0	15	34	0	0
A.F.	90	3250	5920	8200	5070
Water diverted					
	22530 A.F.				

Acres reported

A-2155	136
A-2312	12540
A-2417	183
A-3980a	802
A-3982a	721
A-4400	29
A-6430	54
Total	14465

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	36	36	107	63
2	0	30	35	110	75
3	0	29	33	114	84
4	0	33	34	110	104
5	0	38	35	106	102
6	0	42	31	29	56
7	0	49	31	0	93
8	0	51	30	20	84
9	0	54	29	45	73
10	0	49	23	43	63
11	0	55	22	35	65
12	0	55	21	48	64
13	0	55	22	63	102
14	0	53	21	76	40
15	0	60	23	88	68
16	0	68	26	102	34
17	0	34	42	113	37
18	0	0	55	108	28
19	0	13	63	102	21
20	0	48	80	101	16
21	0	42	96	96	2
22	0	30	106	98	0
23	0	30	110	102	0
24	0	30	118	102	0
25	0	28	113	85	0
26	0	29	108	90	0
27	0	27	102	89	0
28	0	29	108	81	0
29	0	30	113	86	0
30	0	29	110	72	0
31	34	--	109	53	--
Mean	1	39	61	80	44
Max.	34	68	118	114	104
Min.	0	0	21	0	0
A.F.	70	2290	3740	4910	2610
Water diverted					
	13620 A.F.				

Acres reported

A-2312	5683
A-3228	39
A-3950b	982
A-3932b	861
A-5133	50
A-6943	16
Total	7631

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	30	21	96	38
2	0	24	24	95	44
3	0	24	24	94	44
4	0	28	24	71	43
5	0	35	22	0	43
6	0	38	19	0	42
7	0	39	20	0	41
8	0	41	20	25	34
9	0	39	20	28	27
10	0	42	20	33	29
11	0	49	20	48	27
12	0	52	20	59	24
13	0	48	20	66	24
14	0	49	21	72	23
15	0	52	23	85	24
16	0	55	26	97	20
17	0	55	38	96	19
18	0	56	47	87	20
19	0	50	54	83	12
20	0	53	61	76	13
21	0	49	70	72	7
22	0	39	79	68	11
23	0	34	93	68	12
24	0	33	99	68	12
25	0	32	98	68	11
26	0	22	101	68	12
27	0	9	102	67	12
28	0	17	103	66	13
29	0	32	101	64	12
30	0	29	98	55	11
31	46	--	97	44	--
Mean	1	38	51	62	23
Max.	46	56	103	97	44
Min.	0	9	19	0	7
A.F.	90	2290	3150	3810	1400
Water diverted					
	10740 A.F.				

Acres reported

A-2312	5790
A-3930c	371
A-3932c	265
A-4231	26
Total	6452

DAILY DIVERSIONS OF CANALS--1960

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY AT 10.88 returned to North Loup River  
Measured through 8-foot weir--Sec. 33-21-17 W.

Date	May	June	July	Aug.	Sept.
1	0	5	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	5	--	0	0	--
Mean	0.2	0.2	0	0	0
Max.	5	5	0	0	0
Min.	0	0	0	0	0
A.F.	10	10	0	0	0
Water returned					
	20 A.F.				

DAILY DIVERSIONS OF CANALS--1960

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

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

Water returned  
20 A.F.

DAILY DIVERSIONS OF CANALS--1960

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY AT 29.93 returned to North Loup River  
Measured through 8-foot weir--Sec. 35-20-15 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	5	0	0	0
3	0	4	0	0	0
4	0	0	0	0	0
5	0	0	0	2	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	1	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	1	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0.4	0	0.1	0
Max.	0	5	0	2	0
Min.	0	0	0	0	0
A.F.	0	20	0	0	0

Water returned  
20 A.F.

DAILY DIVERSIONS OF CANALS--1960

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
TAYLOR-ORD SPILLWAY AT 33.90 returned to North Loup River via Dame Creek

Date	May	June	July	Aug.	Sept.
1	0	0	3	1	2
2	0	0	3	1	2
3	0	0	3	1	2
4	0	0	3	1	2
5	0	1	3	1	2
6	0	2	3	1	2
7	0	3	3	0	3
8	0	3	3	0	4
9	0	3	3	1	5
10	0	2	3	1	5
11	0	2	3	1	5
12	0	2	3	1	5
13	0	2	3	2	5
14	0	2	3	2	5
15	0	2	3	2	5
16	0	2	3	2	5
17	0	2	3	2	5
18	0	2	3	2	5
19	0	2	3	2	5
20	0	2	3	2	5
21	0	2	3	2	5
22	0	2	1	2	2
23	0	2	1	2	0
24	0	2	1	2	1
25	0	3	1	2	2
26	0	4	1	2	2
27	0	4	1	2	2
28	0	4	0	2	2
29	0	3	1	2	2
30	0	3	1	2	2
31	0	-	1	2	-
Mean	0	2	2	2	3
Max.	0	4	3	2	5
Min.	0	0	0	0	0
A.F.	0	120	140	100	190

Water returned  
550 A.F.

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	11	4	15
2	0	0	10	4	14
3	0	1	7	4	9
4	0	1	7	5	10
5	0	2	10	8	13
6	0	8	7	15	12
7	0	5	9	1	11
8	0	8	12	0	13
9	0	10	12	25	16
10	0	5	12	14	16
11	0	1	10	7	13
12	0	2	9	0	12
13	0	5	11	10	13
14	0	4	9	14	5
15	0	2	9	12	13
16	0	3	7	6	0
17	0	3	8	4	1
18	0	6	11	7	3
19	0	4	8	7	5
20	0	2	6	7	8
21	0	11	2	6	11
22	0	13	0	6	1
23	0	10	0	5	0
24	0	13	0	6	5
25	0	13	1	10	3
26	0	13	0	13	7
27	0	15	0	17	3
28	0	15	0	22	1
29	0	15	1	20	8
30	0	11	2	16	6
31	0	-	3	13	-
Mean	0	7	6	9	8
Max.	0	15	12	25	16
Min.	0	0	0	0	0
A.F.	0	400	390	570	490

Water returned  
1050 A.F.

DAILY DIVERSIONS OF CANALS--1960

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

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

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	9	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	2	0
6	0	0	0	4	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	3	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	8
15	0	0	0	0	2
16	0	2	0	0	0
17	0	0	0	0	0
18	0	9	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	3	-	0	0	-
Mean	0.1	0.7	0	0.3	0.3
Max.	3	9	0	4	8
Min.	0	0	0	0	0
A.F.	10	40	0	20	20
Water returned	90 A.F.				

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	2	8	2	2
2	0	6	9	2	1
3	0	3	9	2	1
4	0	2	9	3	5
5	0	2	9	4	9
6	0	4	9	8	11
7	0	3	9	3	11
8	0	5	9	0	10
9	0	6	9	3	11
10	0	5	9	11	10
11	0	3	6	9	10
12	0	4	6	5	11
13	0	5	6	6	12
14	0	4	6	9	12
15	0	3	5	9	12
16	0	2	5	7	13
17	0	4	6	6	12
18	0	5	9	8	12
19	0	0	10	9	11
20	0	0	10	9	10
21	0	3	9	9	9
22	0	10	6	8	4
23	0	6	5	5	1
24	0	7	5	6	0
25	0	5	5	7	0
26	0	5	4	7	0
27	0	8	3	9	0
28	0	6	3	10	0
29	0	6	3	9	0
30	0	7	3	11	0
31	0	-	3	9	-
Mean	0	7	7	7	7
Max.	0	10	10	11	13
Min.	0	0	3	0	0
A.F.	0	260	410	410	390
Water returned	1470 A.F.				

DAILY DIVERSIONS OF CANALS--1960

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

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

DAILY DIVERSIONS OF CANALS--1960

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 ORD-NORTH LOUP SPILLWAY AT 4.80 returned to North Loup River  
 Measured through 8-foot weir--Sec. 32-19-13 W.

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

DAILY DIVERSIONS OF CANALS--1960

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
 ORD-NORTH LOUP SPILLWAY AT 11.71 returned to North Loup River  
 Measured through 8-foot weir--Sec. 27-18-13 W.

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

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	2	8	10	7
2	0	6	8	9	7
3	0	4	8	8	10
4	0	2	9	8	10
5	0	3	9	11	10
6	0	5	8	7	9
7	0	5	7	1	11
8	0	4	7	0	11
9	0	5	7	8	10
10	0	2	7	7	10
11	0	1	5	4	11
12	0	2	6	4	11
13	0	2	6	7	11
14	0	1	4	11	11
15	0	1	4	12	10
16	0	3	4	11	11
17	0	5	5	13	10
18	0	4	6	14	11
19	0	1	6	15	8
20	0	1	5	14	6
21	0	14	5	13	6
22	0	16	4	11	3
23	0	15	3	8	6
24	0	15	4	7	6
25	0	15	6	7	7
26	0	14	6	6	8
27	0	14	8	6	7
28	0	6	9	7	7
29	0	5	10	9	7
30	0	13	10	9	7
31	0	-	10	8	-
Mean	0	6	7	9	9
Max.	0	16	10	15	11
Min.	0	1	3	0	3
A.F.	0	370	400	530	510
Water returned	1810 A.F.				

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT  
Summary in Acre-feet--1960

	May	June	July	Aug.	Sept.	Total
<b>Diversions:</b>						
Taylor-Ord.....	90	3250	5920	8200	5070	22530
Burwell-Sumter....	70	2290	3740	4910	2610	13620
Ord-North Loup....	90	2290	3150	3810	1400	10740
<b>Total diversion.....</b>	<b>250</b>	<b>7830</b>	<b>12810</b>	<b>16920</b>	<b>9080</b>	<b>46890</b>
<b>Returned through spillway:</b>						
Taylor-Ord.....	10	560	530	680	680	2460
Burwell-Sumter....	10	310	420	480	450	1670
Ord-North Loup....	10	380	400	550	520	1860
<b>Total returned.....</b>	<b>30</b>	<b>1250</b>	<b>1350</b>	<b>1710</b>	<b>1650</b>	<b>5990</b>
<b>Net diverted.....</b>	<b>220</b>	<b>6580</b>	<b>11460</b>	<b>15210</b>	<b>7430</b>	<b>40900</b>

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	85	0	70	124	239	206
2	85	0	103	119	239	201
3	87	0	101	125	244	206
4	79	0	126	135	241	192
5	79	0	166	114	241	200
6	63	0	151	128	244	204
7	43	0	159	125	243	201
8	38	0	155	120	233	182
9	33	0	124	134	230	182
10	32	0	129	106	227	181
11	31	10	142	125	225	175
12	21	57	142	160	218	162
13	7	60	122	186	206	163
14	7	41	112	225	207	173
15	8	3	117	244	210	182
16	8	2	114	247	211	157
17	8	3	113	247	223	140
18	8	23	120	241	222	157
19	8	69	111	244	218	163
20	8	49	123	247	206	159
21	7	44	125	243	203	156
22	0	60	106	244	207	168
23	0	52	122	246	208	140
24	0	50	125	246	218	91
25	0	88	103	249	218	75
26	0	74	103	244	211	73
27	0	66	113	239	208	79
28	0	120	118	246	208	75
29	0	77	126	244	207	70
30	0	70	122	243	198	68
31	0	55	---	244	198	---
Mean	24	35	122	196	220	153
Max.	85	120	166	249	244	206
Min.	0	0	70	106	198	68
A.F.	1480	2130	7260	12070	13510	9080
Water diverted					Acreage reported	
45530 A.F.					D-635	14067
Kingsley storage included						

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	183	211	133
2	0	0	183	203	64
3	0	0	162	198	35
4	0	0	175	182	64
5	0	0	190	185	71
6	0	0	191	190	105
7	0	0	202	170	141
8	0	0	188	152	126
9	0	0	154	171	37
10	0	0	139	174	4
11	0	0	136	169	10
12	0	0	166	178	0
13	0	59	148	181	39
14	0	68	145	171	0
15	0	75	184	165	0
16	0	109	205	172	0
17	0	109	213	184	0
18	0	76	206	167	0
19	0	98	211	165	9
20	0	129	216	164	42
21	0	119	225	163	26
22	0	148	235	143	7
23	0	100	232	118	0
24	0	92	200	99	22
25	0	125	204	127	34
26	0	149	213	151	0
27	0	157	225	166	0
28	0	141	219	167	14
29	0	135	218	158	63
30	0	166	246	158	0
31	0	---	241	148	---
Mean	0	68	195	165	35
Max.	0	166	246	211	141
Min.	0	0	136	99	0
A.F.	0	4080	12010	10140	2070
Water diverted					
28300 A.F.					
Pathfinder storage included					

DAILY DIVERSIONS OF CANALS--1960

NORTHPORT CANAL from Drains  
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	0	118	157	175
2	0	0	114	155	177
3	0	0	119	158	180
4	0	0	121	166	182
5	0	0	124	165	182
6	0	0	125	168	186
7	0	0	122	170	193
8	0	0	126	174	194
9	0	0	125	175	196
10	0	0	129	169	196
11	0	0	129	164	193
12	0	47	131	165	182
13	0	112	131	163	187
14	0	111	136	163	170
15	0	110	139	165	146
16	0	111	138	164	156
17	0	108	147	163	157
18	0	109	144	167	171
19	0	109	142	165	179
20	0	109	140	164	177
21	0	108	143	163	177
22	0	107	144	157	176
23	0	104	143	154	174
24	0	102	148	171	176
25	0	104	150	181	174
26	0	102	145	179	140
27	0	106	150	178	123
28	0	107	151	176	82
29	0	111	152	175	34
30	0	115	154	172	0
31	0	---	155	172	-
Mean	0	66	137	167	161
Max.	0	115	155	181	196
Min.	0	0	114	155	0
A. F.	0	3950	8400	10270	9590
Water diverted					
32210 A.F.					

DAILY DIVERSIONS OF CANALS--1960

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT  
Summary in Acre-feet--1960

Section Township Range	May	June	July	Aug.	Sept.	Total	
Diverted from:							
North Platte River	10-23-58	0	4080	12010	10140	2070	28300
*Sheep Creek	17-23-57	0	2200	4410	5330	4900	16840
*Akers Draw	12-23-57	0	300	670	740	550	2260
*Tub Springs	27-23-55	0	720	1510	1680	1460	5370
*Spotted Tail, Dry	9-23-56	0	370	1180	1520	1110	4180
*Spotted Tail, Wet	10-23-56	0	360	630	1000	1570	3560
*Moffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		0	8030	20410	20410	11660	60510
Water diverted							
60510 A.F.							
Acreage reported							
A-768 16109							

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



DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	10	5	37	0
2	0	8	4	36	0
3	0	12	4	47	0
4	0	13	4	58	0
5	0	13	4	70	0
6	0	12	5	64	0
7	0	12	6	32	0
8	0	12	6	4	0
9	0	13	6	4	0
10	0	12	5	14	0
11	0	14	8	26	0
12	0	13	8	24	0
13	0	13	8	27	0
14	0	15	7	28	0
15	0	18	7	39	0
16	0	3	8	46	0
17	0	0	6	51	0
18	21	4	6	36	0
19	12	7	7	26	0
20	8	13	22	31	0
21	12	14	38	31	0
22	11	1	48	32	0
23	11	7	61	33	0
24	11	10	60	36	0
25	10	11	72	21	0
26	8	11	77	16	0
27	7	10	77	8	0
28	8	9	67	6	0
29	8	6	57	4	0
30	7	5	55	1	0
31	7	-	44	1	-
Mean	5	11	26	29	0
Max.	21	18	77	70	0
Min.	0	0	4	1	0
A.F.	280	620	1570	1700	0
Water diverted					
	4230 A.F.				
Sutherland storage included					
				Acres reported	
				D-627	5980

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	8	0	0	0	0	0
2	7	0	0	0	0	0
3	5	0	0	0	0	0
4	3	0	0	0	0	0
5	2	0	0	0	0	0
6	2	0	0	0	0	0
7	1	0	0	0	0	0
8	1	0	0	0	0	0
9	2	0	0	0	0	0
10	2	0	0	0	0	0
11	2	0	0	0	0	0
12	2	0	0	0	0	0
13	2	0	0	0	0	0
14	2	0	3	0	0	0
15	2	0	4	0	0	0
16	0	0	3	0	0	0
17	0	0	3	0	0	1
18	0	0	3	0	0	7
19	0	0	3	0	0	10
20	0	0	2	0	0	10
21	0	0	2	0	0	10
22	0	0	2	0	0	16
23	0	0	0	0	0	18
24	0	0	0	0	0	14
25	0	0	0	0	0	11
26	0	0	3	0	0	12
27	0	0	8	0	1	12
28	0	0	6	0	1	12
29	0	0	7	0	0	12
30	0	0	13	0	0	12
31	0	0	-	0	0	-
Mean	1	0	2	0	0	5
Max.	8	0	13	0	1	18
Min.	0	0	0	0	0	0
A.F.	90	0	120	0	0	310
Water diverted						
	520 A.F.					
						Acres reported
						D-797
						1743

DAILY DIVERSIONS OF CANALS--1960

CWASCO CANAL from Lodgepole Creek--Measured  
through rating flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	0	5	6	6
2	0	0	6	5	6
3	0	0	4	5	7
4	0	0	4	4	7
5	0	1	4	5	7
6	0	1	4	5	10
7	0	1	10	5	9
8	0	4	9	5	9
9	0	6	8	6	6
10	0	3	13	5	11
11	0	0	13	12	11
12	0	0	12	5	7
13	0	0	13	10	8
14	0	0	13	11	6
15	0	0	7	5	4
16	0	0	8	5	8
17	0	0	8	4	8
18	0	0	7	4	9
19	0	0	7	5	7
20	0	0	8	5	7
21	0	0	8	4	7
22	0	0	5	4	7
23	0	0	10	4	7
24	0	8	11	4	4
25	0	9	10	6	7
26	0	6	12	6	7
27	0	8	12	7	7
28	0	7	12	7	7
29	0	8	5	5	7
30	0	10	5	8	6
31	0	-	6	6	-
Mean	0	2	8	6	7
Max.	0	10	13	12	11
Min.	0	0	4	4	4
A.F.	0	140	510	350	440
Water diverted					
	1430 A.F.				
					Acres reported
					D-347R
					83
					A-725
					689
					Total
					772

DAILY DIVERSIONS OF CANALS--1960

PAISLEY CANAL from Blue Creek  
Measured through rating flume--Sec. 6-16-42 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	19	0	2	2	7	0	0
2	20	0	2	6	6	0	0
3	20	0	2	9	4	5	0
4	19	0	8	14	0	2	0
5	20	0	15	15	0	5	0
6	20	0	18	17	0	4	0
7	20	0	14	17	0	2	0
8	21	0	14	18	0	1	0
9	20	0	14	18	0	1	0
10	19	0	13	18	0	1	0
11	19	0	13	15	0	1	0
12	20	0	7	17	0	1	0
13	20	0	7	18	0	2	0
14	21	0	7	17	12	3	0
15	21	0	9	18	14	3	5
16	21	0	6	18	21	0	5
17	21	0	10	20	17	0	6
18	21	0	11	20	16	0	6
19	21	0	11	21	15	0	5
20	21	0	8	21	4	0	9
21	17	0	7	22	0	0	11
22	9	0	7	16	0	0	13
23	8	0	8	13	0	0	18
24	5	0	10	13	0	0	15
25	3	0	11	13	0	0	14
26	0	1	10	13	7	0	14
27	0	4	10	13	9	0	14
28	0	6	13	13	5	0	15
29	0	5	13	13	6	0	18
30	0	3	7	14	2	0	18
31	0	-	2	-	0	0	-
Mean	14	1	9	15	5	1	6
Max.	21	6	18	22	21	5	18
Min.	0	0	2	2	0	0	0
A.F.	880	40	570	920	290	60	370
Water diverted							
	3130 A.F.						
							Acres reported
							D- 800
							815
							A- 515
							95
							A-1738
							176
							Total
							1086
							Includes Crescent Lake Storage

DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

PANTON-BENEFIT CANAL from North Platte River  
Measured through Parshall flume--Sec. 18-14-34 W.

PIONEER CANAL from Niobrara River  
Measured through rating flume--Sec. 16-29-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	38	0	6	62	7	87
2	37	0	8	0	6	101
3	32	0	8	0	3	90
4	29	0	12	0	0	80
5	28	0	26	0	0	71
6	25	0	32	0	0	73
7	21	0	54	0	0	64
8	18	0	38	34	0	79
9	9	0	39	84	14	66
10	9	0	45	92	53	85
11	8	0	50	86	62	84
12	9	0	51	92	69	74
13	7	0	50	76	77	65
14	0	0	47	2	74	66
15	0	0	44	0	75	88
16	0	0	41	0	86	69
17	0	0	39	2	98	44
18	0	1	54	54	96	34
19	0	4	53	52	92	38
20	0	1	55	80	92	53
21	0	73	62	89	101	50
22	0	89	62	92	103	53
23	0	98	46	90	93	66
24	0	82	44	89	7	56
25	0	4	42	85	44	38
26	0	0	34	80	100	35
27	0	0	47	74	97	44
28	0	0	58	70	95	41
29	0	0	64	63	99	38
30	0	0	71	49	84	25
31	0	0	--	7	91	--
Mean	9	11	43	49	59	63
Max.	38	98	71	92	103	101
Min.	0	0	6	0	0	25
A.F.	540	700	2550	2960	3620	3760
Water diverted	14160 A.F.			Acreage reported D-653 7358		

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	4	9	0	10	12	9	7	0
2	5	5	0	10	11	7	6	0
3	6	0	0	10	10	7	6	0
4	6	0	0	10	10	7	5	0
5	10	0	0	12	11	7	5	0
6	13	0	0	12	11	9	5	0
7	13	0	0	11	11	8	6	0
8	14	0	0	11	10	8	7	0
9	14	0	0	12	10	8	5	2
10	14	0	0	15	10	8	4	4
11	14	0	0	15	10	8	4	4
12	13	0	0	13	11	9	3	5
13	14	0	0	11	10	9	3	5
14	12	0	0	11	9	9	4	4
15	12	0	9	11	8	9	3	4
16	11	0	17	11	8	9	3	4
17	11	0	14	11	8	7	3	4
18	11	0	10	10	8	6	3	4
19	10	0	10	9	8	6	3	4
20	10	0	10	10	8	6	3	4
21	10	0	7	9	6	7	3	4
22	9	0	7	8	5	7	3	5
23	8	0	8	9	6	7	3	5
24	8	0	9	9	6	9	4	5
25	9	0	8	11	6	12	7	6
26	9	0	8	12	6	12	1	5
27	9	0	8	12	6	12	2	5
28	9	0	8	12	8	12	2	6
29	10	0	9	12	8	12	1	6
30	10	0	9	11	8	9	0	7
31	9	--	--	11	--	8	0	--
Mean	10	1	5	11	9	8	4	3
Max.	14	9	17	15	12	12	7	7
Min.	4	0	0	8	8	7	0	0
A.F.	630	30	300	680	510	520	230	200
Water diverted	3100 A.F.			Acreage reported D-442a 605 A-3812 55 A-5010 192 Total 852				

DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

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

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

Date	May	June	July	Aug.	Sept.
1	0	6	8	6	6
2	0	6	9	6	6
3	0	6	8	6	6
4	0	7	8	6	6
5	0	7	8	6	6
6	0	7	8	6	6
7	0	7	8	6	8
8	0	7	8	6	9
9	0	7	8	6	9
10	0	7	8	6	10
11	0	7	8	6	9
12	0	6	8	6	9
13	0	6	5	7	9
14	0	6	0	7	9
15	0	6	0	6	9
16	0	6	0	6	6
17	0	6	0	6	0
18	0	6	0	6	0
19	0	6	0	6	0
20	0	6	4	3	0
21	0	6	7	0	0
22	0	6	7	0	0
23	3	6	7	0	0
24	7	5	7	0	0
25	6	6	7	0	0
26	6	7	7	0	0
27	6	7	7	0	0
28	4	7	7	0	0
29	6	7	7	0	0
30	7	6	7	0	0
31	1	--	6	0	--
Mean	1	6	6	4	4
Max.	7	7	9	7	10
Min.	0	5	0	0	0
A.F.	90	330	360	240	240
Water diverted	1310 A.F.		Acreage reported A-2566 473		

Date	Oct.	May	June	July	Aug.	Sept.
1	4	0	15	15	12	20
2	4	0	16	14	18	22
3	4	0	16	17	2	23
4	4	0	17	17	0	22
5	4	0	18	17	0	22
6	4	0	18	17	0	22
7	4	0	16	22	0	17
8	4	0	17	23	8	14
9	4	0	13	20	32	14
10	4	0	9	15	28	14
11	3	0	10	19	25	13
12	3	0	10	18	39	16
13	3	0	9	18	30	11
14	3	0	5	18	25	12
15	2	0	5	18	24	13
16	2	0	5	18	21	14
17	1	0	5	17	30	15
18	1	0	6	19	29	14
19	0	0	6	5	24	14
20	0	0	10	0	22	13
21	0	0	10	0	25	12
22	0	2	3	1	24	12
23	0	5	3	2	26	12
24	0	10	5	3	26	11
25	0	12	5	4	30	4
26	0	12	10	6	35	3
27	0	13	14	9	32	4
28	0	10	16	7	25	4
29	0	9	15	6	19	5
30	0	10	18	0	19	0
31	0	13	--	0	19	--
Mean	2	3	11	12	21	13
Max.	4	13	18	23	39	23
Min.	0	0	3	0	0	0
A.F.	110	190	640	720	1200	720
Water diverted	3720 A.F.		Acreage reported D-945 1652			

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	3	4	0	0
2	0	3	4	0	0
3	0	3	4	0	0
4	0	0	0	0	0
5	0	0	0	0	3
6	0	2	0	0	5
7	0	2	0	0	5
8	0	2	0	0	5
9	0	2	0	0	5
10	0	0	0	0	5
11	0	0	0	0	5
12	0	0	0	0	3
13	0	0	0	0	3
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	4	0	0	0	0
18	4	0	0	0	0
19	4	0	0	0	5
20	4	0	0	0	5
21	4	0	0	0	5
22	4	0	0	0	5
23	5	0	0	0	0
24	4	0	0	0	0
25	4	0	0	0	0
26	4	0	0	0	0
27	4	0	0	0	0
28	3	0	0	0	0
29	2	3	0	0	0
30	3	3	0	0	0
31	3	-	0	0	-
Mean	2	1	1	0	2
Max.	5	3	4	0	5
Min.	0	0	0	0	0
A.F.	110	50	20	0	110
Water diverted	290 A.F.			Acreage reported	
				D-345R	135
				D-350	51
				A-718R	48
				A-182B	14
				Total	248

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	2	3	2	0
2	0	2	3	2	0
3	0	2	3	0	0
4	0	2	3	0	0
5	0	2	3	1	0
6	0	2	3	1	0
7	0	2	3	1	0
8	0	3	0	1	0
9	0	3	0	1	0
10	0	3	0	1	0
11	0	3	0	2	0
12	0	3	0	1	0
13	0	2	0	1	0
14	0	2	0	0	0
15	0	2	2	0	0
16	0	2	2	0	0
17	0	2	2	0	0
18	0	2	1	0	0
19	0	2	2	0	0
20	0	2	2	0	0
21	0	2	2	0	0
22	0	2	1	0	0
23	0	2	1	0	2
24	0	2	1	0	1
25	0	2	3	0	0
26	0	2	3	0	1
27	0	3	2	0	1
28	0	2	2	0	1
29	2	2	2	0	1
30	2	1	2	0	0
31	2	-	4	0	-
Mean	1	2	2	1	1
Max.	2	3	4	2	2
Min.	0	1	0	0	0
A.F.	10	130	110	30	10
Water diverted	290 A.F.			Acreage reported	
				A-350R	22
				A-727	35
				A-857	52
				A-869	44
				Total	193

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	29	0	0	27	181	99
2	24	0	0	20	192	111
3	24	0	0	20	184	110
4	27	0	0	20	195	116
5	25	0	0	21	181	120
6	25	0	18	22	168	138
7	26	0	33	22	164	152
8	23	0	33	21	145	140
9	22	0	32	22	133	117
10	22	0	29	24	128	100
11	22	0	29	24	119	90
12	22	0	29	27	124	77
13	20	0	37	36	123	77
14	10	0	37	43	126	72
15	0	0	37	46	133	65
16	0	0	37	46	148	60
17	0	0	38	55	166	60
18	0	0	38	93	155	59
19	0	0	38	126	140	55
20	0	0	37	154	133	45
21	0	0	33	156	129	42
22	0	0	33	196	128	40
23	0	0	32	191	134	38
24	0	0	32	200	128	33
25	0	0	32	200	113	32
26	0	0	32	206	112	30
27	0	0	32	205	93	28
28	0	0	32	187	84	27
29	0	0	35	191	83	22
30	0	0	33	188	87	20
31	0	0	-	175	93	-
Mean	10	0	28	96	135	73
Max.	29	0	38	206	192	152
Min.	0	0	0	20	83	20
A.F.	640	0	1640	5880	8350	4320
Water diverted	20830 A.F.					

DAILY DIVERSIONS OF CANALS--1960

SARGENT WASTEWAY MILE 4.7 from Sargent Canal  
Measured through Sparling Meter--Sec. 14-20-12 W.

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

DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

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

SARGENT WASTEWAY MILE 20.6 from Sargent Canal  
Measured through 10' Parshall flume--Sec. 30-20-12 W.

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

Date	Oct.	May	June	July	Aug.	Sept.
1	7	0	0	0	1	1
2	11	0	0	0	3	4
3	7	0	0	0	1	6
4	6	0	0	0	0	7
5	7	0	0	0	2	5
6	7	0	0	0	6	2
7	6	0	0	0	9	2
8	6	0	0	0	10	4
9	3	0	0	0	5	6
10	4	0	0	0	12	4
11	3	0	0	0	8	2
12	3	0	0	0	9	5
13	3	0	0	0	9	7
14	3	0	0	1	9	9
15	1	0	0	0	4	10
16	0	0	0	1	1	6
17	0	0	0	1	9	7
18	0	0	0	2	17	7
19	0	0	0	0	4	8
20	0	0	0	2	3	8
21	0	0	0	2	6	9
22	0	0	0	1	2	7
23	0	0	0	0	1	8
24	0	0	0	0	10	7
25	0	0	0	0	13	6
26	0	0	0	0	17	7
27	0	0	0	4	16	5
28	0	0	0	1	6	3
29	0	0	0	0	5	3
30	0	0	0	1	5	2
31	0	0	0	0	2	-
Mean	2	0	0	1	7	6
Max.	11	0	0	4	17	10
Min.	0	0	0	0	0	1
A.F.	150	0	0	30	410	330
Water returned	920 A.F.					

DAILY DIVERSIONS OF CANALS--1960

DAILY DIVERSIONS OF CANALS--1960

SARGENT WASTEWAY MILE 26.0 returned to Middle Loup River  
Measured through 11.8' rating flume--Sec. 36-20-18 W.

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
6	0	0	0	0	1	0
7	0	0	0	0	0	1
8	0	0	0	0	2	2
9	0	0	2	1	4	2
10	0	0	4	1	3	1
11	0	0	2	0	3	0
12	0	0	2	0	2	0
13	0	0	0	0	3	1
14	0	0	0	0	4	4
15	0	0	0	0	0	1
16	0	0	0	0	0	2
17	0	0	0	0	0	3
18	0	0	2	0	0	4
19	0	0	2	2	1	5
20	0	0	1	4	1	5
21	0	0	0	1	2	6
22	0	0	0	0	1	6
23	0	0	0	0	0	6
24	0	0	0	0	2	6
25	0	0	0	2	2	3
26	0	0	0	5	1	3
27	0	0	0	2	0	4
28	0	0	0	1	0	3
29	0	0	0	0	2	3
30	0	0	0	2	1	3
31	0	0	-	2	0	-
Mean	0	0	1	1	1	2
Max.	0	0	4	5	4	6
Min.	0	0	0	0	0	0
A.F.	0	0	30	40	70	150
Water returned	290 A.F.					

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

DAILY DIVERSIONS OF CANALS—1960

SARGENT WASTEWAY MILE 40.1 returned to Middle Loup River  
 Measured over 6-foot weir--Sec. 23-19-17 W.

Date	Oct.	May	June	July	Aug.	Sept.	
1	3	0	0	3	0	1	
2	1	0	0	1	1	0	
3	0	0	0	0	3	1	
4	0	0	0	0	4	0	
5	0	0	0	0	5	1	
6	0	0	0	0	6	1	
7	0	0	0	0	5	2	
8	0	0	0	0	6	4	
9	0	0	0	1	7	5	
10	0	0	0	0	8	6	
11	0	0	0	0	3	3	
12	9	0	0	0	3	1	
13	17	0	0	0	7	2	
14	14	0	0	0	4	5	
15	7	0	0	0	1	3	
16	1	0	0	1	3	5	
17	0	0	0	2	4	4	
18	0	0	0	1	3	6	
19	0	0	0	1	1	4	
20	0	0	0	3	6	4	
21	0	0	0	0	5	5	
22	0	0	1	2	5	2	
23	0	0	2	1	4	2	
24	0	0	2	3	5	2	
25	0	0	1	2	2	1	
26	0	0	1	3	6	0	
27	0	0	1	3	6	1	
28	0	0	2	2	4	0	
29	0	0	2	2	2	0	
30	0	0	2	2	0	0	
31	0	0	-	2	2	-	
Mean	2	0	0.5	1	4	2	
Max.	17	0	2	3	8	6	
Min.	0	0	0	0	0	0	
A.F.	100	0	30	70	240	140	
Water returned							580 A.F.

SUMMARY  
 SARGENT CANAL--A-4841a  
 1960 Water Year  
 Values in Acre-feet

	OCT.	MAY	JUNE	JULY	AUG.	SEPT.	TOTAL
DIVERSION	640	0	1640	5880	8350	4320	20830
SPILL AT MILE 4.7	0	0	0	0	0	0	0
SPILL AT MILE 11.2	0	0	0	0	0	0	0
SPILL AT MILE 20.6	150	0	0	30	410	330	920
SPILL AT MILE 26.0	0	0	30	40	70	150	290
SPILL AT MILE 31.6	0	0	0	10	10	0	20
SPILL (Terminal) MILE 40.1	100	0	30	70	240	140	580
TOTAL FROM SPILLS	250	0	60	150	730	620	1810
NET DIVERSION	390	0	1580	5730	7620	3700	19020
	Net diverted					Acreage reported	
	19020 A.F.					A-4841a 13410	

DAILY DIVERSIONS OF CANALS--1960

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

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	3	0
2	0	0	0	6	0
3	0	0	0	6	0
4	0	0	0	6	0
5	0	0	0	6	0
6	0	0	0	5	0
7	0	0	0	5	0
8	0	0	0	5	0
9	0	0	0	5	0
10	0	0	0	5	0
11	0	0	0	5	0
12	0	0	0	3	0
13	0	0	0	3	0
14	0	0	0	3	0
15	0	0	0	3	0
16	0	0	0	4	0
17	0	0	0	6	0
18	0	0	0	7	0
19	0	0	0	6	0
20	0	0	4	5	0
21	0	0	4	5	0
22	0	0	3	5	0
23	0	0	0	6	0
24	0	0	0	6	0
25	0	0	0	6	0
26	0	0	0	6	0
27	0	0	1	6	0
28	0	0	3	6	0
29	0	0	3	6	0
30	0	0	3	2	0
31	0	-	3	0	-
Mean	0	0	1	5	0
Max.	0	0	4	7	0
Min.	0	0	0	2	0
A.F.	0	0	50	300	0
Water diverted	350 A.F.				

Date	May	June	July	Aug.	Sept.
1	0	0	6	5	6
2	0	0	6	5	6
3	0	0	6	5	7
4	0	0	6	5	7
5	0	0	6	5	7
6	0	0	6	5	7
7	0	0	6	5	7
8	0	0	6	6	7
9	0	0	7	6	7
10	0	5	7	6	7
11	0	5	7	6	7
12	0	5	7	6	7
13	0	5	7	6	7
14	0	5	7	6	7
15	0	5	7	6	7
16	0	5	6	6	7
17	0	5	6	6	7
18	0	5	5	6	7
19	0	5	5	6	7
20	0	5	5	6	7
21	0	5	5	6	7
22	0	5	5	6	7
23	0	5	5	6	7
24	0	5	5	6	7
25	0	5	5	6	8
26	0	5	5	6	8
27	0	5	5	6	8
28	0	5	5	6	8
29	0	6	5	6	8
30	0	6	5	6	8
31	0	-	5	6	-
Mean	0	4	6	6	7
Max.	0	6	7	6	8
Min.	0	0	5	5	6
A.F.	0	210	360	360	420
Water diverted	1350 A.F.				

DAILY DIVERSIONS OF CANALS--1960

SHERIDAN-WILSON DIVERSION  
Summary in Acre-feet---1960

	May	June	July	Aug.	Sept.	Total
Diversion:						
North Platte River	0	0	50	300	0	350
Sarben Slough	0	210	360	360	420	1350
Total diversion	0	210	410	660	420	1700
Water diverted	1700 A.F.				Acres reported	676
					D-710	

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	40	33	20	38
2	0	36	25	28	38
3	0	35	0	0	38
4	0	35	0	0	38
5	0	33	0	1	41
6	0	40	0	1	40
7	0	40	15	1	40
8	0	35	33	3	41
9	0	22	31	15	34
10	0	34	31	17	34
11	0	36	31	17	37
12	0	41	31	18	33
13	0	35	35	18	32
14	0	35	39	18	32
15	0	37	34	19	34
16	0	36	27	25	32
17	0	36	0	28	31
18	0	38	0	28	30
19	0	31	0	28	31
20	0	34	0	30	28
21	0	36	0	30	30
22	9	31	0	28	29
23	23	31	0	28	25
24	37	30	0	27	30
25	28	34	0	40	28
26	49	33	1	34	28
27	41	30	1	36	29
28	39	31	20	38	30
29	51	33	2	40	30
30	46	34	0	38	18
31	43	--	0	38	--
Mean	12	34	13	22	33
Max.	51	40	39	40	41
Min.	0	22	0	0	18
A.F.	730	2050	770	1370	1940
Water diverted				Acreage reported	
	4860 A.F.			D-946	2740

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	26	0
2	0	0	0	25	0
3	0	0	0	24	0
4	0	0	0	23	0
5	0	0	0	23	0
6	0	0	0	22	0
7	0	0	0	22	0
8	0	0	0	25	0
9	0	0	0	26	0
10	0	0	0	25	0
11	0	0	0	24	0
12	0	0	0	20	0
13	0	0	0	18	0
14	0	0	0	16	0
15	0	0	0	16	0
16	0	0	0	15	0
17	0	0	0	14	0
18	0	0	0	14	0
19	0	0	0	14	0
20	0	0	0	14	0
21	0	0	0	14	0
22	0	0	0	10	0
23	0	0	2	9	0
24	0	0	3	0	0
25	0	0	13	0	0
26	0	0	21	0	0
27	0	0	23	0	0
28	0	0	24	0	0
29	0	0	26	0	0
30	0	0	29	0	0
31	0	-	27	0	-
Mean	0	0	5	14	0
Max.	0	0	29	26	0
Min.	0	0	0	0	0
A.F.	0	0	330	870	0
Water diverted				Acreage reported	
	1200 A.F.			D-680	1173
	Sutherland storage included				

DAILY DIVERSIONS OF CANALS--1960

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	3	4	2	0	0
2	0	3	4	2	0	0
3	0	2	3	3	0	0
4	0	0	3	3	0	0
5	0	0	4	3	0	0
6	0	0	1	3	0	0
7	0	0	1	3	0	1
8	0	0	1	3	0	1
9	0	0	1	3	0	2
10	0	0	2	3	0	2
11	0	0	2	3	0	3
12	0	2	2	3	0	3
13	0	4	2	3	0	3
14	0	4	2	3	0	3
15	0	4	2	3	0	3
16	0	4	2	3	0	3
17	0	4	2	3	0	3
18	0	3	2	3	0	3
19	0	3	2	4	0	3
20	0	3	2	4	0	3
21	0	3	2	4	0	3
22	0	2	1	4	0	4
23	0	3	1	4	0	5
24	0	3	1	4	0	6
25	0	3	1	5	0	6
26	1	4	1	5	0	5
27	3	4	1	5	0	6
28	3	3	2	4	0	9
29	3	3	2	1	0	10
30	3	3	2	0	0	10
31	-	3	-	0	0	--
Mean	1	2	2	3	0	3
Max.	3	4	4	5	0	10
Min.	0	0	1	0	0	0
A.F.	30	140	110	190	0	200
Water diverted				Acreage reported		
	670 A.F.			D-485		200

DAILY DIVERSIONS OF CANALS--1960

SPALDING POWER CANAL from Cedar River  
Measured through section of canal--Sec. 28-20-9 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	102	131	127	115	95	105	5	145	137	143	115	107
2	117	134	95	110	106	126	5	145	138	143	119	86
3	122	136	130	85	103	106	5	146	126	140	105	86
4	112	138	126	100	106	104	35	146	136	141	115	97
5	114	92	124	105	106	100	140	147	133	143	100	92
6	113	73	108	120	108	105	140	149	130	139	120	79
7	116	132	110	130	102	115	150	112	120	128	108	92
8	144	128	110	135	100	115	140	10	122	137	97	64
9	144	75	115	144	96	115	140	10	139	139	128	92
10	133	20	115	126	75	120	240	53	136	136	98	89
11	119	77	120	136	95	120	140	151	137	134	108	90
12	119	123	115	141	90	115	138	149	135	130	108	95
13	115	144	100	119	100	100	144	150	120	139	104	88
14	83	85	120	85	120	90	137	149	135	138	95	87
15	100	110	115	80	115	115	139	130	128	135	104	108
16	93	100	115	80	115	135	141	143	130	120	101	94
17	116	115	115	85	112	120	147	148	140	116	103	100
18	101	115	115	85	114	115	145	147	145	128	103	119
19	111	130	120	80	109	115	138	148	95	105	133	114
20	113	145	110	85	105	115	127	149	5	114	105	97
21	108	120	115	85	95	123	96	148	5	110	119	100
22	111	130	120	80	115	118	140	147	72	83	108	108
23	117	135	111	75	115	116	129	150	143	101	94	111
24	116	140	112	65	105	121	110	142	144	108	105	111
25	115	145	111	65	115	115	101	145	144	97	104	115
26	113	84	110	85	115	137	105	145	143	99	105	90
27	116	87	79	100	110	110	140	139	148	106	108	109
28	119	94	49	95	105	5	145	138	145	91	117	111
29	133	111	53	90	105	10	147	138	134	113	125	111
30	135	115	100	90	---	10	146	140	142	129	113	115
31	141	---	110	95	---	5	---	137	---	125	102	---
Mean	116	112	109	99	105	101	118	132	124	123	109	99
Max.	144	145	130	144	120	137	150	151	148	143	133	119
Min.	83	20	49	65	75	5	5	10	5	83	94	64
A.F.	7160	6670	6690	6090	6050	6190	7050	8120	7350	7560	6680	5870
Total acre-feet												
81480 A.F.												

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	45	0	65	67	128	54
2	43	0	67	69	126	79
3	25	0	74	70	125	76
4	6	0	75	73	122	76
5	6	0	76	77	124	74
6	5	0	90	75	127	75
7	4	0	89	71	131	77
8	4	0	89	69	84	80
9	4	0	88	69	67	82
10	4	0	78	60	60	83
11	4	0	76	53	64	82
12	4	0	76	45	70	79
13	4	0	77	39	75	86
14	2	19	77	51	80	87
15	0	22	67	89	77	86
16	0	29	69	104	89	88
17	0	33	65	107	89	90
18	0	21	64	117	84	90
19	0	21	60	133	106	83
20	0	20	58	135	93	69
21	0	19	57	151	104	69
22	0	18	54	172	116	71
23	0	17	50	165	119	83
24	0	16	42	137	112	87
25	0	16	51	127	89	88
26	0	15	51	138	116	65
27	0	33	51	122	107	44
28	0	35	51	120	101	44
29	0	35	59	125	90	45
30	0	37	69	128	75	45
31	0	38	---	129	64	---
Mean	5	14	67	100	97	75
Max.	45	38	50	172	131	90
Min.	0	0	42	39	60	44
A.F.	320	890	4000	6120	5980	4440
Water diverted						
21750 A.F.						
Kingsley storage included						

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	128	31
2	0	0	0	0	128	30
3	0	0	0	0	133	26
4	0	0	0	0	131	24
5	0	0	0	14	132	24
6	0	0	15	23	129	24
7	0	2	24	23	128	24
8	0	0	23	35	128	24
9	0	42	23	39	126	24
10	0	54	23	41	118	24
11	0	38	20	54	114	24
12	0	35	19	55	106	24
13	0	29	18	50	97	24
14	0	29	18	60	99	24
15	0	29	17	75	99	22
16	0	27	16	76	99	20
17	0	26	18	76	88	20
18	0	26	18	91	72	20
19	0	27	18	107	68	20
20	0	27	12	121	67	18
21	0	27	0	126	67	20
22	0	29	0	126	66	20
23	0	12	0	126	60	20
24	0	0	0	125	60	8
25	0	0	0	124	60	0
26	0	0	0	126	54	0
27	0	0	0	127	52	0
28	0	0	0	138	52	0
29	0	0	0	126	45	0
30	0	0	0	127	31	0
31	0	0	0	129	30	0
Mean	0	15	9	75	89	18
Max.	0	54	24	138	133	31
Min.	0	0	0	0	30	0
A.F.	0	910	560	4640	5490	1070
Water diverted						
12670 A.F.						
Supplemental storage included						
Acreage reported						
A-2691c 5521						
A-4221 0						
A-6223 268						
Total 5789						



DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	1630	591	638	618	596	0	0	0	1440	1800	1660
2	0	1650	590	686	613	598	0	0	0	1490	1800	1630
3	0	1740	534	769	618	591	0	0	0	1500	1800	1600
4	0	1740	459	757	614	591	0	0	0	1540	1800	1610
5	0	1660	585	693	597	591	0	0	0	1560	1820	1600
6	2	1740	627	653	597	590	0	0	0	1580	1830	1580
7	148	1740	627	618	598	591	0	0	0	1590	1840	1540
8	181	1740	630	608	594	596	0	0	0	1610	1840	1540
9	229	1700	634	606	598	596	0	0	140	1620	1850	1560
10	236	1600	634	606	586	600	0	0	336	1660	1860	1540
11	233	1500	632	610	588	597	0	0	395	1690	1860	1520
12	240	1390	634	613	588	584	0	0	422	1690	1860	1530
13	285	1270	637	611	588	502	0	0	445	1700	1860	1520
14	361	1200	638	627	592	481	0	0	539	1760	1860	1540
15	467	1080	637	638	591	384	0	0	596	1770	1860	1540
16	518	982	635	622	590	218	0	0	683	1780	1860	1540
17	567	971	637	618	591	104	0	0	850	1780	1850	1550
18	579	991	634	653	588	106	0	0	1050	1780	1840	1540
19	626	999	632	642	592	108	0	0	1220	1780	1840	1540
20	750	944	626	627	594	109	0	0	1270	1760	1800	1540
21	868	868	624	621	591	111	0	0	1360	1760	1800	1540
22	1020	867	622	614	594	113	0	0	1440	1760	1800	1550
23	1050	865	619	614	597	82	0	0	1450	1770	1780	1540
24	1190	838	621	611	594	50	0	0	1440	1780	1780	1590
25	1340	840	621	611	592	50	0	0	1440	1790	1750	1610
26	1290	651	629	613	594	33	0	0	1440	1770	1750	1610
27	1360	656	614	610	592	0	0	0	1430	1780	1740	1610
28	1450	630	585	611	594	0	0	0	1420	1780	1740	1620
29	1590	594	602	610	594	0	0	0	1420	1790	1720	1620
30	1660	596	608	608	---	0	0	0	1420	1780	1680	1560
31	1640	---	614	608	---	0	0	0	---	1780	1640	---
Mean	641	1189	613	633	596	309	0	0	740	1697	1804	1569
Max.	1660	1740	638	769	618	600	0	0	1450	1790	1860	1660
Min.	0	594	459	606	586	0	0	0	0	1440	1540	1520
A.F.	39430	70750	37710	38930	34270	18990	0	0	44040	104370	110900	93360
Water diverted	592750 A.F.											

DAILY DIVERSIONS OF CANALS--1960

SUTHERLAND CANAL for power from South Platte River  
Measured through 25' Parshall flume--Sec. 8-13-36 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	24	136	364	220	392	216	618	258	442	79	14	0
2	45	136	317	151	424	230	791	244	365	72	4	0
3	52	142	312	80	457	260	588	236	352	58	0	0
4	77	144	303	69	478	310	1100	220	303	63	0	0
5	108	122	294	79	475	356	1180	242	272	73	0	0
6	148	102	308	108	526	369	1190	267	258	69	0	0
7	158	148	298	127	520	376	1150	289	249	73	0	0
8	160	157	303	158	544	402	1060	283	247	76	0	0
9	160	148	294	195	562	469	977	272	226	67	0	0
10	157	148	303	222	442	703	824	244	197	61	0	0
11	158	149	305	258	464	894	808	238	195	53	0	0
12	157	144	303	292	448	1120	778	278	247	46	0	0
13	151	76	303	327	453	1150	752	252	317	42	0	0
14	134	57	289	301	467	1110	745	269	364	41	0	0
15	115	74	280	187	429	1070	658	242	376	36	0	0
16	117	92	329	187	459	1150	637	236	415	33	0	0
17	124	65	305	222	448	1150	603	234	456	30	0	0
18	117	101	303	203	437	1180	553	244	457	31	0	0
19	113	129	303	195	352	1120	526	274	418	29	0	0
20	115	191	303	185	242	984	495	298	364	21	0	0
21	107	240	294	170	292	1010	445	287	303	20	0	0
22	112	362	292	157	379	1170	418	322	258	20	0	0
23	108	344	222	164	283	1200	405	450	269	19	0	0
24	113	322	228	183	181	1180	376	492	222	19	0	0
25	124	315	339	214	173	999	354	562	181	18	0	0
26	112	312	376	236	175	1110	315	634	157	18	0	0
27	104	267	303	258	207	1020	308	646	146	17	0	0
28	113	162	238	287	218	761	283	683	125	16	0	0
29	127	260	216	305	201	690	269	634	107	16	0	0
30	148	389	226	344	---	624	265	582	95	15	0	0
31	149	---	238	374	---	600	---	509	---	14	0	0
Mean	120	181	293	208	384	806	664	354	280	402	1	0
Max.	160	389	376	374	562	1200	1190	683	467	79	14	0
Min.	24	57	216	69	173	216	265	220	95	14	0	0
A.F.	7350	10780	18030	12810	22090	49530	39530	21740	16650	2470	40	0
Water diverted	201020 A.F.											

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	53	469	665	581	728	694	829	428	785	678	1568	1202
2	53	512	659	580	569	688	965	357	818	951	1586	1254
3	53	546	612	522	456	678	762	298	759	570	1582	1242
4	53	530	572	658	490	630	791	450	752	701	1583	1425
5	53	479	514	654	431	577	889	306	781	734	1601	1434
6	53	624	463	660	477	644	964	337	721	710	1734	1515
7	53	537	558	679	431	717	955	288	691	524	1602	1527
8	53	447	549	686	515	670	864	272	712	508	1255	1433
9	53	536	566	672	397	559	743	378	693	599	1107	1607
10	53	472	571	558	445	450	575	397	687	506	1202	1600
11	53	450	547	655	573	500	795	428	708	722	1179	1473
12	42	523	596	591	598	464	787	512	558	708	1032	1608
13	15	493	497	578	480	412	682	521	683	739	1064	1501
14	40	686	598	582	392	583	709	572	731	878	1300	1386
15	53	598	663	608	459	491	748	451	613	942	1560	1331
16	53	658	638	664	495	518	625	612	491	991	1767	1179
17	53	648	548	568	481	660	498	608	577	894	1777	1128
18	53	667	556	778	510	678	651	572	544	1010	1576	1045
19	53	655	552	708	542	659	673	560	440	1208	1358	1146
20	53	648	511	740	549	509	664	437	379	1426	1353	1182
21	53	641	542	760	462	807	695	775	515	1508	1490	1072
22	53	565	552	762	535	776	729	753	437	1735	1766	912
23	53	571	543	721	547	822	701	785	472	1756	1762	878
24	53	419	544	631	648	921	646	733	572	1765	1492	959
25	53	473	476	755	598	804	594	614	671	1771	1320	864
26	53	570	515	874	663	792	455	655	511	1778	1172	899
27	421	665	526	846	699	527	440	722	693	1759	1262	869
28	521	619	82	861	568	771	444	765	883	1505	1335	808
29	603	518	464	830	712	770	480	678	669	1629	1320	762
30	611	635	623	879	---	727	474	789	615	1665	1219	720
31	567	---	638	689	---	681	---	823	---	1676	1041	---
Mean	130	562	546	688	533	651	694	544	639	1114	1418	1199
Max.	611	686	665	879	728	921	965	823	883	1778	1777	1608
Min.	15	419	82	522	392	412	440	272	379	506	1032	720
A.F.	8010	33430	33620	42310	30640	40020	41310	33470	38000	68520	87200	71330
Water returned	527860 A.F.											

DAILY DIVERSIONS OF CANALS--1960

THIRTY MILE CANAL from Platte River  
Measured through rating flume--Sec. 31-12-26 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	48	0	56	47	326	8
2	45	0	53	45	324	8
3	37	0	58	45	326	8
4	33	0	50	46	326	8
5	31	0	41	45	328	8
6	31	0	27	43	330	8
7	31	0	31	43	330	8
8	18	0	61	42	324	8
9	0	0	53	48	326	8
10	0	0	44	43	326	7
11	0	0	60	39	320	6
12	0	0	50	47	301	6
13	0	0	71	60	75	17
14	0	0	74	58	8	46
15	0	0	67	59	8	54
16	0	0	75	54	8	50
17	0	10	69	56	9	46
18	0	63	60	76	8	53
19	0	50	52	106	9	46
20	0	49	64	155	8	46
21	0	46	80	168	45	36
22	0	44	61	157	76	28
23	0	54	57	242	76	34
24	0	50	56	281	75	49
25	0	48	58	299	75	54
26	0	48	50	330	75	48
27	0	53	46	334	79	47
28	0	60	47	330	79	48
29	0	50	51	330	76	54
30	0	40	50	328	23	52
31	0	47	---	328	8	---
Mean	9	23	56	139	152	30
Max.	48	63	80	334	330	54
Min.	0	0	27	39	8	6
A.F.	540	1410	3320	8580	9340	1750
Water diverted	24970 A.F.					
Sutherland storage included	Acreage reported					
	A-1853 19033					
	A-1976 3467					
	A-2077 320					
	Total 22850					

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1440	1110	1190	857	1280	1100	1610	1130	1300	1160	2040	1580
2	1450	1200	1180	700	1170	1040	1700	1070	1280	1340	2060	1560
3	1440	1230	1170	629	1060	1040	1570	906	1290	1160	2080	1520
4	1340	1320	1020	820	1180	1080	1500	1050	1210	1340	2060	1630
5	1260	1070	1070	975	1200	1090	1500	1140	1250	1310	2060	1660
6	1260	1240	989	1080	1230	1120	1650	1200	1210	1380	2070	1610
7	1190	1150	1020	1120	1190	1220	1620	1160	1190	1240	2080	1700
8	1150	1060	1050	1180	1300	1180	1560	996	1510	1050	2070	1660
9	1100	1070	1020	1160	1340	1180	1410	1030	1250	1220	2080	1670
10	1060	1040	1040	1130	1100	1180	1260	1010	1290	1120	2090	1810
11	1030	958	1030	1120	1210	1120	1410	1050	1280	1220	2070	1740
12	1000	964	1060	1100	1260	1150	1420	1070	1220	1100	2070	1850
13	1010	723	993	1100	1290	1090	1460	1070	1300	1140	2040	1670
14	1070	801	1040	1060	1160	958	1340	1130	1430	1210	2040	1680
15	1120	996	1130	1040	1220	1050	1400	967	1300	1250	2000	1680
16	1230	883	1110	1030	1220	1210	1360	1110	1040	1480	2000	1440
17	1400	1020	1050	960	1200	1330	1430	1130	1110	1480	2050	1510
18	1430	1150	996	1180	1130	1390	1430	1230	1100	1590	2050	1470
19	1440	1190	1020	1130	779	1440	1430	1310	974	1660	2050	1520
20	1440	1300	932	1170	720	1540	1370	1220	1070	1810	2020	1450
21	1340	1310	964	1190	700	1760	1320	1270	1080	1900	2000	1450
22	1150	1180	949	1220	806	1700	1420	1380	1000	1910	2020	1310
23	1030	1350	1160	1200	749	1760	1310	1360	947	2020	2060	1320
24	897	1100	1060	1150	924	1760	1320	1250	954	2030	2020	1410
25	851	1010	1040	1260	971	1800	1240	1180	1070	2040	2020	1340
26	707	1090	988	1380	1050	1770	1040	1160	1000	2050	1980	1360
27	886	1170	931	1350	1080	1670	1140	1210	1080	2070	1960	1330
28	1000	1180	848	1360	1000	1690	1240	1320	1170	2080	1990	1290
29	1120	1110	981	1340	1010	1660	1280	1450	1210	2080	1980	1230
30	1290	1250	1220	1380	-----	1630	1220	1380	1210	2040	1970	1090
31	1240	-----	1120	1210	-----	1600	-----	1320	-----	2030	1750	-----
Mean	1173	1108	1044	1116	1087	1365	1399	1170	1178	1565	2027	1518
Max.	1450	1350	1220	1380	1340	1800	1700	1450	1510	2080	2090	1850
Min.	707	723	848	629	700	958	1040	906	947	1050	1750	1090
A.F.	72140	65900	64210	68590	62540	83920	83230	71920	70070	96220	124620	90330
Water diverted	953690 A.F.											

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	0	0	0	0	0	0	0	0	5	250
2	0	0	0	0	0	0	0	0	0	0	0	268
3	0	0	0	0	0	0	0	0	0	0	0	272
4	0	0	0	0	0	0	0	0	0	0	0	260
5	0	0	0	0	0	0	0	0	0	0	0	233
6	0	0	0	0	0	0	0	0	0	0	0	262
7	0	0	0	0	0	0	0	0	0	0	0	239
8	0	0	0	0	0	0	0	0	0	0	0	260
9	0	0	0	0	0	0	0	0	0	0	38	276
10	0	0	0	0	0	0	0	0	0	0	0	223
11	0	0	0	0	0	0	0	0	0	0	0	218
12	0	0	0	0	0	0	0	0	0	27	0	288
13	0	0	0	0	0	0	0	0	0	92	0	264
14	0	0	0	0	0	0	0	0	0	116	0	171
15	0	0	0	0	0	0	0	0	0	145	78	220
16	0	0	0	0	0	0	0	0	0	174	111	210
17	0	0	0	0	0	0	0	0	0	276	62	128
18	0	0	0	0	0	0	0	0	0	438	11	182
19	0	0	0	0	0	0	0	0	0	548	0	161
20	0	0	0	0	0	0	0	0	0	656	0	142
21	0	0	0	0	0	0	0	0	0	759	63	37
22	0	0	0	0	0	0	0	0	0	774	142	31
23	0	0	0	0	0	0	0	0	0	603	87	27
24	0	0	0	0	0	0	0	0	0	525	27	14
25	0	0	0	0	0	0	0	0	0	443	6	33
26	0	0	0	0	0	0	0	0	0	327	46	29
27	0	0	0	0	0	0	0	0	0	294	128	31
28	0	0	0	0	0	0	0	0	0	231	147	17
29	0	0	0	0	0	0	0	0	0	210	147	57
30	0	0	0	0	0	0	0	0	0	82	92	57
31	0	0	0	0	0	0	0	0	0	2	120	---
Mean	0	0	0	0	0	0	0	0	0	217	42	162
Max.	0	0	0	0	0	0	0	0	0	774	147	288
Min.	0	0	0	0	0	0	0	0	0	0	0	14
A.F.	0	0	0	0	0	0	0	0	0	13330	2600	9640
Water returned	25570 A.F.											

DAILY DIVERSIONS OF CANALS--1960

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	1051	796	816	825	963	778	1609	635	189	378	42	30
2	1182	796	848	828	1032	769	1791	1075	187	392	38	30
3	1149	965	899	854	1110	776	1276	1093	187	439	42	26
4	1072	1604	933	822	1252	894	1644	1029	127	489	46	30
5	941	1418	990	843	1194	817	1533	1048	173	447	42	22
6	1275	925	906	821	1186	784	1175	896	152	682	50	26
7	985	891	955	831	1000	954	1127	1098	149	451	50	26
8	1240	848	932	810	1016	979	1156	702	172	451	50	30
9	939	737	902	824	1215	0	1278	512	260	682	30	34
10	1072	922	934	770	1307	568	978	524	221	575	18	34
11	983	928	926	879	1247	1040	1142	477	230	447	14	38
12	1343	1045	890	852	1168	1003	1102	447	219	359	30	34
13	885	975	828	813	1150	817	982	393	194	334	34	30
14	910	987	930	955	1054	840	882	455	220	289	34	26
15	892	907	785	901	1169	847	752	260	603	313	14	22
16	865	962	845	799	1148	857	1127	487	919	289	18	22
17	796	839	900	818	1182	1015	539	447	1256	313	12	122
18	755	797	780	829	1193	1186	1183	461	869	211	18	154
19	742	696	828	829	1142	1121	1038	409	693	126	14	170
20	709	767	755	794	1033	796	967	425	397	46	12	207
21	920	651	838	758	776	1331	977	334	457	46	10	272
22	1014	685	777	777	804	1307	996	235	474	42	12	223
23	1258	834	933	695	761	1709	921	395	573	50	14	322
24	1163	1008	1011	759	730	1589	714	394	448	54	12	409
25	878	908	776	815	712	1765	876	299	409	46	14	481
26	834	868	817	785	838	1746	836	280	450	42	14	435
27	755	1006	784	741	849	1853	741	209	387	42	26	435
28	725	1090	856	837	769	1762	675	160	489	38	26	575
29	670	894	755	900	858	1733	648	182	308	42	30	652
30	716	925	931	903	---	1664	706	210	362	42	34	528
31	729	---	825	792	---	1719	---	169	---	42	26	---
Mean	950	920	871	821	1030	1130	1046	475	392	263	27	182
Max.	1343	1604	1011	955	1307	1853	1791	1098	1256	682	50	652
Min.	670	651	755	741	712	0	539	160	149	38	10	22
A.F.	58400	54770	53540	50500	59220	69460	62220	29240	23350	16200	1640	10820

Water returned  
489360 A.F.

DAILY DIVERSIONS OF CANALS--1960

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	64	867	899	433
2	0	61	852	917	546
3	0	64	903	897	603
4	0	66	925	913	554
5	0	61	880	885	523
6	0	64	874	865	469
7	0	70	823	870	413
8	0	75	832	878	432
9	0	87	866	844	506
10	0	124	881	841	535
11	0	182	904	871	497
12	0	268	874	847	490
13	111	253	912	829	448
14	104	258	935	814	521
15	99	262	896	800	532
16	54	361	885	778	521
17	61	405	887	791	618
18	73	518	899	778	598
19	82	640	894	775	527
20	86	901	909	761	497
21	88	941	900	732	506
22	87	882	880	737	547
23	84	890	863	782	570
24	90	828	890	816	532
25	86	815	896	808	540
26	73	791	912	784	546
27	70	858	937	757	546
28	69	894	938	713	435
29	65	925	917	722	299
30	62	904	884	698	117
31	65	---	869	639	---
Mean	49	450	890	808	497
Max.	111	941	938	917	618
Min.	0	61	823	639	117
A.F.	2990	26800	54710	49670	29560

Water diverted  
163730 A.F.  
Pathfinder storage included

DAILY DIVERSIONS OF CANALS--1960

TRI-STATE DIVERSIONS  
For Farmers Irrigation District and Preferred Rights  
Summary in Acre-feet--1960

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River....	2990	26800	54710	49670	29560	163730
*Optional Diversions....	0	540	1350	1680	1230	4800
**Drains.....	2880	2260	0	0	410	5550
<b>Total.....</b>	<b>5870</b>	<b>29600</b>	<b>56060</b>	<b>51350</b>	<b>31200</b>	<b>174080</b>
Water diverted 174080 A.F.						
					Acreage reported	
					D-918	58437
					A-660	2913
					O.D.s'	1715
					<b>Total</b>	<b>63065</b>

\*Estimated  
\*\*Diverted by Tri-State Canal and used by Farmers Irrigation District prior to Northports request for irrigation water in May and June. In September intermittently when the available supply of natural flow was being apportioned for D-918 and A-768.

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	0	16	15	13
2	4	0	0	18	16	13
3	0	0	0	17	14	12
4	0	0	0	15	16	12
5	0	0	1	15	18	12
6	0	0	2	6	17	12
7	0	0	2	0	13	12
8	0	0	2	0	1	12
9	0	0	3	0	4	16
10	0	0	3	4	5	18
11	0	0	3	14	7	18
12	0	0	3	22	10	15
13	0	0	2	25	13	14
14	0	0	2	24	14	16
15	0	0	7	15	16	15
16	0	0	6	19	17	14
17	0	0	6	18	18	13
18	0	0	8	18	14	12
19	0	0	7	19	11	8
20	0	0	4	18	10	8
21	0	0	6	18	9	8
22	0	0	10	17	8	8
23	0	0	12	17	10	10
24	0	0	15	16	13	11
25	0	0	16	16	15	10
26	0	0	15	16	15	9
27	0	0	15	16	14	9
28	0	0	15	17	14	9
29	0	0	16	22	13	8
30	0	0	16	18	13	7
31	0	0	—	16	13	—
Mean	0	0	7	15	12	12
Max.	6	0	16	25	18	18
Min.	0	0	0	0	1	7
A.F.	20	0	390	940	770	700
Water diverted					Acreage reported	
2820 A.F.					D-763	1315

DAILY DIVERSIONS OF CANALS--1960

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	69	0	92	67	76	23	17
2	63	0	92	67	74	22	18
3	67	0	86	79	74	21	17
4	74	0	94	86	79	19	18
5	65	0	84	86	84	19	17
6	56	0	76	89	103	24	17
7	61	0	84	86	76	24	17
8	61	0	89	97	65	28	17
9	65	0	92	94	54	27	18
10	67	0	100	109	43	26	19
11	74	0	97	109	43	23	21
12	76	38	86	100	43	24	21
13	67	45	100	106	38	26	18
14	61	52	97	100	36	24	18
15	72	56	100	94	36	23	17
16	72	61	109	100	34	23	17
17	69	54	103	97	34	24	19
18	69	63	105	89	36	21	19
19	72	72	82	84	34	19	19
20	65	72	82	112	31	19	19
21	61	82	97	152	30	18	21
22	61	97	97	121	28	18	22
23	58	79	97	121	27	19	24
24	58	97	97	121	26	21	22
25	61	100	82	138	26	21	23
26	61	89	54	134	24	19	23
27	58	79	54	128	27	18	23
28	58	86	63	115	26	17	21
29	63	94	56	97	24	17	21
30	20	94	63	86	24	16	21
31	0	—	69	—	23	16	—
Mean	61	47	86	102	44	21	19
Max.	76	100	109	152	103	28	24
Min.	0	0	54	67	23	16	17
A.F.	3770	2800	5310	6080	2730	1310	1160
Water diverted						Acreage reported	
23160 A.F.						A-393	11006
						A-1804	764
						A-4739	498
						<b>Total</b>	<b>12268</b>

DAILY DIVERSIONS OF CANALS--1960

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

WINTERS CREEK CANAL from Winters Creek  
Measured through Parshall flume  
Sec. 19-22-54 W.

Date	May	June	July	Aug.	Sept.	Date	Oct.	May	June	July	Aug.	Sept.
1	0	7	34	30	25	1	0	0	23	37	45	39
2	0	19	34	32	25	2	0	0	22	39	46	44
3	0	25	34	27	23	3	0	0	25	41	32	45
4	0	24	34	30	23	4	0	0	26	41	42	48
5	0	23	35	30	23	5	0	0	22	35	43	48
6	0	24	35	28	22	6	0	0	35	34	44	50
7	0	25	34	28	22	7	0	0	41	42	41	49
8	0	23	34	28	22	8	0	0	39	44	44	51
9	0	19	32	27	22	9	0	0	24	39	41	46
10	0	19	32	26	23	10	0	0	24	45	42	46
11	0	14	32	26	23	11	0	0	21	41	48	48
12	6	8	33	26	23	12	0	0	2	43	46	45
13	13	13	32	27	23	13	0	0	12	46	46	43
14	17	13	32	28	23	14	0	0	17	52	48	41
15	22	12	32	29	22	15	0	0	20	53	45	48
16	23	12	32	28	22	16	0	12	20	47	46	48
17	21	14	32	28	22	17	26	18	22	44	45	38
18	20	16	32	28	22	18	48	31	19	37	45	34
19	21	15	32	28	21	19	47	36	19	39	45	36
20	21	13	34	27	21	20	46	38	26	40	47	36
21	19	10	34	26	20	21	43	40	27	44	47	38
22	18	19	33	25	21	22	45	35	33	41	42	42
23	17	24	33	25	22	23	46	35	36	38	49	40
24	15	22	32	26	19	24	26	23	33	39	46	40
25	17	23	32	27	19	25	0	19	36	41	28	40
26	15	24	34	27	18	26	0	26	37	42	45	41
27	13	23	34	27	17	27	0	27	39	43	41	37
28	12	26	33	27	18	28	0	34	36	43	35	38
29	11	31	32	26	26	29	0	35	34	45	36	41
30	10	32	32	25	28	30	0	30	35	46	39	41
31	10	--	32	25	--	31	--	26	--	45	40	--
Mean	10	19	33	27	22	Mean	11	15	27	42	43	43
Max.	23	32	35	32	28	Max.	48	40	41	53	49	51
Min.	0	7	32	25	17	Min.	0	0	2	35	28	34
A.F.	640	1130	2030	1680	1310	A.F.	650	920	1600	2590	2640	2540
Water diverted	6790 A.F.					Water diverted	10940 A.F.					

DAILY DIVERSIONS OF CANALS--1960

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

Date	May	June	July	Aug.	Sept.
1	0	9	1	7	6
2	0	5	0	10	7
3	0	1	0	11	9
4	0	0	0	7	9
5	0	0	0	6	9
6	0	0	0	5	9
7	0	1	0	5	8
8	0	1	0	3	7
9	0	0	0	4	6
10	0	0	0	5	5
11	0	0	0	5	4
12	0	0	0	5	2
13	0	0	0	4	1
14	0	0	0	4	0
15	0	0	0	4	2
16	0	0	2	4	5
17	0	0	6	4	5
18	0	0	7	4	5
19	0	0	6	3	6
20	1	0	6	3	7
21	2	0	8	2	9
22	1	0	7	1	6
23	0	0	7	4	4
24	4	1	5	7	3
25	5	1	3	4	3
26	6	2	2	3	3
27	6	1	3	3	6
28	6	1	2	3	8
29	6	2	4	4	10
30	6	1	5	7	10
31	8	--	6	7	--
Mean	2	1	3	5	6
Max.	8	9	8	11	10
Min.	0	0	0	1	0
A.F.	100	50	160	290	350
Water diverted	950 A.F.				

DAILY DIVERSIONS OF CANALS--1960

WINTERS CREEK DIVERSIONS  
Summary in Acre-feet--1960

	Oct.	May	June	July	Aug.	Sept.	Total
<b>Diverted from:</b>							
North Platte River.....	0	640	1130	2030	1680	1310	6790
Winters Creek.....	650	1020	1650	2750	2930	2890	11890
<b>Total diversion.....</b>	<b>650</b>	<b>1660</b>	<b>2780</b>	<b>4780</b>	<b>4610</b>	<b>4200</b>	<b>18680</b>
<b>Water diverted</b>							
18680 A.F.							
						<b>Acreage reported</b>	
						D-952	5748

**SUMMARY OF DIVERSIONS BY SECTIONS  
GUERNSEY, WYO-ODESSA, NEBR.  
1959-1960**



**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, 1959

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey-Whalen	0	0	0	0	0	23840	23840	35980	88030	171730	214210	152580	710230
Whalen-State Line	1280	0	0	0	0	0	0	5620	19390	27740	27880	13880	95790
State Line-Mitchell	790	0	0	0	0	0	0	16410	36560	76010	82340	56950	269060
Mitchell-Minatare	870	0	0	0	0	0	0	5540	8950	15460	16430	10400	57650
Minatare-Bridgeport	3810	70	0	0	0	0	0	6170	18230	21770	23250	17570	90870
Bridgeport-Lisco	1670	0	0	0	0	0	0	2610	6420	6530	7370	6350	30950
Lisco-Oshkosh	40	0	0	0	0	0	0	0	480	260	0	670	1450
Oshkosh-Keystone	2080	0	0	0	0	0	2080	7690	7950	7600	5460	7290	40150
Keystone-North Platte	5210	1790	50	0	0	0	50	10620	23860	33100	29770	25330	129980
North Platte-Odesa	14120	620	0	0	0	1520	13540	51290	97170	146830	157270	61110	543470
<b>Total, Guernsey-Odesa</b>	<b>29870</b>	<b>2480</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>25380</b>	<b>39510</b>	<b>141930</b>	<b>307040</b>	<b>507030</b>	<b>563980</b>	<b>352330</b>	<b>1969600</b>

For the Water Year Ending September 30, 1960

Guernsey-Whalen	0	0	0	0	0	26250	23120	3010	133350	213330	190580	62700	652340
Whalen-State Line	0	0	0	0	0	0	0	13050	21180	30380	24530	9280	98420
State Line-Mitchell	250	0	0	0	0	0	0	8940	42330	83850	80340	48850	264560
Mitchell-Minatare	760	0	0	0	0	0	0	7680	10550	17050	15980	11900	63920
Minatare-Bridgeport	780	0	0	0	0	0	910	11390	16980	14030	20400	19050	83540
Bridgeport-Lisco	820	0	0	0	0	0	100	3550	6500	5450	5960	6650	29030
Lisco-Oshkosh	90	0	0	0	0	0	0	0	120	0	0	310	520
Oshkosh-Keystone	6570	0	0	0	0	0	2840	6110	10190	5970	4340	6630	42650
Keystone-North Platte	5270	210	0	0	0	0	0	6570	19670	28170	32060	26030	117980
North Platte-Odesa	5270	0	0	0	0	340	11300	36870	57000	113810	171170	82110	477870
<b>Total, Guernsey-Odesa</b>	<b>19810</b>	<b>210</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26590</b>	<b>38270</b>	<b>97170</b>	<b>317870</b>	<b>512040</b>	<b>545360</b>	<b>273510</b>	<b>1830630</b>

**ANNUAL DIVERSION-MAJOR PROJECTS  
1959-1960**

**SUMMARY**  
**ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS**  
**BASED ON ACREAGE REPORTS**

**ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS**  
**Concluded**  
**Based on Acreage Reports**

	Water Year Ending September 30, 1959			Water Year Ending September 30, 1960		
	Acreage Reported	Water Diverted	Acre-ft. Per Acre	Acreage Reported	Water Diverted	Acre-ft. Per Acre
Alliance	6306	19990	3.17	6306	18730	2.97
Bartley	6559	10810	1.65	6512	11690	1.80
Beerline	2080	2130	1.02	2080	1780	0.86
Belmont-Empire	15903	33020	2.08	15906	30040	1.89
Birdwood	5287	7770	1.47	5287	7140	1.35
Blue Creek	2918	7710	2.64	2915	6660	2.28
Browns Creek	6090	14780	2.43	6058	14810	2.44
Cambridge	14850	31310	2.11	14870	26930	1.81
Castle-Rock-Steamboat	6488	20720	3.19	6412	20760	3.24
Central	2127	5660	2.66	2127	5270	2.48
Chianey Rock	5188	12420	2.39	5188	14800	2.85
Cody-Dillon	4660	7110	1.53	4660	6360	1.36
Courthouse Rock	1462	3960	2.72	1492	2940	1.97
Courtland	1830	35920	1.96	1830	5300	2.90
Cosad	25510	26990	1.06	25510	21950	0.86
Culbertson	9322	22070	2.37	9538	22040	2.31
Dawson County	82329	57870	0.70	83515	47320	0.57
Earnest	340	1210	3.56	442	1270	2.87
Elm Creek	5641	6450	1.14	6491	13910	2.14
Enterprise	7572	23690	3.13	7475	26250	3.51
*Fort Laramie	105056	283000	2.69	105056	261700	2.49
Franklin	11321	25810	2.28	11273	22570	2.00
Franklin Pump	2130	3140	1.47	2130	2650	1.24
Gering	14310	30500	2.13	14310	22480	1.57
*Gothenburg	22355	31490	1.41	22355	29750	1.33
Graf	2089	2390	1.14	2089	1540	0.74
Harris-Neece	1109	3240	2.92	1109	2760	2.49
Hooper	867	3520	4.06	874	3780	4.32
Interstate	127955	427230	3.34	126949	390640	3.08
*Kearney	4253	9540	2.24	6051	11240	1.86
Keith-Lincoln Co.	5814	19910	3.42	5768	21340	3.70
Kimball	4500	7260	1.61	4500	4610	1.02
Last Chance	442	1270	2.87	442	1540	3.48
Lisco	3882	7610	1.96	3840	6740	1.76
McKinley-Stover	601	1000	1.66	677	1510	2.23
Meeker-Driftwood	16135	30290	1.86	15630	33790	2.16

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

	Water Year Ending September 30, 1959			Water Year Ending September 30, 1960		
	Acreage Reported	Water Diverted	Acre-ft. Per Acre	Acreage Reported	Water Diverted	Acre-ft. Per Acre
Meredith-Ammer	585	1180	2.02	574	1220	2.13
**Middle Loup PPIID No. 1	3429	6080	1.77	3401	5720	1.68
**Middle Loup PPIID No. 2	4298	6880	1.60	4069	5980	1.47
**Middle Loup PPIID No. 3	9134	12430	1.36	9024	12430	1.38
**Middle Loup PPIID No. 4	8745	14460	1.65	8671	13530	1.56
Midland-Overland	2202	2110	0.96	2214	1560	0.70
Minatare	9325	15560	1.67	9440	19210	2.03
Mirage Flats	11645	19920	1.71	11378	19200	1.69
Mitchell	13633	22540	1.65	13633	25820	1.89
Moore-Kay	400	800	2.00	400	1160	2.95
Naponee	1475	3230	2.19	1526	2340	1.53
Nine Mile	5689	19030	3.35	5689	13110	2.30
**No. Loup PPIID Taylor-Ord	14463	22750	1.57	14465	20080	1.39
**No. Loup PPIID Burwell-Sunter	7709	13470	1.75	7631	11950	1.57
**No. Loup PPIID Ord-No. Loup	6426	11490	1.75	6452	8880	1.38
North Platte	14067	51040	3.63	14067	45530	3.24
Northport	16109	64560	4.01	16109	60510	3.76
Orchard-Alfalfa	5980	6200	1.04	5980	4230	0.71
Oshkosh	1743	1450	0.83	1743	520	0.30
Paisley	1071	4320	4.03	1086	3130	2.88
Paxton-Hershey	8315	16860	2.03	7358	14160	1.92
Pioneer	867	2320	2.68	852	3100	3.64
Potmesil	473	1330	2.81	473	1310	2.77
Ramshorn	1652	3540	2.14	1652	3720	2.25
**Sargent	13507	18250	1.35	13410	19020	1.42
Sheridan-Wilson	676	1960	2.90	676	1700	2.51
Short Line	2770	6410	2.31	2740	6860	2.50
Six Mile	1173	780	0.66	1173	1200	1.02
Suburban	7170	25330	3.53	7170	21750	3.03
Superior	5841	17500	3.00	5789	12670	2.19
Thirty Mile	22890	31350	1.37	22850	25680	1.12
*Tri-County	233605	372800	1.60	233605	323300	1.38
Tri-State	63065	177270	2.81	63065	174080	2.76
Union	1295	2810	2.17	1315	2820	2.14
Western	12268	17290	1.41	12268	23160	1.89
Winters Creek	5748	15710	2.73	5742	18680	3.25

\*For irrigation exclusive of power.  
 \*\*Net diversion - spills have been deducted.

**MONTHLY EVAPORATION  
1959-1960**

MONTHLY EVAPORATION IN FEET--1959

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam.....	f	0.492	0.672	0.846	0.798	0.540	0.319
*Whalen Dam.....	f	0.496	0.790	0.865	0.798	0.542	0.268
*Bridgeport.....	0.445	0.476	0.708	0.742	0.653	0.464	0.254
*Kingsley Dam.....	f	0.478	0.804	0.868	0.741	0.549	f
**North Platte.....	0.502	0.606	0.894	0.946	0.923	0.678	0.419

\*United States Weather Bureau Class "A" pan  
 \*\*Pan 6 feet in diameter; 24 inches deep; in ground 20 inches  
 fNo record reported

MONTHLY EVAPORATION IN FEET--1960

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
*Pathfinder Dam	f	0.554	0.733	0.828	0.838	0.522	f
*Whalen Dam	0.492	0.656	0.854	0.982	0.941	0.547	0.370
*Bridgeport	0.443	0.484	0.592	0.752	0.732	0.458	0.279
*Kingsley Dam	f	0.553	0.584	0.848	0.808	0.554	f
**North Platte	0.535	0.648	0.672	0.938	0.957	0.797	0.502

\*United States Weather Bureau Class "A" pan  
 \*\*Pan 6 feet in diameter; 24 inches deep; in ground 20 inches  
 fNo record reported

PRECIPITATION AT VARIOUS POINTS  
1959-1960

PRECIPITATION AT VARIOUS POINTS

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

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1959		1960	
	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative
<b>*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION - 4080</b>						
October.....	0.92	0.92	0.04	0.04	1.03	1.03
November.....	0.39	1.31	0.18	0.22	0.11	1.14
December.....	0.33	1.64	0.88	1.10	0.01	1.15
January.....	0.19	1.83	0.18	1.28	0.38	1.53
February.....	0.27	2.10	0.17	1.45	0.39	1.92
March.....	0.63	2.73	1.05	2.50	0.13	2.05
April.....	1.66	4.39	0.64	3.14	1.31	3.36
May.....	2.28	6.67	2.72	5.86	3.36	6.72
June.....	2.69	9.36	4.45	10.31	1.20	7.92
July.....	1.50	10.86	0.77	11.08	0.42	8.34
August.....	1.62	12.48	0.67	11.75	0.57	8.91
September.....	1.39	13.87	2.32	14.07	0.43	9.34
<b>*47-year record</b>						
<b>*BRIDGEPORT STATION, MORRILL COUNTY--ELEVATION - 3666</b>						
October.....	0.95	0.95	0.32	0.32	1.09	1.09
November.....	0.45	1.40	0.31	0.63	0.05	1.14
December.....	0.50	1.90	0.83	1.46	0.13	1.27
January.....	0.39	2.29	0.21	1.67	0.39	1.66
February.....	0.44	2.73	0.46	2.13	0.51	2.17
March.....	0.83	3.56	1.26	3.39	0.25	2.42
April.....	2.20	5.58	0.65	4.04	1.11	3.53
May.....	2.74	8.32	3.46	7.50	2.87	6.40
June.....	2.72	11.04	2.60	10.10	1.89	8.29
July.....	2.03	13.07	0.43	10.53	0.98	9.27
August.....	1.61	14.68	0.80	11.33	2.35	11.62
September.....	1.33	16.01	3.13	14.46	0.59	12.21
<b>*62-year record</b>						
<b>*OSHKOSH STATION, GARDEN COUNTY--ELEVATION - 3393</b>						
October.....	1.06	1.06	0.67	0.67	1.41	1.41
November.....	0.60	1.66	0.27	0.94	0.36	1.77
December.....	0.54	2.20	0.82	1.76	0.05	1.82
January.....	0.36	2.56	0.04	1.80	0.74	2.56
February.....	0.48	3.04	0.28	2.08	1.12	3.68
March.....	0.89	3.93	2.00	4.08	0.75	4.43
April.....	2.22	6.15	0.67	4.75	2.94	7.37
May.....	2.76	8.91	3.38	8.13	3.47	10.84
June.....	2.79	11.70	2.34	10.47	0.24	11.08
July.....	2.31	14.01	0.53	11.00	0.78	11.86
August.....	2.08	16.09	1.22	12.22	1.90	13.76
September.....	1.48	17.57	1.27	13.49	0.94	14.70
<b>*47-year record</b>						

	Normal		1959		1960	
	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative	Monthly Accumulative
<b>*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION - 2779</b>						
October.....	1.04	1.04	0.35	0.35	2.12	2.12
November.....	0.55	1.59	0.90	1.25	0.15	2.27
December.....	0.40	1.99	0.31	1.56	0.23	2.50
January.....	0.39	2.38	0.31	1.87	1.12	3.62
February.....	0.34	2.72	0.59	2.46	1.28	4.90
March.....	0.91	3.63	2.61	5.07	0.92	5.82
April.....	2.06	5.69	1.35	6.42	1.77	7.59
May.....	2.67	8.36	3.51	9.92	2.29	9.88
June.....	2.92	11.28	3.91	13.84	4.05	13.93
July.....	2.40	13.68	1.27	15.11	1.33	15.26
August.....	2.11	15.79	2.43	17.54	1.14	16.40
September.....	1.75	17.54	1.89	19.43	0.35	15.75
<b>*20-year record</b>						
<b>*LEXINGTON STATION, DANSON COUNTY--ELEVATION - 2404</b>						
October.....	1.49	1.49	0.03	0.03	2.49	2.49
November.....	0.70	2.19	0.62	0.65	0.00	2.49
December.....	0.66	2.85	0.12	0.77	0.03	2.52
January.....	0.50	3.35	0.68	1.45	1.88	4.40
February.....	0.72	4.07	0.65	2.10	1.42	5.82
March.....	1.10	5.17	3.72	5.82	0.56	6.38
April.....	2.38	7.55	1.11	6.93	3.33	9.71
May.....	3.23	10.78	3.13	10.06	3.19	12.50
June.....	3.74	14.52	3.29	13.35	5.95	18.55
July.....	2.99	17.51	2.63	15.98	2.18	21.03
August.....	2.70	20.21	3.27	19.25	0.94	21.97
September.....	1.98	22.19	1.47	20.72	0.59	22.56
<b>*9-year record</b>						
<b>*GRAND ISLAND STATION, HALL COUNTY--ELEVATION - 1841</b>						
October.....	1.31	1.31	0.00	0.00	1.48	1.48
November.....	0.98	2.29	0.67	0.67	0.56	2.04
December.....	0.55	2.84	0.10	0.77	0.62	2.66
January.....	0.58	3.42	0.66	1.43	1.65	4.31
February.....	0.66	4.08	0.41	1.84	1.14	5.45
March.....	1.28	5.36	4.35	6.19	1.44	6.89
April.....	2.22	7.58	3.05	9.25	2.72	9.61
May.....	3.87	11.45	6.66	15.97	4.07	13.68
June.....	3.66	15.11	4.09	20.06	3.87	17.55
July.....	2.63	17.74	0.95	21.01	3.16	20.71
August.....	2.39	20.13	3.11	24.12	2.60	23.31
September.....	2.57	22.70	2.36	26.48	2.10	25.41
<b>*68-year record</b>						

PRECIPITATION AT VARIOUS POINTS--Continued

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1959		1960	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
<b>*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION - 4085</b>						
October.....	0.96	0.96	0.37	0.37	1.11	1.11
November.....	0.51	1.47	0.25	0.62	0.00	1.11
December.....	0.45	1.96	1.30	1.92	0.01	1.12
January.....	0.32	2.24	0.58	2.50	0.60	1.72
February.....	0.39	2.63	0.28	2.78	0.54	2.26
March.....	0.84	3.47	1.73	4.51	0.65	2.91
April.....	2.23	5.70	0.51	5.02	0.93	3.84
May.....	2.75	8.45	3.40	8.42	3.74	7.58
June.....	2.82	11.27	1.25	9.67	1.87	9.45
July.....	1.79	13.06	0.15	9.82	0.68	10.13
August.....	1.85	14.91	1.68	11.50	1.16	11.29
September.....	1.30	16.21	2.26	13.76	1.04	12.33

\*32-year record

\*OED STATION, VALLEY COUNTY--ELEVATION - 2062

October.....	1.55	1.55	0.00	0.00	2.08	2.08
November.....	0.74	2.29	1.04	1.04	0.12	2.20
December.....	0.67	2.96	0.21	1.25	0.19	2.39
January.....	0.46	3.42	0.46	1.71	2.31	4.70
February.....	0.61	4.03	0.82	2.53	1.33	6.03
March.....	1.05	5.08	3.38	5.91	1.45	7.48
April.....	2.53	7.61	1.27	7.18	2.24	9.72
May.....	3.40	11.01	4.53	11.71	5.92	15.64
June.....	4.14	15.15	2.48	14.19	4.92	20.56
July.....	3.06	18.21	2.53	16.72	1.15	21.71
August.....	2.55	20.76	2.24	18.96	2.36	24.07
September.....	2.38	23.14	0.93	19.89	1.94	26.01

\*69-year record

\*FORT ROBINSON STATION, DAVES COUNTY--ELEVATION - 3807

October.....	1.29	1.29	0.19	0.19	0.71	0.71
November.....	0.53	1.82	0.46	0.46	0.19	0.90
December.....	0.62	2.44	0.37	0.83	0.28	1.18
January.....	0.57	3.01	0.46	1.29	0.46	1.64
February.....	0.63	3.64	0.26	1.55	0.48	2.12
March.....	1.11	4.75	1.03	2.58	0.39	2.51
April.....	2.07	6.82	0.59	3.17	4.85	4.85
May.....	2.87	9.69	4.09	7.26	3.60	8.45
June.....	2.83	12.52	3.41	10.67	1.22	9.67
July.....	2.06	14.58	0.79	11.46	0.16	9.83
August.....	1.59	16.17	0.39	11.85	2.28	12.11
September.....	1.32	17.49	2.82	14.67	0.41	12.52

\*76-year record

	Normal		1959		1960	
	Monthly	Accumulative	Monthly	Accumulative	Monthly	Accumulative
<b>*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION - 2565</b>						
October.....	1.15	1.15	0.54	0.54	2.91	2.91
November.....	0.62	1.77	0.86	1.40	0.10	3.01
December.....	0.58	2.35	0.70	2.10	0.80	3.81
January.....	0.41	2.76	0.91	3.01	1.33	5.14
February.....	0.54	3.30	0.34	3.35	2.57	7.71
March.....	1.04	4.34	1.84	5.19	1.13	8.84
April.....	2.19	6.53	1.50	6.69	1.11	9.95
May.....	2.94	9.47	3.13	9.82	2.78	12.73
June.....	3.44	12.91	1.89	11.71	2.37	15.10
July.....	2.85	15.76	3.40	15.11	2.18	17.28
August.....	2.58	18.34	3.31	18.42	1.70	18.98
September.....	1.61	19.95	2.07	20.49	0.93	19.91

\*72-year record

\*GENOA STATION, HANCE COUNTY--ELEVATION - 1584

October.....	1.59	1.59	0.00	0.00	1.55	1.55
November.....	0.89	2.48	0.64	0.64	0.18	1.73
December.....	0.82	3.30	0.00	0.64	0.40	2.13
January.....	0.64	3.94	0.31	0.95	0.86	2.99
February.....	0.76	4.70	0.55	1.50	0.73	3.72
March.....	1.15	5.85	3.88	5.38	1.53	5.25
April.....	2.59	8.44	2.00	7.38	2.47	7.72
May.....	3.94	12.38	6.33	13.71	5.54	13.26
June.....	4.49	16.87	2.59	16.30	5.36	18.62
July.....	3.43	20.30	1.33	17.63	1.32	19.94
August.....	2.83	23.13	6.09	23.72	2.67	22.61
September.....	2.95	26.08	1.86	25.58	1.66	24.27

\*84-year record

\*HOLDREGE STATION, PHELPS COUNTY--ELEVATION - 2335

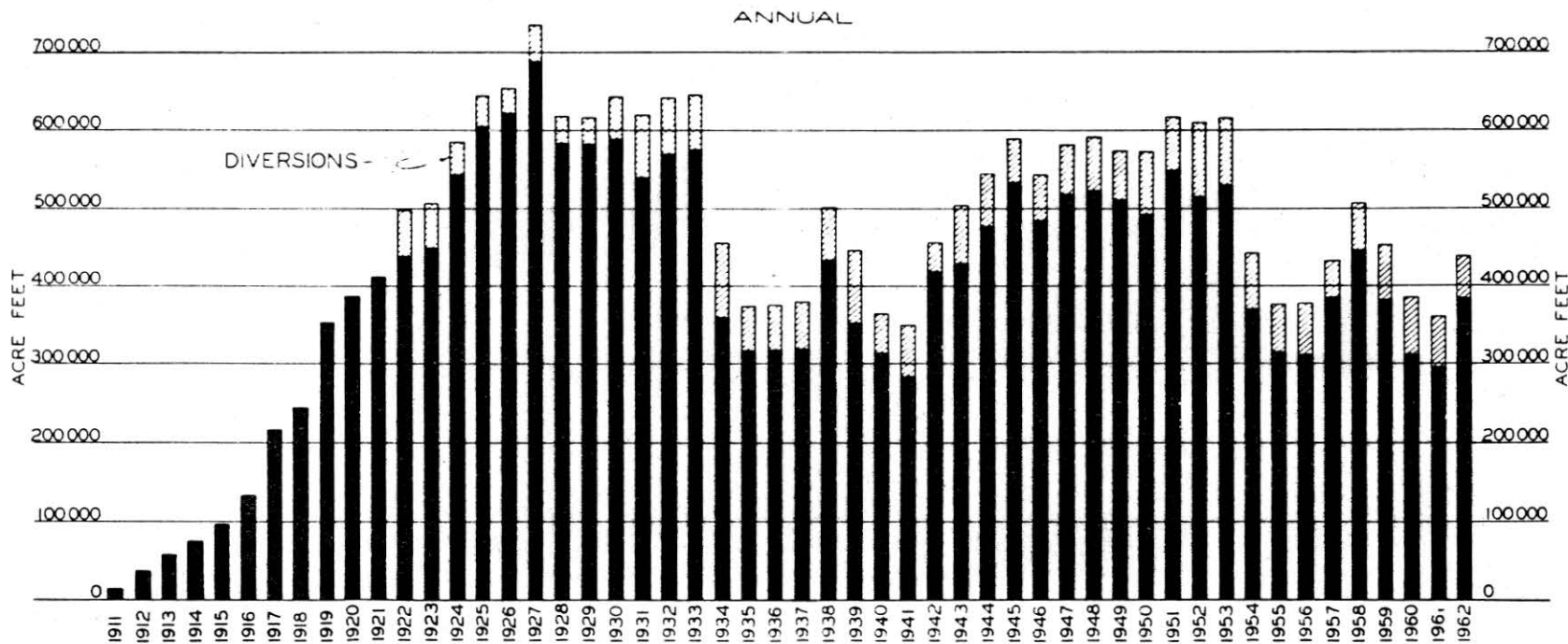
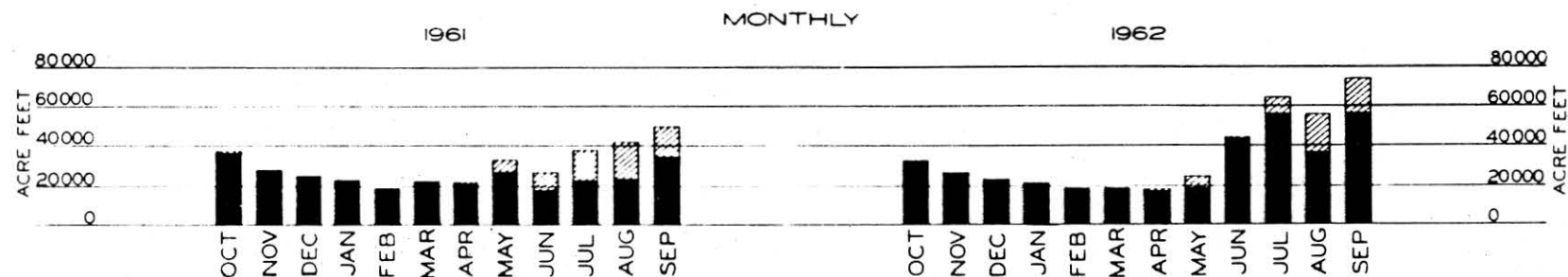
October.....	1.46	1.46	0.04	0.04	1.97	1.97
November.....	0.83	2.29	0.78	0.82	0.03	2.00
December.....	0.64	2.93	0.21	1.03	0.07	2.07
January.....	0.47	3.40	0.89	1.92	1.94	4.01
February.....	0.70	4.10	0.55	2.47	1.70	5.71
March.....	1.10	5.20	3.75	6.22	1.18	6.89
April.....	2.71	7.91	1.79	8.01	3.78	10.67
May.....	3.63	11.54	3.57	11.58	3.88	14.55
June.....	3.95	15.49	1.35	12.93	8.77	23.72
July.....	2.92	18.41	3.11	16.04	1.87	25.19
August.....	2.63	21.04	4.80	20.84	1.03	26.22
September.....	2.16	23.20	2.38	23.22	0.97	27.19

\*70-year record



# CONTRIBUTION FROM DRAINS

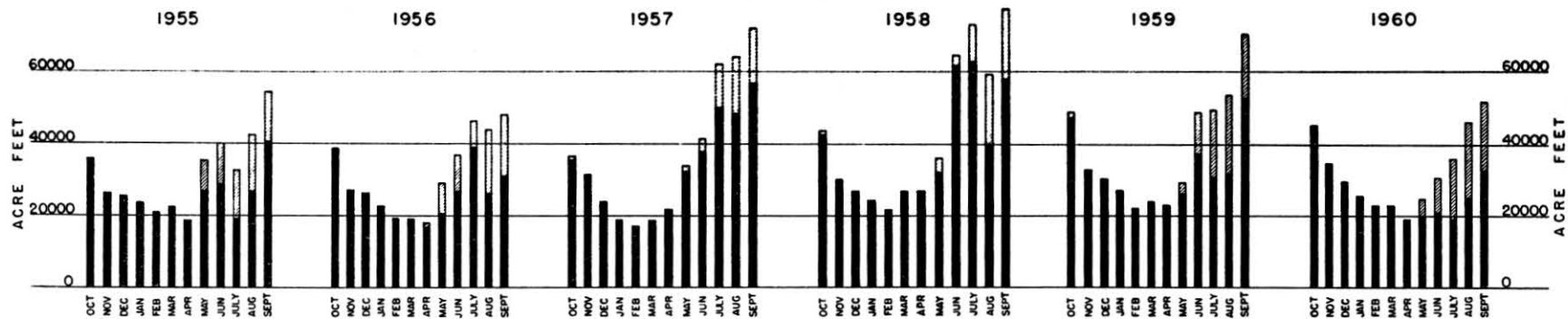
WYO-NEB LINE TO BRIDGEPORT



# CONTRIBUTION FROM DRAINS

WYO-NEB LINE TO BRIDGEPORT

MONTHLY



ANNUAL

