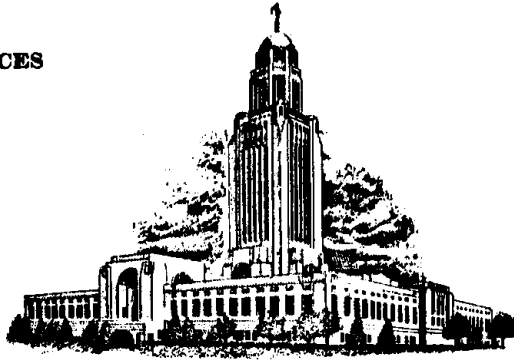


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STATE OF NEBRASKA
DEPARTMENT OF WATER RESOURCES

HYDROGRAPHIC REPORT

1961 — 1962



State of Nebraska

LINCOLN ■ 68509

IN REPLY REFER TO

December 10, 1963

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

Dear Governor Morrison:

I have the honor to transmit to you herewith a hydrographic report for the water years 1961 and 1962.

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 It also contains heretofore unpublished discharge records of certain natural streams in Nebraska.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
1961 and 1962

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

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HYDROGRAPHIC REPORT 1961 AND 1962

INTRODUCTION

The records of daily diversions from streams by canals during the 1961 and 1962 water years are published in this Hydrographic Report. Also published herein are stream discharge records and reservoir storage records obtained in Nebraska which are not published by the United States Geological Survey.

The basic stream gaging program in Nebraska is carried on under a cooperative agreement between the Surface Water Branch, U. S. Geological Survey, and the Nebraska Department of Water Resources. Additional stream flow records are collected in the State by the U. S. Geological Survey in cooperation with other Federal agencies. All such cooperative daily discharge records are now published annually on a State-Boundary basis as Nebraska Surface Water Records by the Geological Survey in a form similar to this publication.

Copies of this Hydrographic Report may be obtained by addressing the Nebraska Department of Water Resources, Capitol Building, Lincoln, Nebraska, 68509. Copies of Nebraska Surface Water Records may be obtained by addressing the District Engineer, U. S. Geological Survey, Room 132, Nebraska Hall, University of Nebraska, Lincoln, or the Nebraska Department of Water Resources.

EXPLANATION OF DATA

The water diverted from streams into canals is measured through rating flumes located as near as possible to the headgates of the canals on the banks of the streams from which the water is diverted. The legal description of the land on which the rating flume is situated is given 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 the ensuing year. The acreage actually irrigated is sometimes less than that reported because of unforeseen weather and moisture conditions or for other reasons.

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

DAILY DISCHARGE OF RIVERS AND STREAMS
NOT PUBLISHED BY U.S. GEOLOGICAL SURVEY
1961

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DISCHARGE IN SECOND-FOOT OF NORTH PLATTE RIVER PASSING
TRI-STATE DAM--Water Year Ending September 30, 1961

Date	Oct.	May	June	July	Aug.	Sept.
1	109	133	1	24	27	24
2	112	102	1	125	15	14
3	52	94	1	128	10	8
4	1	89	3	197	6	10
5	1	86	4	252	4	14
6	1	84	4	226	10	15
7	1	84	61	245	9	12
8	3	22	72	363	29	8
9	3	1	117	354	233	10
10	4	1	125	378	72	12
11	8	1	122	230	17	12
12	3	1	46	107	24	14
13	1	1	3	89	34	14
14	1	249	1	14	25	14
15	38	76	1	1	34	14
16	112	24	1	4	27	10
17	104	22	1	9	42	9
18	91	24	1	4	42	6
19	79	63	1	1	40	4
20	70	27	1	30	34	3
21	67	24	1	130	30	1
22	63	24	1	50	30	1
23	56	10	1	25	22	27
24	50	9	1	36	18	12
25	48	9	1	29	22	8
26	50	8	1	30	22	4
27	50	6	1	36	18	17
28	50	1	1	14	18	14
29	82	4	3	67	25	48
30	147	4	20	1	24	186
31	159	3	--	304	24	---
Mean	52	41	20	113	32	18
Max.	159	249	125	378	233	186
Min.	1	1	1	1	4	1
A.F.	3200	2550	1190	6950	1960	1080
Total acre-feet for 6 month period						
16930 A.F.						

KINGSLEY RESERVOIR STORAGE IN ACHE-FOOT
Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1100500	1138900	1152700	1182700	1220300	1268200	1339500	1403200	1455800	1471700	1295000	1148100
2	1098200	1138900	1152700	1182700	1222600	1270600	1342000	1405800	1455800	1471700	1290200	1145800
3	1096000	1141200	1152700	1185000	1222600	1273000	1342000	1405800	1458400	1471700	1285200	1138900
4	1096000	1141200	1152700	1185000	1225000	1275400	1344500	1408400	1458400	1466400	1280400	1136600
5	1098200	1143500	1152700	1187400	1227400	1277900	1347000	1413600	1461100	1466400	1273000	1134300
6	1098200	1143500	1155000	1187400	1229800	1280400	1347000	1416200	1461100	1463800	1265800	1129800
7	1098200	1145800	1155000	1189800	1232200	1280400	1349500	1416200	1463800	1458400	1261000	1127500
8	1098200	1148100	1155000	1192100	1232200	1282800	1352000	1418800	1463800	1453200	1253800	1123000
9	1100500	1148100	1155000	1192100	1234600	1285200	1354500	1421400	1466400	1453200	1246600	1120800
10	1102800	1150400	1155000	1194400	1237000	1290200	1357000	1421400	1469000	1447800	1239400	1118500
11	1105000	1152700	1157300	1196800	1239400	1290200	1362000	1421400	1469000	1435900	1232200	1114000
12	1105000	1152700	1157300	1196800	1241800	1292600	1364500	1424000	1471700	1434600	1225000	1111800
13	1105000	1155000	1157300	1199200	1244200	1295000	1367000	1424000	1471700	1426600	1220300	1107200
14	1107200	1155000	1159600	1201500	1244200	1300000	1372000	1426600	1471700	1421400	1213200	1105000
15	1107200	1157300	1161900	1203800	1246600	1300000	1372000	1426600	1471700	1413600	1208500	1100500
16	1109500	1157300	1161900	1206200	1249000	1302400	1374500	1426600	1471700	1405800	1203800	1098200
17	1114000	1157300	1161900	1208500	1251400	1304800	1374500	1432000	1471700	1398000	1199200	1093800
18	1116200	1157300	1164200	1210900	1251400	1307300	1377200	1432000	1471700	1390200	1194400	1091500
19	1116200	1157300	1164200	1210900	1253800	1309800	1379800	1434600	1474400	1379800	1192100	1089200
20	1118500	1157300	1166500	1213200	1253800	1312200	1382400	1434600	1474400	1372000	1187400	1089200
21	1120800	1157300	1166500	1213200	1256200	1314600	1385000	1437200	1474400	1367000	1185000	1087000
22	1123000	1157300	1168800	1213200	1258600	1317100	1387600	1437200	1474400	1359500	1180300	1084800
23	1125200	1157300	1168800	1213200	1261000	1319600	1387600	1439900	1474400	1352000	1178000	1084800
24	1125200	1157300	1168800	1215600	1263400	1319600	1390200	1442600	1471700	1342000	1173400	1082600
25	1127500	1157300	1171100	1215600	1265800	1322000	1390200	1442600	1471700	1339500	1171100	1082000
26	1129800	1157300	1173400	1215600	1265800	1324500	1392800	1445200	1471700	1332000	1168800	1080400
27	1129800	1159600	1175700	1218000	1265800	1329500	1395400	1445200	1471700	1322000	1164200	1080400
28	1132000	1159600	1178000	1218000	1268200	1332000	1395400	1447800	1471700	1317100	1159600	1080400
29	1134300	1157300	1178000	1218000	-----	1332000	1398000	1447800	1471700	1309800	1157300	1080400
30	1134300	1155000	1180300	1218000	-----	1334500	1400600	1450500	1471700	1304800	1155000	1080400
31	1136600	-----	1180300	1220300	-----	1337000	-----	1453200	1471700	1300000	1152700	-----

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, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	41595	22367	38844	46491	40875	49416	45804	30410	51250	70253	46101	52839
2	42796	21535	39640	45721	40411	49982	45217	30068	52264	67810	44821	52473
3	4280F	20829	40701	45686	40315	50508	44461	30256	54523	64627	43988	52596
4	42616	20633	42292	45702	40436	50743	43589	30013	56062	61164	43597	51513
5	42351	20236	43309	46351	40603	51205	42510	29637	57574	57150	43088	51268
6	41552	19936	44555	46158	41469	51469	41549	29168	58776	53609	42501	49349
7	40784	19914	45678	46300	41710	52280	40368	28698	59921	51140	41763	48929
8	39618	19796	46192	46469	41926	52836	39953	28154	61144	48904	41329	47827
9	38251	19652	47110	46495	41980	52717	39520	27967	62529	47840	41049	46122
10	36778	19735	48048	46622	42130	52854	39423	27197	64129	46682	40768	45052
11	35729	19858	48384	46750	42682	53017	39544	25940	65202	46004	40615	44702
12	33521	19962	48945	46927	43418	52990	39254	25412	66652	45458	42752	44258
13	32448	20027	49353	47249	44178	52963	39086	25040	68324	44795	45491	44902
14	30566	20960	49833	47653	44746	52990	38941	24711	69664	44368	47854	45055
15	29336	21679	46264	47954	45120	53137	38821	24420	71522	43643	49429	45198
16	28716	22457	49914	48308	45397	52935	38652	24702	72866	43725	49719	46571
17	27769	23365	50252	48486	45856	52935	38338	25039	74136	42909	51844	47479
18	28113	25025	50279	48911	45729	52680	38156	25922	75334	42537	53072	47806
19	27627	26351	50470	49263	45882	52533	37909	28543	76529	42157	54374	47933
20	27236	27582	50193	49310	46260	52358	37732	29892	77249	42732	55247	48461
21	26726	28959	48932	48881	46744	52211	37430	31546	78986	43314	56305	48702
22	26283	30360	48290	48507	47229	51983	37116	33097	80214	44290	56608	49778
23	25892	31605	47929	47785	47934	51464	36601	34262	79990	44851	55400	50170
24	25450	32860	47892	47421	48189	51011	36411	35862	80470	45402	55848	50607
25	24854	34094	48366	4656F	48643	50373	35906	37114	80701	45836	55056	51636
26	24253	35495	48592	45816	48373	50165	35211	39972	79308	46244	54231	52601
27	23864	36957	48830	45162	49128	49500	34246	42899	78478	46574	53816	53420
28	23811	37420	48537	43572	49536	48359	33067	44715	77362	46931	53495	54156
29	23448	38182	47667	42557	-----	47655	32203	46499	75720	47237	53117	54511
30	23320	38411	46396	41787	-----	46899	31545	48604	72939	47154	52986	55083
31	22745	-----	46922	40823	-----	46389	-----	49668	-----	47200	52838	-----

DISCHARGE IN SECOND- FEET AT THE CONFLUENCE OF NORTH AND
SOUTH PLATTE RIVERS NEAR NORTH PLATTE
Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1080	951	1250	1200	1230	885	856	1350	1360	1400	3090	1620
2	1010	988	1240	1080	1100	891	843	1220	1300	1380	3130	1530
3	1080	944	1040	980	1100	938	879	854	1300	1470	3180	1450
4	1080	916	1010	869	931	949	927	1170	1340	1940	3280	1660
5	991	939	1100	881	761	928	930	1360	1400	2060	3320	1740
6	968	874	979	1000	849	965	980	1200	1690	2280	3320	1870
7	972	941	889	997	876	796	988	1090	1890	2480	3380	1940
8	1010	954	982	908	840	803	1130	1010	1640	2840	3410	1980
9	930	906	1050	1020	444	746	1000	904	1820	3080	3500	2070
10	969	872	1000	942	883	807	1070	931	1920	3380	3560	1880
11	1080	904	947	991	866	944	1260	1080	2700	3420	3390	1900
12	1070	919	998	947	947	1230	1390	1060	4380	3450	3200	1860
13	1080	901	990	914	943	1230	1270	1220	4770	3690	2460	1880
14	1150	931	930	907	975	1020	1160	1540	4500	3480	2820	1740
15	1220	935	862	875	855	892	1110	1410	4360	3790	2660	1770
16	1000	908	844	915	867	857	965	1090	4430	3800	2600	1480
17	896	926	901	875	823	848	859	1070	4580	3740	1830	1340
18	927	905	891	792	826	845	879	1080	4650	3720	1360	1470
19	1010	877	1010	828	832	834	915	1040	4400	3590	1180	1330
20	857	865	952	836	925	889	881	1090	3750	3620	1190	1400
21	961	905	1100	888	967	806	870	1030	3070	3640	1170	1430
22	978	909	1190	936	870	794	895	1210	2440	3570	1350	1410
23	862	937	1150	1010	799	761	860	1080	2170	3420	1500	1430
24	1010	842	1140	1020	803	892	922	1010	1860	3310	1530	1260
25	983	955	1110	1050	803	896	924	1050	1580	3270	1640	1380
26	866	898	1140	1020	807	832	950	804	1620	3310	1700	1160
27	856	889	1190	1220	885	935	1080	899	1450	3170	1580	1200
28	923	1020	1120	1260	890	1260	1160	816	1270	3050	1350	1120
29	888	922	1210	1290	-----	877	1130	871	1320	3010	1480	1170
30	886	1090	1170	1380	-----	867	977	1010	1310	2880	1470	1140
31	857	-----	1260	1280	-----	877	-----	1290	-----	2940	1450	-----
Mean	932	924	1053	1004	882	906	1009	1092	2457	3039	2409	1554
Max.	1220	1090	1250	1380	1230	1260	1390	1350	4770	3800	3560	2070
Min.	856	842	844	792	444	746	843	804	1270	1380	1350	1120
A.F.	60400	54990	64730	61710	48990	55720	60030	67120	151100	186880	143370	92450
Total acre-feet	1047490 A.F.											

DISCHARGE IN SECOND-FEET OF PLATTE RIVER BELOW
TRI-COUNTY DIVERSION DAM--Sec. 10-13-29 W.
Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	85	90	105	808	100
2	158	100	75	835	66
3	75	75	62	826	66
4	85	34	158	920	44
5	198	44	204	910	120
6	169	115	234	940	90
7	105	130	292	960	66
8	62	80	590	1030	152
9	136	30	745	980	75
10	105	34	1000	1010	44
11	158	398	1220	990	75
12	222	1340	1180	871	152
13	130	1990	1380	279	110
14	164	1980	1340	474	90
15	169	1700	1420	1970	130
16	164	1650	1430	2120	105
17	125	1790	1460	1910	75
18	100	1860	1500	910	48
19	152	1820	1420	428	95
20	125	1420	1380	192	90
21	100	910	1410	192	48
22	142	450	1290	70	100
23	169	279	1230	142	95
24	90	125	1150	48	70
25	70	80	1140	95	57
26	100	66	1080	62	115
27	57	164	1010	34	80
28	30	95	890	24	62
29	24	62	817	80	85
30	85	110	683	57	70
31	80	---	736	44	---
Mean	117	634	924	652	86
Max.	222	1990	1500	2120	152
Min.	24	30	62	24	44
A.F.	7210	37720	56790	40090	5110

DISCHARGE IN SECOND-FEET OF BAYARD SUGAR FACTORY DRAIN NEAR BAYARD
Sec. 5-20-52 W.--Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	45	30	20	22	21	20	19	1.3	2.0	3.2	47	2.0
2	43	30	24	22	20	20	20	1.0	1.5	.7	35	2.0
3	45	30	26	22	20	20	20	.8	2.6	.4	32	1.7
4	48	33	28	22	20	20	20	.8	1.5	.4	26	2.0
5	47	42	25	22	21	20	20	.8	1.1	.3	16	2.8
6	43	39	22	22	21	20	20	.8	1.1	.4	16	3.4
7	32	30	22	21	20	20	21	.8	1.0	.4	17	3.4
8	32	26	23	22	21	20	20	.9	6.9	.5	18	4.5
9	32	27	23	22	21	20	20	1.1	27	.5	21	12
10	33	28	22	21	22	22	20	.9	32	.5	23	14
11	33	28	22	20	21	22	20	.6	30	.5	23	20
12	34	28	22	20	21	22	19	.3	43	.5	22	15
13	35	27	22	20	20	21	19	14	42	.3	24	14
14	40	27	23	21	20	21	20	57	11	.2	22	15
15	38	27	24	22	20	25	20	20	1.7	.2	18	20
16	32	30	23	23	20	22	20	16	1.5	.2	20	26
17	30	34	22	22	20	22	20	15	1.5	.5	18	24
18	30	26	22	22	20	27	20	10	1.5	.5	15	22
19	33	26	20	22	20	26	20	42	1.1	.5	15	24
20	31	25	20	20	20	24	20	42	1.7	.4	15	26
21	30	26	22	20	21	24	20	77	2.8	.4	16	26
22	25	25	20	20	20	22	20	62	2.2	2.2	16	49
23	26	27	24	20	20	22	19	41	2.2	1.7	14	53
24	30	28	22	20	20	21	20	33	2.4	3.4	14	50
25	28	26	20	20	20	21	17	34	2.6	2.8	12	51
26	35	26	17	20	20	20	17	34	1.1	3.7	11	55
27	36	23	22	20	20	20	18	34	1.3	4.5	13	58
28	31	15	22	20	20	20	17	11	1.3	7.0	11	67
29	30	21	24	20	---	20	7.0	2.8	1.3	52	8.2	56
30	34	22	22	20	---	20	1.7	2.4	1.5	30	2.8	51
31	32	---	22	22	---	18	---	2.2	---	66	2.2	---
Mean	35	28	22	21	20	21	18	18	7.7	6.0	18	26
Max.	48	42	28	23	22	27	21	77	43	66	47	67
Min.	25	15	17	20	20	18	1.7	0.3	1.0	0.2	2.2	1.7
A.F.	2130	1650	1370	1290	1130	1310	1100	1110	457	367	1120	1530
Total acre-feet	14560 A.F.											

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR ELM CREEK
 Sec. 33-9-18 W.--Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	0	1	8	8	10
2	0	1	12	8	9
3	0	72	19	6	6
4	1	80	18	0	3
5	1	31	19	0	4
6	1	14	43	0	6
7	1	9	27	1	9
8	9	8	16	0	7
9	9	28	22	3	7
10	8	18	10	8	7
11	16	12	22	13	4
12	12	7	12	16	7
13	8	5	23	76	7
14	4	6	37	22	10
15	2	5	25	59	10
16	2	8	14	82	16
17	2	66	8	44	16
18	55	58	9	25	11
19	11	57	8	22	11
20	10	27	12	20	12
21	7	59	8	61	12
22	71	58	7	42	14
23	80	58	9	32	22
24	41	56	18	26	22
25	53	35	35	20	16
26	18	14	38	22	10
27	6	10	28	20	7
28	4	8	15	17	8
29	3	8	16	13	8
30	3	8	11	11	8
31	1	-	7	9	-
Mean	14	28	18	22	10
Max.	80	80	43	82	22
Min.	0	1	7	0	3
A.F.	870	1640	1100	1360	590

DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER
 Sec. 11-18-48 W.--Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	7	10	3	20	6
2	7	8	3	35	6
3	7	8	3	40	5
4	7	7	2	33	13
5	7	6	2	22	12
6	7	7	3	20	13
7	7	6	3	21	15
8	6	6	3	7	14
9	6	7	3	5	13
10	7	8	3	3	14
11	7	8	3	3	14
12	7	8	3	3	17
13	7	10	3	3	19
14	18	10	4	3	14
15	14	33	3	3	14
16	14	33	3	3	6
17	17	32	2	3	7
18	16	23	2	3	10
19	16	22	2	3	11
20	8	22	2	2	16
21	8	18	2	6	15
22	7	14	3	6	19
23	6	14	3	6	29
24	5	8	3	3	27
25	6	9	3	3	25
26	6	8	10	3	26
27	17	3	22	3	22
28	18	3	21	3	23
29	26	2	19	4	26
30	24	2	19	3	28
31	11	-	33	4	--
Mean	11	12	6	9	16
Max.	26	33	33	40	29
Min.	5	2	2	2	5
A.F.	650	700	380	550	950

DISCHARGE IN SECOND-FEET OF CLEARWATER CREEK NEAR CLEARWATER
 Sec. 13-25-8 W.--Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	26	18	23
2	---	---	---	---	---	---	---	---	---	26	14	20
3	---	---	---	---	---	---	---	---	---	26	15	18
4	---	---	---	---	---	---	---	---	---	26	11	18
5	---	---	---	---	---	---	---	---	---	26	15	18
6	---	---	---	---	---	---	---	---	---	26	14	22
7	---	---	---	---	---	---	---	---	---	27	12	21
8	---	---	---	---	---	---	---	---	---	27	13	21
9	---	---	---	---	---	---	---	---	---	26	12	20
10	---	---	---	---	---	---	---	---	---	25	15	20
11	---	---	---	---	---	---	---	---	---	25	12	20
12	---	---	---	---	---	---	---	---	---	23	14	31
13	---	---	---	---	---	---	---	---	---	20	13	34
14	---	---	---	---	---	---	---	---	---	19	14	28
15	---	---	---	---	---	---	---	---	---	18	14	25
16	---	---	---	---	---	---	---	---	---	18	14	24
17	---	---	---	---	---	---	---	---	---	16	13	23
18	---	---	---	---	---	---	---	---	---	13	80	23
19	---	---	---	---	---	---	---	---	---	16	21	22
20	---	---	---	---	---	---	---	---	---	20	22	28
21	---	---	---	---	---	---	---	---	---	15	22	36
22	---	---	---	---	---	---	---	---	---	15	22	28
23	---	---	---	---	---	---	---	---	---	15	25	27
24	---	---	---	---	---	---	---	---	---	12	26	26
25	---	---	---	---	---	---	---	---	---	15	25	25
26	---	---	---	---	---	---	---	---	---	12	19	25
27	---	---	---	---	---	---	---	---	---	14	16	23
28	---	---	---	---	---	---	---	---	---	68	19	23
29	---	---	---	---	---	---	---	---	---	24	22	23
30	---	---	---	---	---	---	---	---	---	20	18	25
31	---	---	---	---	---	---	---	---	---	20	20	--
Mean	---	---	---	---	---	---	---	---	---	22	19	24
Max.	---	---	---	---	---	---	---	---	---	68	80	36
Min.	---	---	---	---	---	---	---	---	---	12	11	18
A.F.	---	---	---	---	---	---	---	---	---	1350	1170	1430

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
Sec. 6-20-52 W.--Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	1	18	2	26	6
2	1	16	2	24	9
3	2	19	6	24	9
4	3	14	2	23	10
5	3	14	2	22	9
6	2	9	2	22	9
7	2	10	2	17	8
8	2	14	2	8	9
9	2	27	3	9	9
10	2	22	5	6	9
11	2	23	3	6	10
12	2	23	5	6	10
13	2	21	6	8	8
14	25	18	5	7	8
15	6	14	5	8	10
16	6	14	4	9	10
17	4	15	5	9	8
18	3	14	4	6	9
19	4	14	4	8	10
20	5	12	4	9	8
21	4	13	5	9	8
22	9	13	6	8	15
23	4	7	6	6	13
24	4	7	6	6	13
25	4	9	6	7	13
26	4	9	6	7	10
27	7	6	4	7	14
28	7	5	8	8	14
29	7	4	30	8	14
30	12	2	24	7	17
31	12	-	26	7	-
Mean	5	14	6	11	10
Max.	25	27	30	26	17
Min.	1	2	2	6	6
A.F.	300	810	400	670	610

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO
Sec. 34-1²-46 W.--Water Year Ending September 30, 1961

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

CRESCENT LAKE STORAGE IN ACHE-FEET
Head of Blue Creek--Sec. 21-20-44 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	60	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	830	---	---
4	---	10	---	---	---	---	---	---	---	---	---	---
5	---	---	---	400	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	710	580	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	0	---	---	---	---	---	---	---
10	---	---	---	---	---	740	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	630	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	610	---	---
15	---	---	---	---	---	700	---	---	1280	---	470	150
16	---	---	---	---	---	740	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	320	---	60	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	10	---	---	---	590	520	---	---	---	360	490	---
25	---	90	---	---	---	---	970	1290	---	---	---	---
26	---	---	---	---	---	---	---	---	1100	---	---	---
27	---	---	---	---	---	---	950	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	340	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	220
31	---	---	---	---	---	---	---	---	---	590	---	---

DISCHARGE IN SECOND FEET OF DAWSON COUNTY DRAIN NO. 2
 Sec. 25-10-23 W.--Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	3	24	6	12	8
2	2	7	6	11	8
3	2	7	6	10	8
4	2	7	6	11	7
5	3	7	6	10	7
6	3	7	7	12	7
7	4	7	6	10	8
8	4	7	8	11	8
9	4	6	9	12	8
10	4	6	8	12	7
11	4	6	10	11	6
12	5	6	9	12	6
13	5	5	8	25	6
14	6	12	8	16	6
15	6	17	9	12	6
16	6	7	9	11	6
17	7	6	9	10	5
18	7	6	9	14	6
19	8	6	9	10	6
20	8	6	10	10	7
21	9	6	9	9	6
22	21	6	9	9	5
23	10	6	11	9	6
24	9	6	9	9	6
25	9	6	9	9	6
26	8	6	9	9	6
27	8	6	8	8	5
28	9	6	10	8	5
29	9	6	11	8	5
30	8	6	11	9	5
31	41	-	10	8	-
Mean	8	7	9	11	6
Max.	41	24	11	25	8
Min.	2	5	6	8	5
A.F.	460	440	520	670	380

DISCHARGE IN SECOND-FEET OF DOGOUT CREEK, UPPER
 NEAR NORTHPORT--Sec. 20-20-50 W.
 Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	1	1	1	6	5
2	1	1	7	71	4
3	1	1	2	12	6
4	0	1	1	4	6
5	1	2	1	4	7
6	1	8	2	4	10
7	1	12	4	4	9
8	1	9	3	7	5
9	1	16	2	3	6
10	1	22	3	3	6
11	0	34	1	4	6
12	0	28	1	4	6
13	3	29	1	4	6
14	11	22	0	4	6
15	1	4	0	6	5
16	3	7	0	6	5
17	3	4	0	8	6
18	2	4	0	6	6
19	2	4	3	6	8
20	2	4	4	6	9
21	6	4	4	6	10
22	2	3	4	6	19
23	2	2	5	6	14
24	1	2	4	6	14
25	1	2	5	6	12
26	1	2	4	6	11
27	1	2	4	8	12
28	1	2	5	6	12
29	1	2	23	6	13
30	0	1	5	5	13
31	1	-	40	5	-
Mean	2	8	5	8	9
Max.	11	34	23	71	14
Min.	0	1	0	3	4
A.F.	100	470	280	470	510

DISCHARGE IN SECOND-FEET OF DUTCH FLATS DRAIN NEAR MITCHELL
 Sec. 9-23-56 W.--Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	14
2	---	---	---	---	---	---	---	---	---	---	---	14
3	---	---	---	---	---	---	---	---	---	---	---	14
4	---	---	---	---	---	---	---	---	---	---	---	14
5	---	---	---	---	---	---	---	---	---	---	---	15
6	---	---	---	---	---	---	---	---	---	---	---	15
7	---	---	---	---	---	---	---	---	---	---	---	15
8	---	---	---	---	---	---	---	---	---	---	---	13
9	---	---	---	---	---	---	---	---	---	---	---	12
10	---	---	---	---	---	---	---	---	---	---	---	11
11	---	---	---	---	---	---	---	---	---	---	---	9.0
12	---	---	---	---	---	---	---	---	---	---	---	8.0
13	---	---	---	---	---	---	---	---	---	---	---	6.8
14	---	---	---	---	---	---	---	---	---	---	---	6.9
15	---	---	---	---	---	---	---	---	---	---	---	6.9
16	---	---	---	---	---	---	---	---	---	---	---	6.9
17	---	---	---	---	---	---	---	---	---	---	---	6.9
18	---	---	---	---	---	---	---	---	---	---	---	7.1
19	---	---	---	---	---	---	---	---	---	---	---	7.1
20	---	---	---	---	---	---	---	---	---	---	---	7.0
21	---	---	---	---	---	---	---	---	---	---	---	6.9
22	---	---	---	---	---	---	---	---	---	---	---	6.8
23	---	---	---	---	---	---	---	---	---	---	---	6.9
24	---	---	---	---	---	---	---	---	---	---	---	7.1
25	---	---	---	---	---	---	---	---	---	---	---	7.3
26	---	---	---	---	---	---	---	---	---	---	---	7.1
27	---	---	---	---	---	---	---	---	---	---	---	6.9
28	---	---	---	---	---	---	---	---	---	---	---	7.3
29	---	---	---	---	---	---	---	---	---	---	---	7.6
30	---	---	---	---	---	---	---	---	---	---	---	7.3
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	9.4
Max.	---	---	---	---	---	---	---	---	---	---	---	15
Min.	---	---	---	---	---	---	---	---	---	---	---	6.8
A.F.	---	---	---	---	---	---	---	---	---	---	---	557

DISCHARGE IN SECOND-PIET OF FREMONT SLOUGH INFC
SUTHERLAND POWER RETURN--Sec. 16-13-30 W.
Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	45	33	24	17	19
2	43	30	23	17	19
3	38	31	23	17	18
4	46	30	23	17	18
5	58	32	22	17	20
6	49	36	21	17	20
7	49	38	23	15	20
8	40	32	22	15	20
9	36	30	23	16	20
10	35	32	22	17	20
11	33	31	20	17	20
12	32	30	19	16	20
13	30	31	22	18	22
14	33	30	21	17	22
15	38	43	19	18	20
16	34	40	20	18	20
17	57	37	18	19	20
18	43	36	17	18	20
19	45	34	13	18	20
20	40	31	16	17	28
21	43	29	22	19	28
22	60	29	18	18	24
23	49	29	15	19	26
24	39	28	18	18	28
25	39	26	16	19	26
26	34	26	16	19	26
27	31	26	17	19	24
28	30	26	17	19	24
29	30	26	20	19	26
30	32	26	18	19	24
31	33	---	19	20	---
Mean	40	33	20	18	22
Max.	60	70	24	20	28
Min.	30	26	13	15	18
A.F.	2470	1940	1200	1090	1320

DISCHARGE IN SECOND-PIET OF INDIAN CREEK NEAR NORTHPORT
Sec. 19-20-50 W.--Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	5	21	2	10	7
2	4	16	6	15	5
3	4	17	3	10	8
4	5	17	1	13	8
5	5	19	1	12	8
6	5	20	4	10	9
7	4	23	2	11	9
8	4	26	5	10	9
9	10	16	6	10	9
10	10	15	3	10	13
11	8	16	3	10	14
12	7	10	6	13	14
13	6	15	8	12	14
14	19	17	8	12	15
15	10	17	6	9	14
16	6	14	4	10	11
17	5	12	6	10	14
18	10	12	6	10	13
19	13	10	6	11	13
20	9	10	5	11	12
21	13	9	6	12	16
22	32	6	11	12	18
23	11	4	12	8	16
24	11	3	11	8	16
25	11	2	11	9	14
26	12	3	11	12	17
27	12	3	10	11	18
28	12	3	10	10	16
29	12	2	12	9	11
30	26	2	13	7	15
31	27	-	40	5	---
Mean	11	12	8	10	13
Max.	32	26	40	15	18
Min.	4	2	1	5	5
A.F.	650	710	470	640	750

OLIVER RESERVOIR STORAGE IN ACRE-PIET
From Lodgepole Creek--Sec. 36-15-57 W.
Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	4120	---	4830	3810	1520
2	---	---	2290	---	---	---	---	4120	4620	4760	---	1460
3	---	---	---	---	---	---	---	4120	---	---	3800	---
4	---	1970	---	---	---	---	---	4120	4500	---	3800	---
5	---	---	---	---	---	---	---	4120	---	4680	3470	---
6	---	---	---	2740	3070	---	---	4170	---	---	3470	---
7	---	---	---	---	---	---	3930	---	5690	4500	3440	---
8	---	---	---	---	---	---	---	---	5710	---	3350	1410
9	---	---	---	---	---	3380	---	4180	---	---	3290	1400
10	---	2070	---	---	---	---	---	---	5820	---	3230	1380
11	---	---	---	---	---	---	---	---	---	---	2940	1380
12	---	---	---	2800	---	---	---	---	5860	---	2910	1380
13	---	---	---	---	---	---	---	---	---	4250	2870	1370
14	---	---	---	---	---	---	---	---	5980	4110	2840	1360
15	---	---	---	---	---	3580	---	---	---	4090	2720	1340
16	---	---	2530	---	3210	---	---	---	---	3930	2770	1320
17	---	---	---	---	---	---	---	4360	5820	3860	2680	1290
18	---	2180	---	---	---	---	---	---	---	3830	2560	1280
19	---	---	---	---	---	---	---	---	---	3830	2500	1260
20	---	---	---	2840	---	---	---	---	---	3800	2420	1250
21	1720	---	---	---	3280	---	4090	---	---	3790	2350	1240
22	---	---	---	---	---	---	---	---	5730	3770	2330	1220
23	---	2260	2610	---	---	---	---	---	---	3770	2240	1210
24	---	---	---	---	---	3730	---	4500	---	3770	2190	1200
25	---	---	---	---	---	---	---	---	---	3730	2120	---
26	---	---	---	---	---	---	4100	---	---	3730	---	---
27	1770	---	---	---	---	---	---	---	5680	3700	---	1200
28	---	---	---	---	---	---	---	---	---	3700	2010	---
29	---	---	---	---	---	---	---	---	---	3700	1980	1200
30	---	---	---	---	---	---	---	---	5270	3820	1730	1200
31	---	---	---	---	---	3760	---	---	---	3810	---	---

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
BELOW OLIVER RESERVOIR AND NEW HOTTNER DIVERSION DAM
Sec. 31-15-56 W.—Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	3	6	6	6	4
2	3	4	8	6	4
3	3	6	8	7	4
4	3	4	7	6	4
5	3	4	8	5	4
6	3	4	8	6	4
7	3	6	8	6	4
8	3	6	8	6	3
9	3	5	7	7	3
10	3	5	7	8	3
11	3	5	8	7	3
12	3	5	8	7	3
13	3	4	9	7	3
14	3	5	9	8	3
15	4	5	8	7	3
16	3	5	8	8	3
17	4	4	8	7	3
18	4	4	6	6	3
19	4	4	8	5	4
20	4	4	7	5	3
21	6	4	8	4	3
22	6	4	8	4	3
23	4	4	8	6	3
24	4	4	8	6	3
25	4	4	8	6	3
26	4	4	8	6	2
27	4	4	4	6	2
28	4	4	5	4	2
29	3	4	6	4	2
30	4	6	5	4	2
31	4	-	8	4	-
Mean	4	5	7	6	3
Max.	6	6	8	8	4
Min.	3	4	4	4	2
A.F.	220	270	460	370	180

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
ABOVE BENNETT RESERVOIR—Sec. 29-15-55 W.
Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	7	12	0	0	0
2	7	5	0	7	0
3	6	11	0	0	0
4	6	15	0	0	0
5	7	15	0	0	0
6	5	14	0	0	0
7	7	24	0	0	0
8	7	13	0	0	0
9	4	13	7	0	0
10	7	12	1	0	4
11	6	8	7	0	4
12	7	8	7	0	0
13	8	5	9	0	0
14	9	7	9	0	3
15	9	7	10	0	3
16	12	5	9	0	3
17	8	6	9	0	3
18	8	6	7	0	3
19	6	4	1	0	0
20	10	7	0	0	3
21	10	3	0	0	3
22	10	3	0	0	9
23	8	3	0	0	10
24	8	2	0	0	14
25	6	0	0	0	12
26	6	0	13	0	9
27	7	0	7	0	10
28	7	0	1	0	9
29	17	0	30	0	8
30	7	0	11	0	7
31	9	-	0	0	-
Mean	8	7	4	0	4
Max.	17	24	30	7	14
Min.	4	0	0	0	0
A.F.	470	410	280	10	230

BENNETT RESERVOIR STORAGE IN ACRE-FEET
A-657, A-1974, on Lodgepole Creek—Sec. 22-15-55 W.
Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	990	1020	940	1020	650
2	---	---	440	---	---	---	---	990	1160	---	960	650
3	---	---	---	---	---	---	---	---	---	---	930	---
4	---	---	---	---	---	---	---	990	1230	---	---	---
5	---	---	---	---	---	---	---	990	---	---	---	620
6	---	---	---	660	---	---	---	990	---	---	---	610
7	---	---	---	---	---	---	1050	990	1330	850	---	610
8	---	---	---	---	---	---	---	990	1330	---	920	570
9	---	---	---	---	---	900	---	940	1130	---	---	560
10	---	---	---	---	---	---	---	990	1130	---	---	---
11	---	---	---	---	---	---	---	990	---	960	900	560
12	---	---	---	710	---	---	1080	990	---	960	900	560
13	---	---	---	---	---	---	---	990	---	930	920	570
14	---	---	---	---	---	---	---	---	1080	990	900	---
15	---	---	---	---	---	990	---	990	---	900	900	580
16	---	---	510	---	870	---	---	980	---	870	---	---
17	---	---	---	---	---	---	---	980	1130	---	---	---
18	---	310	---	---	---	---	---	980	---	830	880	---
19	---	---	---	---	---	---	---	980	---	---	880	---
20	---	---	---	740	---	---	---	980	1130	810	840	---
21	0	---	---	---	890	---	1100	980	---	940	810	---
22	---	---	---	---	---	---	---	980	1150	---	810	600
23	---	410	---	---	---	---	---	940	---	870	800	600
24	---	---	---	---	---	970	---	950	1130	870	760	---
25	---	---	---	---	---	---	---	---	1070	---	740	600
26	---	---	---	---	---	---	990	---	1020	960	---	600
27	---	---	---	---	---	---	---	---	990	920	710	---
28	0	---	---	---	---	---	---	---	990	---	---	---
29	---	---	---	---	---	---	---	920	960	960	---	600
30	---	---	---	---	---	---	---	---	960	1040	---	600
31	---	---	---	---	---	---	---	1020	---	---	650	---

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
From Niobrara River--Sec. 28-29-49 W.
Live Storage for Irrigation
Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	5050	-----	8110	-----	-----	-----	-----	-----	-----	-----	-----	4940
2	-----	-----	-----	10200	-----	-----	-----	-----	-----	-----	-----	4840
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4680
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5430	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9310	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9000	4530
8	-----	-----	-----	-----	12560	-----	-----	-----	-----	14260	-----	-----
9	-----	-----	-----	10720	-----	-----	-----	-----	-----	-----	-----	-----
10	-----	-----	-----	-----	-----	-----	18030	-----	-----	-----	8210	4410
11	-----	-----	-----	-----	-----	15340	-----	-----	-----	-----	8050	-----
12	-----	-----	8860	-----	-----	-----	-----	-----	-----	-----	7970	-----
13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7850	-----
14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7610	4160
15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6940	3990
18	-----	-----	-----	-----	-----	-----	-----	-----	20790	12370	6880	-----
19	-----	-----	-----	-----	-----	16250	-----	-----	-----	-----	-----	3880
20	-----	-----	-----	11380	13580	-----	18750	20700	-----	11860	-----	3760
21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6610	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	19970	-----	-----	3720
23	-----	-----	-----	-----	-----	-----	-----	-----	19710	11660	-----	-----
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	11220	-----	-----
25	-----	-----	9670	-----	-----	-----	-----	-----	-----	-----	5990	-----
26	-----	-----	-----	-----	14090	-----	-----	-----	13750	-----	-----	-----
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5650	-----
28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5530	-----
29	-----	-----	-----	11940	-----	-----	-----	-----	-----	-----	5320	-----
30	-----	-----	-----	-----	-----	17340	19110	21130	17670	-----	-----	3710
31	6030	-----	-----	-----	-----	-----	-----	-----	-----	10610	5060	-----

DISCHARGE IN SECOND-FOOT OF MELBETA DRAIN NEAR
MELBETA--Sec. 13-21-54 W.
Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	1	1	0	15	1
2	1	0	0	11	1
3	1	1	2	11	1
4	1	1	3	20	4
5	1	2	0	4	9
6	1	1	1	4	5
7	0	1	0	4	1
8	1	1	42	2	0
9	1	6	1	3	0
10	0	1	4	0	0
11	0	1	1	0	0
12	0	1	0	0	0
13	0	1	4	3	0
14	21	1	1	2	0
15	24	1	4	2	1
16	1	1	0	0	1
17	6	8	5	0	0
18	8	12	6	3	0
19	4	13	2	3	0
20	1	5	0	3	0
21	3	4	4	4	0
22	3	4	3	3	1
23	1	1	4	0	2
24	1	1	6	1	2
25	1	1	5	1	2
26	1	2	5	1	2
27	1	5	2	2	1
28	1	3	1	2	1
29	1	0	12	2	1
30	1	0	21	2	1
31	1	-	20	2	-
Mean	3	3	5	4	1
Max.	24	13	42	20	9
Min.	0	0	0	0	0
A.F.	170	160	310	220	70

DISCHARGE IN SECOND-FOOT OF SILVERNAIL DRAIN
NEAR BRIDGEPORT--Sec. 6-19-49 W.
Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	3	23	4	9	5
2	3	25	4	10	5
3	3	21	4	5	32
4	3	13	4	13	6
5	3	17	4	5	38
6	3	27	4	7	21
7	3	18	7	9	6
8	2	21	4	8	4
9	3	29	4	7	4
10	3	26	7	16	4
11	3	26	9	17	30
12	3	21	7	6	19
13	3	23	9	8	17
14	40	21	7	8	22
15	4	17	7	17	6
16	4	18	4	10	5
17	5	23	4	12	5
18	5	20	4	8	4
19	6	14	6	9	4
20	7	8	10	9	27
21	9	5	7	9	16
22	10	5	8	6	21
23	10	5	13	6	19
24	10	4	11	18	7
25	4	4	7	29	6
26	4	4	5	20	7
27	35	4	6	25	21
28	36	4	9	16	29
29	36	4	11	18	11
30	19	4	13	5	9
31	18	-	29	4	-
Mean	10	15	7	11	14
Max.	40	29	29	29	38
Min.	3	4	4	4	4
A.F.	600	900	460	690	810

DISCHARGE IN SECOND-FEET OF STREVER CREEK
 Sec. 1-8-20 W.--Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	1	25	18	19	10
2	6	54	17	11	10
3	8	67	16	12	9
4	9	46	15	9	9
5	7	32	16	8	14
6	15	26	19	7	14
7	16	26	19	6	11
8	16	38	19	7	11
9	15	37	21	5	9
10	13	36	18	5	7
11	11	31	29	10	9
12	10	22	23	11	8
13	7	18	16	42	18
14	7	22	16	70	18
15	6	64	10	63	29
16	12	73	7	69	26
17	13	78	10	46	18
18	15	77	13	30	16
19	14	68	8	46	16
20	15	70	10	46	18
21	16	67	9	35	35
22	150	67	11	24	32
23	100	34	50	21	19
24	23	28	26	28	12
25	26	23	27	27	10
26	40	23	25	24	11
27	29	20	28	26	10
28	30	18	33	26	9
29	19	17	29	18	8
30	26	18	27	14	8
31	27	—	23	12	—
Mean	23	41	20	25	14
Max.	150	78	50	70	35
Min.	1	17	7	5	7
A.F.	1390	2430	1210	1540	860

DISCHARGE IN SECOND-FEET OF WHITE HORSE CREEK
 Sec. 5-13-29 W.--Water Year Ending September 30, 1961

Date	May	June	July	Aug.	Sept.
1	32	28	10	9	6
2	28	28	8	9	6
3	34	26	9	9	6
4	38	26	8	9	6
5	64	22	8	9	8
6	55	21	8	8	7
7	60	21	8	8	7
8	41	21	8	8	6
9	36	20	8	8	7
10	26	20	9	8	7
11	26	18	8	7	5
12	21	17	8	6	8
13	22	15	11	10	10
14	43	42	10	8	10
15	74	37	10	8	8
16	60	43	10	8	8
17	73	36	10	8	8
18	64	34	10	8	9
19	57	21	10	8	10
20	52	19	9	7	14
21	55	16	10	7	12
22	77	16	10	7	11
23	64	13	10	7	16
24	55	13	10	7	19
25	52	13	10	6	16
26	34	12	9	7	14
27	26	12	9	7	13
28	24	11	9	6	11
29	22	10	9	6	11
30	21	10	9	6	11
31	26	—	9	6	—
Mean	44	21	9	8	10
Max.	74	43	11	10	19
Min.	21	10	8	6	5
A.F.	2700	1270	560	470	580

WHITNEY RESERVOIR STORAGE IN ACRES-FEET
 From White River--Sec. 34-33-51 W.
 Water Year Ending September 30, 1961

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	5530	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	4580	---	6930	---	---	9480	---	---	2470
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	2490	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	8550	---	---	4680	---
10	---	---	---	---	---	---	8150	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	4880	---	---	---	---	---	6540	---	---
13	---	---	3700	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	7280	---	---	---	---	4140	2110
16	---	---	---	---	---	---	---	---	---	---	---	---
17	2450	2820	---	---	---	---	8490	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	9030	---	---	---
23	---	---	---	---	---	7560	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	8430	9220	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	1680
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	7860	---	---	8110	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	2770	1660
31	---	---	---	---	---	---	---	---	---	---	---	---

DAILY DIVERSIONS OF CANALS

1961

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DAILY DIVERSIONS OF CANALS--1961

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

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	14	28	17	0	30
2	0	20	26	25	0	31
3	0	14	29	24	0	34
4	0	17	26	19	5	33
5	0	17	23	17	11	33
6	0	16	25	16	15	33
7	0	17	28	15	14	33
8	0	20	32	15	17	30
9	0	27	25	20	17	18
10	0	28	0	17	14	17
11	0	26	0	19	15	25
12	0	22	0	18	12	23
13	0	42	0	21	13	24
14	0	63	19	19	14	28
15	0	41	28	21	14	18
16	0	40	27	22	17	11
17	0	40	28	24	22	10
18	0	38	27	23	23	10
19	0	26	25	24	22	14
20	0	15	25	24	24	17
21	0	43	25	25	28	17
22	0	0	25	28	25	13
23	0	0	23	29	21	0
24	0	0	24	30	20	0
25	0	0	22	29	22	0
26	0	0	16	30	21	0
27	0	0	14	32	22	0
28	0	19	14	35	25	0
29	9	32	17	27	29	0
30	13	32	16	16	28	0
31	--	32	--	19	30	--
Mean	1	23	21	23	17	17
Max.	13	63	32	35	30	34
Min.	0	0	0	15	0	0
A.F.	40	1390	1220	1390	1070	1000
Water diverted	6110 A.F.		Acreage reported			
			D-874,1035 2106			

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	19	0	21	20	18	30	45
2	23	0	20	22	18	17	48
3	22	0	20	17	17	35	49
4	27	0	20	24	18	44	50
5	35	0	16	26	20	41	54
6	29	0	17	38	7	43	53
7	26	0	17	44	0	44	55
8	28	0	20	37	8	48	55
9	30	0	22	13	29	48	54
10	32	0	21	27	33	46	52
11	26	0	21	34	37	49	48
12	27	0	21	34	33	46	44
13	27	0	26	31	37	45	45
14	28	0	0	35	38	44	51
15	18	0	19	37	40	46	51
16	0	0	40	37	41	47	50
17	0	0	43	34	36	47	46
18	0	0	20	32	23	49	48
19	0	0	12	31	26	52	40
20	0	0	38	31	34	46	38
21	0	0	11	33	39	50	44
22	0	0	0	28	40	48	37
23	0	0	0	25	41	48	34
24	0	0	0	22	43	54	23
25	0	0	0	22	43	55	22
26	0	0	0	22	44	42	23
27	0	0	0	21	39	44	32
28	0	10	0	19	24	45	15
29	0	22	5	19	34	49	16
30	0	19	15	19	25	47	9
31	0	--	17	--	0	44	--
Mean	13	2	16	28	29	45	41
Max.	35	22	43	44	44	55	55
Min.	0	0	0	17	0	17	9
A.F.	790	100	960	1650	1760	2760	2440
Water diverted	10460 A.F.		Acreage reported				
			D-874,1035 4022				
			A-1181 80				
			A-1432 80				
			A-1436 18				
			Total 4200				

DAILY DIVERSIONS OF CANALS--1961

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	2	0	0
5	0	0	2	0	0
6	0	0	2	0	0
7	0	0	3	0	0
8	0	0	3	0	0
9	0	0	2	0	0
10	0	0	3	0	0
11	0	0	2	0	0
12	0	0	3	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	4	0
22	0	0	0	4	0
23	0	0	0	5	0
24	0	0	0	4	0
25	0	0	0	4	0
26	0	0	0	4	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	1	0
Max.	0	0	3	5	0
Min.	0	0	0	0	0
A.F.	0	0	40	50	0
Water diverted	90 A.F.		Acreage reported		
			D-342 55		
			D-344 30		
			A-897R 8		
			Total 93		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	18	102	58
2	0	0	0	18	104	61
3	0	0	0	19	105	61
4	0	0	0	20	102	63
5	15	0	0	23	100	62
6	14	0	0	28	100	56
7	8	0	0	41	99	51
8	5	0	0	51	98	45
9	4	0	0	53	95	44
10	7	0	0	65	93	44
11	11	0	0	78	90	36
12	11	0	0	86	87	27
13	11	0	0	96	86	21
14	10	0	0	106	82	16
15	7	0	0	110	72	6
16	0	14	0	108	66	0
17	0	30	0	113	63	0
18	0	30	0	115	41	0
19	0	20	0	118	26	0
20	0	15	0	118	24	0
21	0	6	0	117	19	0
22	0	0	22	108	18	0
23	0	10	35	105	18	0
24	0	22	25	91	17	0
25	0	15	20	83	20	0
26	0	15	18	82	21	0
27	0	15	16	84	21	0
28	0	15	16	88	22	0
29	0	15	16	88	28	0
30	0	15	18	86	38	0
31	0	8	--	94	50	--
Mean	3	.8	6	78	62	22
Max.	15	30	35	118	105	63
Min.	0	0	0	18	17	0
A.F.	200	490	370	4780	3780	1290
Water diverted	10910 A.F.		Acreage reported			
			A-3869dR 6271			
			A-6217 249			
			Total 6520			

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	0	0	0
2	11	0	0	0	0	0
3	8	0	0	0	0	0
4	8	0	0	0	0	0
5	6	0	0	0	0	1
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	1	0	0
9	0	0	0	2	0	0
10	0	0	0	3	1	0
11	0	0	1	4	1	0
12	0	0	3	4	0	0
13	0	0	7	1	1	0
14	0	0	6	0	6	5
15	0	0	6	0	9	13
16	0	0	6	0	10	13
17	0	0	6	0	9	13
18	0	0	6	0	10	12
19	0	0	6	0	11	12
20	0	0	5	0	11	13
21	0	0	4	0	11	13
22	0	0	2	0	10	14
23	0	0	0	0	9	11
24	0	0	0	0	8	7
25	0	0	0	0	8	7
26	0	0	0	1	9	7
27	0	0	0	7	7	7
28	0	0	0	9	0	7
29	0	0	0	10	0	7
30	0	0	0	8	0	4
31	0	0	-	0	0	-
Mean	1	0	2	2	4	6
Max.	12	0	7	10	11	14
Min.	0	0	0	0	0	0
A.F.	90	0	110	100	260	330
Water diverted	890 A.F.					
Pathfinder storage included	D-827 2080					

DAILY DIVERSIONS OF CANALS--1961

BELMONT-EMPIRE CANAL from North Platte River
Measured through rating flume--Sec. 19-20-51 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	42	84	46	81	134
2	0	43	71	52	84	138
3	0	44	75	56	75	144
4	0	52	77	49	92	143
5	0	54	81	47	101	149
6	0	32	85	40	143	143
7	0	28	84	48	162	138
8	0	37	90	119	144	136
9	0	44	118	134	144	140
10	0	56	115	156	137	143
11	0	59	115	162	136	140
12	0	75	104	158	134	137
13	0	86	107	167	146	136
14	0	77	124	158	144	136
15	0	68	128	172	134	130
16	0	67	128	173	126	120
17	0	53	131	144	118	125
18	0	44	136	120	128	124
19	0	37	137	95	126	125
20	0	34	125	86	119	119
21	0	35	119	95	128	115
22	0	29	113	97	126	102
23	0	34	106	113	122	92
24	36	149	97	107	122	93
25	46	172	85	102	120	86
26	46	164	76	104	130	76
27	42	156	71	97	132	75
28	46	144	67	101	131	67
29	43	128	60	102	128	76
30	41	110	49	104	128	68
31	--	88	--	84	131	--
Mean	10	72	99	106	125	118
Max.	46	172	137	173	162	149
Min.	0	28	49	40	75	67
A.F.	600	4440	5870	6540	7680	7050
Water diverted	32180 A.F.					

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	5	8	8	4
2	0	5	9	8	4
3	0	6	9	8	7
4	0	6	8	8	7
5	0	6	8	8	6
6	0	7	8	8	10
7	0	7	8	8	8
8	0	7	8	8	8
9	0	8	8	8	9
10	0	7	8	8	9
11	0	8	7	9	8
12	0	8	7	9	6
13	0	7	7	9	5
14	0	5	6	9	5
15	0	0	6	9	5
16	0	0	6	9	5
17	0	0	6	9	5
18	12	0	6	9	5
19	11	0	6	9	5
20	10	0	6	9	6
21	9	0	5	9	6
22	8	3	6	9	7
23	7	8	6	9	8
24	7	8	7	9	7
25	7	9	7	9	7
26	6	9	8	9	7
27	6	9	9	9	7
28	6	8	9	9	7
29	6	8	9	8	7
30	6	9	8	9	4
31	6	-	8	6	-
Mean	3	5	7	9	6
Max.	12	9	9	9	10
Min.	0	0	5	6	4
A.F.	210	320	450	530	380
Water diverted	1900 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	16	29	1	0	0
2	0	19	25	1	0	0
3	0	20	21	1	0	0
4	0	25	22	0	0	0
5	0	24	18	0	0	0
6	0	4	15	0	2	0
7	0	0	8	0	11	0
8	0	0	8	0	7	7
9	0	7	14	0	2	12
10	0	13	23	0	1	12
11	0	18	23	0	1	12
12	0	20	20	0	1	12
13	0	28	15	0	1	12
14	0	28	18	0	1	12
15	0	17	40	0	0	12
16	0	16	28	0	0	12
17	0	16	13	0	0	11
18	0	13	18	0	0	12
19	0	13	18	0	0	11
20	0	7	16	0	0	9
21	0	7	10	0	0	9
22	0	5	6	0	0	7
23	0	4	6	0	0	8
24	0	12	5	0	0	8
25	8	49	4	0	0	8
26	20	51	4	0	0	7
27	25	52	4	0	0	6
28	25	49	3	0	0	4
29	21	46	2	0	0	6
30	17	37	2	0	0	10
31	--	33	--	0	0	--
Mean	4	21	15	0	1	7
Max.	25	52	40	1	11	12
Min.	0	0	2	0	0	0
A.F.	230	1290	870	10	50	430
Water returned	2880 A.F.					

DAILY DIVERSIONS OF CANALS--1961

BELMONT-EMPIRE CANAL
Summary in Acre-feet--1961

	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	600	4440	5870	6540	7690	7050	32180
Cedar Creek for Belmont.....	0	210	320	450	530	390	1900
Total Diversion.....	600	4650	6190	6990	8210	7440	34080
 Water diverted 34080 A.F.							
						Acreage reported	
						D-828	14351
						D-858	1816
						A-866	75
						Total	16242

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	3	3	0
2	0	0	3	3	0
3	0	0	3	3	3
4	0	3	3	5	3
5	0	2	3	4	1
6	4	3	3	4	1
7	4	2	3	4	1
8	3	0	3	3	2
9	4	0	3	3	3
10	4	0	3	2	2
11	2	0	2	6	2
12	3	0	3	5	2
13	4	0	3	6	2
14	4	0	0	5	2
15	4	0	2	5	2
16	3	0	2	5	2
17	4	0	2	6	2
18	4	0	2	6	2
19	4	0	0	6	2
20	4	0	0	6	2
21	5	0	0	5	2
22	4	0	0	5	0
23	5	0	0	5	0
24	4	0	3	5	0
25	4	3	5	5	0
26	4	3	5	5	0
27	4	3	5	5	0
28	4	3	4	5	0
29	4	3	3	5	0
30	4	3	2	5	0
31	0	-	3	5	-
Mean	3	1	2	5	1
Max.	5	3	5	6	3
Min.	0	0	0	3	0
A.F.	190	50	150	290	80
Water diverted	760 A.F.				
				Acreage reported	
				A- 691	86
				A-1975 Storage #18	418
				Total	504

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	2	2	0	0
2	0	1	2	0	0
3	0	1	2	0	0
4	0	1	2	0	0
5	0	2	2	0	0
6	0	2	2	0	0
7	0	2	2	0	0
8	0	2	2	0	0
9	0	2	2	0	0
10	0	2	2	0	0
11	0	2	2	0	0
12	0	2	1	0	0
13	0	2	0	0	0
14	0	2	0	0	0
15	0	2	0	0	0
16	0	2	0	0	0
17	0	2	0	0	0
18	0	2	0	0	0
19	0	2	0	0	0
20	0	2	0	0	0
21	0	2	0	0	0
22	0	2	0	0	0
23	0	2	0	0	0
24	0	2	0	0	0
25	0	2	0	0	0
26	1	2	0	0	0
27	1	2	0	0	0
28	1	2	0	0	0
29	1	2	0	0	0
30	1	2	0	0	0
31	2	-	0	0	-
Mean	0	2	1	0	0
Max.	2	2	2	0	0
Min.	0	1	0	0	0
A.F.	10	110	50	0	0
Water diverted	170 A.F.				
				Acreage reported	
				A-1249	241
				A-2250	0
				Total	241

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	1	2	0	1
2	0	1	1	0	1
3	0	1	0	0	1
4	0	1	0	0	1
5	0	1	0	0	2
6	0	1	0	2	2
7	0	0	2	1	2
8	0	0	1	1	1
9	0	0	0	2	1
10	0	0	0	2	1
11	0	0	0	1	1
12	0	0	0	2	1
13	0	0	1	2	2
14	0	0	0	2	1
15	0	0	0	2	3
16	0	0	0	2	4
17	0	0	0	2	5
18	0	0	0	2	4
19	5	0	2	2	4
20	4	0	2	5	2
21	4	0	0	3	4
22	4	1	2	3	4
23	0	4	3	2	4
24	0	4	2	2	5
25	0	3	3	2	5
26	0	2	0	2	5
27	0	2	0	2	5
28	0	3	0	2	5
29	0	1	0	2	2
30	0	2	3	2	2
31	1	-	0	1	-
Mean	1	1	1	2	3
Max.	5	4	3	5	5
Min.	0	0	0	0	1
A.F.	40	60	40	110	160
Water diverted	410 A.F.		Acreage reported		
			D-347		22
			A-719		61
			Total		83

DAILY DIVERSIONS OF CANALS--1961

BIGELOW-SEYMOUR CANAL from Hiobrara 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	1
8	0	0	0	0	1
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	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	1	0	0	0
28	0	1	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	0	1
Min.	0	0	0	0	0
A.F.	0	0	0	0	10
Water diverted	10 A.F.		Acreage reported		
			D-510		30

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	20	5	0	0	47	38	32
2	21	5	0	0	49	38	32
3	22	5	0	0	48	38	32
4	23	5	0	0	47	38	34
5	24	5	0	0	49	36	35
6	23	5	0	0	51	36	34
7	24	5	0	0	45	37	33
8	25	6	0	11	26	37	32
9	25	5	0	16	4	39	32
10	27	3	0	16	30	33	33
11	28	8	0	17	43	20	34
12	30	11	0	18	44	24	26
13	29	11	0	23	47	27	20
14	28	12	0	29	46	27	18
15	28	14	0	14	46	26	18
16	29	14	0	16	46	26	17
17	30	14	0	14	44	30	17
18	12	15	0	20	41	32	17
19	0	16	0	26	43	32	21
20	0	16	0	27	46	31	31
21	0	16	0	28	46	32	24
22	4	16	0	28	45	32	19
23	8	16	0	28	43	32	19
24	9	16	0	28	43	32	19
25	7	12	0	30	42	31	17
26	6	9	0	30	42	32	16
27	6	9	0	34	43	32	15
28	6	9	0	37	43	32	14
29	7	22	0	45	43	35	15
30	7	0	0	48	43	32	15
31	6	-	0	-	41	32	-
Mean	17	10	0	19	42	32	24
Max.	30	22	0	48	51	39	35
Min.	0	0	0	0	4	20	14
A.F.	1020	600	0	1160	2610	1920	1430
Water diverted	8800 A.F.		Acreage reported				
				D-646			5287

DAILY DIVERSIONS OF CANALS--1961

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	37	0	0	39	31	40
2	37	0	5	39	24	40
3	39	0	3	16	33	41
4	39	0	5	15	35	42
5	41	0	6	5	36	43
6	41	0	6	5	43	36
7	36	0	5	5	42	31
8	30	0	2	7	36	30
9	26	0	3	30	39	31
10	24	0	5	39	37	32
11	30	0	6	51	39	29
12	33	0	12	45	39	34
13	29	0	12	42	41	30
14	27	0	11	39	36	25
15	27	0	10	35	33	25
16	18	0	12	36	35	25
17	9	0	12	36	33	24
18	4	0	17	39	32	25
19	4	0	21	39	33	37
20	4	0	22	41	34	35
21	4	0	22	38	33	32
22	4	0	22	35	32	32
23	4	0	23	34	34	35
24	1	0	24	33	40	33
25	0	0	29	35	39	30
26	0	0	30	37	37	28
27	0	0	29	37	39	25
28	0	0	42	44	38	25
29	0	0	42	41	37	25
30	0	0	39	36	38	28
31	0	0	-	30	38	-
Mean	18	0	16	32	36	32
Max.	41	0	42	51	43	43
Min.	0	0	0	5	24	24
A.F.	1090	0	950	1990	2210	1880
Water diverted	8120 A.F.		Acreage reported			
				D-785		2549
				D-795		339
				A-1154		30
				Total		2918
				Crescent Lake Storage included		

DAILY DIVERSIONS OF CANALS—1961

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	571	574	0	399	281	272	578	611	306	519	498	357
2	560	574	0	396	289	562	576	611	584	552	526	209
3	553	578	0	414	145	574	578	608	592	562	498	341
4	553	310	0	414	10	562	572	344	591	523	251	326
5	560	578	0	407	0	334	569	602	318	498	475	445
6	560	582	0	396	0	159	576	599	591	498	410	438
7	260	581	0	400	0	78	340	585	591	490	350	464
8	574	572	0	397	0	186	576	390	589	483	357	492
9	556	168	119	393	0	360	576	601	584	475	177	251
10?	560	234	282	386	0	554	393	598	573	464	256	491
11	556	562	17	379	0	554	572	604	562	240	258	460
12	553	581	0	396	0	558	573	594	566	265	76	535
13	560	564	0	388	0	374	569	594	548	440	160	598
14	291	564	210	385	0	544	318	599	191	180	341	591
15	567	572	40	385	0	385	572	326	346	318	403	587
16	563	317	0	179	0	574	564	594	575	243	380	584
17	578	578	0	86	0	571	564	582	568	154	376	552
18	574	362	30	0	0	574	572	582	561	0	434	559
19	574	572	125	0	0	581	564	309	548	0	475	346
20	574	485	0	0	0	578	320	595	555	0	344	592
21	254	286	0	0	0	571	604	498	293	21	523	591
22	578	585	0	0	0	289	592	189	562	195	505	585
23	564	581	0	119	0	571	598	598	548	544	501	589
24	569	469	120	12	122	574	612	578	544	440	494	601
25	569	343	336	0	228	574	608	355	552	362	490	391
26	588	581	403	0	397	582	338	604	544	456	467	592
27	572	581	406	0	373	572	615	591	530	433	433	591
28	243	141	416	0	455	572	604	591	523	296	288	578
29	582	0	402	0	---	346	601	584	510	559	453	332
30	576	0	418	0	---	572	594	584	230	534	398	578
31	578	-	414	108	---	578	---	151	---	541	357	---
Mean	528	439	121	208	82	475	543	524	506	364	386	488
Max.	588	585	418	414	455	582	615	611	592	562	526	601
Min.	243	0	0	0	0	78	318	151	191	0	76	209
A.F.	32470	26130	7410	12770	4560	29230	32310	32230	30100	22380	23710	29050
Total acre-feet 282400 A.F.												

DAILY DIVERSIONS OF CANALS—1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	51	0	52	55	13	49
2	43	0	47	60	13	43
3	39	0	51	56	3	38
4	39	0	52	54	8	38
5	38	0	48	55	28	34
6	37	0	43	54	31	28
7	22	0	46	42	46	28
8	32	0	46	47	62	34
9	14	0	49	70	76	37
10	0	0	38	79	79	37
11	0	0	40	79	81	38
12	0	0	34	80	81	34
13	0	0	33	80	66	38
14	0	0	25	74	73	43
15	0	0	18	64	67	43
16	0	0	16	58	70	43
17	0	0	17	66	71	36
18	0	0	31	66	67	43
19	0	0	24	58	64	52
20	0	0	24	58	67	52
21	0	0	34	61	65	49
22	0	0	38	63	62	46
23	0	0	40	57	63	38
24	0	0	56	52	67	35
25	0	0	55	63	68	37
26	0	0	61	41	62	35
27	0	33	39	35	56	32
28	0	40	57	47	62	37
29	0	46	60	48	51	33
30	0	47	57	38	48	30
31	0	42	---	4	52	---
Mean	10	7	42	57	56	39
Max.	51	47	61	80	81	52
Min.	0	0	16	4	3	28
A.F.	620	410	2480	3500	3420	2300
Water diverted 12730 A.F. Pathfinder Storage included						
Acreage reported D-857,1033 6058						

DAILY DIVERSIONS OF CANALS—1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	15	0	57	61	283	102
2	15	0	40	60	283	94
3	15	0	20	67	271	94
4	15	0	25	69	248	85
5	15	0	15	70	245	73
6	14	0	0	84	247	68
7	14	0	0	104	250	67
8	14	0	0	108	247	71
9	14	0	0	113	241	72
10	14	0	0	142	230	72
11	13	0	0	169	197	72
12	11	0	0	230	175	65
13	12	0	0	254	122	58
14	4	0	0	262	129	48
15	0	23	0	268	132	12
16	0	39	0	266	123	0
17	0	54	0	277	120	0
18	0	54	0	299	98	0
19	0	46	0	305	52	0
20	0	32	0	318	42	0
21	0	25	0	298	43	0
22	0	22	29	289	40	0
23	0	37	47	274	55	0
24	0	46	48	257	54	0
25	0	44	57	245	71	0
26	0	48	63	233	89	0
27	0	48	59	229	86	0
28	0	48	57	241	96	0
29	0	48	59	247	106	0
30	0	48	60	247	111	0
31	0	63	---	262	114	---
Mean	6	23	21	204	148	35
Max.	15	63	63	318	283	102
Min.	0	0	0	60	40	0
A.F.	370	1440	1260	12590	9120	2090
Water diverted 26870 A.F. Supplemental storage included						
Acreage reported A-3869e 14963 A-6218 397 A-9479 220 A-9763 131 Total 15711						

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	53	0	40	31	51	76
2	51	0	40	43	50	76
3	50	0	39	56	50	75
4	49	0	38	69	53	74
5	49	0	43	81	66	73
6	48	0	50	59	72	73
7	47	0	53	51	89	71
8	47	0	52	50	90	65
9	46	0	45	49	83	57
10	42	0	46	51	82	52
11	30	0	28	76	82	59
12	30	18	44	83	82	58
13	30	34	45	84	81	53
14	30	33	47	84	82	57
15	28	21	42	84	82	54
16	27	29	49	84	82	51
17	27	44	57	84	82	50
18	26	43	54	84	81	50
19	26	35	53	84	80	50
20	25	45	50	86	80	45
21	24	42	45	86	78	54
22	24	42	29	86	77	65
23	24	41	27	85	77	61
24	24	40	55	86	77	56
25	24	39	53	86	76	55
26	24	37	64	85	76	53
27	24	37	79	85	77	50
28	23	37	53	81	76	48
29	13	37	39	35	76	50
30	0	35	34	67	75	52
31	0	43	--	25	75	--
Mean	31	24	46	70	75	59
Max.	53	45	79	86	90	76
Min.	0	0	27	25	50	45
A.F.	1920	1450	2760	4320	4640	3500
Water diverted				Acreage reported		
	18590 A.F.			D-921 6017		
				A-186R 471		
				A-350R 50		
				Total 6538		

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.	
1	0	0	28	0	27	
2	0	0	28	0	33	
3	0	0	29	13	34	
4	0	0	6	20	35	
5	0	0	0	17	30	
6	0	0	21	18	21	
7	0	0	28	29	30	
8	0	0	16	26	33	
9	0	0	17	29	25	
10	0	0	18	29	23	
11	0	0	14	22	22	
12	0	0	29	26	22	
13	0	0	22	30	19	
14	0	11	26	30	18	
15	0	11	28	31	18	
16	0	10	24	32	18	
17	0	12	24	32	18	
18	0	14	30	32	17	
19	0	13	30	30	17	
20	0	12	30	32	13	
21	0	7	31	32	13	
22	0	8	31	32	19	
23	0	10	28	34	17	
24	0	10	30	29	14	
25	0	18	31	29	0	
26	0	13	30	29	0	
27	0	22	30	27	0	
28	0	22	29	24	0	
29	0	31	24	24	0	
30	0	28	22	25	0	
31	0	--	0	25	--	
Mean	0	8	24	25	18	
Max.	0	31	31	34	35	
Min.	0	0	0	0	0	
A.F.	0	500	1460	1560	1060	
Water diverted				Acreage reported		
	4580 A.F.			D-926 2077		
	Pathfinder storage included					

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	23	0	31	35	24	57
2	22	0	36	33	24	58
3	22	0	53	32	38	53
4	21	0	53	33	39	49
5	19	0	53	52	34	42
6	20	0	53	66	40	41
7	18	0	52	83	58	48
8	20	0	52	75	50	53
9	20	31	32	64	50	50
10	17	30	32	68	64	39
11	16	28	32	65	66	31
12	15	41	38	64	68	28
13	14	45	40	68	67	40
14	14	44	49	68	66	45
15	5	34	46	64	59	45
16	0	36	42	57	59	50
17	0	39	42	56	61	31
18	0	43	43	53	57	35
19	0	33	42	55	58	35
20	0	28	42	57	59	37
21	0	31	34	56	60	37
22	0	31	35	56	56	40
23	0	37	45	56	60	26
24	0	37	52	55	63	36
25	0	38	54	52	61	34
26	0	36	58	50	58	21
27	0	36	60	51	55	11
28	0	36	66	52	57	12
29	0	36	60	38	56	12
30	0	34	59	29	57	12
31	0	33	--	34	59	--
Mean	9	26	46	54	54	37
Max.	23	45	66	83	68	58
Min.	0	0	31	29	24	11
A.F.	530	1620	2750	3320	3340	2200
Water diverted				Acreage reported		
	13760 A.F.			D-844, 1031 5141		
	Pathfinder Storage included			A-2190 47		
				Total 5188		

DAILY DIVERSIONS OF CANALS--1961

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	3	3	
2	0	0	1	3	3	
3	0	0	1	3	3	
4	0	0	1	4	3	
5	0	0	1	3	3	
6	0	0	1	3	3	
7	0	0	2	3	3	
8	0	0	2	2	3	
9	0	0	2	3	3	
10	0	0	2	1	3	
11	0	0	2	3	3	
12	0	0	2	3	3	
13	0	0	2	3	3	
14	0	0	3	3	3	
15	0	0	3	3	3	
16	0	0	3	3	3	
17	0	0	2	2	3	
18	0	0	2	3	3	
19	0	0	3	3	3	
20	0	0	3	3	3	
21	0	1	3	3	3	
22	0	1	2	3	3	
23	0	1	2	3	3	
24	0	1	2	3	3	
25	0	1	2	3	3	
26	0	1	3	3	3	
27	0	1	2	3	3	
28	0	1	2	3	3	
29	0	1	2	3	3	
30	0	0	3	3	3	
31	0	--	3	3	--	
Mean	0	0	2	3	3	
Max.	0	1	3	4	3	
Min.	0	0	1	1	3	
A.F.	0	20	130	180	180	
Water diverted				Acreage reported		
	510 A.F.			D-346 220		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	24	4	0	0	17	24	20
2	23	4	0	0	18	24	20
3	24	3	0	0	25	25	20
4	25	0	0	0	26	33	21
5	23	0	0	0	25	37	23
6	28	0	0	0	39	26	25
7	44	0	0	0	40	26	22
8	32	0	0	0	35	32	26
9	19	0	0	0	24	38	29
10	17	0	0	0	23	38	29
11	16	0	0	0	28	39	26
12	16	0	0	0	38	38	20
13	20	0	0	0	46	27	25
14	21	0	0	0	47	25	26
15	22	0	0	0	47	21	26
16	19	0	0	0	44	13	27
17	18	0	0	0	43	11	19
18	18	0	0	0	41	4	17
19	18	0	0	1	40	2	17
20	18	0	0	2	41	8	20
21	16	0	0	1	41	8	20
22	8	0	0	0	40	7	16
23	7	0	0	10	37	5	12
24	4	0	0	21	48	0	4
25	4	0	0	27	50	0	6
26	4	0	0	26	49	0	10
27	5	0	0	24	44	0	6
28	5	0	0	20	34	3	8
29	4	0	0	18	29	17	12
30	4	0	0	20	27	21	12
31	4	-	0	--	25	20	--
Mean	16	0	0	6	36	18	19
Max.	44	4	0	27	50	39	29
Min.	4	0	0	0	17	0	4
A.F.	1010	20	0	340	2200	1140	1120
Water diverted	5230 A.F.			Acreage reported			
				D-649 4660			

DAILY DIVERSIONS OF CANALS--1961
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	1760	2180	16	847	1480	1180	2090	1900	3010	1530	1670	1140
2	1720	2030	308	704	1600	1520	2050	1980	3250	1560	1570	1060
3	1750	1980	766	776	1710	2000	2060	2120	2950	1540	1350	1030
4	1740	1930	1630	1220	1910	2180	1940	2340	2370	1570	1210	1040
5	1710	2060	2760	1600	2040	2290	2040	2700	2740	1620	1160	1120
6	1700	1950	596	1610	1970	2060	2020	2900	2650	1590	1070	1160
7	1740	2050	48	1660	2000	2160	2060	2790	2800	1450	1000	1240
8	1780	2000	80	1600	2080	1140	2060	2890	2940	1370	882	1310
9	1720	2100	120	1740	2080	1410	2390	2950	2610	1300	838	1310
10	1720	2150	1180	1770	2140	2210	2490	2670	2300	1260	822	1380
11	1700	2070	308	1860	2250	2140	2660	2140	2000	1230	759	1260
12	1720	2000	54	1940	2200	2220	2890	2070	1930	1230	717	1380
13	1780	1910	721	1960	2120	2690	2780	1980	1870	1160	731	1560
14	1810	1830	1010	1790	2130	2510	2770	2720	2210	1110	759	1970
15	1910	1810	1460	1150	2080	2390	2850	2660	2880	1050	1110	1970
16	1990	2020	72	1330	2140	2440	2760	2700	3160	914	1030	1770
17	1870	2060	69	1800	718	2400	2600	2780	3040	830	1100	1640
18	1850	2080	63	2080	701	2700	2200	2570	2780	738	1210	1640
19	1820	2040	48	2170	1170	2690	1920	2720	2400	724	1250	1530
20	2000	1950	54	2050	1100	2690	1890	2480	2240	717	1540	1580
21	2000	1920	36	1180	1370	2750	1980	2540	2070	668	2040	1750
22	1940	1910	19	583	1700	2690	2070	2800	2020	668	1850	2480
23	1810	2020	134	651	1700	2640	2020	2970	1890	710	1600	2580
24	1820	2050	356	822	2150	2610	2010	2970	1830	845	1580	2240
25	1840	2100	591	689	2060	2410	2090	2910	1780	1130	1480	2140
26	1850	1950	547	577	1820	2110	2160	2480	1730	978	1410	2220
27	1960	2000	382	759	1320	2420	2040	2340	1740	1040	1360	2090
28	1900	1060	623	830	1220	2670	2050	2200	1690	1350	1310	1990
29	2020	39	1010	1010	----	2580	2080	2000	1680	1410	1310	1920
30	2160	10	1290	1200	----	2240	1980	2010	1580	1390	1220	1830
31	2320	--	1600	1370	----	2120	----	2620	----	1490	1180	----
Mean	1852	1842	579	1333	1288	2266	2233	2513	2338	1167	1230	1644
Max.	2320	2180	2760	2170	2250	2750	2890	2970	3250	1620	2040	2580
Min.	1700	10	16	577	701	1140	1890	1900	1580	668	717	1030
A.F.	113900	109600	35610	81970	97110	139400	132900	154500	139100	71750	75610	97710
Water diverted	1249000 A.F.											

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	2	0	2	2
2	2	1	2	2	2	2
3	2	2	2	0	2	2
4	2	2	2	2	2	2
5	2	2	2	5	2	2
6	2	2	2	4	2	2
7	2	2	2	4	2	2
8	2	1	2	4	2	2
9	2	1	2	4	2	2
10	2	1	2	3	2	2
11	2	1	2	3	2	2
12	2	1	2	3	2	2
13	1	1	2	3	2	2
14	0	2	2	3	2	2
15	0	2	2	3	2	2
16	0	1	2	3	2	2
17	0	1	2	2	2	2
18	0	1	2	2	2	2
19	0	1	2	2	2	2
20	0	1	2	2	2	2
21	0	1	1	2	2	2
22	0	1	1	2	2	2
23	0	1	1	1	2	2
24	0	1	1	1	2	2
25	0	1	1	1	2	2
26	0	1	1	2	2	2
27	0	1	1	2	1	2
28	0	1	1	2	1	2
29	0	2	0	2	2	2
30	0	2	0	2	2	2
31	0	2	-	2	2	-
Mean	1	1	2	2	2	2
Max.	2	2	2	5	2	2
Min.	0	0	0	0	1	2
A.F.	50	80	100	140	120	120
Water diverted	610 A.F.			Acreage reported D-980 162		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	9	7	0	0	17	19	9
2	8	9	0	0	17	17	9
3	9	6	0	0	17	16	9
4	9	3	0	0	13	16	9
5	8	3	0	11	13	17	9
6	8	3	0	22	13	17	10
7	8	2	0	21	13	17	12
8	8	2	0	20	15	16	12
9	8	2	0	19	14	16	12
10	8	2	0	20	10	14	12
11	8	1	0	20	13	12	12
12	5	0	0	20	13	11	9
13	7	0	0	21	13	11	7
14	8	0	0	20	13	10	11
15	6	0	0	20	13	10	11
16	6	0	0	19	13	11	8
17	4	0	0	19	13	11	10
18	1	0	0	19	14	11	10
19	0	0	0	18	14	10	10
20	4	0	0	18	14	10	10
21	3	0	0	18	14	10	8
22	5	0	0	17	15	10	9
23	7	0	0	17	14	9	15
24	7	0	0	14	14	9	12
25	10	0	0	13	14	9	8
26	6	0	0	13	12	9	9
27	9	0	0	12	11	9	8
28	10	0	0	11	11	9	11
29	10	0	0	11	15	9	14
30	10	0	0	13	21	9	15
31	7	-	0	-	19	9	-
Mean	7	1	0	15	14	12	10
Max.	10	9	0	22	21	19	15
Min.	0	0	0	0	10	9	7
A.F.	430	80	0	890	860	740	610
Water diverted	3610 A.F.			Acreage reported D-840,1028 1462 A-851 24 Total 1486			

DAILY DIVERSIONS OF CANALS--1961

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	61	34	95	338	150
2	0	61	36	114	388	196
3	0	57	35	114	410	212
4	0	61	33	149	410	186
5	0	67	26	204	410	148
6	0	69	22	218	410	138
7	0	68	20	308	456	140
8	0	91	20	364	541	138
9	0	96	21	364	555	117
10	0	94	22	450	541	99
11	0	94	22	485	541	66
12	0	86	22	498	541	30
13	0	84	22	511	548	26
14	0	84	22	511	439	25
15	0	144	20	492	275	22
16	0	267	21	478	218	21
17	0	316	22	485	218	21
18	0	332	21	478	218	20
19	0	417	22	492	218	21
20	0	465	22	492	218	18
21	0	450	22	498	120	12
22	0	341	22	498	71	10
23	0	107	34	471	71	9
24	0	48	40	471	71	9
25	32	38	42	401	71	4
26	61	32	46	362	76	0
27	61	31	46	350	90	0
28	61	32	46	338	98	0
29	61	36	46	345	102	0
30	61	34	46	338	147	0
31	-	31	-	345	138	-
Mean	11	135	29	378	289	61
Max.	61	465	46	511	555	212
Min.	0	31	20	95	71	0
A.F.	670	8320	1730	23240	17750	3650
Water diverted	55360 A.F.			Acreage reported A-4222 1717 A-6224 113 Total 1830		
Supplemental storage included						

DAILY DIVERSIONS OF CANALS--1961

COURTLAND CANAL from Republican River--Measured at
Nebraska-Kansas State Line--Sec. 32-1-7 W.

Date	May	June	July	Aug.	Sept.
1	57	24	72	293	129
2	56	28	90	326	156
3	58	26	92	356	163
4	63	26	124	350	163
5	62	22	172	352	117
6	62	15	188	352	110
7	62	16	247	400	110
8	62	14	302	508	110
9	72	14	292	530	93
10	89	14	369	502	77
11	88	14	430	517	56
12	67	14	452	527	38
13	56	14	452	522	22
14	52	14	457	437	17
15	85	14	436	270	18
16	255	14	414	191	17
17	331	15	422	191	16
18	346	15	422	191	14
19	407	16	422	194	13
20	452	16	414	194	16
21	436	16	418	118	14
22	355	16	422	56	12
23	109	25	404	56	21
24	42	31	400	56	21
25	30	30	344	57	27
26	22	36	304	57	37
27	21	37	304	68	42
28	22	37	304	92	21
29	25	38	302	90	0.3
30	27	35	299	104	1.1
31	26	-	308	116	-
Mean	126	22	325	260	55
Max.	452	38	457	530	163
Min.	21	14	72	56	0.3
A.F.	7730	1280	20000	16010	3280
Water diverted	48860 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	44	36	173	54
2	0	43	59	170	57
3	0	43	56	172	57
4	0	43	67	199	58
5	0	40	69	204	58
6	0	43	87	217	58
7	0	37	102	209	59
8	0	45	119	202	59
9	0	37	143	201	60
10	0	28	147	199	50
11	0	27	98	195	44
12	0	35	227	175	44
13	0	49	235	98	45
14	0	49	256	82	43
15	0	39	254	72	15
16	0	32	256	94	0
17	44	28	256	116	0
18	68	25	254	115	0
19	53	28	244	95	0
20	49	44	233	76	0
21	47	38	208	64	0
22	34	42	187	56	0
23	36	43	183	54	0
24	37	41	182	49	0
25	39	28	182	37	0
26	43	15	128	36	0
27	44	0	149	56	0
28	43	6	149	56	0
29	41	28	151	52	0
30	44	24	167	42	0
31	44	—	168	52	—
Mean	21	34	163	117	25
Max.	68	49	256	217	60
Min.	0	0	36	36	0
A.F.	1320	2030	10020	7180	1510
Water diverted	22060 A.F.		Acreage reported D-626 25510		

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	13	0	0
2	0	0	11	0	0
3	0	0	10	0	0
4	0	0	10	0	0
5	0	0	9	0	0
6	0	0	9	0	0
7	0	0	8	0	0
8	0	0	8	0	0
9	0	0	8	0	0
10	0	0	8	0	0
11	0	0	7	0	0
12	0	0	7	0	0
13	0	0	7	0	0
14	0	0	6	0	0
15	0	0	6	0	0
16	0	0	5	0	0
17	0	0	5	0	0
18	0	0	4	0	0
19	0	0	4	0	0
20	0	0	4	0	0
21	0	0	3	0	0
22	0	0	3	0	0
23	0	0	3	0	0
24	0	0	3	0	0
25	0	0	4	0	0
26	0	7	4	0	0
27	0	18	3	0	0
28	0	18	4	0	0
29	0	16	4	0	0
30	0	15	3	0	0
31	0	—	0	0	—
Mean	0	2	6	0	0
Max.	0	18	13	0	0
Min.	0	0	0	0	0
A.F.	0	150	360	0	0
Water withdrawn	510 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	59	0	157	215	207
2	0	56	0	182	215	208
3	60	60	0	187	215	207
4	78	59	0	210	215	207
5	44	59	0	216	212	208
6	69	59	0	230	212	200
7	82	53	0	237	218	198
8	5	44	0	231	222	191
9	0	13	0	220	224	178
10	0	0	0	234	230	173
11	0	0	0	146	225	171
12	0	0	0	183	227	170
13	0	0	0	218	225	170
14	0	0	0	232	224	162
15	0	0	0	232	225	155
16	0	0	0	230	222	149
17	65	0	0	213	218	151
18	102	0	0	215	201	147
19	104	0	0	218	200	144
20	100	0	0	201	203	134
21	104	0	0	205	205	111
22	105	0	0	208	205	109
23	112	0	0	215	205	112
24	113	0	0	215	203	108
25	106	0	0	212	203	56
26	108	0	40	201	205	0
27	131	0	96	207	205	0
28	137	0	105	220	201	0
29	132	0	109	215	205	0
30	115	0	163	213	207	0
31	—	0	—	217	207	—
Mean	62	15	17	210	213	134
Max.	137	60	163	237	230	208
Min.	0	0	0	146	200	0
A.F.	3710	920	1020	12930	13090	7980
Water diverted	39650 A.F.			Acreage reported D-24, 25, 29, 30 9396		
Supplemental storage included				A-3869AR 1491		
				A-6214 9918		
				A-9802 90		
				Total 20895		

DAILY DIVERSIONS OF CANALS--1961

DAWSON COUNTY CANAL from Platte River
Measured through Parshall flume--Sec. 7-10-23 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	
1	57	0	50	33	127	222	144	
2	63	0	62	26	137	232	166	
3	67	0	43	22	199	327	172	
4	67	0	49	21	185	339	173	
5	19	0	45	39	181	364	166	
6	0	0	52	96	222	352	166	
7	0	0	66	101	265	354	166	
8	0	0	49	106	305	364	173	
9	0	0	38	90	344	394	170	
10	0	0	28	80	354	374	155	
11	0	0	32	76	405	376	175	
12	0	0	65	70	418	352	157	
13	0	0	62	144	392	256	142	
14	0	0	73	197	456	157	136	
15	0	0	61	216	421	216	127	
16	0	0	77	212	421	205	124	
17	0	0	69	216	432	209	141	
18	0	0	63	222	432	226	141	
19	0	0	42	218	437	158	124	
20	0	0	36	205	432	122	122	
21	0	0	33	141	437	106	83	
22	0	0	92	74	418	136	22	
23	0	0	19	29	400	139	19	
24	0	0	14	49	392	139	27	
25	0	0	10	58	410	136	18	
26	0	27	5	30	410	124	18	
27	0	45	27	46	389	136	15	
28	0	50	63	113	392	149	17	Acreage reported
29	0	39	48	110	359	132	17	D- 621 520
30	0	38	34	125	339	113	24	D- 622 57148
31	0	--	40	---	267	118	--	D- 624 5640
Mean	9	7	47	106	348	227	110	A-2039 5033
Max.	67	50	77	222	456	394	175	A-2093 213
Min.	0	0	5	21	127	106	15	A-2110 13859
A.F.	540	390	2870	6280	21380	13940	6540	A-2148 985
Water diverted								A-2262 890
51940 A.F.								Total 84288

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.	
1	4	0	0	39	75	0	
2	4	0	0	33	67	0	
3	4	0	0	34	51	0	
4	4	0	0	33	58	0	
5	3	0	0	33	64	0	
6	3	0	0	40	69	0	
7	3	0	0	44	68	0	
8	3	0	0	40	66	0	
9	3	0	0	37	59	0	
10	3	0	0	42	62	0	
11	4	0	0	52	64	0	
12	4	0	0	47	57	0	
13	4	0	0	53	72	4	
14	4	0	0	54	53	13	
15	4	0	0	51	38	25	
16	4	0	0	55	52	18	
17	3	0	0	51	49	12	
18	3	0	0	75	52	15	
19	3	0	0	78	57	12	
20	2	0	5	84	50	13	
21	0	0	20	78	37	16	
22	0	0	22	78	25	16	
23	0	10	24	75	21	13	
24	0	7	13	83	14	10	
25	0	5	3	78	10	9	
26	0	3	0	78	11	9	
27	0	2	0	80	10	8	
28	0	2	0	79	9	4	
29	0	0	4	64	2	0	
30	0	0	29	62	0	0	
31	0	0	--	60	0	--	
Mean	2	1	4	58	43	7	
Max.	4	10	29	84	75	25	
Min.	0	0	0	33	0	0	
A.F.	140	60	240	3550	2620	390	
Water diverted							
7000 A.F.					Acreage reported		
					A-2104	6491	

DAILY DIVERSIONS OF CANALS--1961

EARNEST CANAL (Combined flow-North & South) from
Niobrara River--Measured through rating flume--Sec. 9-29-56 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.	
1	5	0	8	6	3	3	3	
2	5	0	8	6	3	3	3	
3	4	0	8	6	1	4	3	
4	4	0	8	6	1	2	3	
5	4	0	8	6	0	0	3	
6	4	0	8	6	0	5	3	
7	4	0	8	6	2	7	3	
8	4	0	7	6	5	6	5	
9	4	0	8	5	4	6	9	
10	4	0	8	7	4	6	9	
11	4	0	7	6	4	6	8	
12	4	0	7	4	5	5	9	
13	2	0	7	4	5	1	8	
14	0	0	7	4	4	2	6	
15	0	0	7	4	4	4	5	
16	0	0	7	4	4	4	5	
17	0	0	7	3	4	2	4	
18	0	0	7	5	3	1	6	
19	0	0	7	4	4	2	4	
20	0	0	7	3	4	1	5	
21	0	0	6	3	3	1	5	
22	0	0	7	4	4	2	5	
23	0	0	6	3	4	3	5	
24	0	0	6	3	4	2	6	
25	0	0	6	3	4	2	5	
26	0	0	5	4	4	2	5	
27	0	0	6	4	4	2	5	
28	0	4	6	4	4	2	5	
29	0	9	6	3	3	3	4	
30	0	8	6	3	3	4	5	
31	0	8	6	3	3	4	4	
Mean	2	1	7	4	3	3	5	
Max.	5	9	8	7	5	7	9	
Min.	0	0	5	3	0	0	3	
A.F.	100	60	430	270	210	190	300	
Water diverted								
1560 A.F.								
								Acreage reported
								D- 514a 190
								D- 514b 150
								A-1362R 102
								Total 442

DAILY DIVERSIONS OF CANALS--1961

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	11	0	2	0	16	14
2	0	0	2	0	16	15
3	0	0	1	0	20	16
4	0	0	1	0	22	16
5	0	0	2	0	23	16
6	0	0	11	0	26	15
7	0	0	22	0	25	15
8	0	0	24	6	23	14
9	0	0	30	23	24	15
10	0	0	28	24	21	15
11	0	0	28	25	16	15
12	0	8	27	24	16	14
13	0	25	27	22	18	16
14	0	23	28	21	17	26
15	0	22	28	20	15	26
16	0	21	28	20	14	26
17	0	17	27	18	14	26
18	0	16	22	17	14	25
19	0	16	22	20	13	24
20	0	15	24	18	13	24
21	0	14	26	18	14	23
22	0	14	25	21	13	23
23	0	14	26	24	13	22
24	0	21	27	23	13	22
25	0	23	23	22	13	22
26	0	22	22	21	14	20
27	0	20	20	20	14	20
28	0	16	20	20	14	20
29	0	8	18	20	14	19
30	0	3	6	19	14	17
31	0	2	-	13	14	--
Mean	0	10	20	15	17	19
Max.	11	25	30	25	26	26
Min.	0	0	1	0	13	14
A.F.	20	640	1190	950	1020	1150
Water diverted	4970 A.F.				Acres reported	
					D-858	1816
					A-866	75
					Total	1891

DAILY DIVERSIONS OF CANALS--1961

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	16	43	57	61	74
2	0	17	42	83	63	73
3	0	24	39	85	65	67
4	0	26	20	78	67	66
5	0	28	20	79	71	64
6	0	28	20	65	74	66
7	0	28	17	61	78	66
8	0	37	18	63	79	66
9	0	28	0	61	78	65
10	0	30	0	63	76	64
11	0	32	0	64	66	64
12	0	32	14	80	63	64
13	0	30	46	83	61	63
14	0	15	47	69	60	64
15	0	13	49	68	65	65
16	0	20	43	67	66	64
17	0	20	24	65	70	64
18	0	20	28	65	70	65
19	11	27	35	65	71	65
20	34	27	34	66	70	66
21	39	27	32	66	69	66
22	25	30	30	61	68	60
23	7	26	30	60	68	59
24	30	32	30	57	72	59
25	39	36	30	57	73	59
26	24	40	28	58	73	62
27	21	48	29	60	73	49
28	16	46	32	60	73	38
29	16	41	37	62	73	34
30	16	42	45	61	72	10
31	16	44	--	60	73	--
Mean	9	29	29	66	70	60
Max.	39	48	49	85	79	74
Min.	0	13	0	57	60	10
A.F.	580	1810	1710	4060	4290	3590
Water diverted	16040 A.F.					

DAILY DIVERSIONS OF CANALS--1961

ENTERPRISE CANAL from Dry Spotted Tail
Measured in channel of stream--Sec. 21-23-56 W.

Date	May	June	July	Aug.	Sept.
1	0	0	9	9	12
2	0	0	9	9	12
3	0	0	8	9	12
4	0	0	7	9	12
5	0	0	6	9	12
6	0	0	6	9	12
7	0	0	6	9	12
8	0	0	6	9	12
9	0	0	10	10	12
10	0	0	12	11	12
11	0	0	14	11	12
12	0	0	14	11	6
13	0	0	14	11	0
14	0	0	14	11	0
15	0	0	13	11	0
16	0	0	13	12	0
17	0	0	12	12	0
18	0	0	12	13	0
19	0	0	12	13	0
20	0	0	12	13	0
21	0	0	12	13	0
22	0	0	12	13	0
23	0	10	12	13	0
24	0	10	12	12	0
25	0	10	13	12	0
26	0	10	12	12	0
27	0	9	11	12	0
28	0	9	11	12	0
29	0	9	11	12	0
30	0	9	11	12	0
31	0	-	11	12	-
Mean	0	3	11	11	5
Max.	0	10	14	13	12
Min.	0	9	6	9	0
A.F.	0	150	670	690	270
Water diverted	1780 A.F.				

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

Date	May	June	July	Aug.	Sept.
1	0	1	0	4	4
2	0	1	0	4	3
3	0	1	0	4	3
4	0	1	0	4	3
5	0	1	0	4	3
6	0	1	0	4	3
7	0	1	1	4	2
8	0	1	1	5	2
9	0	1	1	5	2
10	0	1	1	5	2
11	0	1	1	5	2
12	2	1	1	5	2
13	3	1	1	5	2
14	4	1	1	5	2
15	4	1	1	5	2
16	4	1	1	5	2
17	4	1	1	5	2
18	4	1	1	5	2
19	4	1	1	5	3
20	4	1	2	5	3
21	3	1	2	5	3
22	3	1	2	4	4
23	3	1	3	4	4
24	3	1	3	4	5
25	3	1	3	4	5
26	2	1	3	4	5
27	2	0	3	4	5
28	2	0	4	4	5
29	2	0	4	4	5
30	2	0	4	4	4
31	1	-	4	4	-
Mean	2	1	2	4	3
Max.	4	1	4	5	5
Min.	0	0	0	4	2
A.F.	120	50	100	270	190
Water diverted	730 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	13	0	16
2	0	0	11	26	10
3	0	0	11	32	3
4	0	0	11	30	9
5	0	0	11	29	16
6	0	0	11	27	16
7	0	0	11	25	10
8	0	0	20	22	7
9	0	0	20	21	4
10	0	4	20	23	0
11	0	12	20	23	0
12	0	18	20	23	14
13	0	12	20	23	16
14	0	13	20	23	13
15	0	16	20	23	10
16	0	21	20	21	7
17	0	23	20	17	9
18	0	24	20	21	10
19	0	24	20	22	0
20	0	26	20	22	4
21	0	26	19	21	0
22	0	27	20	21	0
23	0	27	21	20	0
24	0	27	21	21	0
25	0	17	21	21	0
26	0	15	22	21	0
27	0	15	22	22	0
28	0	12	22	21	0
29	0	13	29	22	0
30	0	13	28	22	0
31	0	—	10	21	—
Mean	0	13	19	22	6
Max.	0	27	29	32	16
Min.	0	0	10	0	0
A.F.	0	760	1140	1360	350
Water diverted					
3610 A.F.					

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	3	1
2	0	0	0	3	1
3	0	0	0	3	1
4	0	0	0	3	1
5	0	0	2	3	1
6	0	0	2	3	1
7	0	0	2	3	1
8	0	0	2	3	1
9	0	0	2	3	1
10	0	0	2	3	1
11	0	0	2	3	1
12	0	0	2	3	1
13	0	0	2	3	1
14	0	0	2	3	1
15	0	0	2	3	1
16	0	0	2	3	1
17	0	0	2	3	1
18	0	0	2	3	1
19	0	0	2	3	0
20	0	0	2	2	0
21	0	0	2	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	0
28	0	0	3	2	0
29	0	0	3	2	0
30	0	0	3	2	0
31	0	—	3	1	—
Mean	0	0	2	3	1
Max.	0	0	3	3	1
Min.	0	0	0	1	0
A.F.	0	0	120	160	40
Water diverted					
320 A.F.					

DAILY DIVERSIONS OF CANALS--1961

ENTERPRISE CANAL
Summary in Acre-feet--1961

	Apr.	May	June	July	Aug.	Sept.	Total	
Diverted from:								
North Platte River.....	580	1810	1710	4060	4290	3590	16040	
Dry Spotted Tail.....	0	0	150	670	690	270	1780	
Morrill Drain.....	0	120	50	100	270	190	730	
Tub Springs.....	0	0	760	1140	1360	350	3610	
Winter Creek.....	0	0	0	120	160	40	320	
Total diversion.....	580	1930	2670	6090	6770	4440	22480	
Water diverted								
22480 A.F. Total							Acreage reported	
22274 A.F. Natural							D-920	7572
206 A.F. Glendo Storage								

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	6	0	7	4	4	0	0
2	6	0	7	7	3	0	0
3	6	0	6	5	3	0	0
4	6	0	3	5	3	0	0
5	6	0	3	5	4	0	0
6	6	0	3	4	4	0	0
7	6	0	3	4	4	0	0
8	3	0	3	5	5	0	0
9	0	0	6	6	3	0	0
10	0	0	5	6	0	0	0
11	0	0	5	6	0	0	0
12	0	0	5	6	0	0	0
13	0	0	4	4	0	0	0
14	0	0	0	4	0	0	0
15	0	0	0	5	0	0	0
16	0	0	0	5	0	0	0
17	0	0	0	5	0	0	0
18	0	0	0	5	0	0	0
19	0	0	0	4	0	0	0
20	0	0	0	4	0	0	0
21	0	0	0	3	0	0	0
22	0	0	0	3	0	0	0
23	0	0	0	3	0	0	0
24	0	0	0	3	1	0	0
25	0	0	0	3	2	0	0
26	0	5	0	3	4	0	0
27	0	5	0	3	4	0	0
28	0	5	0	3	6	0	0
29	0	5	0	4	2	0	0
30	0	5	0	4	0	0	0
31	0	-	0	-	0	-	-
Mean	1	1	2	4	2	0	0
Max.	6	5	7	7	6	0	0
Min.	0	0	0	3	0	0	0
A.F.	90	50	120	260	100	0	0
Water diverted	620 A.F.			Acreage reported			
				D-461 290			
				A-5181 76			
				Total 366			

DAILY DIVERSIONS OF CANALS--1961

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	5	4	2	1	0
2	0	5	4	3	1	1
3	0	5	4	3	3	2
4	0	5	4	4	2	1
5	0	5	4	3	2	1
6	0	5	2	2	1	1
7	0	5	4	0	0	0
8	0	2	3	0	0	0
9	0	0	3	0	0	0
10	0	0	4	0	0	0
11	0	0	3	0	0	0
12	0	0	3	3	0	0
13	0	0	3	5	0	0
14	0	0	2	6	0	0
15	0	0	2	5	0	0
16	0	0	1	5	0	0
17	0	0	1	4	0	0
18	0	0	1	2	0	0
19	0	0	2	1	0	0
20	0	0	2	1	0	0
21	0	0	2	1	1	0
22	0	0	2	1	1	0
23	0	0	2	1	0	0
24	0	0	2	1	1	1
25	3	0	2	1	1	2
26	6	0	2	0	0	2
27	6	0	2	0	0	2
28	6	0	2	0	0	2
29	5	0	2	1	0	2
30	5	1	2	1	0	2
31	-	5	-	1	0	-
Mean	1	1	3	2	0	1
Max.	6	5	4	6	3	2
Min.	0	0	1	0	0	0
A.F.	60	90	150	110	30	40
Water diverted	480 A.F.			Acreage reported		
				D-568 200		
				A-2264 134		
				Total 334		

DAILY DIVERSIONS OF CANALS--1961

FORSLING-KINNEY CANAL from Lodgepole Creek
Measured through rating flume--Sec. 33-15-56 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	2	0	0
12	0	0	1	0	0
13	0	0	2	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	1	0	0	0
29	0	1	0	0	0
30	0	1	0	0	0
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	0	1	2	0	0
Min.	0	0	0	0	0
A.F.	0	10	30	0	0
Water diverted	40 A.F.		Acreage reported		
			D-348R 73		
			D-348 109		
			A-718 54		
			Total 236		

DAILY DIVERSIONS OF CANALS--1961

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	1287	952	1322
2	0	0	1367	874	1322
3	0	0	1437	871	1246
4	0	0	1502	928	949
5	0	0	1499	1121	704
6	0	0	1502	1287	676
7	0	0	1514	1334	647
8	0	0	1458	1370	346
9	0	0	1400	1349	0
10	0	0	1382	1355	0
11	0	0	1272	1373	0
12	0	0	1149	1346	0
13	0	0	1107	1322	0
14	0	0	1025	1352	0
15	0	0	1023	1361	0
16	0	0	1039	1385	0
17	0	0	1157	1352	0
18	0	0	1388	1301	0
19	0	0	1415	1298	0
20	0	0	1409	1307	0
21	0	0	1322	1301	0
22	0	0	1322	1272	0
23	0	0	1325	1272	0
24	0	0	1337	1295	0
25	0	0	1385	1328	0
26	0	0	1382	1331	0
27	0	187	1400	1325	0
28	0	751	1415	1325	0
29	0	1049	1400	1325	0
30	0	1223	1370	1325	0
31	0	-----	1223	1322	-
Mean	0	107	1329	1266	240
Max.	0	1223	1514	1385	1322
Min.	0	0	1023	871	0
A.F.	0	6370	81750	77870	14300
Water diverted	180290 A.F.		Acreage reported		
			A-768 Neb 54846		
	Pathfinder storage included		A-768 Wyo 50210		
			Total 105056		

DAILY DIVERSIONS OF CANALS--1961

DAILY DIVERSIONS OF CANALS--1961

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

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	50	55	197	140
2	0	50	55	197	140
3	0	50	61	191	141
4	0	50	64	184	137
5	0	51	71	182	137
6	0	52	78	182	120
7	0	52	90	179	107
8	0	52	101	179	107
9	0	55	101	179	107
10	0	56	108	179	108
11	0	56	121	179	95
12	0	57	121	177	66
13	0	57	121	177	38
14	0	57	125	150	38
15	0	58	133	146	38
16	0	53	133	146	31
17	0	47	142	148	31
18	0	46	164	148	31
19	0	46	190	148	10
20	0	46	200	143	0
21	0	46	200	121	0
22	0	46	200	111	0
23	0	46	200	111	0
24	0	46	197	111	0
25	21	46	197	111	0
26	35	46	197	112	0
27	39	46	200	112	0
28	39	45	197	112	0
29	39	51	200	116	0
30	39	55	200	126	0
31	46	--	200	129	--
Mean	8	50	142	151	54
Max.	46	58	200	197	141
Min.	0	45	55	111	0
A.F.	510	3000	8770	9290	3220
Water diverted					
24790 A.F.					
Supplemental storage included					
				Acreage reported	
				A-2691a	4575
				A-2691b	4164
				A-4216	2169
				A-6221	161
				A-8259	146
				A-9623	58
				Total	11273

Date	May	June	July	Aug.	Sept.
1	0	0	0	26	14
2	0	0	0	26	14
3	0	0	0	18	14
4	0	0	0	14	14
5	0	0	0	15	14
6	0	0	0	15	13
7	0	0	0	22	12
8	0	0	0	28	5
9	0	0	0	29	0
10	0	0	4	29	0
11	0	0	12	29	0
12	0	0	12	29	0
13	0	0	12	29	0
14	0	0	20	28	0
15	0	0	28	28	0
16	0	0	28	28	0
17	0	0	36	28	0
18	0	0	42	12	0
19	0	0	41	0	0
20	0	0	42	0	0
21	0	0	38	0	0
22	0	0	37	0	0
23	0	0	37	0	0
24	0	0	29	0	0
25	0	0	24	0	0
26	0	0	18	0	0
27	0	0	14	0	0
28	0	0	19	6	0
29	0	0	24	11	0
30	0	0	25	11	0
31	0	--	24	12	--
Mean	0	0	18	15	3
Max.	0	0	42	29	14
Min.	0	0	0	0	0
A.F.	0	0	1120	940	200
Water diverted					
2260 A.F.					
Supplemental storage included					
				Acreage reported	
				A-4227	1946
				A-6222	184
				Total	2130

DAILY DIVERSIONS OF CANALS--1961

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	172	176	92	219	181	187	207	184	355	167	215	137
2	173	178	164	195	188	217	208	184	364	172	280	128
3	156	179	174	128	194	211	200	187	255	169	150	143
4	173	179	238	140	180	193	192	191	203	174	110	137
5	158	177	355	180	176	182	192	212	213	162	125	148
6	166	179	209	196	174	221	190	233	234	159	110	150
7	163	174	166	234	183	245	186	239	319	153	110	148
8	160	178	184	191	189	226	179	252	278	134	105	142
9	165	144	194	210	197	212	197	230	271	150	105	161
10	163	177	215	189	198	199	205	282	256	126	108	169
11	166	179	200	180	200	237	265	268	200	122	121	161
12	158	179	170	185	200	279	281	237	213	142	116	153
13	170	179	180	185	200	288	282	234	91	132	115	161
14	158	178	220	185	200	296	340	285	148	133	120	206
15	152	139	240	185	200	311	310	287	174	125	124	219
16	167	178	220	184	200	271	285	301	334	107	119	159
17	169	178	190	185	200	254	265	302	336	108	118	171
18	134	174	190	185	115	268	255	276	292	93	129	164
19	148	179	180	185	80	272	213	322	280	106	146	159
20	130	179	150	173	115	281	185	262	219	115	203	166
21	175	178	98	97	189	280	210	303	262	107	258	179
22	182	179	68	90	246	283	211	318	238	110	220	213
23	178	134	42	118	249	280	206	258	242	112	164	190
24	156	179	148	169	218	281	205	300	195	112	162	220
25	189	178	239	141	249	261	200	275	176	97	146	163
26	182	178	220	127	262	256	185	279	198	95	152	184
27	185	179	226	118	229	272	194	281	185	105	145	181
28	192	174	234	136	203	269	188	253	181	135	146	172
29	187	166	219	148	---	238	183	205	181	150	133	121
30	220	128	162	162	---	238	183	249	169	160	142	183
31	180	---	207	174	---	202	---	288	---	165	124	---
Mean	170	172	137	163	193	249	220	255	235	132	146	156
Max.	220	179	355	234	262	311	340	322	364	174	280	220
Min.	130	128	42	90	80	152	179	184	91	93	105	121
A.F.	10450	10230	11490	10306	10740	15290	13090	15700	14010	8130	8970	9890
Total acre-feet												
133300 A.F.												

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	1	0	0
2	2	0	0	1	0	0
3	2	21	0	1	0	0
4	2	17	0	2	0	0
5	2	11	0	1	0	0
6	1	3	0	1	0	0
7	0	3	0	2	0	0
8	0	6	0	3	0	0
9	0	4	0	4	0	0
10	0	5	1	3	0	0
11	0	5	1	3	0	0
12	0	4	1	6	0	0
13	0	1	0	6	0	0
14	0	0	0	3	0	0
15	0	0	1	0	0	0
16	0	0	1	0	0	0
17	0	0	1	2	0	0
18	0	0	0	2	0	0
19	0	0	0	1	0	0
20	0	0	0	1	0	0
21	0	0	0	1	0	0
22	0	0	1	1	0	0
23	0	0	1	1	0	0
24	0	0	2	1	0	0
25	0	0	1	1	0	0
26	0	2	3	1	0	0
27	0	3	1	1	0	0
28	0	3	1	7	0	0
29	0	2	1	9	0	0
30	0	2	1	0	0	0
31	0	2	-	0	0	-
Mean	0	3	1	2	0	0
Max.	2	21	3	4	0	0
Min.	0	0	0	0	0	0
A.F.	20	190	40	130	0	0
Water diverted	380 A.F.			Acreage reported D-462 255		

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	82	115	151
2	0	0	86	94	155
3	0	0	100	89	166
4	0	0	105	86	169
5	0	0	97	80	71
6	0	0	104	80	0
7	0	0	136	102	0
8	0	0	179	148	0
9	0	0	166	162	0
10	0	0	167	150	0
11	0	0	163	151	0
12	0	0	161	155	0
13	0	0	138	162	0
14	0	0	117	157	0
15	0	0	109	157	0
16	0	0	117	162	0
17	0	0	122	160	0
18	0	0	115	157	0
19	0	0	112	157	0
20	0	0	138	160	0
21	0	0	171	160	0
22	0	0	166	160	0
23	0	0	150	151	0
24	0	0	149	157	0
25	0	0	149	155	0
26	0	0	148	148	0
27	0	0	151	151	0
28	0	0	157	151	0
29	0	0	157	157	0
30	0	0	151	160	0
31	0	-	129	157	-
Mean	0	0	135	142	24
Max.	0	0	179	162	169
Min.	0	0	82	80	0
A.F.	0	0	8320	8710	1410
Water diverted	18440 A.F.			Acreage reported A-365R 14310	
Pathfinder storage included					

DAILY DIVERSIONS OF CANALS--1961

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	70	71	130	200	185	149	155	159	122	157	367	182
2	63	93	130	190	148	134	120	157	105	208	417	195
3	47	86	115	230	130	128	123	180	128	217	421	188
4	11	80	155	230	140	165	134	183	103	217	433	190
5	0	95	155	220	190	154	143	199	95	281	435	194
6	0	85	138	210	180	143	129	159	106	259	442	204
7	0	76	163	210	180	135	141	162	151	254	444	209
8	0	76	149	208	190	134	188	173	119	257	442	204
9	0	90	144	206	170	143	159	160	98	303	442	231
10	0	91	163	159	157	159	151	168	85	318	442	231
11	0	78	85	175	185	172	159	138	92	354	440	229
12	0	98	123	170	182	165	152	140	187	387	398	235
13	0	86	116	172	168	165	162	172	269	412	273	231
14	0	78	159	167	159	165	165	172	237	414	241	168
15	0	74	128	162	168	143	149	209	213	424	303	138
16	0	89	100	157	151	165	168	190	242	428	279	157
17	0	84	108	162	134	162	165	177	241	430	281	140
18	0	72	128	165	119	192	152	183	244	447	279	106
19	0	97	135	99	128	152	168	172	238	452	281	86
20	0	84	123	109	155	152	144	162	238	444	154	194
21	0	79	100	112	152	160	129	170	224	437	126	165
22	0	80	100	173	159	155	152	168	195	435	146	97
23	0	98	123	120	132	155	128	185	213	426	110	103
24	0	91	185	160	128	149	113	197	187	414	86	110
25	0	84	165	155	151	163	59	215	116	412	71	86
26	0	84	182	140	137	154	113	188	81	419	152	63
27	0	79	168	190	123	149	109	185	61	440	143	80
28	13	16	170	200	126	144	59	149	87	412	126	57
29	84	41	190	195	---	157	138	126	51	401	110	45
30	78	78	210	210	---	149	119	116	53	391	128	66
31	72	---	200	211	---	138	---	137	---	382	160	---
Mean	14	80	143	176	155	153	140	169	152	362	277	153
Max.	84	98	210	230	190	192	188	215	269	452	444	235
Min.	0	16	85	99	119	128	59	116	51	157	71	45
A.F.	870	4790	8810	10840	8580	9420	8300	10420	9060	22280	17000	9090
Water diverted	119460 A.F.											

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	55	0	5	71	144	162	103
2	40	0	0	54	122	198	107
3	24	0	12	77	70	213	98
4	0	0	0	53	68	233	99
5	0	0	0	58	96	230	104
6	0	0	0	76	47	254	120
7	0	0	0	102	55	271	117
8	0	0	0	55	63	281	100
9	0	0	0	85	109	281	122
10	0	0	15	79	124	270	103
11	0	0	0	78	182	277	94
12	0	0	0	143	231	217	85
13	0	0	14	81	234	83	53
14	0	0	0	40	255	130	65
15	0	0	25	25	280	133	83
16	0	0	0	54	283	102	106
17	0	0	0	52	281	103	81
18	0	0	0	53	291	143	55
19	0	0	0	47	284	95	51
20	0	0	0	48	288	24	115
21	0	0	0	35	281	102	8
22	0	0	0	56	271	78	31
23	0	0	0	56	244	93	50
24	0	0	13	52	226	72	49
25	0	0	32	41	229	61	25
26	0	36	18	46	234	140	3
27	0	2	43	56	262	72	33
28	0	0	19	82	226	54	0
29	0	46	29	46	206	50	8
30	0	1	57	48	194	93	30
31	0	-	78	-	172	93	--
Mean	4	3	12	62	195	149	70
Max.	55	46	78	143	291	281	122
Min.	0	0	0	25	70	24	0
A.F.	240	170	710	3670	12000	9140	4160
Water diverted							
30090 A.F.							
Sutherland storage included							
Acreage reported							
D-645a							860
D-645b							17000
A-3716							4585
Total							22445

DAILY DIVERSIONS OF CANALS--1961

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	13	56	87	178	169	121	122	127	42	11	168	65
2	19	56	131	147	160	139	139	141	42	71	180	73
3	19	65	111	128	129	124	123	138	42	121	171	74
4	10	65	154	156	115	121	114	154	41	123	164	75
5	1	68	156	162	133	126	119	164	30	152	168	74
6	2	70	130	158	135	136	123	173	26	174	154	69
7	1	71	119	156	137	150	104	155	40	163	143	76
8	1	68	159	162	126	88	129	155	53	159	133	86
9	2	66	144	156	133	165	162	150	11	159	133	89
10	2	59	114	144	147	163	155	126	5	159	142	105
11	2	66	138	155	157	165	154	123	3	142	134	111
12	2	72	126	162	181	165	154	118	36	128	148	123
13	2	83	99	165	176	165	152	130	154	146	156	146
14	2	80	132	163	162	164	152	154	162	131	91	85
15	2	70	137	160	152	162	153	151	154	118	140	46
16	2	71	163	152	153	138	153	161	154	119	145	42
17	2	75	162	162	136	160	154	162	155	123	146	48
18	1	78	108	167	38	160	154	154	157	128	112	42
19	1	78	136	80	96	163	155	154	157	138	153	28
20	1	87	92	75	153	160	154	153	156	128	107	65
21	1	82	62	57	152	159	136	158	155	128	20	129
22	1	80	71	136	149	157	138	160	114	135	57	55
23	1	83	100	119	145	157	145	152	129	149	15	44
24	2	90	154	132	96	154	118	151	111	154	12	50
25	1	90	170	109	124	150	66	150	62	150	8	50
26	2	92	160	115	148	154	63	140	28	152	10	49
27	2	99	159	159	120	141	88	117	4	146	58	38
28	1	62	121	168	116	128	92	107	4	153	59	54
29	4	20	125	177	---	130	76	80	4	160	49	30
30	63	32	155	174	---	149	97	48	4	162	28	29
31	60	---	170	174	---	126	---	48	---	173	56	---
Mean	7	71	130	145	137	146	128	137	74	137	105	68
Max.	63	99	170	178	181	165	162	173	162	174	180	146
Min.	1	20	62	57	38	88	63	48	3	11	8	28
A.F.	450	4230	8020	8940	7610	9010	7620	8440	4430	8440	6470	4070
Water returned												
77730 A.F.												

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	13	0	3	0	23	0
2	12	0	2	0	22	0
3	12	1	3	3	20	0
4	11	4	2	0	17	0
5	14	4	2	0	13	0
6	14	3	3	4	11	6
7	12	2	3	1	14	11
8	13	5	2	0	15	11
9	18	9	2	8	10	15
10	17	9	2	20	14	16
11	14	9	2	20	20	19
12	13	14	2	15	24	21
13	9	14	5	0	23	16
14	9	10	13	0	21	4
15	6	14	13	0	20	4
16	0	17	14	0	21	4
17	0	11	4	0	21	8
18	0	6	2	2	17	17
19	0	4	9	3	4	20
20	0	3	9	0	0	23
21	0	3	9	0	0	22
22	0	3	11	0	0	22
23	0	2	13	0	0	23
24	0	2	17	4	0	21
25	0	2	16	1	0	22
26	0	3	16	0	0	24
27	0	3	16	3	0	24
28	0	3	17	1	0	22
29	0	3	12	0	0	17
30	0	3	3	4	0	12
31	0	3	-	11	0	--
Mean	6	5	8	3	11	13
Max.	18	17	17	20	24	24
Min.	0	0	2	0	0	0
A.F.	370	340	450	200	650	800
Water diverted	2810 A.F.			Acreeage reported		
				D-788 1989		
				D-781R 15		
				D-763R 85		
				Total 2089		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	4	5	11	9	4	7
2	4	9	12	10	4	7
3	4	12	12	11	4	8
4	4	17	9	11	4	8
5	6	16	10	7	4	8
6	6	16	10	2	4	8
7	6	16	10	2	5	7
8	2	15	10	2	5	8
9	0	15	9	7	5	8
10	0	15	9	10	4	6
11	0	15	9	10	5	0
12	0	16	9	10	5	0
13	0	17	9	10	5	0
14	0	17	9	10	4	0
15	0	16	9	10	4	0
16	0	15	8	9	5	0
17	0	13	0	9	5	0
18	0	14	0	9	5	0
19	0	16	0	8	5	0
20	0	14	8	9	5	0
21	0	15	12	9	6	0
22	0	16	8	11	6	0
23	0	14	8	16	6	0
24	0	14	8	12	6	0
25	0	13	8	5	6	0
26	0	13	8	4	6	0
27	0	13	8	4	6	0
28	0	12	8	4	6	0
29	0	14	7	4	6	0
30	0	12	7	4	6	0
31	0	12	-	4	7	-
Mean	1	14	8	8	5	2
Max.	6	17	12	16	7	8
Min.	0	5	0	2	4	0
A.F.	70	870	490	480	310	150
Water diverted	2370 A.F.			Acreeage reported		
				D-517 600		
				A-2275 509		
				Total 1109		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	4	3	3	0	1
2	0	3	3	3	0	0
3	0	3	3	4	0	0
4	0	3	3	4	0	1
5	0	3	4	4	0	3
6	0	3	3	4	0	3
7	0	3	4	4	0	3
8	0	3	4	3	0	3
9	0	3	4	2	0	3
10	0	3	4	2	0	3
11	0	3	3	3	0	3
12	0	4	3	3	0	3
13	0	3	3	3	0	3
14	0	3	4	3	0	3
15	0	3	4	3	0	3
16	0	3	4	3	0	3
17	0	2	4	3	0	3
18	0	3	4	3	0	4
19	0	3	4	2	0	4
20	0	3	4	2	0	4
21	0	4	4	2	0	3
22	0	3	4	2	1	4
23	0	3	4	2	1	2
24	0	3	4	1	1	0
25	2	3	3	1	1	0
26	4	3	3	1	2	0
27	5	3	3	2	2	0
28	5	3	3	2	2	0
29	5	3	3	0	2	0
30	5	3	3	0	2	0
31	-	3	-	0	2	-
Mean	1	3	4	2	1	2
Max.	5	4	4	4	2	4
Min.	0	2	3	0	0	0
A.F.	50	190	210	150	30	120
Water diverted	750 A.F.			Acreeage reported		
				A-1260 180		
				A-4862 42		
				Total 222		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	15	0	6	9	13	12	10
2	15	0	7	7	16	7	12
3	16	0	7	7	2	10	13
4	16	0	10	6	0	10	13
5	10	0	13	7	0	12	13
6	12	0	12	8	0	11	13
7	15	0	11	10	0	14	12
8	14	0	11	9	1	12	12
9	10	0	11	10	8	12	12
10	14	0	11	7	8	15	10
11	13	0	12	7	10	12	9
12	14	0	12	7	12	11	12
13	15	0	5	6	13	16	12
14	17	0	6	5	12	12	11
15	16	0	9	5	11	10	11
16	13	0	10	5	12	10	11
17	15	0	10	4	11	11	12
18	13	0	10	4	11	11	12
19	8	0	14	8	10	11	13
20	3	0	14	12	11	10	14
21	1	0	17	13	12	11	12
22	2	0	5	14	12	12	12
23	4	0	0	13	11	10	15
24	8	0	1	11	10	11	14
25	9	0	4	13	11	12	12
26	8	2	4	12	13	13	12
27	8	5	4	13	11	12	12
28	7	6	6	14	11	13	11
29	4	6	7	14	11	12	12
30	0	6	8	13	12	12	15
31	0	-	10	--	12	14	--
Mean	10	1	9	9	9	12	12
Max.	17	6	17	14	16	16	15
Min.	0	0	0	4	0	7	9
A.F.	620	50	530	540	570	720	720
Water diverted	3750 A.F.			Acreeage reported			
				D-781 858			
				D-788R 19			
				Total 877			

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	1	0	0
8	0	0	1	0	0
9	0	1	2	0	0
10	0	1	2	0	0
11	0	1	1	0	0
12	0	1	0	0	0
13	0	1	0	0	0
14	0	2	0	0	0
15	0	2	0	0	0
16	0	1	0	0	0
17	0	1	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	1
26	0	0	0	0	1
27	0	0	0	0	1
28	0	0	0	0	1
29	0	0	0	0	1
30	0	0	0	0	2
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	0	2	2	0	2
Min.	0	0	0	0	0
A.F.	0	20	10	0	10
Water diverted	40 A.F.		Acreage reported		
			D-987a	40	
			D-987b	20	
			Total	60	

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	3	2	2	2
2	0	3	3	2	2
3	0	3	3	2	2
4	0	2	2	2	1
5	0	3	3	3	1
6	0	3	2	2	1
7	0	0	2	2	1
8	0	0	2	2	1
9	0	0	0	2	1
10	0	0	0	2	1
11	0	0	0	2	1
12	2	0	0	2	1
13	2	0	4	3	1
14	2	0	3	2	1
15	2	0	3	2	1
16	3	0	3	2	1
17	2	0	3	1	1
18	2	0	0	0	1
19	2	0	0	0	1
20	2	0	2	0	1
21	2	0	2	0	1
22	2	0	2	0	1
23	3	0	2	2	1
24	3	0	2	2	1
25	2	0	2	2	1
26	2	0	0	2	1
27	2	0	0	2	1
28	2	3	2	2	1
29	3	3	2	2	0
30	2	3	2	2	0
31	3	-	2	2	-
Mean	1	1	2	2	1
Max.	3	3	4	3	2
Min.	0	0	0	0	0
A.F.	90	50	110	110	60
Water diverted	420 A.F.		Acreage reported		
			D-354	180	
			A-4818	67	
			Total	247	

DAILY DIVERSIONS OF CANALS--1961

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	869	0	0	1614	680	1782
2	0	877	0	0	1723	358	1742
3	0	866	0	0	1772	0	1723
4	0	820	0	0	1818	150	1726
5	0	788	0	0	1822	500	1686
6	0	789	0	0	1861	885	1630
7	0	791	0	0	1861	1235	1586
8	335	791	0	0	1858	1696	1131
9	543	791	0	0	1861	1970	678
10	863	799	0	0	1865	1964	364
11	880	793	0	0	1878	1914	0
12	891	791	0	0	1901	1924	0
13	858	729	0	0	1766	1917	0
14	869	463	0	0	1657	1914	0
15	872	98	0	0	1673	1907	0
16	847	0	0	0	1756	1914	0
17	853	0	0	0	1841	1901	0
18	863	0	0	0	1832	1901	0
19	853	0	0	0	1825	1848	0
20	853	0	0	0	1815	1848	0
21	861	0	0	0	1782	1848	0
22	861	0	0	0	1739	1841	0
23	858	0	0	0	1742	1841	0
24	858	0	0	0	1756	1838	0
25	855	0	0	114	1749	1835	0
26	863	0	0	408	1746	1828	0
27	863	0	0	664	1742	1775	0
28	869	0	0	949	1766	1782	0
29	972	0	0	1098	1673	1755	0
30	863	0	0	1383	1597	1789	0
31	863	0	0	---	1027	1782	0
Mean	641	369	0	154	1754	1560	468
Max.	891	877	0	1383	1901	1970	1782
Min.	0	0	0	0	1027	0	0
A.F.	39400	21940	0	9160	107860	95940	27860
Water diverted	302160 A.F.			Acreage reported			
Pathfinder Storage included					A-768 Neb	111699	
					A-768 Wyo	13375	
					Total	125074	

DAILY DIVERSIONS OF CANALS--1961

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	1
2	0	0	0	0	0
3	0	0	0	0	1
4	0	0	0	0	2
5	0	0	0	0	1
6	0	0	0	0	1
7	0	0	0	0	1
8	0	0	0	0	2
9	0	0	0	0	2
10	0	0	0	0	2
11	1	0	0	0	2
12	1	0	0	0	2
13	2	0	0	0	5
14	1	0	0	0	4
15	0	0	0	0	2
16	0	0	0	0	2
17	0	0	0	0	2
18	0	0	0	0	1
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	0	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	1	0	0	0	0
26	1	0	0	0	0
27	1	0	0	0	0
28	1	0	0	0	1
29	1	0	0	0	0
30	0	0	0	0	1
31	0	-	0	0	-
Mean	0	0	0	0	1
Max.	3	0	0	0	5
Min.	0	0	0	0	0
A.F.	20	0	0	0	70
Water diverted	90 A.F.		Acreage reported		
			D-511	146	

DAILY DIVERSIONS OF CANALS--1961

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	21	110	0	0	0	162	230	254	247	189	70	127
2	18	46	0	0	0	166	240	258	224	187	65	124
3	16	0	0	0	0	166	238	254	232	170	63	117
4	16	0	0	0	0	166	230	267	238	139	42	102
5	16	0	0	0	0	78	240	209	191	130	35	66
6	16	0	0	0	0	87	226	173	240	157	35	83
7	16	0	0	0	0	107	242	232	242	142	42	94
8	15	0	0	0	0	63	256	269	224	117	50	89
9	14	0	0	0	0	95	260	267	168	98	72	83
10	13	0	0	0	0	177	256	260	136	98	86	79
11	12	0	0	0	0	177	258	260	185	102	139	70
12	13	0	0	0	0	173	247	205	254	86	89	107
13	14	0	0	0	0	187	242	137	256	101	149	125
14	14	0	0	0	0	212	181	160	254	110	267	137
15	14	0	0	0	42	170	137	260	234	94	256	240
16	15	0	0	0	95	205	155	242	92	77	247	251
17	15	0	0	0	42	209	214	280	84	52	238	251
18	15	0	0	0	10	187	183	265	170	46	89	251
19	0	0	0	0	10	181	179	218	218	56	53	256
20	0	0	0	0	10	214	175	139	265	56	107	272
21	0	0	0	0	40	201	157	164	254	66	242	265
22	0	0	0	0	129	197	130	181	263	69	254	276
23	0	0	0	0	170	189	110	222	240	107	207	278
24	0	0	0	0	185	220	240	254	244	146	244	283
25	0	0	0	0	170	220	300	251	274	164	201	285
26	0	0	0	0	173	212	260	242	256	137	51	287
27	0	0	0	0	179	220	250	226	247	118	118	289
28	0	0	0	0	177	224	210	226	238	104	212	278
29	0	0	0	0	---	197	132	120	185	110	193	278
30	0	0	0	0	---	242	191	158	173	96	149	287
31	0	0	0	0	---	236	---	240	---	115	134	---
Mean	9	5	0	0	51	179	212	222	218	111	135	191
Max.	21	110	0	0	185	242	300	280	274	189	267	289
Min.	0	0	0	0	0	63	110	120	84	46	35	66
A.F.	540	310	0	0	2840	10990	12630	13670	12950	6820	8330	11370
Water diverted												
80450 A.F.												
Sutherland Storage included												
											Acreage reported	
											D-1023	4225
											A-8399	1798
											Total	6023

DAILY DIVERSIONS OF CANALS--1961

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	32	4	0	0	0	118	78	160	189	148	42	70
2	6	61	0	0	0	118	97	187	182	154	21	73
3	3	18	0	0	0	77	192	189	76	144	24	70
4	3	4	0	0	0	80	168	219	88	111	14	76
5	2	0	0	0	0	93	161	185	175	96	8	58
6	1	0	0	0	0	58	178	95	215	106	5	47
7	1	0	0	0	0	48	168	108	196	131	3	45
8	0	0	0	0	0	45	68	201	205	86	2	49
9	0	0	0	0	0	63	66	198	184	75	12	50
10	1	0	0	0	0	101	187	203	117	66	31	48
11	1	0	0	0	0	101	278	195	124	69	121	45
12	1	0	0	0	0	115	240	185	209	61	99	50
13	1	0	0	0	0	133	196	56	217	50	92	106
14	0	0	0	0	0	238	189	51	220	62	205	100
15	0	0	0	0	0	288	95	144	201	58	222	160
16	0	0	0	0	12	286	74	266	184	50	212	188
17	0	0	0	0	83	288	156	248	54	12	212	111
18	0	0	0	0	50	283	122	189	82	0	272	209
19	0	0	0	0	32	283	111	216	266	0	148	226
20	0	0	0	0	16	209	109	114	223	0	51	302
21	0	0	0	0	3	234	112	160	206	0	161	255
22	0	0	0	0	0	280	89	124	199	18	201	285
23	0	0	0	0	11	199	86	180	180	38	203	161
24	0	0	0	0	11	188	187	192	75	87	213	96
25	0	0	0	0	30	59	231	216	104	89	203	278
26	0	0	0	0	29	59	196	178	271	98	88	271
27	0	0	0	0	92	166	192	83	220	70	52	264
28	0	0	0	0	106	180	159	90	269	48	164	230
29	0	0	0	0	---	167	88	163	185	50	163	227
30	0	0	0	0	---	257	85	71	134	49	126	66
31	0	0	0	0	---	243	---	175	---	57	94	---
Mean	2	3	0	0	2	163	145	163	175	67	112	141
Max.	32	61	0	0	106	288	278	266	271	154	272	302
Min.	0	0	0	0	0	45	66	51	54	0	2	45
A.F.	100	180	0	0	940	10030	8650	10000	10410	4130	6870	8360
Water returned												
59670 A.F.												

DAILY DIVERSIONS OF CANALS--1961

DAILY DIVERSIONS OF CANALS--1961

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

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

Date	Oct.	May	June	July	Aug.	Sept.
1	80	0	45	0	85	97
2	81	0	48	0	85	97
3	82	0	54	0	85	92
4	81	0	52	0	84	93
5	80	0	51	0	85	94
6	82	0	48	0	86	93
7	80	0	48	0	85	95
8	79	0	48	0	94	96
9	71	0	47	0	98	96
10	76	0	47	0	96	90
11	80	25	50	0	96	95
12	84	45	50	7	95	95
13	86	46	61	46	79	85
14	87	71	64	83	86	79
15	80	55	39	83	82	72
16	50	48	39	84	79	88
17	71	49	65	84	80	96
18	75	48	71	85	83	88
19	70	48	68	87	84	90
20	67	48	69	85	82	79
21	61	48	75	84	82	71
22	60	48	77	85	75	67
23	60	47	81	88	67	63
24	57	47	84	89	79	43
25	53	49	84	86	86	37
26	51	46	84	86	89	43
27	47	46	80	85	90	62
28	43	46	83	85	93	60
29	15	45	82	86	104	58
30	0	46	19	88	100	58
31	0	46	—	86	101	—
Mean	64	32	60	51	87	79
Max.	87	71	84	89	104	97
Min.	0	0	19	0	67	37
A.F.	3950	1980	3600	3160	5350	4700
Water diverted				Acreage reported		
	22740 A.F.			D-722 6146		
Kingsley storage included						

Date	May	June	July	Aug.	Sept.
1	0	0	45	20	39
2	0	0	41	20	39
3	0	0	41	20	38
4	0	0	38	22	40
5	0	0	35	24	41
6	0	0	34	24	38
7	0	0	27	27	38
8	0	0	32	36	32
9	0	0	0	36	28
10	0	0	0	39	27
11	0	0	35	43	23
12	0	0	42	43	21
13	0	0	38	25	19
14	0	0	27	26	19
15	0	0	26	32	26
16	0	0	26	31	26
17	0	0	31	41	26
18	0	0	0	38	23
19	0	0	2	39	21
20	0	0	4	40	23
21	0	36	4	41	23
22	0	36	10	42	16
23	0	36	25	39	3
24	0	36	17	40	2
25	0	51	15	41	2
26	0	52	17	40	1
27	0	51	0	40	2
28	0	39	0	39	3
29	0	48	0	39	11
30	0	46	0	39	11
31	0	—	12	41	—
Mean	0	14	20	34	22
Max.	0	52	45	43	41
Min.	0	0	0	20	1
A.F.	0	850	1240	2120	1310
Water diverted				Acreage reported	
	5520 A.F.			A-897 4500	
Oliver Reservoir Storage included					

DAILY DIVERSIONS OF CANALS--1961

DAILY DIVERSIONS OF CANALS--1961

LaBELLE CANAL from Niobrara River
Measured through rating flume--Sec. 6-28-54 W.

LAKOTAH CANAL from Niobrara River
Measured through Parshall flume--Sec. 1-30-57 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	3	7	5	0	2	3
2	3	4	4	0	2	3
3	4	4	4	0	2	3
4	4	4	4	0	2	3
5	4	4	4	1	3	3
6	3	4	4	3	3	3
7	3	4	4	4	3	3
8	3	4	3	4	3	3
9	5	4	3	4	3	3
10	6	4	3	4	3	3
11	6	4	3	4	3	3
12	6	4	3	4	3	4
13	4	4	2	4	3	4
14	0	5	2	3	3	4
15	0	5	2	3	3	5
16	0	5	2	3	3	4
17	0	5	2	3	3	4
18	0	5	2	3	3	4
19	0	5	2	3	3	4
20	0	5	2	3	3	4
21	0	5	2	3	3	4
22	0	5	2	3	2	4
23	0	5	1	4	0	4
24	0	5	0	4	0	1
25	0	5	0	3	0	0
26	0	5	0	4	0	0
27	0	5	0	3	0	0
28	0	4	0	3	0	0
29	0	4	0	3	0	0
30	0	5	0	2	0	0
31	0	5	—	2	3	—
Mean	2	5	2	3	2	3
Max.	6	7	5	4	3	5
Min.	0	4	0	0	0	0
A.F.	120	280	130	170	130	170
Water diverted				Acreage reported		
	1000 A.F.			D-518 140		
				A-60 220		
				Total 360		

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	3	5	2	2	1
2	3	0	3	5	2	2	0
3	3	0	3	5	2	2	0
4	2	0	3	5	2	2	0
5	4	0	6	4	2	2	0
6	2	0	5	4	2	2	0
7	3	0	4	4	2	2	0
8	2	0	4	4	3	2	0
9	2	0	4	4	3	2	0
10	2	0	4	3	3	2	0
11	2	0	3	3	3	2	0
12	2	0	2	3	3	2	0
13	1	0	4	3	3	2	0
14	0	0	7	3	2	2	0
15	0	0	6	3	2	2	0
16	0	0	6	3	2	2	0
17	0	0	6	2	2	2	0
18	0	0	6	2	2	2	1
19	0	0	6	2	1	2	3
20	0	0	6	2	2	2	3
21	0	0	6	1	2	2	2
22	0	0	7	1	2	2	2
23	0	0	6	1	1	2	2
24	0	0	6	2	2	2	2
25	0	0	6	2	2	1	2
26	0	0	6	2	2	2	2
27	0	2	5	2	2	2	2
28	0	4	5	1	2	1	2
29	0	3	5	2	2	1	2
30	0	3	5	2	2	1	3
31	0	—	5	—	2	2	—
Mean	1	0	5	3	2	2	1
Max.	4	4	7	5	3	2	3
Min.	0	0	2	1	1	1	0
A.F.	60	20	300	170	130	120	60
Water diverted				Acreage reported			
	860 A.F.			D-554 410			

DAILY DIVERSIONS OF CANALS--1961

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

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

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	8	0	3	1	2	2
2	8	0	3	1	2	2
3	8	0	7	1	5	2
4	8	0	10	1	5	2
5	8	0	10	1	5	3
6	8	0	11	1	5	3
7	8	0	11	1	5	2
8	8	0	10	1	5	1
9	8	0	10	4	6	3
10	8	0	10	6	6	4
11	8	0	10	6	6	9
12	4	7	10	6	6	10
13	2	10	10	6	5	11
14	1	11	10	6	6	11
15	1	11	10	6	6	10
16	0	9	10	6	6	10
17	0	8	10	6	6	10
18	1	8	10	6	6	7
19	1	8	9	6	6	7
20	1	8	9	6	3	7
21	1	7	9	6	2	7
22	1	4	8	5	2	9
23	1	3	8	5	2	9
24	0	3	8	5	2	7
25	0	3	7	6	2	7
26	0	3	7	2	2	8
27	0	2	7	1	2	8
28	1	2	7	1	2	8
29	1	2	5	1	2	8
30	1	2	1	1	2	6
31	0	3	-	1	2	-
Mean	3	4	8	4	4	6
Max.	8	11	11	6	6	11
Min.	0	0	1	1	2	1
A.F.	210	220	500	220	250	380
Water diverted						
	1780 A.F.				Acreage reported D-883	442

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	25	11	0	5	36	19	23
2	28	2	0	2	23	22	24
3	9	2	0	1	0	43	28
4	8	3	0	5	0	66	22
5	7	4	0	8	0	60	24
6	14	4	0	8	0	49	17
7	15	5	0	0	0	42	18
8	12	2	0	0	4	49	20
9	9	0	2	6	32	31	30
10	11	0	2	9	34	32	21
11	11	0	3	6	52	36	30
12	23	0	3	1	41	33	28
13	24	0	5	10	12	25	25
14	26	0	20	9	31	33	26
15	28	0	7	11	28	28	20
16	25	0	7	8	33	26	19
17	24	0	0	6	30	28	24
18	22	0	0	5	39	29	23
19	16	0	0	7	28	26	26
20	15	0	0	17	28	25	27
21	15	0	0	15	28	25	22
22	15	0	0	14	26	27	52
23	16	0	0	20	30	28	32
24	16	0	0	50	29	22	19
25	16	0	0	41	45	22	20
26	15	0	0	30	15	19	21
27	14	0	1	28	32	20	15
28	12	0	0	31	22	20	3
29	13	0	0	26	32	22	0
30	14	0	5	20	36	22	0
31	14	-	11	-	22	20	-
Mean	17	1	2	13	25	31	22
Max.	28	11	20	50	52	66	52
Min.	7	0	0	0	0	19	0
A.F.	1020	70	130	790	1520	1880	1310
Water diverted							
	6720 A.F.						

DAILY DIVERSIONS OF CANALS--1961

MCGINLEY-STOVER (North) from Niobrara River
Measured through rating flume--Sec. 25-29-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	5	0	7	2	5	6
2	6	0	7	0	5	6
3	6	0	6	0	5	7
4	6	0	7	0	5	7
5	5	0	7	0	5	7
6	5	0	6	0	5	6
7	5	0	6	0	5	5
8	5	0	6	0	4	5
9	5	0	6	0	4	5
10	5	0	6	0	4	5
11	6	0	6	0	4	6
12	6	0	5	0	3	6
13	6	0	5	0	4	6
14	0	0	5	0	3	6
15	0	0	5	0	3	6
16	0	4	5	0	3	6
17	0	5	5	0	3	6
18	0	5	4	0	3	6
19	0	5	5	1	3	6
20	0	5	5	1	4	7
21	0	6	5	2	4	7
22	0	6	4	3	4	7
23	0	6	4	3	4	7
24	0	6	5	3	3	7
25	0	6	5	3	3	7
26	0	6	5	4	4	7
27	0	7	5	4	6	7
28	0	7	5	4	6	7
29	0	7	5	5	5	7
30	0	7	4	4	5	7
31	0	7	-	5	5	-
Mean	2	3	5	1	4	6
Max.	6	7	7	5	6	7
Min.	0	0	4	0	3	5
A.F.	140	190	320	90	250	380
Water diverted						
	1370 A.F.				Acreage reported D-513a	515
					D-980	86
					Total	601

DAILY DIVERSIONS OF CANALS--1961

McGINLEY-STOVER, CANAL (South) from Niobrara River
Measured through rating flume--Sec. 25-29-56 W.

Date	May	June	July	Aug.	Sept.
1	0	3	0	0	0
2	0	0	0	0	0
3	0	1	0	0	0
4	0	3	0	0	0
5	0	3	0	0	0
6	0	3	0	0	0
7	0	3	0	0	0
8	0	2	0	0	0
9	0	2	0	0	0
10	0	2	0	0	0
11	0	2	0	0	0
12	0	2	0	0	0
13	0	2	0	0	0
14	0	2	0	0	0
15	0	3	0	0	0
16	4	3	0	0	0
17	4	3	0	0	0
18	3	3	0	0	0
19	3	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	2	0	0	0
25	4	0	0	0	0
26	4	0	0	0	0
27	3	0	0	0	0
28	3	0	0	0	0
29	3	0	0	0	0
30	3	0	0	0	0
31	3	-	0	0	-
Mean	2	2	0	0	0
Max.	4	3	0	0	0
Min.	0	0	0	0	0
A.F.	110	120	0	0	0
Water diverted	230 A.F.		Acreage reported		
			D-513b	120	

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	8	5	2	3
2	0	8	4	2	3
3	0	8	5	0	3
4	0	0	5	0	3
5	0	0	5	0	4
6	5	0	4	0	4
7	9	0	4	0	4
8	10	0	4	0	4
9	7	0	4	0	3
10	4	0	4	6	3
11	9	0	3	5	3
12	4	0	3	5	1
13	4	0	3	5	3
14	4	0	3	5	2
15	4	0	3	5	2
16	9	0	2	5	3
17	5	0	2	4	3
18	9	0	1	4	2
19	11	0	5	4	3
20	4	0	5	4	4
21	5	4	4	4	3
22	5	4	4	4	4
23	8	4	3	4	4
24	8	4	2	4	4
25	8	6	2	4	4
26	8	5	2	4	4
27	8	6	2	4	4
28	10	4	2	4	4
29	10	4	2	4	4
30	8	5	2	4	4
31	10	-	2	2	-
Mean	6	2	3	3	3
Max.	10	8	5	6	4
Min.	0	0	1	0	1
A.F.	370	140	200	190	200
Water diverted	1100 A.F.		Acreage reported		
			D-351	176	
			A-734	122	
			Total	298	

DAILY DIVERSIONS OF CANALS--1961

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	3	4	3	0	4
2	0	0	5	2	0	5
3	0	0	5	2	0	4
4	0	0	5	4	0	3
5	0	0	7	4	1	2
6	0	0	12	5	3	2
7	0	0	12	6	3	3
8	0	0	11	6	3	2
9	0	0	10	6	3	2
10	0	0	8	4	3	1
11	0	2	8	2	3	1
12	0	2	8	2	3	2
13	0	1	8	2	3	2
14	0	1	6	2	3	2
15	0	1	6	2	3	2
16	0	1	6	2	3	3
17	0	1	6	4	3	3
18	0	1	6	5	3	3
19	0	0	6	4	3	4
20	0	0	5	4	3	4
21	0	0	6	3	4	4
22	0	0	5	3	3	5
23	0	0	5	3	3	6
24	6	0	4	3	3	7
25	11	0	4	3	3	7
26	8	0	4	3	3	7
27	7	2	4	3	3	6
28	6	4	4	3	3	7
29	6	4	3	2	3	7
30	6	4	3	0	3	7
31	-	4	-	0	3	-
Mean	2	1	6	3	3	4
Max.	11	4	12	6	4	7
Min.	0	0	3	0	0	1
A.F.	100	60	370	190	160	230
Water diverted	1110 A.F.		Acreage reported			
			D-566	500		

DAILY DIVERSIONS OF CANALS--1961

MENCKE-DRIFTWOOD CANAL from Republican River
Measured through Farshall flume--Sec. 8-2-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	28	0	11	139	253	182
2	28	0	0	139	271	173
3	28	0	0	174	258	173
4	28	0	0	186	217	170
5	28	0	0	213	210	155
6	28	0	0	234	217	132
7	27	0	0	240	232	117
8	28	0	0	240	237	106
9	28	0	0	239	230	101
10	34	0	0	248	224	102
11	37	0	0	248	221	103
12	37	0	0	263	220	95
13	30	0	0	261	220	77
14	26	0	0	230	214	71
15	20	0	0	215	191	61
16	0	37	0	215	161	50
17	0	65	0	228	145	48
18	0	65	0	232	126	40
19	0	56	0	240	116	38
20	0	36	0	254	116	31
21	0	36	0	216	118	27
22	0	45	38	185	119	25
23	0	48	66	172	127	23
24	0	45	66	153	132	23
25	0	42	66	142	131	23
26	0	42	66	160	130	18
27	0	42	66	166	132	0
28	0	42	71	179	153	0
29	0	42	88	186	173	0
30	0	42	125	186	191	0
31	0	42	-	228	200	-
Mean	14	23	22	207	183	72
Max.	37	65	125	263	271	182
Min.	0	0	0	139	116	0
A.F.	860	1440	1320	12750	11280	4290
Water diverted	31940 A.F.		Acreage reported			
			D-4, 9, 8, 7	2773		
			A-3869bR	3491		
			A-3889cR	97		
			A-6213	9491		
			A-9690	257		
			A-9911	520		
			Total	16638		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	5	2	1
2	2	0	0	6	2	1
3	2	0	0	6	2	1
4	2	0	0	6	2	1
5	2	0	0	8	2	1
6	2	0	0	6	2	1
7	2	0	0	2	2	2
8	2	0	0	2	2	2
9	1	0	0	5	2	2
10	1	0	0	7	2	2
11	1	0	0	6	2	1
12	1	0	0	6	2	1
13	1	0	0	6	2	1
14	1	0	6	5	1	2
15	1	0	6	4	1	3
16	1	0	6	4	1	3
17	1	0	7	4	1	3
18	1	0	8	4	2	3
19	1	0	7	4	2	2
20	1	0	7	5	2	2
21	1	0	7	5	2	1
22	1	0	6	4	2	3
23	0	0	7	3	1	0
24	0	0	7	4	2	0
25	0	0	8	3	2	0
26	0	0	8	3	2	0
27	0	0	8	3	2	0
28	0	0	7	3	2	0
29	0	0	5	2	1	0
30	0	0	5	2	1	0
31	0	0	-	2	1	-
Mean	1	0	4	4	2	1
Max.	2	0	8	8	2	3
Min.	0	0	0	2	1	0
A.F.	60	0	230	270	110	80

Water diverted 750 A.F.
Acreage reported
D-876 427
*D-828 144
Total 571

*Originally diverted from North Platte River by Belmont Canal, spilled into Pumpkinseed Creek, diverted by Meredith-Ammer for lands located west of Pumpkinseed Creek in Section 12-19-50 W.

DAILY DIVERSIONS OF CANALS--1961

METTLEN CANAL from Niobrara River
Measured through rating flume--Sec. 4-28-54 W.

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

Water diverted 250 A.F.
Acreage reported
A-292 286
A-1248 53
A-2244 80
Total 419

DAILY DIVERSIONS OF CANALS--1961

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	15	0	26	32
2	0	16	18	26	29
3	0	19	25	30	34
4	0	19	21	45	34
5	0	18	21	46	35
6	0	18	22	47	34
7	0	17	22	45	28
8	0	17	23	44	26
9	0	18	23	46	26
10	0	17	28	46	27
11	0	17	46	46	29
12	0	16	43	48	18
13	0	16	41	46	0
14	0	14	43	43	0
15	0	19	47	39	0
16	0	16	45	38	0
17	0	15	44	38	0
18	0	15	44	38	0
19	0	16	45	37	0
20	0	17	48	35	0
21	0	16	47	35	0
22	0	16	45	39	0
23	0	15	44	41	0
24	20	16	44	36	0
25	46	15	42	34	0
26	27	14	47	35	0
27	24	13	44	37	0
28	20	5	40	36	0
29	19	0	37	33	0
30	20	0	33	35	0
31	17	-	35	35	-
Mean	6	15	36	39	12
Max.	46	19	48	48	35
Min.	0	0	0	26	0
A.F.	360	880	2200	2390	700

Water diverted 6550 A.F.
Acreage reported
A-2293 2401
A-3981a 220
A-8930 63
Total 2684

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	27	27	41	42
2	0	24	28	53	40
3	0	25	26	53	43
4	0	25	25	49	43
5	0	29	23	46	44
6	0	34	22	48	37
7	0	28	24	45	30
8	0	21	25	45	28
9	0	21	26	55	27
10	0	23	29	54	26
11	0	28	42	54	28
12	0	28	46	56	19
13	0	27	45	58	5
14	0	22	41	48	0
15	0	31	44	46	0
16	0	24	48	46	0
17	0	23	62	45	0
18	0	13	67	43	0
19	0	16	62	42	0
20	0	16	63	34	0
21	0	14	60	35	0
22	0	17	58	35	0
23	0	17	62	35	0
24	0	12	61	36	0
25	0	3	58	34	0
26	0	2	64	33	0
27	0	2	60	31	0
28	0	2	43	34	0
29	19	13	49	44	0
30	14	26	36	43	0
31	24	--	36	41	-
Mean	2	20	44	44	14
Max.	24	34	67	58	44
Min.	0	2	22	31	0
A.F.	110	1190	2700	2700	820

Water diverted 7520 A.F.
Acreage reported
A-2293 2550
A-2678 204
A-3579b 1341
A-3981b 142
A-4121 10
A-8223 25
Total 4324

DAILY DIVERSIONS OF CANALS--1961

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	49	31	34	54
2	0	40	35	34	55
3	0	39	38	43	59
4	0	39	40	52	57
5	0	43	35	58	55
6	0	40	28	63	57
7	0	42	26	62	55
8	0	42	26	63	54
9	0	39	39	69	53
10	0	37	49	84	50
11	0	36	50	91	47
12	0	34	63	96	18
13	0	34	82	98	0
14	0	18	70	97	0
15	0	20	95	91	0
16	0	30	112	86	0
17	0	27	106	76	0
18	0	31	106	68	0
19	0	37	105	65	0
20	0	37	108	53	0
21	0	35	109	63	0
22	0	30	108	58	0
23	0	28	79	56	0
24	0	29	75	51	0
25	16	29	66	45	0
26	52	30	57	44	0
27	40	31	43	51	0
28	29	32	36	54	0
29	23	29	36	47	0
30	42	29	35	46	0
31	54	--	34	46	--
Mean	8	34	62	63	20
Max.	54	49	112	98	59
Min.	0	18	26	34	0
A.F.	510	2010	3810	3860	1220
Water diverted	11410 A.F.				
	Acreage reported				
	A-2293 4277				
	A-2678 110				
	A-3979d 4720				
	A-3981c 82				
	Total 9189				

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	30	24	41	67
2	0	28	26	54	73
3	0	25	35	81	78
4	0	27	41	84	79
5	0	29	40	79	78
6	0	29	45	88	78
7	0	29	50	86	69
8	0	29	50	87	62
9	0	28	64	86	58
10	0	27	80	88	54
11	0	28	82	95	55
12	0	28	83	107	10
13	0	27	85	110	0
14	0	30	79	110	0
15	0	31	77	107	0
16	18	29	75	99	0
17	30	26	104	95	0
18	30	24	118	95	0
19	33	24	116	99	0
20	31	25	115	82	0
21	30	23	114	79	0
22	32	22	102	70	0
23	28	22	77	63	0
24	25	23	83	63	0
25	25	23	81	57	0
26	27	23	69	53	0
27	29	23	44	59	0
28	30	23	24	64	0
29	29	23	34	60	0
30	30	24	41	60	0
31	31	--	39	62	--
Mean	15	26	68	79	25
Max.	33	31	118	110	79
Min.	0	22	24	41	0
A.F.	910	1550	4160	4880	1510
Water diverted	13010 A.F.				
	Acreage reported				
	A-2293 5880				
	A-2678 84				
	A-3979d 2323				
	A-3981d 322				
	A-5139 182				
	Total 8791				

DAILY DIVERSIONS OF CANALS--1961

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	12	0
2	0	2	0	10	2
3	0	6	13	5	3
4	0	7	12	3	4
5	0	7	8	1	6
6	0	7	10	0	7
7	0	7	8	1	6
8	0	6	8	0	6
9	0	7	8	0	11
10	0	6	7	0	13
11	0	6	11	1	13
12	0	6	8	1	16
13	0	6	3	3	2
14	0	4	2	2	1
15	0	12	1	1	0
16	0	9	0	1	0
17	0	9	0	2	0
18	0	6	0	3	0
19	0	7	3	2	0
20	0	8	3	2	0
21	0	9	2	2	0
22	0	8	3	2	0
23	0	10	6	3	0
24	0	9	9	3	0
25	8	10	7	1	0
26	19	9	6	0	0
27	14	9	6	0	0
28	9	4	9	0	0
29	4	2	13	0	0
30	6	0	12	4	0
31	6	--	14	4	--
Mean	2	7	6	2	3
Max.	19	12	14	12	16
Min.	0	0	0	0	0
A.F.	130	400	380	140	180
Water returned	1230 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	19	17	10	1
2	0	15	14	15	1
3	0	14	10	16	1
4	0	13	9	16	4
5	0	12	4	13	8
6	0	18	0	18	14
7	0	16	2	16	7
8	0	6	3	3	8
9	0	5	5	1	9
10	0	5	4	1	7
11	0	10	4	2	7
12	0	12	10	4	10
13	0	11	9	8	1
14	0	8	5	8	2
15	0	18	3	11	1
16	0	14	2	16	0
17	0	13	10	18	0
18	0	8	5	15	0
19	0	5	2	18	0
20	0	6	1	13	0
21	0	5	2	11	0
22	0	6	1	12	0
23	0	8	4	11	0
24	0	8	5	11	0
25	0	1	9	7	0
26	0	0	12	5	0
27	0	0	17	3	0
28	0	0	17	2	0
29	0	0	18	5	0
30	2	16	19	7	0
31	9	--	13	4	--
Mean	1	9	8	10	3
Max.	9	19	19	18	14
Min.	0	0	0	1	0
A.F.	20	540	470	600	160
Water returned	1790 A.F.				

DAILY DIVERSIONS OF CANALS--1962

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.	Date	May	June	July	Aug.	Sept.
1	0	14	11	18	0	1	0	5	2	14	1
2	0	7	14	10	2	2	0	2	4	12	2
3	0	3	15	3	2	3	0	2	3	20	5
4	0	4	18	8	3	4	0	3	4	20	12
5	0	8	17	6	13	5	0	4	5	16	20
6	0	8	6	8	12	6	0	1	1	19	21
7	0	8	0	6	9	7	0	3	1	23	22
8	0	11	0	3	14	8	0	3	4	18	18
9	0	11	0	0	16	9	0	2	0	12	13
10	0	10	9	0	17	10	0	2	8	6	16
11	0	11	5	1	19	11	0	2	13	5	14
12	0	13	4	2	22	12	0	4	7	4	20
13	0	12	5	13	6	13	0	4	7	7	8
14	0	16	5	19	2	14	0	5	5	10	3
15	0	3	1	19	0	15	0	8	1	10	1
16	0	11	6	19	0	16	0	9	0	11	0
17	0	13	4	18	0	17	0	9	0	15	0
18	0	14	5	17	0	18	0	7	3	16	0
19	0	17	7	18	0	19	2	5	4	22	0
20	0	19	6	19	0	20	9	6	6	24	0
21	0	18	7	19	0	21	10	4	6	27	0
22	0	17	11	21	0	22	10	2	5	29	0
23	0	15	23	16	0	23	9	2	14	25	0
24	0	15	24	13	0	24	2	2	22	18	0
25	0	16	25	10	0	25	0	2	29	20	0
26	5	16	27	7	0	26	0	2	33	9	0
27	14	15	27	3	0	27	0	2	31	3	0
28	1	15	23	6	0	28	0	2	16	2	0
29	0	13	22	1	0	29	0	2	1	1	0
30	0	10	20	0	0	30	0	2	9	0	0
31	8	--	18	0	--	31	5	--	15	1	--
Mean	1	12	12	10	5	Mean	2	4	8	14	6
Max.	14	19	27	21	22	Max.	10	9	33	29	22
Min.	0	3	0	0	0	Min.	0	1	0	0	0
A.F.	60	720	720	600	270	A.F.	90	210	520	830	350
Water returned						Water returned					
	2370 A.F.						2000 A.F.				

DAILY DIVERSIONS OF CANALS--1961

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1961

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	380	880	2200	2390	700	6550
Canal No. 2.....	110	1190	2700	2700	820	7520
Canal No. 3.....	510	2010	3810	3860	1220	11410
Canal No. 4.....	910	1550	4160	4880	1510	13010
Total diversion.....	1910	5630	12870	13830	4250	38490
Returned through spillways:						
Canal No. 1.....	130	400	380	140	180	1230
Canal No. 2.....	20	540	470	600	160	1790
Canal No. 3.....	60	720	720	600	270	2370
Canal No. 4.....	90	210	520	830	350	2000
Total returned.....	300	1870	2090	2170	960	7390
Net diverted.....	1610	3760	10780	11660	3290	31100

DAILY DIVERSIONS OF CANALS--1961

DAILY DIVERSIONS OF CANALS--1961

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

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.	
1	20	7	0	6	0	21	0	
2	24	6	0	4	0	26	0	
3	28	8	0	4	0	19	0	
4	28	8	0	4	0	15	0	
5	26	8	0	3	0	8	0	
6	25	8	0	4	0	4	0	
7	24	8	0	4	0	3	0	
8	26	8	0	4	0	11	0	
9	26	5	0	2	0	6	0	
10	26	0	0	2	1	0	0	
11	26	0	0	3	2	0	0	
12	22	0	0	3	2	0	0	
13	19	0	0	3	1	0	0	
14	21	0	0	3	1	0	0	
15	20	0	0	3	0	0	26	
16	19	0	0	3	0	0	27	
17	18	0	0	3	0	0	25	
18	16	0	0	5	0	0	23	
19	15	0	4	5	0	0	29	
20	14	0	6	5	0	0	26	
21	13	0	8	2	0	0	25	
22	12	0	14	0	0	0	26	
23	9	0	3	6	0	0	25	
24	8	0	7	11	0	0	21	
25	8	0	7	3	0	0	20	
26	8	0	6	0	0	0	20	
27	7	0	6	0	0	0	20	
28	7	0	6	0	0	0	20	
29	7	0	5	0	0	0	21	
30	7	0	5	0	0	0	23	
31	7	-	5	-	0	0	-	
Mean	17	2	3	3	0	4	13	
Max.	28	8	14	11	2	26	29	
Min.	7	0	0	0	0	0	0	
A.F.	1060	130	160	190	10	230	750	
Water diverted								2530 A.F.
								Acres reported
								D-789 1000
								D-791 1104
								(O.D.A-174) D-800 110
								Total 2214

Date	May	June	July	Aug.	Sept.
1	0	44	74	0	83
2	0	46	80	0	85
3	0	51	96	0	79
4	0	52	106	0	63
5	0	53	115	0	61
6	0	63	116	22	61
7	0	56	100	66	59
8	0	54	86	79	59
9	14	58	75	84	59
10	38	58	91	83	59
11	41	67	98	84	57
12	41	77	93	83	55
13	36	82	85	83	54
14	17	78	79	84	54
15	30	70	87	81	56
16	26	67	95	80	66
17	33	61	93	93	66
18	60	43	88	103	51
19	0	43	94	103	46
20	0	50	97	96	41
21	0	67	97	82	41
22	0	73	89	77	32
23	0	71	85	78	16
24	4	71	83	76	15
25	22	68	83	78	13
26	22	54	85	79	16
27	23	38	81	81	16
28	24	69	70	81	18
29	38	74	17	80	11
30	43	74	38	81	0
31	43	-	18	81	-
Mean	18	61	83	68	46
Max.	60	82	116	103	85
Min.	0	38	17	0	0
A.F.	1100	3630	5150	4160	2760
Water diverted					16800 A.F.
					Acres reported
					D-919 9440
					*Does not include optional diversion acreage.

DAILY DIVERSIONS OF CANALS--1961

DAILY DIVERSIONS OF CANALS--1961

MIRAGE FLATS CANAL from Niobrara River
Measured through 10-foot Parshall flume--Sec. 26-29-48 W

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

Date	May	June	July	Aug.	Sept.	
1	0	0	115	98	69	
2	0	0	123	102	62	
3	0	0	131	100	56	
4	0	0	131	103	50	
5	0	0	136	97	44	
6	0	0	139	96	39	
7	0	0	145	105	39	
8	0	0	141	112	39	
9	0	0	136	111	51	
10	0	0	130	109	38	
11	0	0	124	102	41	
12	0	0	113	88	39	
13	0	0	110	87	45	
14	0	0	104	94	46	
15	0	0	103	97	47	
16	0	0	102	96	46	
17	0	0	104	93	43	
18	0	0	115	77	49	
19	0	32	118	63	51	
20	0	44	105	63	47	
21	0	53	93	64	48	
22	0	61	83	67	23	
23	0	67	75	71	0	
24	0	77	76	71	0	
25	0	79	89	70	0	
26	0	93	96	75	0	
27	0	103	95	75	0	
28	0	116	100	78	0	
29	0	118	96	79	0	
30	0	110	95	75	0	
31	0	---	90	75	-	
Mean	0	32	110	87	24	
Max.	0	118	145	112	69	
Min.	0	0	75	63	0	
A.F.	0	1890	3770	5040	2010	
Water diverted						16910 A.F.
						Acres reported
						A-2083 9607
						A-3729 2152
						Total 11759

Date	Oct.	May	June	July	Aug.	Sept.
1	189	0	0	160	40	76
2	185	0	0	167	45	72
3	184	0	0	124	47	59
4	173	0	0	110	45	56
5	173	0	0	115	52	53
6	206	0	0	133	55	0
7	218	0	0	112	104	0
8	218	0	0	92	64	0
9	215	117	0	97	61	0
10	211	148	0	88	79	0
11	53	142	0	81	82	0
12	0	141	117	16	78	0
13	0	128	159	15	74	0
14	0	59	141	20	79	0
15	0	86	137	23	79	0
16	0	119	141	13	76	0
17	0	113	141	15	76	0
18	0	65	136	35	78	0
19	0	0	141	60	78	0
20	0	0	139	69	73	0
21	0	0	136	56	78	0
22	0	0	141	62	75	0
23	0	0	154	77	81	122
24	0	0	185	76	75	190
25	0	0	197	76	73	196
26	0	0	199	76	79	196
27	0	0	196	82	77	194
28	0	0	206	76	76	192
29	0	0	209	81	70	188
30	0	0	197	91	75	184
31	0	0	---	64	74	---
Mean	65	36	102	76	71	59
Max.	218	148	209	167	104	196
Min.	0	0	0	13	40	0
A.F.	4020	2220	6090	4680	4360	3530
Water diverted						24900 A.F.
						Acres reported
						D-1052 13633
						Glendo Storage included

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	1	0	0
2	0	0	1	0	0
3	0	0	1	1	0
4	0	0	1	1	0
5	0	0	1	1	0
6	0	0	1	0	0
7	0	0	1	1	0
8	0	0	1	1	0
9	0	0	1	0	0
10	0	0	1	0	0
11	0	0	1	0	0
12	0	0	0	0	0
13	0	0	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	0	0	0	0
20	0	0	0	0	0
21	0	1	0	0	0
22	0	1	0	0	0
23	0	1	0	0	0
24	0	1	0	0	0
25	0	1	1	0	0
26	0	1	0	0	0
27	0	1	0	0	0
28	0	1	0	0	0
29	0	1	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	0	1	1	1	0
Min.	0	0	0	0	0
A.F.	0	20	20	10	0
Water diverted	50 A.F.		Acreage reported A-575 32		

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	6	4	5	5
2	0	6	1	5	4
3	0	6	0	5	4
4	0	6	0	5	4
5	0	6	0	5	4
6	0	6	0	5	4
7	0	6	0	5	4
8	0	6	0	5	4
9	0	6	0	5	4
10	0	6	0	5	4
11	0	6	0	5	4
12	0	5	0	5	4
13	0	5	0	5	4
14	0	5	0	5	4
15	0	5	0	5	4
16	0	6	0	5	4
17	0	6	1	5	4
18	0	5	4	5	4
19	0	6	4	5	4
20	0	6	5	5	4
21	0	6	5	5	4
22	0	5	5	5	5
23	0	5	5	5	4
24	0	5	5	5	5
25	0	5	5	5	5
26	0	5	5	5	5
27	0	5	6	5	5
28	0	5	6	5	5
29	2	4	6	5	5
30	6	4	6	5	5
31	6	-	5	5	-
Mean	0	5	3	5	4
Max.	6	6	6	5	5
Min.	0	4	0	5	4
A.F.	30	320	150	310	260
Water diverted	1070 A.F.		Acreage reported A- 88 400 A-2245 0 Total 400		

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	11	34	20
2	0	0	11	33	18
3	0	0	11	33	16
4	0	0	15	36	17
5	0	0	16	36	17
6	0	0	19	36	17
7	0	0	23	32	15
8	0	0	24	30	13
9	0	0	26	30	13
10	0	0	28	30	13
11	0	0	27	30	13
12	0	0	22	28	6
13	0	0	19	27	0
14	0	0	15	27	0
15	0	0	16	27	0
16	0	0	17	27	0
17	0	0	22	27	0
18	0	0	28	26	0
19	0	0	34	23	0
20	0	0	33	21	0
21	0	0	32	21	0
22	0	0	33	20	0
23	0	0	33	15	0
24	0	0	33	14	0
25	0	0	33	13	0
26	0	0	33	10	0
27	0	0	32	10	0
28	0	0	31	12	0
29	0	4	27	17	0
30	0	8	27	20	0
31	0	-	31	20	-
Mean	0	0	25	25	6
Max.	0	8	34	36	20
Min.	0	0	11	10	0
A.F.	0	20	1510	1510	350
Water diverted	3390 A.F.		Acreage reported A-4217 1358 A-6220 81 A-9463 87 A-9722 11 Total 1537		
Supplemental storage included					

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	47	11	15	0	0	2	45
2	51	11	33	0	0	1	42
3	49	10	39	0	0	1	36
4	49	10	40	0	0	1	35
5	48	8	41	0	0	1	30
6	48	0	41	0	0	1	26
7	47	0	53	0	0	12	23
8	46	0	65	0	16	34	23
9	48	0	67	0	37	33	23
10	46	0	61	0	36	33	23
11	43	0	42	6	35	32	24
12	47	0	72	20	35	31	23
13	48	0	106	46	35	29	24
14	48	0	82	54	43	30	24
15	36	0	68	45	65	31	24
16	18	0	101	40	68	30	24
17	16	0	77	35	61	28	24
18	16	0	47	54	64	26	24
19	16	0	47	62	50	25	24
20	15	0	22	54	35	24	33
21	16	0	9	63	40	26	52
22	15	0	0	75	51	27	57
23	15	0	0	77	40	28	58
24	15	0	0	24	39	27	65
25	16	0	0	19	38	28	51
26	16	0	0	23	37	32	59
27	16	0	0	6	37	37	57
28	16	0	0	0	29	38	43
29	15	0	0	0	19	42	6
30	13	0	0	0	17	46	0
31	12	-	0	-	6	45	-
Mean	31	2	36	23	30	25	33
Max.	51	11	106	77	68	46	65
Min.	12	0	0	0	0	1	0
A.F.	1880	100	2240	1390	1850	1550	1990
Water diverted	*11000 A.F.		Acreage reported D-925 5618				
*Canal diversion from Nine Mile Drain not included							

DAILY DIVERSIONS OF CANALS--1961

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	63	184	75
2	0	28	59	190	64
3	0	60	64	186	74
4	0	58	67	197	71
5	0	58	67	191	78
6	0	50	72	193	74
7	0	49	79	193	76
8	0	47	76	188	98
9	0	49	88	195	87
10	0	55	102	193	107
11	0	53	118	192	107
12	0	54	120	184	48
13	0	54	132	165	12
14	0	61	150	158	27
15	0	51	166	140	26
16	47	43	173	137	28
17	81	44	183	142	38
18	49	43	196	140	44
19	49	40	193	99	55
20	48	44	193	99	42
21	51	42	194	84	2
22	58	41	194	63	23
23	48	44	194	64	26
24	42	44	193	67	26
25	47	44	195	64	21
26	56	42	181	75	20
27	60	42	194	57	29
28	58	46	181	61	24
29	61	50	184	74	26
30	61	58	181	78	26
31	0	--	185	84	--
Mean	26	46	143	133	48
Max.	81	61	196	197	107
Min.	0	0	59	57	2
A.F.	1620	2760	8800	8210	2880
Water diverted	24270 A.F.				
					Acreage reported
					A-2155 136
					A-2312 12540
					A-2417 183
					A-3215a 811
					A-3980a 1148
					A-4400 29
					A-6430 54
					Total 14901

DAILY DIVERSIONS OF CANALS--1961

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	6	2
13	0	0	0	3	0
14	0	0	0	0	0
15	0	0	0	0	0
16	11	0	0	0	0
17	9	0	0	0	0
18	0	0	0	4	0
19	0	0	0	1	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	10	0
31	0	--	0	0	--
Mean	1	0	0	1	0
Max.	11	0	0	10	2
Min.	0	0	0	0	0
A.F.	40	0	0	50	0
Water returned	90 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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	1
5	0	0	0	0	1
6	0	0	0	0	11
7	0	0	0	0	6
8	0	0	0	0	9
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	2	3
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	9	0	0	0	0
18	6	0	0	3	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
Max.	9	0	0	3	11
Min.	0	0	0	0	0
A.F.	30	0	0	10	60
Water returned	100 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	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	3
13	0	0	0	2	0
14	0	0	0	1	0
15	0	0	0	2	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	1	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	2	3
Min.	0	0	0	0	0
A.F.	0	0	0	10	10
Water returned	20 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	2	6	3	1
2	0	0	6	3	0
3	0	0	5	3	0
4	0	2	5	3	0
5	0	5	5	3	0
6	0	5	5	3	0
7	0	4	5	3	0
8	0	4	5	3	0
9	0	4	3	3	5
10	0	4	3	4	6
11	0	5	4	4	7
12	0	5	4	4	6
13	0	4	4	4	6
14	0	4	4	4	0
15	0	4	3	4	3
16	0	4	4	4	4
17	0	4	4	4	3
18	0	4	4	4	3
19	1	5	3	4	4
20	3	5	3	4	3
21	4	5	3	4	3
22	3	5	3	4	1
23	3	5	3	4	0
24	3	5	3	4	0
25	3	5	3	4	1
26	3	5	3	4	3
27	3	6	3	4	2
28	3	6	3	4	2
29	3	6	3	4	3
30	3	6	3	3	3
31	3	-	4	2	-
Mean	1	-	4	4	2
Max.	4	6	6	4	7
Min.	0	0	3	2	0
A.F.	70	250	240	220	140
Water returned					
	920 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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	15	0
2	0	0	14	16	0
3	0	0	11	16	0
4	0	3	12	16	0
5	0	13	13	17	0
6	0	10	10	18	0
7	0	4	12	16	0
8	0	3	11	13	0
9	0	1	11	12	14
10	0	2	11	12	12
11	0	6	9	13	17
12	0	7	7	16	17
13	0	7	1	18	6
14	0	9	1	18	0
15	0	11	0	16	0
16	0	10	2	13	0
17	0	8	3	12	0
18	9	8	1	17	0
19	16	8	4	19	2
20	11	8	3	17	9
21	13	9	3	21	8
22	15	13	4	17	0
23	13	14	4	5	0
24	5	13	4	7	0
25	1	12	4	11	0
26	2	12	5	10	0
27	4	10	4	13	0
28	2	10	8	4	1
29	1	10	10	2	1
30	1	9	12	2	2
31	8	-	3	2	-
Mean	3	8	7	13	3
Max.	16	14	14	21	17
Min.	0	0	0	2	0
A.F.	200	460	430	800	180
Water returned					
	2070 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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	0	49	77	44
2	0	0	57	76	40
3	0	30	53	78	32
4	0	51	57	86	33
5	0	45	56	92	32
6	0	38	59	88	32
7	0	34	72	85	31
8	0	32	57	88	28
9	0	31	63	102	25
10	0	32	76	100	27
11	0	30	108	105	28
12	0	29	111	109	15
13	0	29	119	99	0
14	0	26	121	104	17
15	0	33	122	84	21
16	60	32	117	78	20
17	53	30	117	83	14
18	38	27	124	84	14
19	38	25	120	65	14
20	37	25	123	56	9
21	38	22	125	51	0
22	41	21	117	39	0
23	46	21	106	38	0
24	46	21	115	44	0
25	60	19	114	43	0
26	70	18	119	43	0
27	58	22	119	34	0
28	58	34	98	28	0
29	55	36	73	30	0
30	41	43	70	42	0
31	0	-	77	44	-
Mean	24	28	94	70	16
Max.	70	51	125	109	44
Min.	0	0	49	28	0
A.F.	1470	1660	5780	4310	940
Water diverted					
	14160 A.F.				
				Acres Reported	
				A-231E	5683
				A-3215b	981
				A-3772	75
				A-3828	39
				A-3980b	1175
				A-5133	50
				A-6943	16
				Total	8019

DAILY DIVERSIONS OF CANALS--1961

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	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	4	0	0	0	0
31	4	-	0	0	-
Mean	0	0	0	0	0
Max.	4	0	0	0	0
Min.	0	0	0	0	0
A.F.	20	0	0	0	0
Water returned					
	20 A.F.				

DAILY DIVERSIONS OF CANALS--1961

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 BURWELL-SUMTER SPILLWAY AT 11.92 returned to North Loup River
 Measured through 8-foot weir--Sec. 3-19-14 W.

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

DAILY DIVERSIONS OF CANALS--1961

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	1	4	12	15
2	0	0	5	12	15
3	0	0	7	12	14
4	0	0	7	12	9
5	0	8	8	12	8
6	0	9	7	13	9
7	0	7	7	13	10
8	0	6	8	9	10
9	0	6	5	5	9
10	0	6	6	5	7
11	0	8	2	4	9
12	0	7	2	6	11
13	0	7	4	11	8
14	0	8	5	10	2
15	0	8	4	10	8
16	0	11	4	8	10
17	2	11	3	6	9
18	6	10	2	9	4
19	6	8	3	11	4
20	6	7	3	13	5
21	4	9	4	14	7
22	5	8	6	14	5
23	3	7	5	10	3
24	3	6	5	9	1
25	2	4	6	15	0
26	4	4	6	15	0
27	9	2	7	15	0
28	6	3	11	11	0
29	4	4	13	6	0
30	4	3	13	8	0
31	9	-	12	14	-
Mean	2	6	6	10	6
Max.	9	11	13	15	15
Min.	0	0	2	4	0
A.F.	150	350	360	640	370
Water returned	1870 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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	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	6	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	2	0
21	0	0	0	0	0
22	0	0	0	2	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	2	0
27	0	0	0	3	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	3	2
Min.	0	0	0	0	0
A.F.	0	0	0	20	10
Water returned	30 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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	4	33	54	42
2	0	26	29	54	42
3	0	46	29	55	41
4	0	39	31	58	42
5	0	34	35	62	39
6	0	33	41	68	29
7	0	33	52	74	32
8	0	32	64	85	30
9	0	32	68	87	29
10	0	33	76	84	27
11	0	32	90	86	23
12	0	31	101	86	8
13	0	31	101	83	0
14	0	30	98	82	11
15	0	26	99	71	21
16	46	27	97	63	21
17	35	27	97	64	19
18	30	25	97	60	19
19	28	25	95	46	19
20	27	23	95	48	7
21	27	19	93	48	0
22	28	20	93	45	0
23	31	20	91	45	0
24	32	20	91	47	0
25	40	20	91	46	0
26	44	20	91	44	0
27	42	23	96	39	0
28	43	25	64	39	0
29	43	27	54	39	0
30	46	28	56	43	0
31	8	-	55	43	-
Mean	18	27	74	60	17
Max.	46	46	101	87	42
Min.	0	4	29	39	0
A.F.	1090	1610	4570	3670	950
Water diverted	11930 A.F.				
Acreage reported					
A-2312	5745				
A-3215c	299				
A-3980c	513				
Total	6557				

DAILY DIVERSIONS OF CANALS--1961

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--1961

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	4	0	0	0
5	0	1	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	13	0	0	0	0
17	6	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	1	0	0	0	0
Max.	13	4	0	0	0
Min.	0	0	0	0	0
A.F.	40	10	0	0	0
Water returned	50 A.F.				

DAILY DIVERSIONS OF CANALS--1961

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	6	9	10
2	0	0	6	9	10
3	0	6	7	8	11
4	0	11	7	5	11
5	0	5	5	4	12
6	0	6	5	6	10
7	0	6	6	6	10
8	0	6	6	5	9
9	0	6	7	7	9
10	0	7	8	8	10
11	0	8	8	9	11
12	0	8	9	9	11
13	0	8	9	11	5
14	0	9	8	12	2
15	0	9	9	11	2
16	0	8	9	10	12
17	3	10	8	11	10
18	6	9	7	12	9
19	6	9	7	7	9
20	6	11	6	6	9
21	4	10	6	9	5
22	3	12	6	9	3
23	1	12	7	9	1
24	1	11	5	8	1
25	0	11	4	8	1
26	1	6	4	9	0
27	2	6	6	10	0
28	2	7	7	6	0
29	1	7	6	6	0
30	2	6	8	7	0
31	3	-	8	9	-
Mean	1	8	7	8	6
Max.	6	12	9	12	12
Min.	0	0	4	4	0
A.F.	80	450	420	510	380
Water returned	1840 A.F.				

DAILY DIVERSIONS OF CANALS--1961

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1961

	May	June	July	Aug.	Sept.	Total
Diversions:						
Taylor-Ord.....	1620	2760	8800	8210	2880	24270
Burwell-Sumter....	1470	1660	5780	4310	940	14160
Ord-North Loup....	1090	1610	4570	3670	990	11930
Total diversion.....	4180	6030	19150	16190	4810	50360
Returned through spillways:						
Taylor-Ord.....	340	710	670	1090	390	3200
Burwell-Sumter....	210	400	380	660	380	2030
Ord-North Loup....	120	460	420	510	380	1890
Total returned.....	670	1570	1470	2260	1150	7120
Net diverted.....	3510	4460	17680	13930	3660	43240

DAILY DIVERSIONS OF CANALS--1961

NORTH PLATTE CANAL from North Platte River
Measured through 15-foot Parshall flume--Sec. 12-14-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	65	0	51	148	243	219
2	67	0	46	182	244	198
3	69	0	53	207	250	225
4	73	0	73	206	257	218
5	77	0	90	200	255	216
6	80	0	90	204	255	219
7	80	0	66	208	250	214
8	74	0	75	211	249	198
9	67	0	84	208	225	191
10	63	1	73	211	223	192
11	64	15	65	221	225	183
12	71	21	59	221	223	167
13	90	29	77	210	208	156
14	122	37	125	207	194	159
15	164	33	113	221	173	164
16	104	19	103	221	203	160
17	50	28	123	222	210	140
18	46	28	108	230	213	126
19	6	30	115	253	185	125
20	7	34	128	253	162	134
21	6	64	117	252	152	131
22	6	45	122	252	159	128
23	5	40	142	238	167	129
24	5	18	140	239	174	129
25	5	30	159	246	173	114
26	2	27	178	241	179	92
27	0	45	175	247	186	52
28	0	43	168	250	207	45
29	0	39	159	223	244	36
30	0	47	136	223	225	26
31	0	50	---	235	230	---
Mean	47	23	107	222	211	149
Max.	164	64	178	253	257	225
Min.	0	0	46	148	152	26
A.F.	2910	1430	6370	13670	12980	9860

Water diverted
42640 A.F.
Kingsley storage included

Acreage reported
D-635 14067

DAILY DIVERSIONS OF CANALS--1961

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	62	0	120	0
2	0	53	88	89	0
3	0	43	0	44	0
4	0	64	0	82	0
5	0	89	96	98	23
6	0	116	197	111	29
7	0	121	241	131	12
8	0	127	208	142	0
9	0	139	201	141	0
10	0	150	206	171	0
11	0	147	214	187	0
12	0	149	185	199	0
13	0	146	190	202	0
14	0	86	212	172	11
15	0	83	188	166	0
16	0	69	136	167	0
17	0	25	153	146	0
18	0	25	196	152	0
19	0	15	203	143	0
20	0	4	156	141	13
21	0	0	171	142	36
22	0	0	218	101	11
23	0	0	226	116	29
24	0	0	218	154	12
25	0	0	211	149	29
26	3	0	205	161	102
27	20	0	220	160	174
28	39	0	195	149	96
29	47	0	161	63	109
30	66	0	183	53	0
31	70	-	133	17	-
Mean	8	57	168	131	23
Max.	70	150	241	202	174
Min.	0	0	0	17	0
A.F.	490	3400	10340	8070	1360

Water diverted
23660 A.F.
Pathfinder Storage included

DAILY DIVERSIONS OF CANALS--1961

NORTHPORT CANAL from Drains
entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	76	36	109	143
2	0	83	72	144	71
3	0	87	76	135	67
4	0	87	76	128	148
5	0	81	78	128	156
6	0	41	75	127	157
7	0	22	82	122	165
8	0	21	89	126	151
9	0	21	89	129	153
10	0	21	91	130	150
11	0	21	93	131	143
12	0	21	98	131	137
13	0	21	106	132	151
14	0	20	104	131	162
15	0	20	103	125	146
16	0	44	102	123	143
17	0	76	102	128	156
18	0	75	104	132	156
19	0	72	103	134	160
20	0	70	107	138	160
21	0	51	108	141	162
22	0	21	108	140	168
23	0	7	108	140	135
24	0	0	105	137	125
25	54	0	103	141	122
26	87	0	105	145	65
27	86	0	106	146	30
28	84	0	125	141	30
29	84	0	145	141	32
30	78	0	163	141	14
31	78	-	65	146	-
Mean	18	35	98	134	125
Max.	87	87	163	146	168
Min.	0	0	36	109	14
A.F.	1090	2100	6000	8270	7450
Water diverted	24860 A.F.				

DAILY DIVERSIONS OF CANALS--1961

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet--1961

Section Township Range	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River 10-23-58	490	3400	10340	8070	1360	23660
*Sheep Creek 17-23-57	1490	2140	3190	4540	4460	15820
*Akers Draw 12-23-57	580	570	640	640	660	3090
*Tub Springs 27-23-55	0	170	1020	1260	950	3400
*Spotted Tail, Dry 9-23-56	0	30	750	1060	860	2700
*Spotted Tail, Wet 10-23-56	560	580	480	700	1180	3500
*Hoffat Drain 25-22-53	0	0	0	0	0	0
*Alliance Drain 18-22-53	0	0	0	0	0	0
Total diversion	3120	6890	16420	16270	9470	52170
Water diverted	52170 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--1961

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

Date	May	June	July	Aug.	Sept.
1	0	16	16	61	0
2	0	15	18	61	0
3	6	15	17	65	0
4	13	17	16	51	4
5	12	15	16	56	17
6	11	11	16	58	15
7	11	10	15	57	14
8	11	10	28	53	15
9	10	10	38	45	17
10	10	8	43	34	20
11	10	3	53	31	18
12	10	9	61	29	18
13	13	17	59	11	15
14	13	13	64	13	14
15	14	11	58	8	20
16	13	18	56	0	13
17	15	15	59	0	0
18	16	13	60	0	0
19	13	16	62	0	0
20	6	19	58	0	0
21	6	14	56	0	0
22	2	14	51	0	0
23	4	9	38	0	0
24	13	13	45	0	0
25	14	17	46	0	0
26	13	16	48	0	0
27	13	18	45	0	0
28	14	17	42	0	0
29	14	19	39	0	0
30	14	16	45	0	0
31	14	—	59	0	—
Mean	11	14	43	20	7
Max.	16	19	64	65	20
Min.	0	3	15	0	0
A.F.	650	820	2630	1260	400
Water diverted	5760 A.F.			Acres reported D-627	5980

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	14	9	5	0	0	2	0
2	17	8	4	0	0	3	0
3	15	8	3	0	0	4	0
4	14	8	6	0	0	2	0
5	12	9	8	0	0	3	0
6	11	7	6	0	0	4	0
7	11	8	5	0	0	1	1
8	11	7	4	0	0	6	1
9	13	7	3	0	0	3	0
10	16	5	3	0	0	0	0
11	17	5	2	0	0	0	0
12	17	5	2	3	0	0	0
13	15	5	2	4	0	0	0
14	10	6	10	3	0	0	0
15	11	6	14	4	0	0	0
16	11	6	9	4	0	0	8
17	11	6	8	3	0	0	13
18	11	6	6	1	0	0	12
19	10	3	5	0	0	0	13
20	10	0	5	0	0	0	13
21	10	0	5	0	0	0	12
22	10	0	2	0	0	0	12
23	9	0	1	0	0	0	9
24	9	0	1	0	0	0	6
25	9	0	0	0	0	0	6
26	8	0	0	0	0	0	6
27	8	0	0	0	0	0	6
28	8	0	0	0	0	0	6
29	8	0	0	0	0	0	6
30	11	0	0	0	0	0	6
31	11	—	0	—	1	0	7
Mean	12	4	4	1	0	1	5
Max.	17	9	14	4	1	6	13
Min.	8	0	0	0	0	0	0
A.F.	710	250	240	40	0	60	270
Water diverted	1570 A.F.				Acres reported D-797	1743	

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	3	6	6	10
2	0	5	7	7	5
3	0	0	8	7	11
4	0	0	5	7	10
5	0	0	5	7	10
6	0	5	6	7	12
7	0	0	5	7	12
8	0	0	5	7	9
9	0	0	7	7	9
10	0	0	5	9	9
11	0	0	6	8	8
12	0	0	6	7	8
13	0	0	8	15	7
14	0	0	9	8	8
15	0	0	8	11	9
16	0	0	9	11	8
17	0	0	8	11	9
18	0	0	8	10	9
19	0	0	9	9	9
20	0	0	9	8	7
21	0	0	8	8	9
22	0	0	9	6	0
23	0	0	9	6	0
24	0	4	8	6	0
25	0	4	9	6	0
26	0	4	11	6	0
27	0	4	6	5	0
28	0	4	8	6	0
29	0	5	8	10	0
30	0	6	5	3	0
31	3	—	7	6	—
Mean	0	1	7	8	6
Max.	3	6	11	15	12
Min.	0	0	5	3	0
A.F.	10	90	450	470	370
Water diverted	1390 A.F.			Acres reported D-347R	83
				A-725	689
				Total	772

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	17	0	22	8	13	4	0
2	17	0	23	7	10	4	0
3	18	0	24	7	10	13	0
4	18	0	25	8	8	14	0
5	18	4	24	7	3	12	0
6	18	13	22	6	4	12	0
7	19	16	20	7	6	0	0
8	19	10	20	5	6	0	0
9	19	6	20	6	2	0	0
10	19	6	19	5	4	0	0
11	19	8	18	5	5	0	0
12	19	8	14	5	6	0	0
13	20	7	18	3	6	0	0
14	20	7	11	14	4	0	0
15	21	6	0	18	4	0	13
16	20	6	0	14	4	0	13
17	19	7	0	14	3	0	12
18	19	7	0	14	5	0	13
19	19	8	0	18	5	0	14
20	19	11	0	22	5	0	16
21	19	14	0	23	4	0	14
22	16	11	0	13	1	0	16
23	8	16	0	10	1	0	17
24	11	12	0	9	3	0	14
25	12	18	0	0	0	0	14
26	12	19	0	0	0	0	13
27	13	20	0	0	0	0	14
28	15	20	0	7	2	0	16
29	12	21	0	12	5	0	19
30	5	21	4	11	0	0	26
31	0	—	6	—	0	0	—
Mean	16	10	9	9	4	2	8
Max.	21	21	25	23	13	14	26
Min.	0	0	0	0	0	0	0
A.F.	990	600	580	550	260	120	480
Water diverted	3580 A.F.				Acres reported D-800	815	
					A-515	95	
					A-1738	176	
					Total	1086	
					Crescent Lake Storage included		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	23	0	19	11	79	22
2	25	0	25	12	98	0
3	28	0	41	6	103	0
4	26	0	27	0	102	0
5	21	0	0	0	101	0
6	21	0	26	0	101	0
7	21	0	33	0	103	7
8	19	0	5	0	104	46
9	17	0	5	0	104	71
10	15	0	11	0	104	71
11	16	0	10	0	105	74
12	17	0	9	0	72	81
13	22	0	9	30	48	71
14	63	0	15	64	43	64
15	60	0	51	76	42	57
16	57	0	50	90	39	38
17	38	0	48	96	41	45
18	32	0	48	91	32	54
19	19	0	46	79	48	64
20	0	0	53	78	45	44
21	0	0	53	74	47	22
22	0	0	42	72	56	28
23	0	0	39	71	64	32
24	0	0	54	75	63	28
25	0	0	60	75	67	28
26	0	0	65	76	56	27
27	0	0	58	74	60	9
28	0	0	19	72	38	0
29	0	0	14	75	40	0
30	0	0	12	74	47	0
31	0	0	--	72	26	--
Mean	17	0	32	47	67	33
Max.	53	0	65	96	105	81
Min.	0	0	0	0	26	0
A.F.	1070	0	1880	2860	4120	1950
Water diverted					Acreage reported	
	11880 A.F.				D-635	7358
Kingsley storage included						

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	9	6	0	5
2	7	0	9	6	0	5
3	7	0	9	6	0	5
4	8	0	9	6	0	6
5	8	0	9	6	0	6
6	8	0	9	6	0	6
7	8	0	9	6	0	6
8	7	0	8	6	1	6
9	7	0	8	6	4	6
10	7	0	8	6	4	5
11	7	0	7	7	5	5
12	6	0	7	8	6	5
13	6	0	7	7	6	6
14	6	2	7	5	6	6
15	6	3	8	5	7	6
16	6	2	8	5	7	6
17	2	0	7	6	6	6
18	0	0	6	6	6	6
19	0	0	5	5	6	6
20	0	0	5	5	6	6
21	0	0	5	5	6	6
22	0	0	7	5	7	7
23	0	0	7	5	7	6
24	0	0	6	5	6	6
25	0	0	6	5	6	6
26	0	0	7	5	6	6
27	0	2	6	5	6	6
28	0	6	6	6	6	6
29	0	8	6	8	6	6
30	0	10	6	0	4	6
31	0	10	--	0	5	--
Mean	4	1	7	5	4	6
Max.	8	10	9	8	7	7
Min.	0	0	5	0	0	5
A.F.	220	80	430	330	270	350
Water diverted					Acreage reported	
	1680 A.F.				D-442a	605
					A-3812	55
					A-4599	15
					Total	675

DAILY DIVERSIONS OF CANALS--1961

POTWESIL CANAL from Niobrara River--Measured
through 3-foot Parshall flume--Sec. 26-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	10	8	9	9
2	0	10	8	9	9
3	0	10	8	9	8
4	0	10	7	9	0
5	0	10	7	10	0
6	0	9	7	9	0
7	0	8	7	9	0
8	0	8	7	9	0
9	0	8	7	8	0
10	0	8	7	8	0
11	2	8	7	8	0
12	10	7	7	8	0
13	10	8	7	8	0
14	3	9	8	7	0
15	0	9	8	6	0
16	0	9	8	6	0
17	0	9	8	7	0
18	0	8	8	7	0
19	0	9	7	8	0
20	0	7	8	8	7
21	0	8	10	7	7
22	0	8	10	7	2
23	0	8	10	7	0
24	0	8	10	7	0
25	0	8	9	2	0
26	0	8	10	0	0
27	0	8	7	0	0
28	0	7	0	5	0
29	5	7	0	8	0
30	9	7	0	8	0
31	10	--	5	8	--
Mean	2	8	7	7	1
Max.	10	10	10	10	9
Min.	0	7	0	0	0
A.F.	100	500	440	440	80
Water diverted				Acreage reported	
	1560 A.F.			A-2566	473

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	11	12	20
2	0	0	7	20	20
3	0	0	4	15	20
4	0	0	3	12	19
5	0	0	3	10	18
6	0	0	3	9	18
7	0	0	2	10	13
8	0	0	12	10	12
9	0	0	20	42	3
10	0	0	21	27	10
11	0	0	21	14	7
12	0	0	18	14	8
13	0	0	18	16	8
14	0	0	18	18	8
15	0	0	17	19	7
16	0	6	16	17	7
17	0	18	17	22	7
18	0	18	12	22	7
19	0	19	10	22	8
20	0	19	11	21	8
21	0	21	24	20	8
22	0	22	12	19	8
23	0	22	7	17	9
24	0	21	11	15	8
25	0	21	16	16	8
26	0	21	18	16	8
27	0	18	19	16	5
28	0	13	17	17	3
29	0	5	34	19	4
30	0	10	29	19	3
31	0	--	24	20	--
Mean	0	8	15	18	10
Max.	0	22	34	42	20
Min.	0	0	2	9	3
A.F.	0	510	900	1080	580
Water diverted				Acreage reported	
	3070 A.F.			D-945	1580

DAILY DIVERSIONS OF CANALS--1961

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

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

Water diverted 270 A.F.

Acreage reported	
D- 345R	135
D- 350	51
A- 718R	48
A-182B	14
Total	248

DAILY DIVERSIONS OF CANALS--1961

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

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

Water diverted 410 A.F.

Acreage reported	
D- 350R	22
A- 727	35
A- 857	92
A- 869	44
A-530J	25
Total	218

DAILY DIVERSIONS OF CANALS--1961

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	19	0	0	51	104	126
2	17	0	0	53	100	125
3	17	0	0	55	105	121
4	16	0	0	55	115	119
5	15	0	0	61	115	108
6	9	0	0	73	136	99
7	0	0	0	77	156	90
8	0	0	0	77	173	89
9	0	0	0	83	180	88
10	0	0	0	107	175	89
11	0	0	0	129	163	90
12	0	0	0	149	161	86
13	0	0	18	165	149	76
14	0	0	12	181	137	61
15	0	0	5	185	134	46
16	0	0	19	190	126	43
17	0	0	46	191	119	43
18	0	0	43	193	107	43
19	0	0	38	194	100	43
20	0	0	47	194	100	43
21	0	0	58	193	92	36
22	0	0	48	194	85	34
23	0	0	37	196	85	35
24	0	0	37	189	93	35
25	0	0	43	195	101	33
26	0	0	43	188	103	28
27	0	0	43	174	116	28
28	0	0	48	152	121	28
29	0	0	49	125	123	28
30	0	0	49	118	126	28
31	0	0	--	107	125	--
Mean	3	0	23	139	123	65
Max.	19	0	58	196	180	126
Min.	0	0	0	51	85	28
A.F.	180	0	1350	8520	7590	3650

Water diverted 21490 A.F.

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	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.

DAILY DIVERSIONS OF CANALS--1961

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

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	8	4
2	0	0	0	1	8	5
3	0	0	0	0	7	4
4	0	0	0	0	7	7
5	0	0	0	0	6	12
6	0	0	0	1	9	12
7	0	0	0	2	4	7
8	0	0	0	2	8	7
9	0	0	0	2	8	3
10	0	0	0	5	0	3
11	0	0	0	7	0	3
12	0	0	0	6	4	5
13	0	0	0	1	3	7
14	0	0	0	0	2	9
15	0	0	0	0	2	5
16	0	0	0	0	0	2
17	0	0	0	1	0	0
18	0	0	7	4	0	0
19	0	0	5	3	4	3
20	0	0	0	2	2	8
21	0	0	0	2	3	9
22	0	0	1	3	6	5
23	0	0	0	0	9	4
24	0	0	0	5	5	5
25	0	0	0	4	5	7
26	0	0	0	6	4	8
27	0	0	0	4	10	6
28	0	0	1	13	9	5
29	0	0	3	18	10	5
30	0	0	1	14	9	3
31	0	0	-	7	6	-
Mean	0	0	1	4	5	6
Max.	0	0	7	18	10	12
Min.	0	0	0	0	0	0
A.F.	0	0	40	230	280	340
Water returned	890 A.F.					

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	0	0	5	0
2	3	0	0	0	4	0
3	3	0	0	0	2	0
4	3	0	0	0	2	1
5	3	0	0	0	1	4
6	3	0	0	0	1	4
7	2	0	0	0	3	1
8	0	0	0	1	0	0
9	0	0	0	0	0	0
10	0	0	0	0	1	0
11	0	0	0	0	1	1
12	0	0	0	0	4	2
13	0	0	0	0	2	4
14	0	0	0	0	2	4
15	0	0	0	0	2	6
16	0	0	0	0	2	5
17	0	0	0	0	3	4
18	0	0	0	0	0	4
19	0	0	0	0	2	3
20	0	0	0	0	3	4
21	0	0	0	0	4	4
22	0	0	0	0	3	4
23	0	0	0	3	1	4
24	0	0	0	2	2	4
25	0	0	0	0	2	6
26	0	0	0	0	1	3
27	0	0	0	0	1	0
28	0	0	0	6	1	0
29	0	0	0	9	0	0
30	0	0	0	5	0	0
31	0	0	-	4	0	-
Mean	1	0	0	1	2	2
Max.	3	0	0	9	5	6
Min.	0	0	0	0	0	0
A.F.	40	0	0	60	110	140
Water returned	350 A.F.					

DAILY DIVERSIONS OF CANALS--1961

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	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	1	0	1
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	1	0	0
18	0	0	0	1	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	1	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	1	0	1
Min.	0	0	0	0	0	0
A.F.	0	0	0	10	0	0
Water returned	10 A.F.					

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	0	5	2
2	0	0	0	1	5	1
3	0	0	0	1	3	3
4	0	0	0	0	2	3
5	0	0	0	0	1	5
6	0	0	0	0	2	2
7	0	0	0	3	2	0
8	2	0	0	3	2	0
9	0	0	0	3	1	0
10	0	0	0	3	2	2
11	0	0	0	4	1	2
12	0	0	0	4	2	3
13	0	0	0	3	1	4
14	0	0	0	3	1	3
15	0	0	0	4	1	4
16	0	0	0	5	0	4
17	0	0	0	3	3	4
18	0	0	0	0	6	3
19	0	0	0	1	9	1
20	0	0	0	2	5	3
21	0	0	0	2	5	4
22	0	0	0	2	2	3
23	0	0	2	2	2	2
24	0	0	0	3	3	3
25	0	0	0	3	2	4
26	0	0	0	4	3	1
27	0	0	0	4	6	0
28	0	0	0	5	2	0
29	0	0	0	5	2	1
30	0	0	0	4	3	2
31	0	0	-	5	3	-
Mean	0	0	0	3	3	2
Max.	2	0	2	5	9	5
Min.	0	0	0	0	0	0
A.F.	0	0	10	160	170	140
Water returned						
480 A.F.						

DAILY DIVERSIONS OF CANALS--1961

SUMMARY
SARGENT CANAL--A-4841a
1961 Water Year
Values in Acre-feet

	OCT.	MAY	JUNE	JULY	AUG.	SEPT.	TOTAL
DIVERSION	180	0	1350	8520	7590	3850	21490
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	0	0	40	230	280	340	890
SPILL AT MILE 26.0	40	0	0	60	110	140	350
SPILL AT MILE 31.6	0	0	0	10	0	0	10
SPILL (Terminal) MILE 40.1	0	0	10	160	170	140	480
TOTAL FROM SPILLS	40	0	50	460	560	620	1730
NET DIVERSION	140	0	1300	8060	7030	3230	19760
Net diverted							19760 A.F.
							Acreage reported
							A-4841a 13426

DAILY DIVERSIONS OF CANALS--1961

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

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

Date	May	June	July	Aug.	Sept.	Date	May	June	July	Aug.	Sept.
1	0	0	0	3	0	1	0	8	5	7	6
2	0	0	0	4	0	2	0	7	5	7	6
3	0	0	0	4	0	3	0	7	5	7	7
4	0	0	0	4	0	4	0	7	5	7	7
5	0	0	0	4	0	5	0	6	5	7	7
6	0	0	0	5	0	6	0	6	5	7	7
7	0	0	0	5	0	7	0	6	5	7	7
8	0	0	0	5	0	8	0	6	5	7	7
9	0	0	3	4	0	9	0	6	5	7	7
10	0	0	3	4	0	10	0	6	5	7	7
11	0	0	2	4	0	11	0	6	5	7	7
12	0	0	3	4	0	12	0	5	5	8	7
13	0	0	3	4	0	13	0	5	6	8	7
14	0	0	8	2	0	14	0	5	6	8	7
15	0	0	6	1	0	15	0	5	6	8	7
16	0	0	4	1	0	16	0	4	6	8	7
17	0	0	4	0	0	17	0	4	6	8	7
18	0	0	4	0	0	18	0	4	6	8	7
19	0	0	4	0	0	19	0	4	6	8	7
20	0	0	4	0	0	20	0	4	6	8	7
21	0	0	3	0	0	21	0	4	6	8	7
22	0	0	3	0	0	22	0	4	6	7	8
23	0	0	4	0	0	23	0	4	6	7	8
24	0	0	3	0	0	24	0	4	6	7	8
25	0	0	3	0	0	25	0	4	6	7	8
26	0	0	2	0	0	26	0	4	6	7	8
27	0	0	2	0	0	27	0	4	6	7	8
28	0	0	2	0	0	28	0	4	7	7	8
29	0	0	2	0	0	29	0	4	7	6	8
30	0	0	1	0	0	30	0	5	7	6	8
31	0	-	2	0	-	31	8	-	7	6	-
Mean	0	0	2	2	0	Mean	0	5	6	7	7
Max.	0	0	8	5	0	Max.	8	8	7	8	8
Min.	0	0	0	0	0	Min.	0	4	5	6	6
A.F.	0	0	150	110	0	A.F.	20	300	350	440	430
Water diverted	260 A.F.					Water diverted	1540 A.F.				

DAILY DIVERSIONS OF CANALS--1961

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet--1961

	May	June	July	Aug.	Sept.	Total
Diversions:						
North Platte River	0	0	150	110	0	260
Sarten Slough	20	300	350	440	430	1540
Total diversion	20	300	500	550	430	1800
Water diverted	1800 A.F.					Acreage reported
						D-710 676

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	29	0	24	0	43	28
2	30	0	28	0	38	28
3	34	0	26	0	34	28
4	36	0	24	0	25	33
5	41	0	25	0	20	35
6	41	0	25	2	21	31
7	0	0	24	0	25	30
8	0	0	23	14	24	33
9	0	19	20	24	20	45
10	0	30	24	27	28	58
11	0	32	25	27	23	28
12	0	35	28	27	25	20
13	0	38	25	31	24	30
14	0	38	23	29	22	33
15	0	40	25	29	20	31
16	0	36	25	29	23	31
17	0	39	5	28	26	31
18	0	34	0	28	26	32
19	0	38	0	26	26	32
20	0	47	14	24	27	44
21	0	18	20	26	25	62
22	0	0	31	25	26	42
23	0	0	33	27	26	17
24	0	16	34	28	28	13
25	0	20	29	29	29	15
26	0	20	27	27	30	17
27	0	19	26	26	32	22
28	0	18	24	24	32	23
29	0	18	8	30	30	14
30	0	19	0	30	30	0
31	0	17	-	38	30	-
Mean	7	19	22	21	27	30
Max.	41	47	34	38	43	62
Min.	0	0	0	0	20	0
A.F.	420	1170	1280	1300	1660	1760
Water diverted	7590 A.F.			Acres reported D-946 2932		

DAILY DIVERSIONS OF CANALS--1961

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	8	10
2	0	0	0	16	14
3	0	0	0	20	15
4	0	0	0	22	14
5	0	0	0	26	12
6	0	0	0	26	5
7	0	0	0	28	1
8	0	0	0	28	1
9	0	0	0	24	1
10	0	0	0	19	1
11	0	0	0	17	1
12	0	0	0	11	1
13	0	0	0	11	0
14	0	0	0	4	0
15	0	0	0	0	0
16	0	0	0	10	0
17	0	0	6	6	0
18	0	0	10	0	0
19	0	0	12	0	0
20	0	0	11	0	0
21	0	0	16	0	0
22	0	0	22	3	0
23	0	0	21	9	0
24	0	0	19	8	0
25	0	0	16	6	0
26	0	0	19	6	0
27	0	0	12	9	0
28	0	0	7	7	0
29	0	0	9	5	0
30	0	0	6	5	0
31	0	-	2	10	-
Mean	0	0	6	11	3
Max.	0	0	22	28	15
Min.	0	0	0	0	0
A.F.	0	0	370	680	150
Water diverted	1200 A.F.		Acres reported D-680 1173		

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	3	0	3	2	1	0
2	3	0	3	2	1	0
3	3	0	3	2	1	0
4	3	1	2	2	1	0
5	3	5	2	2	1	0
6	3	4	2	2	0	0
7	3	1	2	2	0	0
8	2	2	2	2	0	0
9	1	3	2	2	0	0
10	0	3	1	2	0	0
11	0	3	1	3	0	0
12	0	3	1	3	0	0
13	0	1	1	3	0	0
14	0	0	1	2	0	0
15	0	0	2	2	0	0
16	0	0	2	2	0	0
17	0	0	2	2	0	0
18	0	0	3	2	0	0
19	0	0	3	2	0	0
20	0	0	3	2	0	0
21	0	0	4	2	0	0
22	0	0	4	2	0	0
23	0	0	3	2	0	0
24	0	0	4	1	0	2
25	0	0	4	2	0	3
26	0	0	3	2	0	3
27	0	0	3	1	0	3
28	0	2	3	2	0	3
29	0	3	3	1	0	3
30	0	3	2	1	0	3
31	0	3	-	1	0	-
Mean	1	1	2	2	0	1
Max.	3	5	4	3	1	3
Min.	0	0	1	1	0	0
A.F.	50	70	150	120	10	40
Water diverted	440 A.F.			Acres reported D-485 200		

DAILY DIVERSIONS OF CANALS--1961

SPALDING POWER CANAL from Godar 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	94	126	126	141	131	138	125	125	130	110	20	113
2	113	136	133	98	123	128	118	130	113	128	60	121
3	60	135	134	126	125	132	129	129	118	112	128	113
4	0	124	135	148	122	141	127	130	110	120	132	113
5	0	145	125	152	117	129	127	143	122	109	148	116
6	0	136	68	119	121	109	132	139	73	93	135	118
7	0	138	110	136	127	126	122	136	0	122	131	123
8	0	128	124	135	121	108	130	143	35	106	136	77
9	0	123	128	122	124	118	131	137	145	109	127	0
10	0	134	131	128	132	144	130	135	149	102	128	0
11	0	125	117	124	130	135	137	143	132	113	128	16
12	0	134	95	120	120	135	150	131	123	119	122	130
13	0	127	119	125	114	142	150	120	132	104	144	160
14	0	128	122	122	133	142	150	138	130	101	146	150
15	0	128	121	120	133	141	151	145	141	99	129	112
16	0	128	99	124	130	141	150	124	143	96	124	125
17	54	134	103	122	125	136	138	135	145	94	116	122
18	136	132	101	121	58	146	140	138	130	101	152	111
19	130	131	110	69	119	143	129	130	127	92	168	113
20	136	138	93	73	138	112	129	140	138	96	162	138
21	124	121	78	51	138	102	130	126	120	101	146	130
22	121	114	75	92	134	105	127	82	133	104	146	140
23	137	134	135	100	124	136	121	0	109	106	150	124
24	131	128	129	135	90	151	128	0	118	114	148	128
25	133	125	133	125	125	141	117	0	126	105	136	114
26	129	129	139	125	134	143	111	18	113	109	116	122
27	135	117	145	130	129	140	131	127	113	101	132	119
28	137	60	114	130	127	148	121	127	111	122	118	118
29	128	79	135	135	---	132	129	134	99	133	129	116
30	137	99	146	135	---	127	126	121	106	140	116	118
31	133	---	147	135	---	128	---	54	---	59	119	---
Mean	70	125	118	120	123	132	131	112	116	107	129	110
Max.	137	145	147	152	138	151	151	145	149	140	168	160
Min.	0	60	68	51	58	102	111	0	0	59	20	0
A.F.	4300	7410	7280	7370	6830	8130	7810	6900	6910	6590	7920	6550
Total acre-feet	84000 A.F.											

DAILY DIVERSIONS OF CANALS--1961

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

Date	Oct.	May	June	July	Aug.	Sept.
1	51	10	35	54	94	105
2	54	31	37	54	99	104
3	54	27	42	60	102	106
4	54	30	56	76	106	105
5	54	31	59	79	107	90
6	54	25	62	93	107	88
7	53	23	56	100	112	86
8	52	22	47	102	117	82
9	51	18	41	99	118	88
10	52	22	37	111	121	96
11	52	33	35	113	116	101
12	23	36	43	111	106	114
13	5	41	49	114	102	79
14	4	54	61	113	86	57
15	5	51	58	107	75	50
16	6	48	64	97	73	45
17	5	37	53	101	68	40
18	4	5	49	105	58	41
19	5	4	45	105	45	46
20	4	4	40	108	95	88
21	4	4	33	107	96	61
22	4	5	33	104	54	45
23	4	5	50	103	88	57
24	4	5	49	102	85	63
25	4	10	49	95	79	57
26	1	32	48	89	85	53
27	0	29	46	89	89	51
28	0	31	51	90	105	54
29	0	33	55	88	111	54
30	0	33	56	88	108	54
31	0	35	---	59	105	---
Mean	21	25	48	95	95	72
Max.	54	54	68	114	121	114
Min.	0	4	33	54	45	40
A.F.	1320	1540	2870	5860	5860	4280
Water diverted	21730 A.F.					

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	29	40	121	45
2	0	30	40	130	63
3	0	30	45	131	64
4	0	23	59	131	63
5	0	0	72	129	57
6	0	0	90	127	56
7	0	0	99	126	56
8	0	0	104	124	56
9	0	0	103	123	49
10	0	0	111	124	44
11	0	0	130	110	40
12	0	0	141	80	12
13	0	0	139	79	0
14	0	0	130	76	0
15	0	0	124	69	0
16	0	0	126	69	0
17	0	0	126	68	0
18	44	0	127	58	0
19	57	0	121	51	0
20	43	0	121	50	0
21	40	0	123	50	0
22	45	0	125	49	0
23	39	0	125	44	0
24	35	0	124	39	0
25	28	0	113	37	0
26	27	0	104	29	0
27	27	0	93	29	0
28	27	20	92	30	0
29	27	28	92	35	0
30	27	30	91	38	0
31	27	---	101	32	---
Mean	16	6	106	77	20
Max.	57	30	141	131	64
Min.	0	0	40	29	0
A.F.	980	380	6400	4730	1200
Water diverted	13690 A.F.				
Supplemental storage included	A-2691a 5521 A-6223 268 A-9723 52 Total 5841				

DAILY DIVERSIONS OF CANALS--1961

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	1380	0	1270	484	466	467	40	0	82	0	2010	1490
2	1190	0	1270	474	463	464	45	0	76	0	2020	1480
3	990	196	1270	473	469	477	34	0	62	55	2030	1490
4	780	357	1270	473	471	480	51	0	41	168	2010	1500
5	552	438	1240	471	469	485	30	0	0	371	1990	1490
6	438	432	1110	473	467	480	23	0	0	549	1970	1450
7	307	456	1030	473	463	471	27	0	0	854	1960	1400
8	75	485	967	471	464	282	37	0	0	1170	1970	1360
9	0	484	922	473	463	207	37	0	0	1320	1990	1410
10	0	483	894	470	463	124	16	106	0	1450	2000	1550
11	0	492	829	470	464	72	0	264	0	1490	2000	1640
12	0	614	798	471	470	69	0	438	0	1540	1990	1660
13	0	766	713	473	462	64	0	466	0	1640	1960	1670
14	0	868	632	471	464	56	0	457	0	1750	1950	1700
15	0	926	608	469	463	53	0	529	0	1740	1950	1700
16	0	1050	597	470	466	56	0	696	0	1740	1950	1430
17	0	1190	578	467	466	53	0	789	0	1760	1920	1430
18	0	1230	574	467	471	53	0	847	0	1820	1780	1360
19	0	1280	579	470	466	54	0	1000	0	1800	1680	1330
20	0	1280	568	457	466	54	0	1040	0	1860	1660	1320
21	0	1280	570	478	466	55	0	1120	0	1880	1620	1250
22	0	1270	568	456	466	54	0	1110	0	1910	1510	1300
23	0	1270	570	456	467	36	0	1080	0	1920	1460	1320
24	0	1270	570	457	460	44	0	995	0	1920	1460	1280
25	0	1270	576	460	460	50	0	764	0	1920	1460	1280
26	0	1270	564	460	459	48	0	651	0	1920	1470	1280
27	0	1270	574	462	466	48	0	562	0	1930	1460	1170
28	0	1250	574	462	464	46	0	476	0	1950	1440	1050
29	0	1160	534	464	---	46	0	339	0	1970	1410	962
30	0	1230	515	467	---	46	0	190	0	1990	1430	867
31	0	---	506	466	---	45	-	93	-	2000	1460	---
Mean	184	852	769	468	465	163	11	452	9	1432	1773	1387
Max.	1380	1280	1270	484	471	485	51	1120	82	2000	2030	1700
Min.	0	0	506	456	459	36	0	0	0	0	1410	867
A.F.	11330	50710	47290	28780	25830	9990	680	27790	520	88040	109030	82550
Water diverted	482540 A.F.											

DAILY DIVERSIONS OF CANALS--1961

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	49	179	158	234	185	224	1180	226	54	0
2	0	16	69	181	214	216	197	197	1200	199	57	0
3	0	44	88	166	234	226	212	181	1200	197	72	0
4	0	46	134	157	251	222	222	207	1180	175	80	0
5	0	53	157	158	236	228	220	199	1170	148	60	0
6	0	57	120	164	240	220	226	185	1190	124	54	0
7	0	65	90	187	265	209	228	195	1190	100	49	0
8	0	69	98	199	258	234	254	175	1170	104	42	0
9	0	70	151	230	283	238	244	166	1220	162	40	0
10	0	69	201	260	303	254	236	157	1200	244	39	0
11	0	74	218	276	346	269	272	153	1190	214	44	0
12	0	76	242	294	376	301	303	139	1190	183	36	0
13	0	73	205	305	382	308	322	137	1200	166	50	0
14	0	73	228	310	379	312	365	157	1170	155	46	0
15	0	77	187	310	362	312	379	146	1200	132	43	0
16	0	70	144	317	329	301	365	168	1210	120	39	0
17	0	70	139	339	278	305	342	199	1190	110	36	0
18	0	70	144	329	149	292	346	187	1170	104	35	0
19	0	73	269	272	191	305	329	187	1150	92	34	0
20	0	77	263	249	292	301	305	205	1180	95	34	0
21	0	82	185	158	389	305	283	230	1170	83	30	0
22	0	83	104	146	305	301	294	263	1160	74	0	0
23	0	84	90	195	287	278	339	369	1150	70	0	0
24	0	84	124	212	285	272	365	640	1170	66	0	0
25	0	79	238	137	274	276	352	902	1100	67	0	0
26	0	83	289	113	267	274	310	1110	849	63	0	0
27	0	80	276	95	263	274	283	1200	661	56	0	0
28	0	41	197	107	249	247	280	1180	492	50	0	0
29	0	33	172	130	---	218	247	1170	372	48	0	0
30	0	49	158	129	---	207	207	1180	278	48	0	0
31	0	---	177	148	---	195	---	1190	---	49	0	-
Mean	0	64	168	208	280	262	284	419	1071	121	31	0
Max.	0	84	289	339	389	312	379	1200	1220	244	80	0
Min.	0	0	49	95	149	195	185	137	278	48	0	0
A.F.	0	3810	10330	12800	15560	16130	16880	25780	63770	7390	1930	0
Water diverted	174380 A.F.											

DAILY DIVERSIONS OF CANALS--1961

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	615	143	698	625	664	347	352	510	217	1011	1774	1318
2	554	196	682	613	622	346	340	332	53	992	1907	1323
3	621	207	465	525	665	313	380	153	53	1112	1902	1152
4	616	272	412	379	502	304	413	305	115	1536	1903	1344
5	514	342	462	343	341	280	430	231	159	1658	1893	1423
6	500	301	399	427	439	324	465	273	310	1782	1895	1551
7	526	378	401	402	466	171	463	217	204	1799	1903	1627
8	563	388	430	345	440	196	528	215	149	1880	1902	1665
9	490	370	415	473	444	167	337	221	299	1806	1908	1735
10	549	376	377	399	421	187	412	285	184	1873	1911	1507
11	662	404	365	455	364	206	335	472	168	1772	1644	1507
12	641	407	446	421	435	185	283	535	130	1746	1409	1396
13	574	379	443	388	421	171	272	673	99	1879	422	1377
14	611	409	397	381	440	99	277	555	140	1619	709	1215
15	600	416	396	348	334	98	290	575	53	1817	896	1256
16	199	352	385	374	352	172	226	369	195	1743	1480	986
17	72	410	418	356	334	196	290	217	243	1690	1018	866
18	143	398	380	346	366	200	308	335	243	1711	763	1021
19	165	378	452	394	342	199	251	317	174	1638	646	903
20	53	373	460	386	340	261	240	396	90	1610	713	827
21	122	393	631	473	344	194	247	330	219	1527	718	802
22	159	397	753	541	332	202	300	390	175	1418	908	841
23	53	421	672	640	286	196	292	355	316	1395	1082	824
24	180	326	652	686	304	341	355	396	530	1351	1147	580
25	148	453	591	763	287	345	341	447	600	1356	1274	708
26	53	396	593	714	284	281	378	252	883	1387	1329	526
27	53	399	673	741	347	342	508	401	857	1390	1217	593
28	108	565	646	733	345	685	578	335	768	1398	1219	516
29	53	494	730	681	---	331	566	351	873	1450	1173	569
30	53	613	634	758	---	331	426	205	895	1437	1166	528
31	36	---	691	681	---	359	---	246	---	1552	1152	---
Mean	332	380	521	509	402	259	363	352	313	1559	1322	1083
Max.	662	613	753	763	665	685	578	673	895	1880	1911	1735
Min.	36	143	365	343	284	98	226	153	53	992	422	516
A.F.	20400	22600	32030	31320	22340	15920	21590	21650	18630	95870	81290	64440
Water returned	448080 A.F.											

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	59	72	175	27
2	0	58	72	183	8
3	0	61	67	188	8
4	0	56	64	199	8
5	0	51	98	213	8
6	0	52	109	222	9
7	0	62	106	237	10
8	0	52	109	244	10
9	0	43	125	252	10
10	0	35	138	250	10
11	0	34	178	254	10
12	0	64	215	242	21
13	0	76	226	213	45
14	0	74	263	178	46
15	0	68	279	167	48
16	21	70	287	185	48
17	61	74	297	194	49
18	56	76	311	187	47
19	56	76	318	178	66
20	51	72	315	165	72
21	51	64	320	38	70
22	51	69	313	8	63
23	56	76	279	8	63
24	53	72	250	23	64
25	52	71	250	54	61
26	48	71	242	53	58
27	45	69	206	53	61
28	43	67	194	53	58
29	39	62	182	51	57
30	37	64	173	51	58
31	52	---	173	56	---
Mean	25	63	201	148	39
Max.	61	76	320	254	72
Min.	0	34	64	8	8
A.F.	1530	3760	12360	9070	2330
Water diverted	29050 A.F.				
	Acreage reported				
	A-1853 19254				
	A-1976 3555				
	A-2077 320				
	Total 23129				

DAILY DIVERSIONS OF CANALS--1961

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	1110	869	1200	1150	1150	924	844	1320	1290	1310	2010	1370
2	1030	965	1190	1040	1100	943	854	1300	1170	1260	2120	1560
3	1050	970	1000	940	1120	910	836	1030	1210	1390	2120	1420
4	1040	937	970	830	1020	954	847	1090	1240	1560	2010	1550
5	972	895	1060	850	935	962	884	1290	1300	1890	2140	1530
6	958	911	940	960	922	982	907	1270	1340	1980	2120	1740
7	861	963	850	960	965	897	909	1100	1640	2020	2130	1770
8	946	932	940	870	929	852	1010	1140	1670	2050	2040	1704
9	932	979	1010	980	1000	882	1000	883	1540	2120	2140	1930
10	986	968	960	900	1000	809	1040	964	1750	2140	2140	1740
11	1010	973	910	950	984	961	1100	1080	1970	2040	2070	1690
12	1060	937	960	910	993	1140	1340	1080	2080	2170	2150	1650
13	1070	980	950	880	1060	1280	1340	1200	2020	2180	2080	1740
14	1010	987	890	870	977	1080	1150	1570	2030	2080	2130	1700
15	1100	962	830	840	955	1100	1120	1540	2040	2180	598	1570
16	1060	964	810	880	948	1000	1020	1180	2030	2180	0	1410
17	827	985	860	840	842	922	993	1130	2060	2160	0	1260
18	800	987	860	760	900	819	920	1010	2070	2070	312	1370
19	941	978	970	800	918	791	890	940	2080	2150	934	1270
20	898	983	910	810	976	849	858	988	2050	2140	1040	1400
21	878	942	1060	850	1030	777	819	1060	2070	2070	1080	1400
22	912	976	1140	900	956	756	882	1160	2020	2160	1130	1360
23	870	935	1100	970	925	723	839	1020	1820	2150	1350	1460
24	889	929	1100	980	849	786	918	1030	1770	2120	1480	1250
25	867	992	1060	1010	942	910	856	1050	1510	2050	1520	1310
26	856	1000	1100	980	810	801	924	887	1480	2190	1620	1090
27	823	1010	1130	1170	955	900	1020	847	1310	2160	1540	1110
28	824	889	1070	1210	917	1130	1080	852	1220	2050	1480	1090
29	854	902	1160	1240	---	1020	1080	883	1150	2170	1350	971
30	855	1060	1120	1330	---	907	1070	890	1230	2160	1350	1070
31	856	---	1210	1230	---	854	---	1170	---	2180	1390	---
Mean	940	959	1010	964	967	923	978	1095	1672	2018	1535	1450
Max.	1110	1060	1210	1330	1150	1280	1340	1570	2080	2150	2150	1930
Min.	800	869	810	760	810	723	819	847	1150	1260	0	971
A.F.	57810	57040	62120	59290	53710	56770	58210	67350	99490	124110	94360	86250
Water diverted	876510 A.F.											
	Acreage reported											
	A-2355, A-3476											89127
	A-3476 Storage only											95284
	A-3620											1024
	A-3623											799
	A-4656											1446
	A-5278											4936
	A-7216											847
	A-9673											29319
	Total											222782

DAILY DIVERSIONS OF CANALS--1961

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	8	0	0	0	0	0	0	0	0	155	4	266
2	30	0	0	0	0	0	0	0	0	231	45	246
3	13	0	0	0	0	0	0	0	0	248	150	250
4	0	0	0	0	0	0	0	0	0	258	179	250
5	0	0	0	0	0	0	0	0	0	302	179	250
6	0	0	0	0	0	0	0	0	0	359	177	229
7	0	0	0	0	0	0	0	0	0	397	182	250
8	0	0	0	0	0	0	0	0	0	339	172	250
9	0	0	0	0	0	0	0	0	0	207	96	189
10	0	0	0	0	0	0	0	0	0	54	38	237
11	0	0	0	0	0	0	0	0	0	7	20	240
12	0	0	0	0	0	0	0	0	0	7	58	235
13	0	0	0	0	0	0	0	0	0	7	44	186
14	0	0	0	0	0	0	0	0	0	7	175	145
15	0	0	0	0	0	0	0	0	0	7	6	138
16	0	0	0	0	0	0	0	0	0	7	6	112
17	0	0	0	0	0	0	0	0	0	7	6	136
18	0	0	0	0	0	0	0	0	0	6	6	115
19	0	0	0	0	0	0	0	0	0	7	7	121
20	0	0	0	0	0	0	0	0	0	6	7	101
21	0	0	0	0	0	0	0	0	0	6	7	108
22	0	0	0	0	0	0	0	0	0	6	7	60
23	0	0	0	0	0	0	0	0	0	7	6	29
24	0	0	0	0	0	0	0	0	0	6	7	36
25	0	0	0	0	0	0	0	0	0	6	70	29
26	0	0	0	0	0	0	0	0	0	7	132	0
27	0	0	0	0	0	0	0	0	0	6	150	0
28	0	0	0	0	0	0	0	0	0	6	151	0
29	0	0	0	0	0	0	0	0	0	6	136	0
30	0	0	0	0	0	0	0	0	58	5	172	0
31	0	0	0	0	0	0	0	0	---	5	240	---
Mean	2	0	0	0	0	0	0	0	2	87	85	140
Max.	30	0	0	0	0	0	0	0	58	397	240	250
Min.	0	0	0	0	0	0	0	0	0	5	6	0
A.F.	100	0	0	0	0	0	0	0	110	5320	5230	8350
Water returned	19010 A.F.											

DAILY DIVERSIONS OF CANALS--1961

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	604	692	777	637	679	672	717	402	41	54	26	38
2	627	720	657	655	623	707	637	357	160	70	38	42
3	545	671	648	627	555	717	596	448	44	62	18	38
4	598	648	749	640	636	740	624	398	68	62	8	26
5	530	672	616	609	700	742	608	324	102	30	34	22
6	579	715	604	691	591	721	653	371	134	22	74	10
7	615	639	663	672	670	734	653	336	139	14	82	6
8	605	755	644	727	685	704	604	396	321	14	90	34
9	620	678	692	665	708	704	615	426	405	14	94	20
10	603	697	721	810	683	787	591	381	867	14	94	10
11	668	691	729	712	608	755	611	401	837	14	78	31
12	721	750	677	673	700	691	417	290	969	38	46	77
13	760	772	676	751	710	810	481	294	854	54	46	59
14	785	703	680	669	685	1086	487	247	913	58	34	320
15	724	695	665	726	688	1203	497	162	845	50	38	374
16	551	678	633	664	621	1242	740	252	924	30	6	341
17	665	674	701	679	700	744	590	196	1188	12	4	366
18	666	692	754	672	699	672	549	233	1226	12	10	365
19	631	751	665	694	729	676	530	254	1264	12	24	405
20	681	652	716	695	672	707	613	253	1220	12	38	357
21	728	786	762	693	712	666	637	310	1090	12	42	348
22	666	679	700	741	658	1317	552	511	1068	12	32	273
23	695	709	723	690	706	689	621	403	665	12	6	383
24	696	694	712	621	671	722	597	335	675	12	13	386
25	685	719	691	671	664	722	564	284	497	12	58	405
26	678	675	638	662	684	671	561	319	140	12	176	436
27	678	670	686	712	697	724	535	230	171	12	106	502
28	681	749	588	717	724	695	401	249	22	12	6	545
29	694	725	665	676	---	703	438	184	30	12	30	561
30	695	705	635	733	---	726	452	271	34	14	34	526
31	683	---	697	668	---	639	---	266	---	14	22	---
Mean	657	702	683	686	674	777	572	316	564	253	454	244
Max.	785	786	777	810	729	1317	740	511	1264	70	176	561
Min.	530	639	588	609	555	639	401	162	22	12	4	6
A.F.	40380	41760	41980	42150	37400	47780	34060	19400	33550	1560	2790	14490
Water returned	357300 A.F.											

DAILY DIVERSIONS OF CANALS--1961

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	139	1023	690	386
2	0	139	995	513	375
3	0	160	1148	428	367
4	0	148	1167	327	381
5	0	141	1095	266	462
6	0	132	994	487	555
7	0	127	941	853	562
8	116	126	930	927	567
9	93	117	947	974	602
10	45	110	932	944	613
11	41	113	920	891	616
12	32	54	963	856	624
13	50	46	958	853	624
14	232	111	889	865	613
15	272	107	862	778	664
16	201	106	970	759	652
17	179	135	976	824	627
18	186	129	923	805	627
19	221	119	912	805	638
20	214	113	982	673	618
21	221	107	996	518	591
22	232	85	944	530	649
23	232	60	946	504	514
24	227	32	944	444	470
25	223	40	942	428	355
26	216	51	953	399	240
27	196	45	933	359	126
28	180	46	934	304	196
29	180	102	949	366	101
30	146	774	783	359	86
31	133	---	789	383	---
Mean	131	124	956	617	483
Max.	272	774	1167	974	664
Min.	0	32	783	304	86
A.F.	8070	7370	58790	37910	28760
Water diverted	140900 A.F.				
Pathfinder Storage included					

DAILY DIVERSIONS OF CANALS--1961

TRI-STATE DIVERSIONS
For Farmers Irrigation District and Preferred Rights
Summary in Acre-feet--1961

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River....	8070	7370	58790	37910	28760	140900
*Optional Diversions...	20	170	820	1050	800	2860
**Drains.....	1320	1390	80	0	650	3440
Total.....	9410	8930	59690	38960	30210	147200
Water diverted						
147200 A.F.						
					Acreage reported	
					D-918	58437
					A-660	2913
					O.D.'s	1711
					Total	63061

*Estimated
**Diverted by Tri-State Canal and used by Farmers Irrigation District prior to Northports request for irrigation water in May and June and last day of July. In September intermittently when the available supply of natural flow was being apportioned for D-918 and A-768.

DAILY DIVERSIONS OF CANALS--1961

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	19	10	15
2	6	0	0	18	8	15
3	6	0	0	15	7	15
4	6	0	0	15	14	14
5	6	0	0	17	13	14
6	7	0	0	18	12	14
7	6	0	0	20	16	13
8	7	0	0	15	15	13
9	9	0	0	8	15	13
10	8	0	0	7	18	12
11	9	0	0	9	15	12
12	9	0	0	8	13	12
13	9	0	0	2	16	11
14	7	0	4	0	16	6
15	1	0	4	0	16	7
16	0	0	5	0	15	9
17	0	0	4	4	15	9
18	0	0	3	7	15	9
19	0	0	2	12	15	9
20	0	0	10	15	15	9
21	0	0	15	15	14	9
22	0	0	15	16	14	8
23	0	0	17	16	14	8
24	0	0	18	15	14	5
25	0	0	17	15	15	5
26	0	0	17	13	16	4
27	0	0	18	9	14	4
28	0	0	17	9	15	5
29	0	0	18	10	14	6
30	0	0	18	10	15	6
31	0	0	--	11	15	--
Mean	3	0	7	11	14	10
Max.	9	0	18	20	18	15
Min.	0	0	0	0	7	4
A.F.	200	0	400	690	870	580
Water diverted						
2740 A.F.					Acreage reported	
					D-763	1315

DAILY DIVERSIONS OF CANALS--1961

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	21	30	0	103	69	213	226	180	40	
2	23	28	0	103	61	171	226	175	38	
3	24	28	0	103	56	192	196	163	41	
4	27	27	0	103	61	231	159	159	43	
5	31	27	0	97	56	230	138	152	45	
6	34	28	0	86	52	229	124	159	41	
7	36	29	0	61	52	228	112	163	50	
8	41	30	0	61	52	228	94	159	86	
9	50	30	0	48	46	227	138	121	121	
10	54	30	0	56	43	226	156	92	134	
11	52	29	0	72	50	225	156	72	145	
12	48	29	0	52	48	224	159	61	152	
13	50	29	0	58	52	223	148	89	148	
14	65	28	0	52	67	223	131	63	128	
15	82	28	0	45	74	222	121	56	142	
16	94	28	0	43	74	221	109	56	134	
17	103	27	0	43	76	220	100	63	112	
18	109	27	0	45	82	219	94	56	97	
19	109	27	0	48	79	218	82	50	103	
20	106	34	0	48	76	218	76	48	115	
21	89	41	0	74	67	218	84	50	106	
22	73	48	17	86	79	218	84	46	84	
23	57	36	18	72	134	159	74	45	65	
24	41	36	17	79	192	156	65	46	63	
25	31	36	20	86	254	167	61	43	54	
26	25	36	22	82	145	159	72	41	56	
27	25	25	23	74	200	167	131	40	45	
28	25	0	24	72	240	171	171	38	61	
29	25	0	49	82	218	159	159	36	74	
30	25	0	74	84	218	152	175	38	86	
31	25	-	100	--	235	---	209	40	--	
Mean	52	28	12	71	103	193	130	84	87	
Max.	109	48	100	103	254	231	226	180	152	
Min.	21	0	0	43	43	89	61	36	38	
A.F.	3170	1650	730	4200	6360	11480	7990	5160	5170	
Water diverted									Acreage reported	
	45910 A.F.								A-393	11006
									A-1804	764
									A-4739	498
									Total	12268

DAILY DIVERSIONS OF CANALS--1961

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	6	35	14	29	1	12	0	16	30	23	46	
2	0	7	36	20	23	2	0	0	15	36	30	41	
3	0	8	39	21	21	3	0	0	16	40	30	36	
4	0	8	36	23	22	4	0	0	13	37	30	33	
5	0	8	37	21	21	5	0	0	13	37	23	37	
6	0	8	38	18	23	6	0	0	11	30	39	38	
7	0	10	37	12	26	7	0	0	9	32	39	37	
8	0	10	26	10	28	8	0	0	17	42	44	36	
9	0	10	26	20	27	9	0	7	22	37	36	37	
10	0	9	28	32	27	10	0	19	20	44	38	39	
11	14	9	30	30	25	11	0	22	28	52	41	34	
12	12	15	28	29	24	12	0	23	34	54	42	35	
13	11	16	26	30	24	13	0	32	41	52	51	41	
14	13	12	24	31	24	14	0	30	40	50	41	45	
15	7	12	22	32	23	15	0	16	13	37	44	44	
16	7	10	21	32	23	16	0	26	4	50	44	43	
17	7	5	28	35	23	17	0	8	20	42	45	42	
18	0	5	28	34	22	18	0	0	24	35	44	42	
19	0	4	32	27	23	19	0	0	21	44	40	35	
20	0	6	34	8	22	20	0	0	18	46	42	35	
21	0	14	37	26	23	21	0	0	19	42	40	37	
22	0	20	32	27	18	22	0	0	19	43	44	36	
23	4	20	30	28	16	23	0	7	25	40	43	32	
24	4	23	31	28	17	24	0	13	28	42	39	37	
25	3	30	32	28	20	25	0	14	33	47	44	35	
26	3	32	32	30	21	26	0	10	37	45	42	29	
27	1	32	30	30	24	27	0	2	36	46	43	28	
28	1	35	30	30	25	28	0	1	40	34	44	25	
29	2	35	30	28	7	29	0	1	37	22	42	10	
30	5	35	30	28	0	30	0	1	30	34	45	0	
31	6	--	19	28	-	31	0	7	--	16	45	-	
Mean	3	15	30	25	22	Mean	0	8	23	40	40	35	
Max.	14	35	39	35	29	Max.	12	32	41	54	51	46	
Min.	0	4	19	8	0	Min.	0	0	4	16	23	0	
A.F.	200	900	1870	1570	1290	A.F.	20	470	1390	2460	2450	2070	
Water diverted									Water diverted				
	5830 A.F.									8860 A.F.			

DAILY DIVERSIONS OF CANALS--1961

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

Date	May	June	July	Aug.	Sept.
1	0	0	2	0	0
2	0	0	1	0	0
3	0	0	2	3	0
4	0	0	1	5	0
5	0	0	1	5	0
6	0	0	1	5	0
7	0	0	0	5	1
8	0	3	0	6	1
9	0	7	0	8	2
10	1	6	0	8	2
11	5	5	0	9	2
12	6	6	0	8	1
13	6	3	0	8	0
14	6	1	0	7	0
15	3	0	0	7	0
16	0	0	7	7	0
17	0	0	8	7	0
18	0	0	8	8	1
19	0	3	8	9	2
20	0	4	8	3	1
21	0	0	8	6	1
22	0	0	8	5	0
23	0	0	8	4	0
24	0	0	5	6	0
25	0	0	2	5	0
26	0	0	1	4	3
27	0	0	1	4	5
28	0	0	1	4	5
29	0	1	1	2	4
30	0	2	1	2	0
31	0	-	0	2	-
Mean	1	1	3	5	1
Max.	6	7	8	9	5
Min.	0	0	0	0	0
A.F.	50	80	170	320	60
Water diverted	680 A.F.				

DAILY DIVERSIONS OF CANALS--1961

WINTERS CREEK DIVERSIONS
Summary in Acre-feet--1961

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	0	200	900	1970	1570	1290	5830
Winters Creek.....	20	520	1470	2630	2770	2130	9540
Total diversion.....	20	720	2370	4500	4340	3420	15370
Water diverted							Acreage reported
15370 A.F.							D-952 5748

DAILY DISCHARGE OF RIVERS AND STREAMS
NOT PUBLISHED BY U. S. GEOLOGICAL SURVEY
1962

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DISCHARGE IN SECOND-FOOT OF NORTH PLATTE RIVER PASSING
TRI-STATE DAM--Water Year Ending September 30, 1962

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	183	340	4	335	532	197	99
2	193	309	4	326	744	190	99
3	197	296	4	331	650	79	76
4	204	288	6	373	318	4	9
5	215	280	15	382	65	3	24
6	230	292	12	373	24	10	9
7	218	313	18	368	17	226	9
8	252	322	12	373	15	133	9
9	296	252	12	349	54	6	6
10	304	86	2	349	136	4	3
11	309	24	2	363	84	34	102
12	309	18	20	387	36	112	79
13	304	14	54	430	169	18	9
14	304	12	42	318	406	9	3
15	309	10	226	392	179	4	3
16	313	8	416	472	159	10	3
17	309	6	256	602	56	17	3
18	313	4	288	648	12	22	2
19	304	4	304	648	18	70	2
20	309	4	237	591	25	86	2
21	309	4	226	608	38	20	2
22	309	4	237	619	74	12	2
23	304	4	233	591	200	79	2
24	304	6	233	462	215	109	2
25	304	2	313	322	172	117	27
26	304	2	467	152	115	117	162
27	309	2	416	152	30	104	149
28	304	3	430	280	84	67	211
29	309	3	363	564	125	14	505
30	313	3	326	373	152	34	608
31	309	-	322	---	208	112	---
Mean	282	97	177	418	165	65	74
Max.	313	340	467	648	744	226	608
Min.	183	2	2	152	12	3	2
A.F.	17360	5780	10910	24860	10160	4000	4410
Total for 7 months period	77480 A.F.						

KINGSLEY RESERVOIR STORAGE IN ACRE-FOOT
Water Year Ending September 30, 1962

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1080400	1145800	1218000	1277900	1332000	1392800	1463800	1514800	1528300	1638300	1652500	1581400
2	1082600	1150400	1220300	1280400	1334500	1392800	1463800	1514800	1533800	1641200	1652500	1578600
3	1082600	1150400	1222600	1282800	1337000	1395400	1466400	1514800	1536600	1644000	1661400	1578600
4	1084800	1152700	1227400	1285200	1342000	1395400	1469000	1512100	1542200	1644000	1661400	1573000
5	1084800	1155000	1227400	1287700	1344500	1398000	1469000	1512100	1545000	1646900	1664300	1570200
6	1087000	1157300	1229800	1290200	1344500	1403200	1471700	1509400	1550600	1646900	1664300	1567400
7	1087000	1159600	1232200	1292600	1347000	1405800	1474400	1509400	1556200	1649800	1664300	1567400
8	1089200	1161900	1234600	1292600	1349500	1408400	1477000	1506700	1561600	1649800	1664300	1564100
9	1091500	1164200	1237000	1295000	1352000	1411000	1479700	1504000	1567400	1646900	1664300	1561800
10	1093800	1166500	1237000	1297500	1354500	1413600	1479700	1501300	1570200	1644000	1664300	1556200
11	1096000	1168800	1237000	1297500	1357000	1418800	1482400	1498600	1573000	1646900	1664300	1556200
12	1098200	1171100	1239400	1297500	1362000	1421400	1485100	1495900	1587600	1646900	1661400	1553400
13	1100500	1173400	1239400	1297500	1364500	1421400	1487600	1493200	1581400	1646900	1668500	1553400
14	1102800	1175700	1239400	1297500	1367000	1424000	1489500	1487800	1584200	1646900	1655600	1550600
15	1107200	1178000	1239400	1297500	1369500	1424000	1490500	1485100	1587000	1649800	1652700	1550600
16	1109500	1180300	1239400	1297500	1372000	1426600	1493200	1482400	1589800	1652700	1649800	1550600
17	1111800	1182700	1241800	1302400	1372000	1429300	1493200	1482400	1595600	1655600	1646900	1550600
18	1114000	1185000	1244200	1304800	1374600	1432000	1495900	1479700	1598400	1658500	1644000	1550600
19	1116200	1187400	1246600	1304800	1374600	1434600	1495900	1475700	1601200	1661400	1638300	1547800
20	1118500	1189800	1249000	1304800	1377200	1437200	1498600	1482400	1607000	1661400	1635400	1545000
21	1120800	1194400	1251400	1309800	1379800	1439900	1498600	1485100	1609800	1664300	1632600	1545000
22	1123000	1196800	1253800	1312200	1382400	1442600	1501300	1487800	1612600	1664300	1626900	1542200
23	1125200	1199200	1256200	1312200	1385000	1445200	1504000	1487800	1615500	1664300	1624000	1542200
24	1127500	1201500	1258600	1314600	1385000	1447800	1504000	1490500	1618400	1664300	1618400	1542200
25	1129800	1203800	1261000	1317100	1387600	1447800	1506700	1493200	1621200	1667200	1612600	1542200
26	1132000	1206200	1263400	1317100	1387600	1450500	1506700	1495900	1624000	1664300	1609800	1542200
27	1134300	1208500	1265800	1319600	1390200	1453200	1509400	1501300	1626900	1664300	1607100	1539400
28	1136600	1210900	1268200	1322000	1390200	1455800	1509400	1509400	1629800	1664300	1598400	1539400
29	1138900	1213200	1270600	1322000	-----	1458400	1512100	1514800	1629800	1664300	1595600	1539400
30	1141200	1215600	1273000	1324500	-----	1458400	1512100	1520200	1632600	1661400	1589800	1539400
31	1143500	-----	1275400	1329500	-----	1461100	-----	1522900	-----	1658500	1587000	-----

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, 1962

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	55411	56833	57660	55563	36836	38791	40556	26897	25352	55509	69943	38362
2	55656	57005	57745	55962	37083	37559	40995	25640	26427	56924	71318	39182
3	55755	57003	57803	56563	37335	36455	41436	25106	27210	57639	72538	39929
4	55423	57117	57889	57165	37654	35716	41278	24629	28048	58355	73492	41304
5	54543	57548	57860	57594	37928	35592	40335	24072	29398	58984	73945	42749
6	54494	57691	57835	58108	38443	35994	40239	23093	30698	59127	74583	43834
7	55267	57806	58318	58398	38740	36197	40020	22463	31668	59841	74188	45051
8	56101	57835	58747	58435	39282	35732	40421	21762	32731	60639	73315	46081
9	56272	57892	58290	56959	39868	36555	40435	21381	33842	61182	71741	46737
10	56501	58150	57153	55101	40863	37385	40917	20449	34316	61041	69865	47502
11	55872	57888	55295	54265	42247	38236	40917	19993	36259	62844	67388	47996
12	55273	57945	53778	53075	43765	38847	40677	19342	37559	64529	65649	48487
13	54312	58088	52867	52140	44459	39027	40580	18810	39127	66688	62754	48646
14	54217	58145	51699	51605	44748	38903	40292	18950	40584	67800	58867	48875
15	54017	58260	50482	50672	45444	38988	40074	19119	42169	68774	55089	49158
16	53928	58722	49961	49625	46251	39167	39375	19417	43880	69677	52123	49131
17	53982	58139	49625	48855	47037	39409	38977	19466	45316	70401	50486	49277
18	53725	58428	49493	47632	46939	39454	38564	19025	46906	70724	48849	49264
19	53836	58717	49370	46183	47373	39431	37789	19090	48533	70618	46637	49111
20	53864	58832	49476	44454	47275	39387	37307	19460	50399	70724	45205	49183
21	54231	58772	49761	42610	47296	39701	36422	18571	51834	71093	43640	49688
22	54765	58454	50067	40966	47475	40037	35750	18561	53617	71318	42845	49663
23	54655	58746	50612	40398	46188	40575	34785	18305	54578	71133	41881	50088
24	54880	58111	51223	39372	44802	40890	33920	17855	55251	70825	41448	51036
25	55020	58113	51850	38516	43752	40908	33117	18183	54994	69482	40774	51947
26	55449	57625	52662	37754	43048	40806	32315	18224	55281	69226	39833	52465
27	55795	57193	53034	36948	41476	40705	31287	18633	54975	68702	39375	52854
28	56490	57282	52964	36471	40119	40753	30171	19873	54376	68159	38941	53006
29	56924	57596	53537	36573	-----	40929	29167	21573	54174	67831	38483	53051
30	56981	57656	54393	36612	-----	41158	28041	23563	54963	67740	37886	53214
31	56893	-----	54875	36657	-----	40869	-----	24477	-----	68662	37553	-----

**DISCHARGE IN SECOND-FEET AT THE CONFLUENCE OF NORTH AND
SOUTH PLATTE RIVERS NEAR NORTH PLATTE**
Water Year Ending September 30, 1962

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	1180	1640	1480	1570	2190	1460	1440	1100	1340	1660	2150	1830
2	1320	1620	1590	1660	2110	1640	1470	1190	1300	1600	1970	1720
3	1390	1590	1130	1740	2170	1610	1460	1170	1210	1340	1610	1780
4	1710	1650	1370	1670	2170	1580	1420	1190	1250	1340	1730	1740
5	1860	1310	1390	1560	2100	1570	1340	1160	1070	1280	2160	1600
6	1700	1650	1420	1570	2080	1570	1520	1400	1530	1300	1560	1540
7	1330	1690	1230	1610	2270	1470	1520	1440	2300	1340	1480	1490
8	1070	1650	1410	1530	2280	1590	1220	1310	2360	1340	1570	1500
9	1220	1750	1340	1450	2370	2030	1500	1300	1790	1370	1620	1500
10	1220	1820	1250	1380	2490	2430	1390	1800	1490	1450	1680	1510
11	1260	1840	1290	1600	2330	2180	1490	1610	1350	1680	1680	1480
12	1540	1630	1200	1650	2330	1850	1460	1610	1520	2010	1790	1350
13	1500	1760	1250	1610	1990	1610	1340	1690	1880	1750	2060	1430
14	1540	1740	1330	1230	1930	1600	1420	1980	1460	3230	2280	1410
15	1430	1770	1230	1180	2050	2000	1210	2140	1240	2470	2450	1440
16	1560	1760	1190	1330	1900	2040	1420	2290	1150	1770	2600	1510
17	1470	1810	1160	1310	1920	1990	1420	3320	1320	1630	2590	1390
18	1470	1830	1220	1250	1650	1740	1490	3860	1390	1420	2480	1450
19	1510	1510	1130	1300	1940	1780	1400	3210	1060	1380	2520	1460
20	1510	1820	1220	1420	1910	1770	1490	2190	1030	1450	2450	1470
21	1500	1800	1300	1380	1750	1770	1470	1720	1350	1430	2320	1450
22	1130	1800	1340	1580	1760	1790	1190	1520	1180	1200	2320	1420
23	1530	1490	1470	1360	1880	1730	1330	1100	1080	1270	2260	1420
24	1410	1660	1610	1340	1940	1920	1300	1140	997	1300	2240	1330
25	1380	1740	1640	1480	1810	1870	1070	833	1220	1440	2190	1380
26	1410	1500	1570	1560	1960	1760	1010	1180	1160	1300	2270	1330
27	1460	1790	1580	1700	1740	1730	1020	1300	1120	1420	2220	1290
28	1540	1720	1700	1720	1450	1680	1100	1750	1090	1420	2320	1170
29	1290	1590	1520	1870	-----	1700	1000	2170	1060	1510	2180	1200
30	1540	1410	1640	1950	-----	1730	1020	1470	1320	1790	2280	1100
31	1600	-----	1600	2130	-----	1670	-----	1370	-----	1850	2160	-----
Mean	1438	1678	1381	1538	2017	1770	1331	1694	1354	1572	2103	1458
Max.	1860	1840	1700	2130	2490	2430	1520	3860	2360	3230	2600	1830
Min.	1070	1310	1130	1180	1450	1460	1000	833	997	1200	1480	1100
A.F.	88420	99850	84890	94590	112010	108810	79200	104160	80560	96670	129300	86740
Total acre-feet	1165200 A.F.											

TRI-COUNTY DIVERSION DAM--Sec. 10-13-29 W.
Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	40	64	70	141	164
2	49	60	72	121	131
3	43	68	70	102	123
4	42	54	68	109	125
5	45	87	68	72	89
6	45	83	90	75	74
7	51	258	72	99	105
8	91	334	54	84	74
9	60	135	50	75	64
10	67	34	54	116	63
11	120	56	94	90	106
12	74	45	142	94	79
13	57	69	151	144	69
14	80	76	456	252	55
15	196	101	743	383	84
16	221	64	182	419	79
17	747	49	113	516	71
18	1730	49	46	382	107
19	1380	72	28	359	74
20	684	52	88	457	57
21	87	50	65	412	82
22	121	90	51	342	61
23	57	52	60	304	50
24	57	47	110	363	47
25	81	54	58	254	78
26	57	85	45	295	62
27	64	55	65	282	50
28	147	57	56	359	77
29	344	90	51	295	63
30	81	69	106	261	51
31	23	—	162	318	—
Mean	224	82	116	244	82
Max.	1730	334	743	516	164
Min.	23	34	28	72	47
A.F.	13770	4880	7140	15020	4870

*Note: Daily discharges are net flow (Flow in Platte River + Flock Drain + Fremont Slough - White Horse Creek)

DISCHARGE IN SECOND-FOOT OF BAYARD SUGAR FACTORY DRAIN NEAR BAYARD
Sec. 5-20-52 W.—Water Year Ending September 30, 1962

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	43	32	30	19	20	20	18	1.0	57	48	55	26
2	36	32	30	20	19	20	18	.1	49	24	59	29
3	35	33	30	20	19	20	18	.1	41	22	56	27
4	31	33	30	20	18	19	18	0	35	24	53	28
5	28	33	30	18	18	19	19	0	35	24	47	28
6	31	33	30	19	17	19	19	2.0	64	26	47	28
7	35	33	30	18	18	20	18	2.6	48	22	41	31
8	35	33	30	17	18	20	18	1.3	45	22	31	29
9	30	33	30	17	18	20	18	.3	36	7.7	22	30
10	32	33	30	19	20	20	18	1.3	32	.2	22	32
11	30	32	28	20	20	20	18	.3	30	.8	24	27
12	28	32	28	19	19	18	18	.5	32	33	27	23
13	30	32	24	20	18	19	18	.6	46	120	24	26
14	30	32	26	20	18	20	18	.4	37	146	22	25
15	30	32	27	20	18	20	18	3.2	55	42	18	27
16	30	31	28	20	18	20	18	10	41	32	12	39
17	30	32	27	19	18	20	18	18	36	28	13	34
18	29	32	29	19	18	20	18	24	32	28	15	34
19	29	32	26	19	18	20	17	19	30	28	16	36
20	30	30	26	20	18	20	13	12	56	34	13	37
21	29	31	28	21	18	20	16	13	51	19	11	37
22	28	31	26	20	18	19	18	30	134	14	14	46
23	30	31	26	20	16	19	17	53	43	20	14	50
24	28	31	23	20	17	20	15	54	36	22	14	51
25	31	31	26	20	17	20	12	120	38	20	13	50
26	32	31	27	19	17	20	2.7	68	35	24	14	47
27	30	31	24	20	18	19	.3	66	31	39	11	48
28	30	31	22	20	20	19	.2	68	31	34	9.2	52
29	32	31	18	20	—	20	0	51	32	35	11	56
30	32	31	19	20	—	19	0	39	55	47	28	56
31	33	—	20	21	—	19	—	36	—	73	28	—
Mean	31	32	27	20	18	20	15	22	44	34	25	36
Max.	43	33	30	21	20	20	19	120	134	146	59	56
Min.	28	30	18	17	16	18	0	0	30	0.2	9.2	23
A.F.	1920	1890	1640	1200	1010	1210	867	1380	2620	2100	1560	2160
Total acre-feet	19560 A.F.											

DISCHARGE IN SECOND-FEET OF BUFFALO CREEK NEAR BIA. CREEK
 Sec. 33-9-18 W.--Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	0	58	15	250	17
2	0	17	15	240	16
3	0	10	16	233	28
4	2	8	36	230	30
5	2	34	25	265	29
6	2	32	20	134	27
7	1	52	18	60	28
8	1	191	13	36	27
9	1	307	9	25	28
10	0	315	10	25	27
11	0	292	34	38	27
12	0	136	48	36	25
13	0	42	159	38	16
14	0	29	157	32	21
15	0	28	60	32	19
16	0	17	27	34	40
17	6	12	74	27	40
18	14	10	218	14	46
19	235	252	313	64	54
20	250	318	332	54	63
21	300	167	324	36	62
22	61	53	157	31	60
23	28	34	56	27	56
24	16	25	33	20	39
25	11	25	25	14	37
26	7	21	131	16	20
27	6	16	48	17	16
28	6	16	104	16	14
29	138	14	74	20	14
30	124	13	39	20	13
31	121	--	44	18	--
Mean	44	85	85	69	31
Max.	300	318	332	280	63
Min.	0	8	9	14	13
A.F.	2680	5050	5220	4270	1860

DISCHARGE IN SECOND-FEET OF CEDAR CREEK NEAR BROADWATER
 Sec. 11-18-48 W.--Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	8	10	20	4	11
2	8	8	14	6	16
3	8	29	10	6	16
4	8	22	10	7	19
5	8	24	11	6	19
6	8	22	10	8	18
7	8	46	23	8	19
8	8	22	14	6	18
9	8	16	17	4	17
10	7	10	11	3	19
11	5	7	13	5	19
12	7	6	10	3	18
13	7	50	44	3	18
14	7	23	47	3	15
15	3	18	38	3	14
16	9	17	16	2	13
17	9	20	16	3	13
18	7	32	38	3	10
19	4	23	38	3	8
20	5	29	34	2	5
21	7	39	34	3	5
22	7	36	8	3	4
23	18	17	6	17	5
24	16	17	17	16	12
25	22	17	8	14	13
26	20	14	15	12	12
27	14	13	12	3	12
28	14	12	15	3	10
29	5	11	15	3	13
30	5	14	12	7	13
31	3	--	14	13	--
Mean	9	21	19	6	13
Max.	22	50	47	17	19
Min.	3	6	6	2	4
A.F.	540	1240	1170	360	800

DISCHARGE IN SECOND-FEET OF CLEVELAND DRAIN
 Sec. 6-20-52 W.--Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	1	5	17	4	20
2	1	10	8	4	22
3	1	6	21	25	22
4	1	5	19	25	21
5	2	5	19	25	20
6	1	8	17	22	20
7	3	8	16	15	21
8	1	9	16	9	23
9	3	7	17	8	22
10	5	5	17	6	23
11	6	4	11	6	23
12	6	4	11	7	15
13	5	12	18	7	19
14	9	11	13	5	20
15	10	11	7	4	18
16	12	11	5	6	18
17	24	13	35	5	18
18	26	13	10	8	17
19	28	12	12	9	16
20	30	23	14	11	16
21	32	21	16	6	15
22	32	8	18	7	15
23	33	12	19	6	18
24	25	22	26	9	21
25	32	22	19	12	15
26	14	20	18	13	13
27	14	21	10	9	15
28	11	21	18	9	15
29	11	22	15	7	18
30	6	24	12	12	17
31	4	--	20	18	--
Mean	13	12	16	10	19
Max.	33	24	35	25	23
Min.	1	4	5	4	13
A.F.	770	750	980	630	1100

DISCHARGE IN SECOND-FEET OF COLD WATER CREEK NEAR LISCO
 Sec. 34-18-46 W.--Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	1	2	3	3	4
2	1	2	3	3	4
3	1	2	3	3	3
4	1	2	3	3	3
5	1	2	3	3	3
6	1	2	3	3	3
7	1	2	3	3	3
8	1	2	3	3	3
9	1	3	3	3	3
10	1	3	3	3	3
11	1	3	3	3	3
12	1	3	3	3	3
13	1	5	3	3	3
14	1	4	3	3	3
15	1	3	3	3	3
16	1	3	3	3	3
17	2	4	3	3	3
18	2	3	3	3	3
19	2	3	3	3	3
20	2	4	3	3	3
21	2	3	3	3	3
22	2	3	3	3	3
23	2	3	3	3	3
24	2	3	3	3	3
25	2	3	3	3	3
26	2	2	3	3	3
27	2	2	3	3	3
28	2	2	3	3	3
29	2	2	3	3	3
30	2	2	3	3	3
31	2	--	3	4	--
Mean	1	3	3	3	3
Max.	2	5	3	4	4
Min.	1	2	3	3	3
A.F.	90	160	190	190	180

CRESCENT LAKE STORAGE IN ACHE-FEET
Head of Blue Creek--Sec. 21-20-44 W.

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	1240	1400	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	1280	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	250	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	1190	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	1100	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	780	---	---	---	---
18	---	---	---	---	---	---	---	840	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	700	840	---	---	---	---	---
21	---	---	---	---	660	---	---	---	---	1330	---	---
22	---	300	---	---	---	890	---	---	---	---	880	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	860	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	1290	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	952	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	750	---
30	---	---	---	---	---	---	---	---	---	---	---	700
31	---	---	250	560	---	880	---	---	---	---	---	---

DISCHARGE IN SECOND FEET OF DAWSON COUNTY DRAIN NO. 2
Sec. 25-10-23 W.--Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	2	9	9	42	7
2	2	10	8	11	6
3	2	10	8	9	6
4	2	9	8	9	6
5	2	10	8	7	6
6	2	22	8	7	6
7	1	75	8	7	7
8	2	85	7	7	6
9	2	17	7	9	7
10	2	13	8	10	7
11	2	13	118	9	5
12	2	12	13	9	5
13	2	11	10	8	25
14	3	10	11	8	5
15	3	9	11	9	5
16	4	9	10	10	5
17	7	40	48	9	10
18	40	19	29	11	5
19	7	11	10	10	5
20	6	10	13	10	5
21	6	10	10	10	5
22	6	9	10	10	5
23	6	9	8	9	5
24	5	8	8	9	5
25	5	8	8	9	5
26	5	8	8	9	5
27	5	8	8	8	5
28	16	8	9	8	5
29	26	8	9	8	4
30	10	8	9	7	5
31	9	-	9	7	-
Mean	6	16	14	10	6
Max.	40	85	118	42	25
Min.	1	8	7	7	4
A.F.	380	970	890	610	370

DISCHARGE IN SECOND-FEET OF DUGOUT CREEK, UPPER
NEAR NORTHPORT--Sec. 20-20-50 W.
Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	1	2	21	10	12
2	1	2	18	11	13
3	1	2	18	9	13
4	1	2	17	9	14
5	1	2	19	9	14
6	1	2	16	8	14
7	1	2	17	7	14
8	1	2	14	5	15
9	3	2	11	6	15
10	2	2	8	5	16
11	1	2	8	5	18
12	1	2	11	5	18
13	1	2	14	5	17
14	3	1	8	6	16
15	1	1	24	6	15
16	1	3	23	7	16
17	3	20	14	7	16
18	1	18	16	8	16
19	1	18	16	9	15
20	1	25	13	9	15
21	1	24	16	8	15
22	2	24	12	9	15
23	1	33	13	9	14
24	1	32	13	9	13
25	1	30	10	10	13
26	1	21	12	10	13
27	2	22	10	11	12
28	2	30	12	12	12
29	2	29	11	12	12
30	2	27	11	15	11
31	2	---	11	14	---
Mean	1	13	14	9	14
Max.	3	33	24	15	18
Min.	1	1	8	5	11
A.F.	90	760	870	530	860

DISCHARGE IN SECOND-FEET OF ELM CREEK
 Sec. 33-9-18 W.--Water Year Ending September 30, 1962

DISCHARGE IN SECOND-FEET OF INDIAN CREEK NEAR NORTHPORT
 Sec. 19-20-50 W.--Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	0	8	0	50	12
2	0	5	0	54	11
3	0	5	4	58	14
4	0	6	5	76	4
5	0	6	2	36	4
6	0	30	1	23	17
7	0	84	0	17	21
8	0	208	0	8	18
9	0	150	0	1	18
10	0	59	1	0	18
11	0	28	11	5	24
12	4	16	39	4	23
13	0	238	13	1	21
14	0	23	6	0	25
15	0	7	2	1	25
16	0	3	2	11	7
17	0	2	186	19	9
18	0	62	211	25	19
19	191	15	77	18	23
20	64	4	176	18	19
21	21	3	41	20	17
22	25	1	22	13	16
23	6	0	12	11	14
24	0	0	3	8	6
25	0	0	2	13	6
26	0	0	2	8	7
27	0	0	0	7	7
28	130	0	18	7	7
29	56	0	0	22	7
30	85	0	23	13	7
31	17	-	23	15	-
Mean	19	32	28	18	14
Max.	191	238	211	76	25
Min.	0	0	0	0	4
A.F.	1190	1910	1750	1120	840

Date	May	June	July	Aug.	Sept.
1	3	3	16	18	15
2	4	3	16	14	15
3	4	3	17	15	13
4	4	3	17	17	14
5	4	2	17	21	14
6	4	3	18	23	14
7	3	3	27	18	25
8	3	4	27	17	26
9	16	3	28	17	28
10	10	3	30	14	31
11	5	3	27	13	31
12	6	3	19	14	29
13	6	3	24	14	32
14	10	3	16	13	25
15	7	3	11	14	26
16	6	6	11	15	37
17	20	3	12	15	35
18	20	12	13	11	33
19	16	15	13	10	34
20	11	12	13	10	29
21	4	11	14	10	28
22	2	10	12	12	30
23	3	12	12	11	31
24	2	12	13	13	31
25	2	12	10	13	31
26	2	11	12	12	31
27	2	12	13	11	26
28	3	14	12	10	29
29	3	14	12	7	30
30	3	15	16	13	34
31	3	---	14	16	---
Mean	6	7	17	14	27
Max.	20	15	30	23	37
Min.	2	2	10	7	13
A.F.	380	430	1020	850	1600

OLIVER RESERVOIR STORAGE IN ACRE-FEET
 From Lodgepole Creek--Sec. 36-15-57 W.
 Water Year Ending September 30, 1962

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	----	1900	----	----	3200	----	----	----	----	4720	3700	1780
2	----	----	----	----	----	3650	----	----	4450	4740	3640	1750
3	----	----	----	----	----	----	----	----	4500	4740	3600	1730
4	----	----	----	2930	----	----	----	4320	4500	4750	3570	1710
5	----	----	----	----	----	----	4100	4320	4500	4740	3500	1660
6	1440	----	----	----	----	----	----	4310	4500	4750	3470	1620
7	----	----	2540	----	----	----	----	4310	4570	4740	3380	1580
8	----	----	----	----	----	----	----	4310	4610	4820	3350	1570
9	----	----	----	----	3310	3800	----	4310	4650	4750	3365	1550
10	----	1940	----	----	----	----	4200	4310	4570	4750	3130	1550
11	----	----	----	----	----	----	----	4320	4570	4740	----	----
12	----	----	----	3040	----	----	----	4310	4590	4750	2990	----
13	1530	----	----	----	----	----	----	4310	4580	4680	2900	----
14	----	----	2620	----	----	----	----	4310	4660	----	2870	----
15	----	----	----	----	3450	----	----	4300	4650	----	----	----
16	----	----	----	----	----	3930	----	4300	4680	4420	2840	1570
17	----	----	----	----	----	----	----	4310	4680	4340	2650	1570
18	----	----	----	----	----	----	----	4300	4680	4300	2570	1570
19	----	----	----	----	----	----	4240	4320	4680	4110	2550	1570
20	1650	----	----	----	----	----	----	4360	----	3960	2470	1550
21	----	----	----	----	----	----	----	4360	4680	3970	2390	----
22	----	2170	2710	----	----	----	----	4360	4690	3770	2240	----
23	----	----	----	----	----	3990	----	4360	4690	3790	2220	----
24	----	----	----	----	----	----	----	----	4700	3750	2110	----
25	----	----	----	----	----	----	----	4340	4700	3700	2070	----
26	1770	----	----	3110	----	----	----	4390	4700	----	1990	----
27	----	----	----	----	----	----	4320	----	4700	3730	1990	1520
28	----	----	----	----	----	----	----	4380	4710	3700	1990	1510
29	----	----	2810	----	----	----	----	4450	4710	3670	1930	1450
30	----	2430	----	----	----	4030	----	4450	4710	3620	1810	1450
31	----	----	----	----	----	----	----	4450	----	3630	1730	----

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
 BELOW OLIVER RESERVOIR AND NEW RUTHER DIVERSTION DAM
 Sec. 31-15-56 W.--Water Year Ending September 30, 1962

DISCHARGE IN SECOND-FEET OF LODGEPOLE CREEK
 ABOVE BENNETT RESERVOIR--Sec. 29-15-55 W.
 Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.	Date	May	June	July	Aug.	Sept.
1	4	1	1	5	8	1	7	0	0	5	2
2	4	1	1	2	7	2	7	0	0	2	2
3	4	1	1	4	7	3	5	0	0	0	1
4	4	1	1	5	6	4	1	0	0	0	1
5	4	1	1	9	7	5	1	0	0	2	4
6	6	1	3	9	6	6	1	0	0	0	4
7	6	1	4	8	6	7	1	0	3	5	23
8	3	1	4	7	4	8	1	0	3	5	7
9	2	1	4	8	3	9	1	0	0	0	6
10	4	1	3	8	3	10	1	0	3	0	6
11	4	1	5	9	4	11	1	0	4	0	6
12	3	1	8	9	3	12	1	0	3	0	6
13	3	1	8	8	4	13	0	0	2	0	6
14	3	1	9	8	4	14	2	0	53	0	7
15	2	1	9	8	3	15	2	0	8	0	6
16	2	1	9	9	2	16	0	0	10	0	4
17	2	1	9	8	2	17	0	0	10	0	4
18	3	1	9	8	2	18	3	0	11	0	5
19	3	1	9	8	1	19	2	0	11	0	5
20	1	1	9	8	1	20	0	0	10	0	5
21	2	1	4	8	1	21	0	6	10	0	7
22	2	1	4	8	1	22	0	4	10	0	4
23	1	1	4	8	1	23	0	3	9	0	5
24	1	1	3	8	1	24	0	2	9	0	4
25	1	4	3	8	1	25	0	2	1	0	5
26	1	4	3	8	1	26	0	3	3	0	5
27	2	4	3	8	2	27	1	0	1	0	5
28	1	4	6	8	2	28	1	0	1	0	4
29	1	2	6	8	2	29	1	0	8	0	4
30	1	2	4	8	1	30	1	2	10	0	4
31	1	-	4	8	-	31	0	-	4	3	-
Mean	3	1	5	8	3	Mean	1	1	6	1	5
Max.	6	4	9	9	8	Max.	7	6	53	5	23
Min.	1	1	1	2	1	Min.	0	0	0	0	1
A.F.	160	90	300	470	190	A.F.	80	50	390	40	310

BENNETT RESERVOIR STORAGE IN ACRE-FEET
 A-657, A-1974, on Lodgepole Creek--Sec. 22-15-55 W.
 Water Year Ending September 30, 1962

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	970	---	---	990	---	---	---	---	---	---	---
2	---	---	---	---	---	830	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	1070	---	---	---	900	---	---	---	---
5	---	---	---	---	---	---	880	---	---	---	---	610
6	830	---	---	---	---	---	---	---	---	---	---	---
7	---	---	920	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	710	---	---	---
9	---	---	---	---	960	810	---	---	---	---	---	---
10	---	---	---	---	---	---	910	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	610
12	---	---	---	1010	---	---	---	---	---	560	---	---
13	880	---	---	---	---	---	---	---	---	---	---	---
14	---	---	960	---	---	---	---	---	730	---	---	---
15	---	940	---	---	940	---	---	---	---	---	710	---
16	---	---	---	---	---	840	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	770	---	---
18	---	---	---	---	---	---	---	820	---	---	---	---
19	---	---	---	960	---	---	870	---	---	---	---	---
20	920	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	560	680
22	---	---	990	---	---	---	---	---	670	---	---	---
23	---	---	---	---	---	830	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	810	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	970	---	---	980	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	890	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	700
29	---	---	1040	---	---	---	---	---	---	---	---	---
30	---	860	---	---	---	847	---	---	---	---	---	700
31	---	---	---	---	---	---	---	---	---	860	---	---

BOX BUTTE RESERVOIR STORAGE IN ACRE-FEET
From Niobrara River--Sec. 28-29-49 W.
Live Storage for Irrigation
Water Year Ending September 30, 1962

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	3710	5310				13180	15940			22340		11210
2			7520									
3	3710											10920
4											20760	
5												
6									20050			
7												
8												
9										22420		
10		5760			12040	14050		16820			17460	10470
11							16640					
12				9950								
13	4500											
14												
15												
16												
17												
18										22870		
19	4950		8750								14040	
20					12880	14910	16760	17560	21600			9350
21												
22												
23				11110								
24												
25												
26								18000				8780
27												
28										20640		
29								18860				
30												8910
31			9510	11180								

DISCHARGE IN SECOND-FEET OF MELBETA DRAIN NEAR
MELBETA--Sec. 13-21-54 W.
Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	1	14	11	23	6
2	1	2	1	2	9
3	1	0	1	4	7
4	1	5	1	17	6
5	1	4	1	12	5
6	1	75	1	8	6
7	1	3	1	7	4
8	1	7	1	4	6
9	1	2	1	4	8
10	26	2	1	2	18
11	37	1	9	2	15
12	13	2	1	6	15
13	33	22	75	6	15
14	25	2	75	5	12
15	3	2	3	5	19
16	24	1	2	2	12
17	27	22	16	2	11
18	18	1	13	2	13
19	9	1	15	4	17
20	0	29	16	3	10
21	8	46	13	4	14
22	5	10	16	4	16
23	5	2	16	2	12
24	1	1	12	2	11
25	75	2	10	6	12
26	2	1	7	4	7
27	0	1	3	2	15
28	75	1	18	2	15
29	0	1	7	3	4
30	0	1	8	4	0
31	0	-	57	13	-
Mean	13	9	13	5	11
Max.	75	75	75	23	19
Min.	0	0	1	2	0
A.F.	780	520	820	330	640

DISCHARGE IN SECOND-FEET OF SILVERMAIL DRAIN
NEAR BRIDGEPORT--Sec. 6-19-49 W.
Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	4	3	34	19	14
2	4	3	32	25	28
3	5	4	26	20	18
4	6	4	22	17	21
5	8	4	25	25	33
6	9	3	13	15	34
7	10	3	23	9	33
8	38	3	23	7	23
9	38	3	23	7	31
10	18	3	15	7	30
11	3	4	15	7	33
12	2	4	15	7	24
13	1	4	27	12	30
14	7	3	31	6	24
15	2	4	10	6	19
16	16	4	6	5	16
17	22	6	18	4	16
18	2	42	32	7	21
19	2	39	32	5	16
20	1	50	32	9	19
21	2	24	18	13	21
22	2	38	16	13	19
23	2	23	16	16	19
24	2	41	16	16	22
25	2	29	9	4	25
26	2	15	24	6	14
27	2	26	29	8	12
28	2	23	18	12	8
29	2	28	21	10	6
30	2	31	24	23	8
31	3	-	27	13	-
Mean	7	16	22	11	21
Max.	38	50	34	25	34
Min.	1	3	6	4	6
A.F.	440	940	1330	700	1260

DISCHARGE IN SECOND-FEET OF STREVER CREEK
 Sec. 1-8-20 W.--Water Year Ending September 30, 1962

Date	May	June	July	Aug.	Sept.
1	16	54	27	150	18
2	12	43	36	95	21
3	14	54	36	143	20
4	13	61	32	120	20
5	15	52	33	79	20
6	13	55	34	66	21
7	10	111	34	50	20
8	13	180	29	42	20
9	13	170	28	42	17
10	11	150	37	39	20
11	9	130	43	41	19
12	9	120	140	36	20
13	9	111	94	36	18
14	7	64	56	38	19
15	22	46	39	35	19
16	19	36	32	33	22
17	26	87	158	33	26
18	78	150	201	32	35
19	130	150	148	32	33
20	120	144	740	31	28
21	58	76	390	31	28
22	31	46	156	30	28
23	25	36	63	5	28
24	22	7	47	38	28
25	21	25	44	26	28
26	20	24	59	25	28
27	19	24	12	5	26
28	120	25	52	24	24
29	180	24	47	20	23
30	150	27	51	18	19
31	91	—	63	18	—
Mean	42	76	96	46	23
Max.	180	180	740	150	35
Min.	7	7	12	5	17
A.F.	2570	4530	5870	2800	1380

WHITNEY RESERVOIR STORAGE IN ACRE-FEET
 From White River--Sec. 34-33-51 W.
 Water Year Ending September 30, 1962

Date	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	6770
5	---	---	---	4400	5560	---	7950	8660	---	---	---	---
6	---	1550	3390	---	---	---	---	---	---	---	9450	---
7	---	---	---	---	---	6730	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	1600	---	---	---	---	---	---	---	---	---	---	6410
11	---	---	---	---	---	---	8110	---	---	---	---	---
12	---	---	---	---	---	---	---	---	10160	---	---	---
13	---	---	3570	---	5830	---	---	---	---	---	8930	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	7170	---	---	---	---	---	---
17	---	---	---	4740	---	---	---	---	---	---	---	6010
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	3890	---	---	---	---	---	---	---	---	---
20	---	2790	---	---	6180	---	8530	---	10340	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	1500	---	---	---	---	---	---	---	---	10100	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	5060	---	---	---	---	---	---	---	---
27	---	---	---	---	---	7550	8620	---	---	---	---	---
28	---	3120	---	---	6530	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	9900	---	5460
31	---	---	---	---	---	---	---	---	---	---	---	---

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DAILY DIVERSIONS OF CANALS

1962

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DAILY DIVERSIONS OF CANALS--1962

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

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	20	0	0	0	22
2	0	15	0	0	0	23
3	0	17	0	0	1	23
4	0	11	0	0	2	24
5	0	11	0	0	1	24
6	0	12	0	0	1	24
7	0	11	0	0	0	24
8	0	12	0	0	8	24
9	0	22	0	10	12	24
10	0	29	0	20	12	26
11	0	26	0	22	14	23
12	0	27	0	23	17	21
13	0	27	0	6	12	24
14	0	27	0	6	8	23
15	0	29	0	0	12	24
16	0	33	0	0	21	23
17	0	36	0	0	19	16
18	0	39	0	0	12	16
19	0	37	0	0	13	18
20	0	34	0	0	12	20
21	0	35	0	5	21	20
22	0	30	0	13	21	8
23	0	0	0	12	22	0
24	0	0	0	12	21	0
25	0	0	0	20	20	0
26	5	0	0	19	21	0
27	13	0	0	6	22	0
28	13	0	0	4	24	0
29	14	0	0	4	25	0
30	17	0	0	2	25	0
31	--	0	--	0	22	--
Mean	2	17	0	6	14	16
Max.	17	39	0	23	25	26
Min.	0	0	0	0	0	0
A.F.	120	1070	0	360	840	940

Water diverted 3330 A.F.
Acreage reported D-874,1035-2106
(A-1776 O.D.)

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	6	0	23	0	0	51	72
2	6	0	23	0	0	56	61
3	6	0	22	0	0	61	55
4	6	0	18	0	0	66	48
5	6	0	19	0	0	67	50
6	2	0	18	0	13	71	48
7	0	0	17	0	13	63	36
8	0	0	30	0	23	55	36
9	0	0	44	0	20	51	41
10	0	0	26	0	36	48	43
11	0	0	17	0	33	61	45
12	0	0	25	0	26	62	38
13	0	0	43	0	0	52	42
14	0	0	29	0	0	49	41
15	0	0	29	0	0	50	44
16	0	0	31	0	20	56	37
17	0	0	18	0	23	50	44
18	0	0	24	0	24	48	48
19	0	6	19	0	23	53	48
20	0	15	19	0	22	43	42
21	0	18	18	0	26	46	48
22	0	17	20	0	24	54	49
23	0	17	19	0	28	58	48
24	0	17	17	0	26	59	46
25	0	18	0	0	21	59	40
26	0	18	0	0	22	62	42
27	0	15	0	0	14	61	47
28	0	15	0	0	23	60	50
29	0	21	0	0	34	59	45
30	0	22	0	0	23	51	41
31	0	--	0	--	40	66	--
Mean	1	7	18	0	18	56	46
Max.	6	22	44	0	40	71	72
Min.	0	0	0	0	0	43	36
A.F.	60	390	1130	0	1100	3470	2730

Water diverted 8880 A.F.
Acreage reported D-874,1035-4022, A-1181-80, A-1432-80,
A-1436-18, Total-4200

DAILY DIVERSIONS OF CANALS--1962

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	2	0	0	0	0
4	2	0	0	0	0
5	2	0	0	0	0
6	2	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	2	0	0	0	0
13	2	0	0	0	0
14	0	0	0	2	0
15	0	0	0	2	0
16	0	0	0	2	0
17	0	0	0	2	0
18	0	0	0	2	0
19	0	0	0	2	0
20	0	0	0	2	0
21	0	0	0	1	0
22	0	0	0	1	0
23	0	0	0	1	0
24	0	0	0	1	0
25	0	0	0	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	3	0
31	0	--	0	3	--
Mean	1	0	0	1	0
Max.	2	0	0	3	0
Min.	0	0	0	0	0
A.F.	40	0	0	70	0

Water diverted 110 A.F.
Acreage reported D-342-55, D-344-30, A-897R-8, 77
A-4531-50, Total-143

DAILY DIVERSIONS OF CANALS--1962

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

Date	Oct.	May	June	July	Aug.	Sept.
1	0	5	0	9	70	61
2	12	30	0	0	54	59
3	13	24	0	0	17	60
4	6	24	0	0	0	57
5	4	26	0	0	0	48
6	4	25	0	9	0	44
7	4	28	0	19	0	39
8	3	30	0	18	0	34
9	3	32	0	15	0	31
10	4	32	0	14	19	33
11	4	37	0	11	36	30
12	4	40	0	12	22	24
13	5	38	0	14	39	20
14	4	44	0	11	70	18
15	4	50	0	11	93	15
16	1	49	0	20	106	15
17	0	42	0	12	115	6
18	0	14	0	0	119	0
19	0	0	25	0	120	0
20	0	0	32	0	122	0
21	0	0	16	0	127	0
22	0	0	11	0	128	0
23	0	0	18	19	129	0
24	0	0	18	30	130	0
25	0	0	17	26	118	0
26	0	0	17	36	117	0
27	0	0	18	48	107	0
28	0	0	18	45	94	9
29	0	0	18	41	88	17
30	0	0	18	60	84	17
31	0	0	--	68	71	--
Mean	2	18	8	18	71	21
Max.	13	50	32	68	130	61
Min.	0	0	0	0	0	0
A.F.	150	1130	450	1090	4350	1260

Water diverted 8430 A.F.
Acreage reported A-3869dR-6273; A-6217-249; Total-6522

DAILY DIVERSIONS OF CANALS--1962
 BEERLINE CANAL from North Platte River
 Measured through rating flume--Sec. 24-19-49 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	11	3	0	0	7
2	0	11	4	0	0	10
3	0	10	4	0	0	10
4	0	7	2	0	0	9
5	0	6	1	0	0	8
6	0	4	3	0	0	8
7	0	11	3	0	0	6
8	0	21	2	0	0	6
9	0	17	2	0	0	6
10	0	3	1	7	2	7
11	0	0	1	9	9	8
12	0	1	1	7	13	9
13	0	2	3	6	13	6
14	0	3	2	2	18	3
15	0	0	2	0	20	3
16	0	2	2	0	17	3
17	3	0	3	0	13	3
18	13	0	3	0	12	2
19	13	0	1	0	12	2
20	13	3	1	0	11	4
21	13	0	2	0	11	4
22	13	0	2	2	14	4
23	15	3	2	5	7	6
24	16	9	2	11	0	6
25	14	10	2	5	0	6
26	14	7	2	6	0	7
27	13	6	2	10	15	7
28	12	7	2	3	18	6
29	11	6	0	0	14	0
30	10	5	0	8	11	1
31	--	2	--	3	6	--
Mean	6	5	2	3	8	6
Max.	16	21	4	11	20	10
Min.	0	0	0	0	0	0
A.F.	340	330	120	170	470	330

Water diverted 1760 A.F.
 Acreage reported D-887-2080
 Pathfinder storage available

DAILY DIVERSIONS OF CANALS--1962
 BELMONT CANAL from North Platte River
 Measured through rating flume--Sec. 18-20-51 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	38	32	60	18	89	113
2	29	31	42	14	108	112
3	38	35	40	24	111	111
4	40	55	34	24	108	108
5	0	51	30	34	112	107
6	0	41	31	40	113	105
7	0	42	22	37	119	104
8	0	55	18	53	120	103
9	0	64	17	51	133	103
10	0	98	16	65	131	89
11	0	94	22	69	131	73
12	0	61	30	62	133	65
13	0	64	32	25	123	104
14	0	71	25	14	113	100
15	0	108	25	26	112	96
16	0	122	34	31	112	96
17	0	111	41	37	112	101
18	0	98	24	36	113	111
19	0	88	31	45	114	104
20	0	85	45	41	114	103
21	0	83	29	42	114	101
22	0	85	24	74	115	100
23	0	85	18	91	115	101
24	0	79	17	104	114	103
25	0	51	16	103	113	101
26	0	26	15	101	114	99
27	0	24	13	107	112	101
28	0	29	14	100	112	94
29	0	29	28	103	113	94
30	0	23	30	113	114	88
31	0	33	--	75	112	--
Mean	5	63	27	57	115	100
Max.	40	122	60	113	133	113
Min.	0	23	13	14	89	88
A.F.	290	3870	1630	3490	7080	5930

Water diverted 22290 A.F.

DAILY DIVERSIONS OF CANALS--1962
 BELMONT CANAL from Cedar Creek
 Measured through rating flume--Sec. 23-18-48 W.

Date	May	June	July	Aug.	Sept.
1	0	9	8	6	7
2	0	7	8	7	7
3	0	5	8	7	7
4	0	4	7	7	7
5	0	3	7	6	7
6	0	4	7	6	7
7	0	4	7	6	7
8	0	3	7	6	7
9	0	3	7	6	7
10	4	3	7	6	2
11	7	3	3	6	0
12	7	2	0	6	0
13	7	0	0	6	0
14	7	0	0	6	0
15	8	0	0	6	0
16	8	0	0	6	0
17	8	0	0	7	0
18	9	0	0	6	2
19	9	0	0	7	4
20	8	0	0	7	4
21	8	0	0	7	4
22	8	0	0	7	4
23	8	0	0	7	5
24	8	0	0	7	5
25	8	0	0	7	5
26	8	0	0	7	5
27	8	0	0	7	5
28	8	5	0	7	5
29	8	9	0	7	5
30	8	10	4	7	3
31	9	--	6	7	--
Mean	6	2	3	7	4
Max.	9	10	8	7	7
Min.	0	0	0	6	0
A.F.	340	150	170	400	240

Water diverted 1300 A.F.

DAILY DIVERSIONS OF CANALS--1962
 BELMONT SPILL into Pumpkinseed Creek
 For D-828 lands via Meredith-Ammer Canal
 Measured through 12-foot weir--Sec. 23-19-50 W

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	13
2	0	0	0	0	14
3	0	0	0	0	14
4	8	0	0	0	14
5	11	0	0	0	15
6	4	0	0	0	15
7	3	0	0	0	14
8	6	0	0	0	15
9	9	0	0	0	15
10	20	0	0	0	14
11	8	0	0	0	13
12	1	0	0	0	12
13	1	0	0	0	14
14	1	0	0	0	14
15	1	0	0	0	14
16	1	0	0	0	13
17	1	0	0	0	13
18	1	0	0	0	12
19	1	0	0	0	12
20	1	0	0	0	11
21	1	0	0	0	10
22	1	0	0	0	10
23	1	0	0	0	10
24	1	0	0	0	13
25	0	0	0	0	16
26	0	0	0	0	16
27	0	0	0	0	16
28	0	0	0	0	16
29	0	0	0	0	16
30	0	0	0	0	16
31	0	--	0	8	--
Mean	3	0	0	0	14
Max.	20	0	0	8	16
Min.	0	0	0	0	10
A.F.	160	0	0	20	810

Water returned 990 A.F.

DAILY DIVERSIONS OF CANALS--1962

BELMONT CANAL
Summary in Acre-feet--1962

	Oct.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	290	3870	1630	3490	7080	5930	22290
Cedar Creek.....	0	340	150	170	400	240	1300
Total diversion.....	290	4210	1780	3660	7480	6170	23590

Water diverted 23590 A.F.
Acreage reported D-828-14351

DAILY DIVERSIONS OF CANALS--1962
BENNETT CANAL from Lodgepole Creek
Measured through rating flume--Sec. 22-15-55 W.

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

Water diverted 120 A.F.
Acreage reported A-691-86, A-1975(storage)-
418, Total-504

DAILY DIVERSIONS OF CANALS--1962
BENNETT-KAY CANAL from Niobrara River
Measured through rating flume--Sec. 1-28-54 W.

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

Water diverted 270 A.F.
Acreage reported A-1249-241

DAILY DIVERSIONS OF CANALS--1962
 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	3	3
2	0	0	0	3	3
3	1	0	0	2	3
4	1	0	0	3	3
5	1	0	0	3	3
6	1	0	0	3	2
7	1	0	0	3	2
8	0	0	0	3	2
9	0	0	0	3	3
10	0	0	1	2	2
11	0	0	1	3	2
12	0	0	2	3	2
13	0	0	2	2	2
14	0	0	0	2	2
15	0	0	0	2	2
16	0	0	0	2	2
17	0	0	0	2	2
18	0	0	0	2	2
19	0	0	0	2	2
20	0	0	0	2	2
21	0	0	0	2	2
22	0	0	0	2	2
23	0	0	0	2	2
24	0	0	0	2	2
25	0	0	0	2	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	0	0	2	2
31	0	-	3	2	-
Mean	0	0	0	2	2
Max.	1	0	3	3	3
Min.	0	0	0	2	2
A.F.	10	0	20	140	130

Water diverted 300 A.F.
 Acreage reported D-347-22, A-719-61, A-724-8,
 Total-91

DAILY DIVERSIONS OF CANALS--1962
 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	1	0	0	0
5	0	0	0	0	0
6	0	1	0	0	0
7	0	0	0	0	0
8	0	1	0	0	0
9	1	1	0	0	0
10	2	1	0	0	0
11	2	1	0	1	0
12	2	0	0	2	0
13	1	0	0	2	0
14	0	0	0	3	0
15	0	0	0	3	0
16	0	0	0	3	0
17	0	0	0	3	0
18	0	0	0	2	0
19	0	0	0	1	0
20	0	0	0	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	1	0	0	0	0
26	2	0	0	0	0
27	2	0	0	0	0
28	2	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	1	0	0	1	0
Max.	2	1	0	3	0
Min.	0	0	0	0	0
A.F.	30	10	0	40	0

Water diverted 80 A.F.
 Acreage reported D-510-45

DAILY DIVERSIONS OF CANALS--1962
 BIRDWOOD CANAL from Birdwood Creek
 Measured through Parshall flume--Sec. 35-15-33 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	15	3	0	18	23	16	30
2	15	12	0	15	2	6	28
3	15	10	0	15	5	5	17
4	15	8	0	4	16	6	9
5	14	7	0	15	13	6	8
6	14	7	0	28	11	10	8
7	14	8	0	30	11	20	9
8	14	9	0	22	9	20	8
9	13	9	22	18	9	24	8
10	13	9	24	14	11	26	8
11	13	8	22	13	9	28	9
12	13	8	30	18	1	26	7
13	12	8	31	15	12	35	7
14	12	2	30	12	1	35	8
15	12	0	30	14	0	36	10
16	12	0	37	16	5	36	12
17	11	0	8	26	15	31	10
18	11	0	0	16	0	31	10
19	11	0	2	14	5	32	10
20	11	0	6	16	14	30	9
21	10	0	18	20	4	30	8
22	10	0	17	5	3	30	9
23	10	0	17	3	3	31	10
24	9	0	17	9	5	32	10
25	9	0	18	13	5	32	13
26	9	0	30	15	5	32	11
27	10	0	18	16	6	32	6
28	10	0	15	17	5	32	5
29	11	0	0	18	5	35	6
30	7	0	2	23	8	36	7
31	0	-	13	--	11	30	-
Mean	11	4	13	16	7	26	10
Max.	15	12	37	30	23	36	30
Min.	0	0	0	3	0	5	5
A.F.	700	210	810	970	460	1610	620

Water diverted 5380 A.F.
 Acreage reported D-646-5287

DAILY DIVERSIONS OF CANALS--1962
 BLUE CREEK CANAL from Blue Creek and Crescent Lake
 Measured through 8-foot Parshall flume--Sec. 33-17-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	25	0	0	0	48	36
2	23	0	0	0	45	22
3	22	0	0	0	42	21
4	21	4	0	0	42	6
5	18	27	0	0	41	3
6	18	38	0	0	41	2
7	18	41	0	0	40	2
8	18	41	0	0	40	2
9	18	38	0	0	41	2
10	18	37	0	0	41	2
11	18	37	0	0	39	10
12	18	36	0	0	40	22
13	18	36	0	0	40	23
14	18	36	0	0	40	23
15	18	33	0	0	40	23
16	18	0	0	0	39	22
17	18	23	0	0	38	23
18	18	28	0	0	37	26
19	19	21	0	0	38	34
20	8	19	0	0	38	34
21	0	19	0	0	39	37
22	0	20	0	0	37	39
23	0	21	0	0	37	39
24	0	17	0	0	37	39
25	0	18	0	0	37	42
26	0	20	0	20	30	42
27	0	18	0	41	32	39
28	0	0	0	41	36	39
29	0	0	0	39	35	32
30	0	0	0	39	36	28
31	0	0	-	42	38	--
Mean	12	20	0	7	39	24
Max.	25	41	0	42	48	42
Min.	0	0	0	0	30	2
A.F.	730	1240	0	440	2390	1420

Water diverted 6220 A.F.
 Acreage reported D-785-2549, D-795-339, A-1154-30,
 Total-2918

DAILY DIVERSIONS OF CANALS--1962
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	595	37	328	357	257	0	0	559	354	536	360	1
2	578	155	587	341	269	0	0	541	584	92	108	300
3	575	259	591	339	278	0	0	294	584	564	0	350
4	591	564	591	326	290	0	53	537	577	566	286	111
5	568	0	384	335	286	0	378	537	573	566	244	483
6	147	202	580	357	285	0	510	544	478	573	352	501
7	592	562	168	343	285	0	523	534	0	570	562	505
8	585	591	0	335	281	0	530	534	0	570	551	523
9	594	399	0	353	281	48	501	126	193	541	535	552
10	364	591	0	374	290	56	490	548	551	534	525	562
11	557	598	0	269	289	55	516	541	566	295	521	552
12	561	365	0	141	293	34	307	537	555	551	509	541
13	310	594	0	195	189	5	537	537	570	554	497	519
14	561	487	0	240	0	53	526	559	570	562	487	530
15	584	591	13	273	0	37	526	541	562	551	269	296
16	578	112	111	310	0	40	534	541	576	278	517	548
17	580	211	307	330	0	152	541	292	56	240	501	587
18	568	346	353	368	0	206	234	276	175	269	466	598
19	276	358	362	372	0	0	508	0	530	564	490	601
20	585	296	352	384	0	0	519	329	534	551	456	594
21	582	552	346	384	0	0	516	552	541	549	434	566
22	571	358	326	380	0	0	534	269	525	536	403	584
23	584	577	350	345	0	0	526	573	543	522	410	570
24	580	577	366	301	0	0	512	570	548	508	358	358
25	289	406	362	301	0	0	505	555	203	270	333	580
26	585	580	350	277	0	19	501	541	573	554	338	577
27	592	220	354	273	0	0	324	506	570	562	87	580
28	589	587	353	239	0	0	555	94	562	562	0	584
29	585	584	339	248	-	0	559	544	552	529	0	580
30	378	591	343	256	-	0	555	552	537	519	1	598
31	598	---	339	256	-	0	---	544	---	544	1	---
Mean	525	412	276	310	128	23	427	458	458	490	342	494
Max.	598	598	591	384	293	206	559	573	584	573	562	601
Min.	147	0	0	141	0	0	0	0	0	92	0	1
A.F.	32290	24500	16970	19050	7090	1400	25430	28180	27260	30110	21030	29420
Total acre-feet 262700 A.F.												

DAILY DIVERSIONS OF CANALS--1962
BROWNS CREEK CANAL from North Platte River
Measured through Parshall flume--Sec. 28-20-50 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	29	0	12	0	38	38
2	30	7	12	0	30	43
3	23	41	0	0	32	46
4	20	43	0	0	35	38
5	19	58	29	0	30	37
6	19	69	33	15	19	33
7	19	71	0	12	31	33
8	19	80	0	9	24	34
9	19	70	0	8	27	30
10	10	71	0	27	53	26
11	0	66	0	38	62	22
12	0	52	0	35	62	24
13	0	39	0	31	66	21
14	0	70	0	30	68	24
15	0	71	0	26	65	32
16	0	54	0	33	60	35
17	0	51	0	27	66	35
18	0	46	0	23	72	32
19	0	40	0	15	75	29
20	0	36	0	8	72	35
21	0	34	0	5	73	30
22	0	37	0	12	77	26
23	0	38	0	11	75	29
24	0	34	0	37	68	28
25	0	45	0	41	64	26
26	0	33	0	30	63	28
27	0	38	0	25	64	47
28	0	33	0	28	66	51
29	0	16	0	28	63	53
30	0	0	0	27	51	34
31	0	0	-	42	36	---
Mean	7	43	3	20	54	33
Max.	30	80	33	42	77	53
Min.	0	0	0	0	30	21
A.F.	410	2660	170	1240	3350	1980
Water diverted 9810 A.F.						
Natural flow 9810						
Pathfinder Stor. 0						
Acreage reported D-857,1033-6058						

DAILY DIVERSIONS OF CANALS--1962
CAMBRIDGE CANAL from Republican River
Measured through 15-foot Parshall flume--Sec. 27-4-25 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	39	140	107
2	17	0	0	0	123	100
3	38	4	0	6	31	99
4	43	40	0	16	0	98
5	38	61	0	50	0	92
6	38	47	0	61	0	86
7	38	70	0	58	0	72
8	38	70	0	58	0	58
9	31	68	0	78	0	50
10	14	68	0	105	34	45
11	14	69	0	111	96	40
12	14	69	0	119	85	39
13	15	67	0	125	168	36
14	7	71	0	123	61	34
15	0	80	0	126	64	31
16	0	78	0	161	66	0
17	0	71	0	193	86	0
18	0	20	45	151	99	0
19	0	0	82	111	106	0
20	0	0	83	94	142	0
21	0	0	63	84	206	0
22	0	0	24	78	227	0
23	0	0	22	79	225	0
24	0	0	21	93	200	0
25	0	0	28	131	170	0
26	0	0	46	160	162	0
27	0	0	44	179	147	0
28	0	0	45	172	153	9
29	0	0	47	170	149	30
30	0	0	51	171	132	33
31	0	0	---	156	125	---
Mean	11	31	20	105	103	35
Max.	43	80	83	179	227	107
Min.	0	0	0	0	0	0
A.F.	690	1890	1190	6460	6340	2100
Water diverted 18670 A.F.						
Supplemental storage included						
Acreage reported A-3869e-14964, A-6218-397, A-9479-220, A-9763-131, Total-15712						

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	0	7	2	76
2	50	1	0	37	47	70
3	43	33	0	56	75	63
4	47	41	0	49	75	60
5	46	39	17	46	73	65
6	45	58	18	46	72	63
7	45	73	14	44	76	60
8	45	79	12	48	89	56
9	33	82	22	58	88	55
10	0	73	43	64	88	52
11	0	70	43	55	89	56
12	0	72	43	45	89	57
13	0	75	44	0	89	58
14	0	72	41	0	89	55
15	0	78	39	0	85	53
16	0	75	40	0	85	45
17	0	70	42	21	86	46
18	0	69	39	32	88	46
19	0	64	45	40	88	45
20	0	61	29	37	89	49
21	0	61	8	48	86	51
22	0	58	12	56	86	51
23	0	58	38	56	86	50
24	0	48	42	61	86	50
25	0	5	44	70	83	49
26	0	4	43	60	83	48
27	0	0	43	36	81	49
28	0	0	45	62	80	53
29	0	0	46	60	78	53
30	0	0	45	47	76	50
31	0	0	—	3	75	—
Mean	13	46	30	40	79	54
Max.	51	82	46	70	89	76
Min.	0	0	0	0	2	45
A.F.	810	2820	1780	2470	4880	3240

Water diverted 16000 A.F.
Acreage reported D-921-6017; A-186R-471; A-350R-50.
Total-6538

DAILY DIVERSIONS OF CANALS--1962

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

Date	Oct.	May	June	July	Aug.	Sept.
1	14	30	18	17	31	58
2	11	36	19	20	33	51
3	21	32	16	20	35	49
4	34	33	16	19	30	43
5	20	32	19	20	30	43
6	0	33	18	19	33	36
7	0	44	21	22	38	36
8	0	63	21	24	50	33
9	0	77	21	24	56	33
10	0	81	29	24	54	34
11	0	77	22	29	55	35
12	0	71	20	32	55	35
13	0	66	20	24	58	36
14	0	62	18	27	59	37
15	0	66	22	28	61	37
16	0	59	20	25	62	34
17	0	40	19	24	61	34
18	0	46	20	24	62	38
19	0	42	18	23	60	40
20	0	35	16	22	60	42
21	0	34	16	26	59	42
22	0	36	15	34	59	41
23	0	41	15	35	59	41
24	0	38	18	35	61	43
25	0	27	17	36	63	48
26	0	16	18	35	70	48
27	0	17	19	29	76	48
28	0	17	19	32	81	47
29	0	14	22	29	80	45
30	0	12	22	32	62	39
31	0	26	—	23	62	—
Mean	3	42	19	26	55	41
Max.	34	81	29	36	81	58
Min.	0	12	15	17	30	33
A.F.	200	2590	1140	1610	3400	2430

Water diverted 11370 A.F.
Pathfinder storage 192
Natural flow 11178
Acreage reported D-844,1031-5141, A-2190-47.
Total 5188

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

Date	Apr.	May	June	July	Aug.	Sept.
1	0	18	0	7	9	23
2	0	13	0	12	11	25
3	0	15	0	13	20	26
4	0	15	0	9	21	26
5	0	16	0	7	19	21
6	0	17	0	5	18	18
7	0	23	0	5	16	20
8	0	17	0	5	17	15
9	0	24	0	11	17	15
10	0	30	0	15	21	15
11	0	28	0	15	25	13
12	0	22	0	7	31	14
13	0	8	0	6	31	13
14	0	14	0	13	28	12
15	0	18	0	13	25	14
16	0	28	0	8	26	5
17	0	18	0	8	28	16
18	0	14	0	8	29	14
19	0	0	0	8	30	12
20	0	0	0	7	29	14
21	8	0	0	15	30	15
22	0	0	0	23	32	15
23	0	0	0	20	32	15
24	13	0	0	16	32	14
25	14	0	0	15	32	14
26	13	0	0	13	31	12
27	17	0	0	16	31	12
28	17	0	8	25	31	14
29	11	0	16	15	28	7
30	10	0	16	17	33	0
31	—	0	—	14	24	—
Mean	3	11	1	12	25	15
Max.	17	30	16	25	33	26
Min.	0	0	0	5	9	7
A.F.	190	670	80	740	1560	890

Water diverted 4130 A.F.
Acreage reported D-926-2077
Pathfinder storage available

DAILY DIVERSIONS OF CANALS--1962

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	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	2
9	0	0	0	0	2
10	0	0	0	0	2
11	0	0	0	0	2
12	0	0	0	0	2
13	0	0	0	0	2
14	0	0	0	0	2
15	0	0	0	0	2
16	0	0	0	0	2
17	0	0	0	0	2
18	0	0	0	0	2
19	0	0	0	0	2
20	0	0	0	0	2
21	0	0	0	0	2
22	0	0	0	0	2
23	0	0	0	0	2
24	0	0	0	0	2
25	0	0	0	0	2
26	0	0	0	0	2
27	0	0	0	0	2
28	0	0	0	0	2
29	0	0	0	1	2
30	0	0	0	2	2
31	0	—	0	2	—
Mean	0	0	0	0	2
Max.	0	0	0	2	2
Min.	0	0	0	0	2
A.F.	0	0	0	10	120

Water diverted 130 A.F.
Acreage reported D-346-220

DAILY DIVERSIONS OF CANALS--1962
 CODY-DILLON CANAL from North Platte River
 Measured over weir--Sec. 10-14-31 W.

Date	Oct.	Nov.	May	June	July	Aug.	Sept.
1	15	13	0	8	16	14	9
2	15	5	0	8	14	12	7
3	13	0	0	8	14	6	16
4	13	0	0	7	16	1	17
5	13	0	0	7	16	0	15
6	12	0	22	7	12	2	13
7	12	0	40	6	6	0	12
8	12	0	40	6	7	0	12
9	12	0	40	5	7	11	12
10	14	0	55	4	2	32	10
11	16	0	62	3	11	38	8
12	14	0	62	2	11	43	9
13	13	0	65	2	11	39	9
14	18	0	59	1	14	38	10
15	21	0	24	0	3	37	10
16	22	0	12	4	0	39	9
17	22	0	10	9	0	42	5
18	22	0	10	8	0	43	4
19	22	0	4	4	0	41	2
20	23	0	0	3	2	40	1
21	23	0	0	9	7	39	2
22	23	0	0	6	10	39	4
23	22	0	0	0	8	39	6
24	20	0	0	1	9	37	7
25	19	0	0	2	6	33	11
26	16	0	10	4	5	31	13
27	17	0	25	13	7	32	8
28	13	0	14	13	9	32	7
29	12	0	20	13	9	32	5
30	11	0	14	18	16	20	5
31	16	-	4	--	18	13	-
Mean	17	1	19	6	9	27	9
Max.	23	13	65	18	18	43	17
Min.	11	0	0	0	0	0	1
A.F.	1020	40	1170	360	530	1640	510

Water diverted 5270 A.F.
 Acreage reported D-649-4660

DAILY DIVERSIONS OF CANALS--1962
 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	1880	2150	2080	1760	1980	738	1840	2190	3060	2490	2220	1200
2	1960	2080	2140	1770	2150	724	1840	2090	3050	2820	2860	1200
3	1840	2360	2130	1880	2090	830	2190	1950	2990	2400	2930	1260
4	1760	2540	2160	2100	2070	898	2280	1930	3010	2730	2750	1500
5	1740	2110	2300	2210	2090	906	2280	1850	2940	2920	2850	1750
6	1720	1230	2270	2380	2080	922	2420	1860	2960	2780	2900	1690
7	1800	2100	1380	2170	2090	930	2800	1880	2870	2690	2940	1640
8	1680	2070	138	1950	2070	922	2750	1800	2690	2690	2540	1760
9	1930	1980	134	1860	2070	930	2840	1800	2880	2450	2530	1860
10	2040	2040	66	1730	2070	930	2700	1880	2850	2370	2330	1930
11	2020	2060	72	1550	2070	930	2720	1700	3040	2320	2240	1850
12	2360	2080	152	1300	2060	922	2730	1730	2990	2340	2130	1870
13	2270	2130	210	1170	2030	860	2670	1780	3040	2570	2030	1800
14	2100	2200	282	1100	2050	852	2460	1820	3160	2770	1920	1750
15	2010	2140	507	1180	1880	815	2270	1960	3150	2960	1820	1710
16	1920	2200	808	1300	1910	780	2310	1970	3100	3230	1720	1770
17	1850	1470	1190	1290	1790	717	2240	1830	2860	2950	1900	1780
18	1850	1790	1340	1430	696	717	2160	2560	2860	3010	1700	1950
19	1980	2220	1350	1510	830	808	1980	2610	2910	2960	1600	2250
20	2150	2210	1480	1500	593	954	1950	2730	3010	3020	1490	2340
21	2140	2200	1840	1510	248	1080	1920	2650	3050	2990	1450	2380
22	2000	2200	1910	1510	285	1210	1890	3030	3000	3040	1320	2170
23	1980	2220	1910	1440	583	1390	2100	2910	3100	2690	1260	2130
24	2040	2200	1920	1410	415	1520	2130	2810	2980	2560	1210	2080
25	2080	2140	1840	1420	759	1310	1920	2580	2960	2380	1200	2070
26	2040	2120	1860	1470	751	1120	1810	2560	2930	2380	1120	2030
27	2000	2200	1930	1450	801	1500	1820	2270	3010	2650	1100	2020
28	1840	2210	1940	1460	794	1610	2070	2690	2790	3140	1070	1960
29	1890	2200	2020	1590	---	2130	2220	2700	2540	2660	1050	2000
30	2130	2140	1940	1670	---	2140	2310	3110	2550	2470	1100	2180
31	2210	---	1800	1740	---	1960	---	3060	---	2240	1190	---
Mean	1975	2100	1390	1607	1475	1099	2254	2274	2944	2706	1886	1865
Max.	2360	2540	2300	2380	2150	2140	2840	3110	3160	3230	2940	2360
Min.	1680	1230	66	1100	248	717	1810	1700	2540	2240	1050	1200
A.F.	121400	124900	85490	98800	81530	67550	134100	139800	175200	166400	116000	111000

Water diverted 1423000 A.F.

DAILY DIVERSIONS OF CANALS--1962
 COOK CANAL NO. 1 from Niobrara River
 Measured through rating flume--Sec. 2-28-56 W.

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

Water diverted 530 A.F.
 Acreage reported D-980-162

DAILY DIVERSIONS OF CANALS--1962
 COURTLAND CANAL from Republican River
 Measured through orifice--Sec. 7-1-9 W.

Date	May	June	July	Aug.	Sept.
1	0	64	69	230	50
2	0	63	66	240	50
3	0	60	70	238	48
4	0	54	81	202	32
5	0	51	80	156	30
6	0	40	79	158	30
7	0	40	78	136	30
8	0	38	78	135	31
9	0	37	129	142	31
10	0	41	196	169	24
11	0	43	208	176	17
12	0	44	204	176	17
13	0	38	175	215	18
14	30	25	159	240	17
15	130	50	162	278	17
16	124	66	162	267	17
17	134	68	162	259	7
18	138	72	155	259	0
19	92	76	130	259	0
20	46	67	118	246	0
21	46	46	118	246	0
22	56	37	118	246	0
23	56	28	132	246	0
24	61	29	155	240	0
25	86	44	202	233	0
26	96	54	215	226	0
27	78	53	236	219	0
28	66	61	240	127	0
29	57	64	240	94	0
30	60	66	240	94	0
31	62	-	230	79	-
Mean	46	51	151	195	16
Max.	138	76	240	278	50
Min.	0	28	66	79	0
A.F.	2810	3010	9300	11960	930

Water diverted 28010 A.F. - includes diversion for Kansas lands. Supplemental storage included.
 Acreage reported A-4222-1685, A-6224-113, Total-1798

DAILY DIVERSIONS OF CANALS--1962
 COURT HOUSE ROCK CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 30-19-50 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	14	0	15	16	0	32	23
2	13	0	14	15	0	19	25
3	10	0	13	14	0	20	26
4	8	0	11	15	0	16	23
5	4	0	11	17	0	16	24
6	3	0	13	16	0	21	24
7	2	0	13	16	5	20	23
8	1	0	12	15	14	20	22
9	1	0	12	14	14	21	21
10	0	0	11	12	13	21	21
11	0	0	9	10	14	21	13
12	0	0	8	10	14	21	11
13	0	0	8	11	18	21	11
14	0	0	9	10	14	21	11
15	0	0	10	11	5	19	11
16	0	0	13	12	4	17	11
17	0	0	15	11	4	14	11
18	0	8	14	11	4	13	10
19	0	19	13	11	4	13	10
20	0	17	12	11	15	13	9
21	0	9	13	4	14	12	9
22	0	8	13	0	14	14	9
23	0	10	12	0	15	14	8
24	0	14	11	0	18	15	8
25	0	14	15	0	17	14	6
26	0	17	8	0	15	15	6
27	0	16	7	0	17	16	5
28	0	15	12	0	20	14	4
29	0	16	17	0	20	14	5
30	0	16	16	0	19	16	4
31	0	-	17	-	25	20	-
Mean	2	6	12	9	11	18	13
Max.	14	19	17	17	25	32	26
Min.	0	0	7	0	0	12	4
A.F.	110	350	750	520	670	1080	800

Water diverted 4280 A.F.
 Acreage reported D-840, 1028-1462, A-851-24, Total-1486

DAILY DIVERSIONS OF CANALS--1962
 COURTLAND CANAL from Republican River--Measured at
 Nebraska-Kansas State Line--Sec. 32-1-7 W.

Date	May	June	July	Aug.	Sept.
1	0	47	58	234	49
2	0	51	71	234	47
3	0	53	53	239	47
4	0	42	65	200	39
5	0	38	69	153	26
6	0	20	65	155	26
7	0	9.8	63	131	26
8	0	11	64	122	27
9	0	7.6	100	121	28
10	0	7.6	171	149	26
11	0	8.9	196	167	19
12	0	9.8	188	169	15
13	0	9.8	159	191	15
14	0	7.2	142	229	14
15	0	3.7	142	274	16
16	48	17	142	248	15
17	70	22	143	236	25
18	109	41	139	231	36
19	82	61	114	241	28
20	33	51	111	231	18
21	26	38	110	226	5.3
22	36	30	110	228	5
23	35	26	111	228	0
24	38	20	154	234	0
25	62	23	196	228	0
26	74	36	212	223	0
27	60	36	226	224	0
28	57	46	238	144	0
29	42	50	232	86	0
30	42	50	234	89	0
31	42	-	236	80	-
Mean	28	29	139	192	18
Max.	109	61	238	274	49
Min.	0	3.7	53	80	0
A.F.	1700	1730	8560	11790	1090

Water diverted 24870 A.F.

DAILY DIVERSIONS OF CANALS--1962
 COZAD CANAL from Platte River--Measured
 through Parshall flume--Sec. 13-11-25 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	11	35	6	5	102
2	0	10	31	4	2	48
3	0	27	31	3	2	48
4	0	44	32	3	2	48
5	0	42	36	2	2	46
6	0	35	13	2	31	27
7	0	41	0	2	63	26
8	0	49	0	3	75	25
9	0	48	0	3	90	24
10	0	49	0	2	120	24
11	0	50	0	3	138	25
12	0	66	0	2	141	25
13	0	70	0	0	167	26
14	0	72	0	0	178	25
15	0	74	0	0	182	24
16	0	78	0	0	190	25
17	0	71	0	0	187	18
18	0	13	0	0	175	0
19	5	5	0	0	175	0
20	13	4	0	0	177	0
21	10	3	0	0	165	0
22	10	3	0	0	149	0
23	10	9	0	0	134	0
24	10	25	0	13	131	0
25	10	15	16	49	129	0
26	10	23	32	43	128	0
27	12	35	31	34	120	0
28	12	35	28	37	119	0
29	11	31	26	18	125	0
30	11	33	25	34	128	0
31	--	35	--	84	125	--
Mean	4	36	11	11	115	20
Max.	13	78	36	84	190	102
Min.	0	3	0	0	2	0
A.F.	250	2190	670	690	7050	1160

Water diverted 12010 A.F.
 Acreage reported D-626-25510

DAILY DIVERSIONS OF CANALS--1962
 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	94	0	0	227	281
2	0	93	0	0	198	275
3	0	88	0	0	181	268
4	0	87	0	0	173	263
5	0	94	0	59	168	250
6	0	96	0	94	171	246
7	0	97	0	88	186	232
8	0	31	0	79	200	73
9	0	0	0	90	208	0
10	0	67	0	88	220	81
11	0	94	0	87	229	131
12	48	96	0	100	224	146
13	76	88	0	116	222	157
14	74	115	0	128	230	162
15	69	120	0	128	232	165
16	68	135	0	152	241	165
17	70	118	0	162	241	163
18	78	33	0	154	248	159
19	77	0	0	140	252	155
20	77	0	0	134	261	152
21	78	0	0	137	268	128
22	77	0	0	146	273	29
23	85	0	0	165	275	0
24	88	0	0	175	281	0
25	88	0	0	181	288	0
26	97	0	0	200	294	0
27	100	0	0	222	300	0
28	104	0	0	229	284	0
29	105	0	0	236	279	0
30	101	0	0	248	281	0
31	--	0	--	255	281	--
Mean	52	50	0	129	239	123
Max.	105	135	0	255	300	281
Min.	0	0	0	0	168	0
A.F.	3090	3070	0	7920	14710	7300

Water diverted 36090 A.F.
 Acreage reported D-24,25,29,30-9356, A-3869AR-1491
 A-6214-9919, A-9697-157, A-9802-132, Total-21055
 Supplemental storage included

DAILY DIVERSIONS OF CANALS--1962
 CRESCENT 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	4
4	0	0	0	0	1
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	7	0
11	0	0	0	10	0
12	0	0	0	10	0
13	0	0	0	10	0
14	0	0	0	10	0
15	0	0	0	10	0
16	0	0	0	10	0
17	0	0	0	9	0
18	0	0	0	9	0
19	0	0	0	8	0
20	0	0	0	8	0
21	0	0	0	7	0
22	0	0	0	7	0
23	0	0	0	6	0
24	0	0	0	6	0
25	0	0	0	5	0
26	0	0	0	5	0
27	0	0	0	5	0
28	0	0	0	4	0
29	0	0	0	4	0
30	0	0	0	4	0
31	0	--	0	5	0
Mean	0	0	0	5	0
Max.	0	0	0	10	4
Min.	0	0	0	0	0
A.F.	0	0	0	310	30

Water withdrawn 340 A.F.

DAILY DIVERSIONS OF CANALS--1962
 DAWSON COUNTY CANAL from Platte River
 Measured through Parshall flume--Sec. 7-10-23 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	24	0	92	60	4	15	172
2	12	0	101	70	9	8	158
3	9	0	113	67	28	21	158
4	0	0	107	73	23	31	129
5	0	0	113	69	12	48	115
6	0	0	110	63	9	48	107
7	0	0	98	38	18	69	117
8	0	0	88	26	117	94	125
9	0	0	106	21	124	89	118
10	0	0	106	15	107	88	129
11	0	0	102	10	90	90	122
12	0	0	151	7	49	95	137
13	0	0	172	4	57	83	124
14	0	0	175	0	76	62	127
15	0	0	168	0	72	104	129
16	0	0	181	0	73	177	130
17	0	0	146	0	21	175	129
18	0	0	60	0	16	173	107
19	0	0	26	0	14	166	92
20	0	0	25	0	16	162	90
21	0	0	18	0	14	187	74
22	0	0	10	0	14	203	46
23	0	0	6	0	10	209	50
24	0	0	14	0	6	228	51
25	0	0	9	0	10	222	54
26	0	0	0	11	23	228	48
27	0	14	0	26	31	226	34
28	0	60	13	24	57	220	18
29	0	69	50	15	38	224	18
30	0	82	34	21	35	214	12
31	0	--	40	--	92	197	--
Mean	1	8	79	21	41	134	97
Max.	24	82	181	73	124	228	172
Min.	0	0	0	0	4	8	12
A.F.	90	450	4830	1230	2510	8240	5790

Water diverted 23140 A.F.
 Acreage reported D-621-520, D-622-57148, D-624-5640, A-2039-
 5033, A-2093-213, A-2110-13859, A-2145-985, A-2262-890,
 Total-84288

DAILY DIVERSIONS OF CANALS--1962
 EARNEST CANAL (Combined flow-North & South) from
 Niobrara River--Measured through rating flume
 Sec. 9-29-56 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	2	0	6	3	0	8	8
2	2	0	6	3	0	8	9
3	2	0	6	3	0	4	7
4	2	0	7	2	0	4	5
5	3	0	7	3	0	6	3
6	3	0	7	3	0	8	5
7	3	0	6	3	0	6	5
8	2	0	6	3	0	6	5
9	3	0	6	4	0	6	7
10	2	0	6	3	0	5	8
11	1	0	6	2	0	4	8
12	2	0	5	2	0	4	6
13	2	0	5	2	0	4	5
14	0	0	6	2	0	4	6
15	0	0	6	2	0	5	7
16	0	0	7	3	0	5	7
17	0	0	7	3	0	4	6
18	0	3	5	3	0	3	7
19	0	7	8	3	0	4	7
20	0	7	8	2	0	4	6
21	0	7	8	0	0	4	8
22	0	7	8	0	0	4	8
23	0	8	7	0	0	4	8
24	0	7	7	0	0	4	8
25	0	6	6	0	0	4	7
26	0	8	9	0	0	3	6
27	0	7	8	0	0	3	7
28	0	8	7	0	0	2	6
29	0	6	7	0	0	1	7
30	0	6	3	0	0	1	7
31	0	-	3	-	5	4	-
Mean	1	3	6	2	0	4	7
Max.	3	8	9	4	5	8	9
Min.	0	0	3	0	0	1	3
A.F.	60	170	400	110	10	270	390

Water diverted 1410 A.F.

Acreage reported D-514a-190, D-514b-150, A-1362R-102.
 Total-442

DAILY DIVERSIONS OF CANALS--1962

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	19	8	14	15
2	0	14	8	15	15
3	0	13	14	16	15
4	0	12	12	15	15
5	0	10	16	16	15
6	0	10	18	16	15
7	0	10	17	16	15
8	0	12	20	17	16
9	0	12	20	18	16
10	0	11	18	18	15
11	12	15	18	18	12
12	22	18	16	18	22
13	21	18	10	18	30
14	22	16	7	16	28
15	23	16	10	17	28
16	25	19	12	16	28
17	25	19	11	16	28
18	25	16	11	16	29
19	25	18	11	16	28
20	25	20	11	16	28
21	24	17	11	17	28
22	24	16	13	16	28
23	22	12	14	16	28
24	24	11	15	16	28
25	19	10	16	16	28
26	14	9	16	16	28
27	12	7	17	16	28
28	13	7	17	16	28
29	13	16	16	16	28
30	20	14	16	16	27
31	24	--	15	16	--
Mean	14	14	14	16	23
Max.	25	20	20	18	30
Min.	0	7	7	14	12
A.F.	860	830	860	1000	1370

Water diverted 4920 A.F.

Acreage reported D-858-2000, A-866-75,
 Total-2075

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DAILY DIVERSIONS OF CANALS--1962
 ELM CREEK CANAL from Platte River
 Measured through Parshall flume--Sec. 5-8-19 W.

Date	May	June	July	Aug.	Sept.
1	0	10	0	37	33
2	0	8	0	45	32
3	0	7	0	45	37
4	0	19	0	40	38
5	0	35	0	30	37
6	0	41	0	26	50
7	0	44	0	16	40
8	0	46	0	12	49
9	4	58	0	10	58
10	8	43	0	9	58
11	7	36	17	8	53
12	0	23	52	7	46
13	0	0	41	7	22
14	0	0	40	16	22
15	0	0	37	30	20
16	0	0	26	22	22
17	12	0	60	24	25
18	33	0	50	24	26
19	27	0	33	23	28
20	24	0	35	28	26
21	19	0	35	24	28
22	11	0	24	19	28
23	3	0	22	18	28
24	3	0	19	21	28
25	6	0	13	16	29
26	6	0	22	13	30
27	6	0	28	12	28
28	13	0	17	36	26
29	15	0	14	23	27
30	11	0	15	31	26
31	10	-	19	23	--
Mean	7	12	20	22	33
Max.	33	58	60	45	58
Min.	0	0	0	7	20
A.F.	430	730	1230	1380	1980

Water diverted 5750 A.F.

Acreage reported A-2104-5795
 Sutherland storage available

DAILY DIVERSIONS OF CANALS--1962
 ENTERPRISE CANAL from North Platte River
 Measured through rating flume--Sec. 27-23-57 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	59	18	23	30	58
2	0	65	18	24	32	57
3	0	52	15	26	36	58
4	0	49	15	26	37	58
5	0	64	16	25	53	59
6	0	54	16	27	60	59
7	0	73	16	34	64	58
8	0	87	16	43	68	57
9	0	80	16	67	63	57
10	0	71	16	69	63	58
11	0	63	20	67	61	58
12	0	64	20	67	70	55
13	0	72	18	71	72	54
14	0	73	14	69	72	52
15	0	73	14	65	71	51
16	0	73	16	63	63	53
17	0	73	18	63	61	52
18	0	72	16	64	60	52
19	0	72	16	65	59	51
20	0	60	16	68	58	50
21	0	58	15	67	64	52
22	0	51	15	66	64	52
23	0	43	15	69	70	51
24	32	36	14	68	70	49
25	32	24	14	66	69	51
26	26	18	14	64	69	49
27	35	16	17	59	67	49
28	42	16	19	57	61	48
29	46	16	22	56	61	44
30	54	18	22	51	62	36
31	--	19	--	27	63	--
Mean	9	54	17	54	60	53
Max.	54	87	22	71	72	59
Min.	0	16	14	23	30	36
A.F.	530	3300	990	3320	3710	3150

Water diverted 15000 A.F.

DAILY DIVERSIONS OF CANALS--1962

ENTERPRISE CANAL from Dry Spotted Tail
Measured in channel of stream--Sec. 21-23-56 W.

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	19	18
2	0	0	0	9	18
3	0	0	0	8	17
4	0	0	0	10	18
5	0	1	0	12	19
6	18	21	0	14	23
7	8	0	0	13	21
8	23	0	13	7	21
9	24	0	13	10	23
10	17	0	16	12	24
11	10	0	20	15	22
12	13	0	16	21	22
13	14	0	22	24	22
14	15	0	25	19	21
15	19	0	2	21	21
16	15	0	2	21	13
17	20	0	0	10	13
18	24	0	0	10	14
19	3	1	0	10	13
20	3	0	16	11	14
21	1	0	16	16	0
22	2	0	13	11	0
23	1	0	18	19	0
24	1	0	23	22	0
25	0	0	16	21	0
26	0	0	18	20	0
27	0	0	22	20	0
28	13	0	20	23	0
29	0	0	22	20	0
30	0	0	24	20	0
31	0	-	14	18	-
Mean	8	1	11	16	13
Max.	24	21	25	24	24
Min.	0	0	0	8	0
A.F.	480	50	700	960	750
Water diverted	2940 A.F.				

Date	May	June	July	Aug.	Sept.
1	0	1	0	4	4
2	0	1	0	4	4
3	0	1	0	4	4
4	0	1	0	4	4
5	0	1	0	4	5
6	0	1	0	4	5
7	1	1	0	4	5
8	1	1	0	4	5
9	1	1	0	4	5
10	1	1	0	4	5
11	1	1	1	4	5
12	1	1	1	4	5
13	2	1	1	3	5
14	2	1	1	3	5
15	2	1	1	3	6
16	2	1	1	3	6
17	2	1	1	3	6
18	2	1	1	3	6
19	2	1	1	3	6
20	2	1	1	3	6
21	2	1	1	3	6
22	2	1	1	3	6
23	2	1	1	3	6
24	2	1	1	3	6
25	2	1	1	3	6
26	1	0	2	3	6
27	1	0	2	3	6
28	1	0	3	4	6
29	1	0	3	4	6
30	1	0	4	4	6
31	1	-	4	4	-
Mean	1	1	1	4	6
Max.	2	1	4	4	6
Min.	0	0	0	3	4
A.F.	70	50	70	220	360
Water diverted	770 A.F.				

DAILY DIVERSIONS OF CANALS--1962

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

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

Date	May	June	July	Aug.	Sept.
1	2	0	0	2	2
2	2	0	0	2	2
3	2	0	0	2	2
4	2	0	0	2	2
5	2	0	0	2	2
6	3	0	2	2	2
7	3	0	2	2	2
8	3	0	2	2	2
9	3	0	2	2	2
10	3	0	2	2	2
11	3	0	2	2	2
12	3	0	2	2	2
13	3	0	2	2	2
14	3	0	2	2	2
15	3	0	3	2	2
16	0	0	3	2	2
17	0	0	3	2	2
18	0	0	3	2	2
19	0	0	3	2	2
20	0	0	3	2	2
21	0	0	3	2	2
22	0	0	3	2	2
23	0	0	2	2	2
24	0	0	2	2	2
25	0	0	2	2	2
26	0	0	2	2	2
27	0	0	2	2	2
28	0	0	2	2	2
29	0	0	2	2	2
30	0	0	2	2	2
31	0	-	2	2	-
Mean	1	0	2	2	2
Max.	3	0	3	2	2
Min.	0	0	2	2	2
A.F.	80	0	120	120	120
Water diverted	440 A.F.				

Date	May	June	July	Aug.	Sept.
1	0	0	0	3	0
2	0	0	0	6	0
3	14	0	0	6	14
4	9	0	0	14	45
5	10	0	0	36	0
6	12	0	0	14	0
7	14	0	0	21	7
8	11	0	0	22	0
9	8	0	0	24	0
10	10	0	0	24	0
11	4	0	0	24	0
12	0	0	0	24	3
13	0	0	0	26	1
14	5	0	0	26	0
15	0	0	0	26	4
16	0	0	0	26	6
17	0	0	0	24	6
18	0	0	0	25	6
19	0	0	12	24	10
20	1	0	23	24	10
21	0	0	23	24	14
22	0	0	24	24	19
23	0	0	18	23	21
24	0	0	13	24	20
25	0	0	21	24	0
26	0	0	0	25	0
27	0	0	0	25	29
28	0	0	0	26	22
29	0	0	23	26	24
30	0	0	0	26	0
31	0	-	0	19	-
Mean	3	0	5	22	9
Max.	14	0	24	26	45
Min.	0	0	0	3	0
A.F.	190	0	310	1360	520
Water diverted	2380 A.F.				

DAILY DIVERSIONS OF CANALS--1962

ENTERPRISE CANAL
Summary in Acre-feet--1962

	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River.....	530	3300	990	3320	3710	3150	15000
Dry Spotted Tail.....	0	480	50	700	960	750	2940
Morrill Drain.....	0	70	50	70	220	360	770
Tub Springs.....	0	190	0	310	1360	520	2380
Winter Creek.....	0	80	0	120	120	120	440
Total diversion.....	530	4120	1090	4520	6370	4900	21530
Water diverted							
21530 A.F. Total							
21228 A.F. Natural							
302 A.F. Glendo storage							
Acres reported							
D-920							7572

DAILY DIVERSIONS OF CANALS--1962
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	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	5	0	0	0	0	0
20	9	0	0	0	0	0
21	5	0	0	0	0	0
22	3	0	0	0	0	0
23	3	0	0	0	0	2
24	3	0	0	0	0	4
25	3	0	0	0	0	6
26	2	0	0	0	0	5
27	2	0	0	0	0	7
28	2	0	0	0	0	5
29	2	0	0	0	0	6
30	2	0	0	0	0	7
31	-	0	-	0	0	-
Mean	1	0	0	0	0	1
Max.	9	1	0	0	0	7
Min.	0	0	0	0	0	0
A.F.	80	0	0	0	0	80

Water diverted 160 A.F.
Acres reported D-461-290, A-5181-76, Total-366

DAILY DIVERSIONS OF CANALS--1962
EXCELSIOR CANAL from Niobrara River
Measured through rating flume--Sec. 10-28-52 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	2	0	6	0	0	0	4
2	2	0	5	0	0	0	3
3	2	0	4	0	0	0	3
4	3	0	4	0	0	0	3
5	3	0	4	0	0	0	3
6	3	0	4	0	3	0	3
7	2	0	4	0	4	0	3
8	2	0	3	0	3	0	3
9	1	0	4	0	2	0	4
10	0	0	4	0	2	0	3
11	0	0	4	0	3	0	3
12	0	0	4	0	3	0	3
13	0	0	4	0	4	0	4
14	0	0	4	0	10	0	4
15	0	0	4	0	5	0	4
16	0	0	4	0	4	0	4
17	0	0	6	0	3	0	4
18	0	0	5	0	3	0	4
19	0	0	0	0	3	0	4
20	0	0	0	0	1	0	4
21	0	0	0	0	0	0	4
22	0	0	0	0	0	0	4
23	0	0	0	0	0	0	4
24	0	3	0	0	0	2	4
25	0	6	0	0	0	2	4
26	0	6	0	0	0	3	4
27	0	6	0	0	0	3	4
28	0	6	0	0	0	3	4
29	0	6	0	0	0	3	4
30	0	6	0	0	0	3	4
31	0	-	0	-	0	3	-
Mean	1	1	2	0	2	1	4
Max.	3	6	6	0	10	3	4
Min.	0	0	0	0	0	0	3
A.F.	40	80	150	0	110	40	220
Water diverted	640 A.F.						
Acres reported	D-568-200, A-2264-134, Total-334						

DAILY DIVERSIONS OF CANALS--1962
 FORSLING-KIMBEY 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	3
6	0	0	0	0	3
7	0	0	0	0	3
8	0	0	0	0	3
9	1	0	0	0	3
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	2	0	0	0	0
16	2	0	0	0	0
17	2	0	0	0	0
18	2	0	0	0	0
19	2	0	0	0	0
20	2	0	0	0	0
21	2	0	0	0	0
22	2	0	0	0	0
23	2	0	0	0	0
24	2	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	1	0	0	0	1
Max.	2	0	0	0	3
Min.	0	0	0	0	0
A.F.	50	0	0	0	30

Water diverted 80 A.F.
 Acreage reported D-348R-73, D-348-118,
 A-718-54, Total-245

DAILY DIVERSIONS OF CANALS--1962
 FRANKLIN CANAL from Republican River
 Measured through orifice--Sec. 11-1-17 W.

Date	May	June	July	Aug.	Sept.
1	26	62	59	137	82
2	42	61	29	139	83
3	42	61	0	126	83
4	44	46	0	114	70
5	44	46	0	114	60
6	43	46	30	101	60
7	55	46	56	92	55
8	63	46	56	100	47
9	63	46	65	123	47
10	62	46	77	141	47
11	62	46	65	152	41
12	63	46	57	135	37
13	64	46	68	121	37
14	64	46	74	158	37
15	72	46	74	160	37
16	78	46	82	160	37
17	78	46	93	160	27
18	74	50	81	160	20
19	59	50	57	160	20
20	59	44	49	170	20
21	38	39	47	193	20
22	0	39	47	193	20
23	0	44	74	184	20
24	0	44	101	156	11
25	0	46	117	121	0
26	0	44	125	121	0
27	0	44	125	98	0
28	0	44	136	82	0
29	0	54	141	82	0
30	0	59	139	82	0
31	34	-	139	82	-
Mean	40	48	73	133	34
Max.	78	62	141	193	83
Min.	0	39	0	82	0
A.F.	2440	2830	4490	8170	2020

Water diverted 19950 A.F.
 Supplemental storage included
 Acreage reported A-2691a-4583, A-2691bR-4176,
 A-4216-2132, A-6221-161, A-8259-147, A-9623-

DAILY DIVERSIONS OF CANALS--1962
 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	0	1140	1505
2	0	0	0	1151	1483
3	0	0	0	1160	1452
4	395	0	0	1199	1424
5	827	0	124	1205	1397
6	868	0	353	1370	1397
7	915	0	500	1477	1373
8	1003	0	650	1499	1337
9	1059	0	701	1508	1272
10	1154	0	709	1508	1202
11	1214	0	747	1505	1104
12	1352	0	900	1502	1101
13	1373	0	879	1502	1109
14	1394	0	699	1505	1146
15	1394	0	723	1502	1146
16	1400	0	754	1498	1151
17	1343	0	754	1502	1148
18	1179	0	766	1502	1177
19	897	0	838	1505	1200
20	728	0	947	1505	1200
21	472	0	1191	1502	1200
22	322	0	1331	1508	1188
23	489	0	1406	1508	1148
24	0	0	1406	1502	1151
25	0	0	1406	1502	1107
26	0	0	1406	1505	1053
27	0	0	1409	1505	1006
28	0	0	1406	1502	725
29	0	0	1403	1505	435
30	0	0	1385	1502	60
31	0	-	1191	1502	-
Mean	638	0	838	1445	1147
Max.	1400	0	1409	1508	1505
Min.	0	0	0	1140	60
A.F.	39230	0	51540	88830	68230

Water diverted 247830 A.F.
 Acreage reported A-768 Nebr-54846,
 A-768 Wyo-50210, Total-105056

DAILY DIVERSIONS OF CANALS--1962
 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	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	10	0
5	0	0	0	17	0
6	0	0	0	18	0
7	0	0	0	17	0
8	0	0	0	24	0
9	0	0	0	29	0
10	0	0	0	32	0
11	0	0	0	12	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	13	0
16	0	0	0	21	0
17	0	0	0	9	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	7	0
Max.	0	0	0	32	0
Min.	0	0	0	0	0
A.F.	0	0	0	400	0

Water diverted 400 A.F.
 Supplemental storage available
 Acreage reported A-4227-1929, A-6222-184,

DAILY DIVERSIONS OF CANALS--1962
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	183	189	174	167	267	178	396	162	173	174	227	142
2	182	183	189	176	288	184	400	174	172	172	227	144
3	182	175	178	196	300	189	321	174	174	171	411	140
4	185	182	182	199	303	191	326	172	156	174	357	150
5	169	184	184	208	256	174	277	172	172	172	293	161
6	172	169	185	173	241	168	299	174	95	172	267	171
7	168	201	159	149	196	194	272	170	109	174	284	171
8	169	202	126	168	173	186	285	172	171	174	221	113
9	154	209	145	165	265	193	275	158	172	166	191	180
10	160	200	60	111	196	203	265	107	174	174	188	181
11	177	201	49	122	257	211	288	171	169	172	181	178
12	190	195	164	143	277	206	283	162	161	171	185	163
13	221	204	120	156	284	194	258	172	174	174	182	167
14	237	170	123	174	270	157	250	169	174	174	157	168
15	196	191	169	174	289	160	242	166	174	174	153	163
16	176	202	184	169	278	184	237	160	174	172	144	150
17	211	198	167	154	263	200	226	171	134	174	138	176
18	202	200	163	159	156	233	230	130	165	170	136	198
19	167	197	172	150	112	243	206	133	170	171	120	202
20	184	126	167	156	139	258	199	111	173	363	122	215
21	192	170	168	157	154	279	195	167	174	356	116	174
22	190	174	166	162	110	277	203	172	174	287	113	173
23	184	178	177	165	144	358	187	174	170	302	117	172
24	181	180	158	164	190	437	176	172	174	277	118	147
25	167	175	164	168	207	430	161	152	157	225	119	176
26	183	185	166	173	204	437	183	171	174	85	111	175
27	185	181	175	177	187	178	174	174	174	236	113	169
28	162	190	176	195	165	134	172	150	174	240	94	166
29	163	185	168	200	---	272	174	174	173	181	106	172
30	162	178	173	223	---	445	172	173	174	194	142	199
31	188	---	165	242	---	439	---	172	---	210	139	---
Mean	182	186	159	171	220	245	244	162	165	201	177	169
Max.	237	209	189	242	303	445	400	174	174	363	411	215
Min.	154	126	49	111	110	134	161	107	95	85	94	113
A.F.	11180	11060	9750	10500	12240	15060	14540	9980	9830	12360	10850	10030
Total acre-feet 137400 A.F.												

DAILY DIVERSIONS OF CANALS--1962
FURMAN CANAL (Combined flow, North & South) from Niobrara
 River--Measured through rating flume--Sec. 29-29-50 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	3	4	6	0	0
2	0	0	3	6	0	0
3	0	2	3	3	0	0
4	0	3	2	4	0	0
5	0	3	1	4	0	0
6	0	3	3	4	0	0
7	0	3	2	4	0	0
8	0	3	1	3	0	0
9	0	2	1	3	0	0
10	0	1	1	2	0	0
11	0	1	1	2	0	0
12	0	1	1	1	0	0
13	0	3	1	4	0	0
14	0	4	1	18	0	0
15	0	6	2	8	0	0
16	0	4	2	5	0	0
17	0	8	2	1	0	0
18	0	13	2	0	0	0
19	4	9	2	0	0	0
20	2	2	2	0	0	0
21	2	2	2	0	0	0
22	1	2	2	0	0	0
23	1	2	2	0	0	0
24	1	0	2	0	0	0
25	0	0	2	0	0	0
26	2	2	2	0	0	0
27	4	22	1	0	0	0
28	3	2	0	0	0	0
29	0	3	0	0	0	0
30	2	7	4	0	0	0
31	-	7	-	0	0	-
Mean	1	4	2	3	0	0
Max.	4	22	4	18	0	0
Min.	0	0	0	0	0	0
A.F.	40	240	110	160	0	0

Water diverted 550 A.F.
 Acreage reported D-462-255

DAILY DIVERSIONS OF CANALS--1962
GERING CANAL from North Platte River
 Measured through rating flume--Sec. 10-23-60 W., Wyo.

Date	May	June	July	Aug.	Sept.
1	0	97	0	124	210
2	0	94	0	105	208
3	0	95	0	92	210
4	0	28	0	80	195
5	0	0	0	88	179
6	0	0	0	88	187
7	0	0	0	99	179
8	162	0	0	143	162
9	192	0	0	192	178
10	192	0	0	184	178
11	177	0	181	192	136
12	187	0	179	196	113
13	195	0	187	208	105
14	187	0	187	195	102
15	178	0	164	192	110
16	177	0	160	192	112
17	169	0	143	195	105
18	136	0	143	194	108
19	42	0	149	208	112
20	44	0	65	220	110
21	51	0	99	220	113
22	46	0	99	216	115
23	51	0	121	212	109
24	145	0	107	216	113
25	80	0	150	210	113
26	83	0	172	208	106
27	0	0	172	216	108
28	0	0	181	224	102
29	0	0	187	224	0
30	0	0	181	220	0
31	95	-	186	211	-
Mean	84	10	104	179	129
Max.	195	97	187	224	210
Min.	0	0	0	80	0
A.F.	5140	620	6370	11040	7690

Water diverted 30860 A.F.
 Includes Pathfinder storage
 Acreage reported A-365R-14310

DAILY DIVERSIONS OF CANALS--1962
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	52	170	123	144	177	0	46	74	201	135	149	307
2	69	147	151	125	159	0	67	18	222	109	178	269
3	86	140	138	112	151	0	95	71	215	99	157	244
4	86	149	129	106	163	0	125	68	208	86	172	218
5	89	149	120	95	157	0	131	57	192	71	128	204
6	102	135	180	128	134	0	128	60	85	62	84	183
7	157	126	147	97	167	0	154	86	58	89	64	162
8	109	197	135	85	20	0	143	108	138	82	89	178
9	94	162	117	97	0	0	132	132	170	82	110	170
10	116	163	100	141	0	0	129	112	183	106	180	151
11	137	224	94	146	0	0	155	151	195	146	238	138
12	112	211	97	175	0	0	135	242	173	119	224	206
13	103	165	162	175	0	0	128	227	187	183	241	147
14	105	144	149	173	0	0	152	211	192	204	285	129
15	98	190	131	197	0	0	128	231	182	242	328	162
16	93	122	135	178	0	0	115	257	199	231	330	170
17	93	34	128	177	0	0	113	242	190	190	341	177
18	152	57	126	180	0	0	147	222	168	204	334	106
19	116	47	117	177	0	0	115	227	185	175	332	120
20	102	50	59	187	0	0	99	215	188	215	339	81
21	137	125	28	233	0	0	126	180	194	217	347	68
22	123	167	86	227	0	0	112	94	170	162	345	109
23	113	155	98	235	0	0	98	97	146	120	352	87
24	106	137	100	220	0	0	86	91	116	112	350	78
25	137	172	99	202	0	0	106	86	143	163	356	102
26	117	137	98	177	0	0	91	99	123	100	354	151
27	106	128	87	173	0	1	82	95	134	93	363	108
28	147	125	75	167	0	5	84	122	95	147	352	102
29	131	165	103	168	-	20	83	218	76	126	358	113
30	122	138	173	167	-	45	58	262	116	144	334	98
31	113	---	152	165	-	54	---	217	---	163	337	---
Mean	110	141	114	162	40	4	112	147	161	141	263	151
Max.	157	224	180	235	177	54	155	262	222	242	363	307
Min.	52	34	28	85	0	0	46	18	58	62	64	68
A.F.	6790	8390	7020	9970	2240	250	6670	9070	9610	8680	16170	9000

Water diverted 93860 A.F.

DAILY DIVERSIONS OF CANALS--1962
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	46	126	107	161	162	2	52	48	150	71	148	137
2	40	140	123	160	167	1	50	12	148	69	153	141
3	68	101	126	159	144	1	60	40	145	65	126	112
4	68	148	126	160	164	1	112	49	151	35	159	111
5	68	119	86	155	167	1	118	32	142	25	97	94
6	72	126	106	144	154	1	116	22	100	1	63	96
7	114	97	122	169	161	1	131	21	66	5	58	88
8	100	144	102	140	42	1	144	37	148	40	57	82
9	70	177	64	132	1	1	126	42	137	17	65	80
10	85	155	45	135	1	1	112	42	154	22	105	81
11	110	184	61	158	1	1	136	56	170	56	137	71
12	104	193	84	140	1	1	134	144	145	52	142	87
13	97	198	92	168	1	0	123	123	162	66	127	96
14	92	138	109	159	1	1	122	122	160	108	128	65
15	80	162	131	162	0	1	122	128	159	160	150	62
16	83	104	129	171	0	1	103	140	162	176	155	80
17	75	46	128	162	0	1	92	154	166	159	151	136
18	111	36	128	160	0	0	121	169	151	161	158	88
19	99	44	129	162	0	0	122	160	150	135	160	46
20	88	51	63	161	1	0	94	162	158	168	159	63
21	106	88	33	161	1	0	94	150	161	167	156	62
22	104	149	28	172	1	0	100	61	158	126	142	57
23	105	161	62	171	1	1	101	41	136	84	135	64
24	90	127	90	162	1	0	82	31	88	69	148	73
25	105	147	104	157	1	0	74	25	116	86	136	75
26	116	140	105	157	1	1	88	34	103	66	144	116
27	107	119	106	150	1	1	74	44	97	37	126	96
28	112	105	118	152	1	1	71	48	84	44	127	82
29	120	135	154	154	-	0	69	127	44	75	124	99
30	101	139	160	162	-	11	68	169	31	78	127	87
31	108	---	161	162	-	36	---	172	---	79	126	---
Mean	92	127	103	157	42	2	10	84	1310	81	129	88
Max.	120	198	161	172	167	36	144	172	170	176	160	141
Min.	40	36	28	132	0	0	50	12	31	1	57	46
A.F.	5640	7540	6310	9680	2340	130	5970	5170	7820	4960	7910	5210

Water returned 68680 A.F.

DAILY DIVERSIONS OF CANALS--1962
 GOTHENBURG IRRIGATION CANAL from Platte River
 Measured through Parshall flume--Sec. 28-12-26 W.

Date	May	June	July	Aug.	Sept.
1	15	18	49	0	141
2	4	41	25	0	98
3	22	38	20	6	108
4	8	24	44	0	83
5	18	20	42	11	89
6	34	0	60	8	66
7	61	0	82	0	54
8	64	0	33	19	79
9	81	0	62	31	73
10	61	0	80	52	53
11	84	0	79	72	52
12	66	0	56	52	101
13	77	0	103	87	30
14	63	0	72	130	50
15	75	0	47	145	87
16	87	0	17	141	73
17	54	0	0	157	12
18	16	0	8	141	0
19	32	0	11	137	65
20	18	0	10	145	5
21	0	0	14	157	0
22	20	0	9	173	45
23	47	0	18	188	0
24	53	0	28	169	0
25	57	0	59	191	0
26	58	0	20	178	0
27	42	0	47	210	0
28	63	0	94	198	0
29	64	23	35	207	0
30	56	78	49	180	0
31	8	—	67	184	—
Mean	45	8	43	109	45
Max.	87	78	103	210	108
Min.	4	0	0	0	0
A.F.	2790	480	2660	6680	2710

Water diverted 15320 A.F.
 Sutherland storage included
 Acreage reported D-645a-860, D-645b-17000,
 A-3716-4585, Total-22445

DAILY DIVERSIONS OF CANALS--1962
 HAIGLER CANAL from Republican River

Measured through section of canal--Sec. 2-1-43 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	45	0	0	0	65
2	0	66	0	0	0	74
3	0	65	0	0	0	70
4	0	58	0	0	0	72
5	0	55	0	0	0	84
6	0	51	0	0	0	48
7	0	55	0	0	0	92
8	0	59	0	0	0	41
9	0	61	0	3	0	67
10	0	61	0	8	0	38
11	0	54	0	12	29	38
12	0	51	0	16	27	45
13	0	65	0	14	26	47
14	0	52	0	20	25	67
15	0	0	0	23	23	55
16	0	0	0	33	21	84
17	0	0	0	30	34	63
18	0	0	0	33	47	63
19	0	0	12	44	60	63
20	0	0	14	39	73	63
21	0	0	16	42	86	63
22	0	0	21	37	97	63
23	0	0	21	37	109	67
24	0	0	21	38	70	45
25	43	25	21	34	112	45
26	57	25	21	0	76	48
27	51	25	21	0	80	84
28	47	25	12	0	76	52
29	52	25	16	0	72	52
30	55	25	0	0	60	55
31	—	12	—	0	74	—
Mean	10	31	7	15	41	60
Max.	57	65	21	44	112	92
Min.	0	0	0	0	0	38
A.F.	610	1900	390	920	2530	3600

Water diverted 9950 A.F.
 Supplemental storage included
 Acreage reported D-1025-2019

DAILY DIVERSIONS OF CANALS--1962
 GRAF CANAL from Blue Creek--Measured
 through Parshall flume--Sec. 19-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	10	0	0	3	15	18
2	7	0	0	2	13	10
3	6	0	0	1	14	2
4	6	7	0	1	11	0
5	5	7	0	1	9	0
6	3	0	0	1	7	0
7	0	0	0	1	3	0
8	0	0	1	1	5	0
9	0	4	0	1	10	0
10	0	15	0	1	12	0
11	0	17	2	3	18	4
12	0	18	5	3	18	8
13	0	17	6	2	15	11
14	0	15	2	1	15	14
15	0	10	2	1	16	14
16	0	6	1	1	16	12
17	0	19	2	2	18	13
18	0	13	1	1	19	14
19	0	8	1	1	18	12
20	0	7	1	1	20	11
21	0	7	1	1	21	12
22	0	2	1	1	0	12
23	0	0	1	2	0	12
24	0	0	1	14	0	11
25	0	0	1	14	0	12
26	0	1	1	16	0	13
27	0	0	1	20	5	10
28	0	3	1	17	11	4
29	0	3	1	14	13	4
30	0	2	2	14	14	5
31	0	1	—	11	17	—
Mean	1	6	1	5	11	8
Max.	10	19	6	20	21	18
Min.	0	0	0	1	0	0
A.F.	70	360	70	310	700	470

Water diverted 1980 A.F.
 Acreage reported D-763R-85, D-781R-15, D-788-1989,
 Total-2089

DAILY DIVERSIONS OF CANALS--1962
 HARRIS-NEECE CANAL from Niobrara River

Measured through rating flume--Sec. 3-28-55 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	13	0	16	0	14
2	0	12	0	16	0	12
3	0	13	0	17	0	11
4	0	14	0	17	0	12
5	0	14	0	18	0	12
6	0	14	0	18	0	12
7	0	14	0	17	0	12
8	0	13	0	17	0	10
9	0	10	0	16	0	10
10	0	7	0	16	0	10
11	0	7	0	15	0	9
12	0	6	0	14	0	7
13	0	7	0	14	0	6
14	0	8	0	14	4	5
15	0	8	1	14	0	4
16	0	8	2	14	10	5
17	0	11	3	14	10	8
18	0	13	4	13	9	11
19	0	17	5	12	9	11
20	0	13	6	11	9	12
21	0	12	7	10	9	12
22	0	15	8	9	9	13
23	0	13	9	8	9	14
24	5	12	10	7	10	14
25	13	11	11	6	10	13
26	13	3	12	5	11	13
27	13	0	13	4	13	13
28	13	0	14	3	11	13
29	13	0	15	2	11	12
30	13	0	15	1	12	12
31	—	0	—	0	14	—
Mean	3	9	4	12	5	11
Max.	13	17	15	18	14	14
Min.	0	0	0	0	0	4
A.F.	160	570	260	710	340	640

Water diverted 2680 A.F.
 Acreage reported D-517-600, A-2275-509, Total-1109

DAILY DIVERSIONS OF CANALS--1962
 GEO HITSHEW CANAL from Niobrara River
 Measured through rating flume--Sec. 6-28-52 W.

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

Water diverted 250 A.F.
 Acreage reported A-1260-180

DAILY DIVERSIONS OF CANALS--1962
 HUGHES CANAL from Niobrara River
 Measured through rating flume--Sec. 1-28-52 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	2	0	0	0	0	0
2	2	0	0	0	0	0
3	2	0	0	0	0	0
4	2	0	0	0	0	0
5	2	0	0	0	0	0
6	2	0	0	0	0	2
7	2	0	0	0	0	3
8	2	1	0	0	0	3
9	1	1	0	0	0	3
10	0	0	0	0	0	2
11	0	0	0	0	0	3
12	0	0	0	0	0	2
13	0	0	0	0	0	1
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	1
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	1	0	0	0	0	1
Max.	2	1	0	0	0	3
Min.	0	0	0	0	0	0
A.F.	30	10	0	0	0	40

Water diverted 80 A.F.
 Acreage reported D-987a-40, D-987b-20, Total-60

DAILY DIVERSIONS OF CANALS--1962
 HOOPER CANAL from Blue Creek--Measured
 through Parshall flume--Sec. 6-16-42 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	14	15	6	0	14	13
2	14	15	5	0	12	17
3	13	16	4	0	12	14
4	13	10	3	0	14	15
5	14	11	2	0	13	13
6	10	15	0	0	14	13
7	9	17	0	0	15	13
8	10	14	0	0	15	10
9	11	13	0	0	12	12
10	14	12	0	0	14	13
11	9	12	0	0	13	9
12	4	14	0	0	13	12
13	8	13	0	0	11	12
14	8	13	0	0	12	12
15	5	11	0	0	13	12
16	0	12	0	0	13	12
17	0	10	0	0	12	12
18	0	12	0	0	11	11
19	0	12	0	0	13	12
20	0	10	0	0	13	11
21	0	11	0	0	14	13
22	0	13	0	0	13	13
23	0	6	0	0	13	12
24	0	6	0	0	14	13
25	0	12	0	10	14	14
26	0	10	0	15	14	8
27	0	11	2	14	12	13
28	0	12	6	14	15	14
29	0	7	9	14	17	16
30	0	4	14	12	18	15
31	0	4	-	13	13	-
Mean	5	11	2	3	13	13
Max.	14	17	14	15	18	17
Min.	0	4	0	0	11	8
A.F.	310	700	100	180	830	750

Water diverted 2870 A.F.
 Acreage reported D-781-858, D-788R-19, Total-877

DAILY DIVERSIONS OF CANALS--1962
 HURLEY-LILLY-POLLY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 26-15-56 W.

Date	May	June	July	Aug.	Sept.
1	5	4	0	0	2
2	5	4	0	2	2
3	5	4	0	2	2
4	4	4	0	3	2
5	5	4	0	2	2
6	5	4	0	3	2
7	4	4	3	3	0
8	5	4	3	3	0
9	4	3	3	2	0
10	2	3	3	1	0
11	4	3	3	1	0
12	4	3	3	1	0
13	4	3	3	1	0
14	3	2	0	1	0
15	3	0	0	1	0
16	3	0	0	2	0
17	2	0	0	1	0
18	2	0	0	2	0
19	3	0	3	2	0
20	4	0	3	2	0
21	3	0	3	2	0
22	3	0	3	2	0
23	3	0	2	2	0
24	3	0	0	2	0
25	4	0	0	2	0
26	3	0	0	2	0
27	4	0	0	2	0
28	4	0	0	2	0
29	3	0	0	2	1
30	3	0	0	2	1
31	3	-	0	2	-
Mean	3	2	1	2	0
Max.	5	4	3	3	2
Min.	2	0	0	1	0
A.F.	210	100	70	110	30

Water diverted 520 A.F.
 Acreage reported D-354-170, A-4818-67,
 Total-237

DAILY DIVERSIONS OF CANALS--1962
 INTERSTATE CANAL from North Platte River
 Measured through rating flume--Sec. 11-26-65 W., Wyo.

Date	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	0	0	941	1238	972	0	1653	1884
2	0	0	944	1379	972	244	1624	1861
3	0	0	952	1501	966	536	1650	1825
4	0	0	949	1581	969	919	1749	1808
5	0	0	969	1634	975	1164	1815	1759
6	0	0	986	1670	983	1300	1878	1766
7	0	0	991	1683	975	1351	1907	1756
8	0	0	994	1726	796	1408	1907	1703
9	0	0	991	1726	498	1581	1904	1683
10	0	0	991	1729	50	1699	1904	1634
11	0	0	991	1779	0	1742	1894	1521
12	0	0	997	1789	0	1759	1881	1501
13	0	0	1000	1812	0	1554	1871	1498
14	0	0	1000	1818	0	1028	1871	1501
15	0	0	1000	1775	0	1238	1878	1498
16	0	0	1005	1792	0	1538	1891	1501
17	0	0	1005	1666	0	1584	1894	1541
18	0	0	1008	1498	0	1584	1888	1541
19	404	0	1005	1408	0	1620	1888	1548
20	597	0	1005	1402	0	1782	1881	1544
21	853	0	1008	1395	0	1835	1881	1538
22	809	0	1008	1313	0	1835	1881	1528
23	782	50	1008	1210	0	1878	1881	1528
24	809	506	1011	1155	0	1884	1884	1571
25	847	793	1011	1084	0	1888	1888	1561
26	210	866	1019	1017	0	1888	1891	1561
27	0	941	1022	1022	0	1878	1891	1564
28	0	941	1022	1000	0	1789	1898	1272
29	-	944	1053	975	0	1749	1907	793
30	-	941	1170	972	0	1733	1921	721
31	-	941	-----	977	-	1624	1917	-----
Mean	190	223	1002	1443	272	1471	1860	1550
Max.	853	944	1170	1818	983	1888	1921	1884
Min.	0	0	941	972	0	0	1624	721
A.F.	10530	13730	59620	88710	16180	90470	114380	92250

Water diverted 485870 A.F.

Pathfinder storage included

Acreeage reported A-768 Nebr-111699, A-768 Wyo-13375, Total-125074

DAILY DIVERSIONS OF CANALS--1962
 JOHNSON CANAL from Niobrara River--Measured
 through 1 1/2-foot Parshall flume--Sec. 35-31-57 W.

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

Water diverted 40 A.F.

Acreeage reported D-511-146

DAILY DIVERSIONS OF CANALS--1962
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	214	14	251	0	39	17	98	115	162	122	151	151
2	110	13	256	0	162	18	142	209	104	260	189	162
3	285	12	249	0	146	18	172	278	110	177	61	187
4	292	12	232	0	101	18	173	232	170	168	57	265
5	283	12	265	0	0	8	179	195	197	222	181	258
6	168	12	303	0	0	0	191	226	263	160	267	298
7	141	12	218	0	0	0	209	242	278	60	265	242
8	118	12	234	0	0	0	214	226	117	146	228	193
9	110	12	33	0	0	0	216	185	158	168	189	244
10	113	12	0	0	0	0	218	201	139	172	185	312
11	104	12	0	0	0	0	218	240	187	187	189	254
12	101	12	0	0	13	0	214	139	181	285	172	310
13	100	12	0	0	41	0	218	117	90	189	181	305
14	98	12	0	0	41	0	214	117	157	132	187	238
15	94	12	0	0	158	0	197	117	201	218	254	139
16	88	11	0	0	153	0	212	130	98	209	216	197
17	84	10	0	0	106	0	228	212	175	74	205	329
18	84	10	0	0	14	0	193	280	274	67	197	130
19	80	4	0	0	14	0	232	106	276	56	214	164
20	80	0	0	0	14	0	207	193	260	127	260	310
21	74	0	0	0	15	30	201	276	209	232	207	244
22	74	0	0	0	15	74	201	267	173	228	205	50
23	69	0	0	0	15	100	197	274	84	272	216	134
24	70	0	0	0	16	107	236	292	162	230	205	303
25	44	0	0	0	16	110	191	212	185	274	168	312
26	15	0	0	0	16	106	139	185	265	234	158	308
27	15	86	0	0	17	144	141	177	267	172	149	310
28	15	232	0	0	17	120	120	220	249	82	214	220
29	14	216	0	0	---	110	115	216	137	144	242	84
30	14	216	0	0	---	102	124	172	70	230	254	142
31	14	---	0	0	---	101	---	236	---	240	157	---
Mean	102	32	66	0	40	38	187	203	180	179	194	226
Max.	292	232	303	0	162	144	236	292	278	285	267	329
Min.	14	0	0	0	0	0	98	106	70	56	57	84
A.F.	6280	1920	4050	0	2240	2340	11130	12470	10710	10980	11950	13480

Water diverted 87550 A.F.
Sutherland Storage Available
Acreage reported D-1023-4225, A-8399-1688, Total-5913

DAILY DIVERSIONS OF CANALS--1962
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	26	0	159	0	0	19	90	161	202	93	96	100
2	0	0	148	0	25	16	90	154	105	201	188	116
3	0	0	150	0	131	10	98	202	95	231	143	111
4	0	0	128	0	97	21	237	181	164	128	60	187
5	0	0	156	0	34	23	192	72	155	170	93	201
6	0	0	62	0	18	16	142	66	213	201	220	210
7	0	0	3	0	7	14	96	184	234	76	226	220
8	0	0	0	0	3	8	95	188	191	66	215	155
9	0	0	0	0	3	0	171	159	52	173	187	143
10	0	0	0	0	3	1	178	138	51	168	160	243
11	0	0	0	0	1	2	177	184	96	187	161	251
12	0	0	0	0	0	2	174	80	152	266	151	252
13	0	0	0	0	0	2	167	69	96	307	144	261
14	0	0	0	0	19	2	178	67	48	182	159	262
15	0	0	0	0	86	2	143	78	163	192	269	139
16	0	0	0	0	106	4	170	78	109	290	220	107
17	0	0	0	0	104	0	178	131	83	126	175	238
18	0	0	0	0	18	0	184	194	196	226	175	213
19	0	0	0	0	0	0	192	57	234	58	161	93
20	0	0	0	0	0	0	129	35	222	57	194	196
21	0	0	0	0	0	0	63	188	177	60	188	261
22	0	0	0	0	0	1	60	209	234	58	173	96
23	0	0	0	0	0	0	108	213	86	227	174	50
24	0	0	0	0	0	4	147	230	85	216	188	223
25	0	0	0	0	0	0	196	220	177	215	155	262
26	0	0	0	0	0	0	184	163	229	208	112	215
27	0	0	0	0	0	0	175	109	241	182	133	248
28	0	0	0	0	0	2	84	166	224	107	137	241
29	0	0	0	0	---	80	67	210	202	94	201	113
30	0	74	0	0	---	80	147	133	73	208	175	75
31	0	---	0	0	---	80	---	184	---	229	189	---
Mean	1	2	26	0	23	12	144	145	153	165	168	183
Max.	26	74	159	0	131	80	237	230	241	307	269	262
Min.	0	0	0	0	0	0	60	35	48	57	60	50
A.F.	50	150	1600	0	1300	770	8550	8930	9100	10160	10360	10870

Water returned 61840 A.F.

DAILY DIVERSIONS OF CANALS--1962
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	55	13	56	23	104
2	53	78	10	53	47	106
3	50	84	12	51	74	103
4	48	72	13	51	55	104
5	46	84	13	50	61	101
6	46	80	24	48	80	106
7	44	85	26	48	84	107
8	39	86	22	65	85	98
9	38	86	22	73	79	93
10	39	84	12	74	85	91
11	38	85	11	53	89	93
12	39	88	25	39	89	97
13	39	84	13	58	93	99
14	39	75	13	36	100	93
15	39	48	10	18	102	93
16	38	66	10	16	101	93
17	39	49	19	16	103	93
18	38	39	10	16	102	93
19	39	12	8	28	103	93
20	39	58	13	53	105	93
21	39	50	11	63	106	79
22	39	23	7	62	101	73
23	39	31	7	71	97	74
24	39	46	6	81	100	73
25	21	81	5	80	101	72
26	0	36	4	84	99	67
27	0	50	3	85	98	69
28	0	36	1	85	103	58
29	0	43	13	84	102	60
30	0	8	40	81	104	83
31	0	8	—	73	108	—
Mean	33	58	13	57	90	89
Max.	56	88	40	85	108	107
Min.	0	8	1	16	23	58
A.F.	2030	3590	780	3480	5510	5280

Water diverted 20670 A.F.
Acreage reported D-722-6146

DAILY DIVERSIONS OF CANALS--1962
LAKOTA CANAL from Niobrara River
Measured through 2-foot Parshall flume
Sec. 1-30-57 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	3	0	5	7	1	9	4
2	3	0	5	7	1	7	4
3	3	0	5	7	1	5	4
4	3	0	4	7	1	5	4
5	2	0	4	7	1	5	4
6	2	0	4	9	1	5	4
7	2	0	4	8	1	4	4
8	2	0	4	5	1	4	4
9	4	0	2	5	3	4	4
10	4	0	3	4	5	4	4
11	4	0	3	4	5	4	3
12	4	0	3	5	5	2	3
13	2	0	3	5	5	2	3
14	0	0	4	5	6	2	3
15	0	0	3	5	6	2	3
16	0	0	3	7	5	2	3
17	0	0	5	10	5	2	3
18	0	2	6	10	5	2	3
19	0	5	6	3	5	3	3
20	0	4	5	1	5	3	3
21	0	4	6	1	5	3	3
22	0	4	6	1	4	3	3
23	0	4	6	1	4	4	3
24	0	2	5	1	4	4	3
25	0	2	6	1	4	4	3
26	0	3	6	1	4	4	3
27	0	3	6	1	4	3	3
28	0	2	7	1	5	3	3
29	0	2	8	1	5	3	3
30	0	4	8	1	5	3	4
31	0	—	7	—	6	4	—
Mean	1	1	5	4	4	4	3
Max.	4	5	8	10	6	9	4
Min.	0	0	2	1	1	2	3
A.F.	80	80	300	260	230	230	200

Water diverted 1380 A.F.
Acreage reported D-554-410

DAILY DIVERSIONS OF CANALS--1962
KINGMILL CANAL from Lodgepole Creek
Measured through section of canal--Sec. 36-15-57 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	23	25
2	0	0	0	24	32
3	0	0	0	22	28
4	0	0	0	26	29
5	0	0	0	30	28
6	0	0	11	33	29
7	0	0	11	41	27
8	0	0	11	43	24
9	0	0	25	43	28
10	0	0	27	44	25
11	0	0	41	46	30
12	0	0	34	46	28
13	0	0	35	43	28
14	0	0	37	45	29
15	0	0	37	42	32
16	0	0	37	42	24
17	0	0	41	42	22
18	0	0	40	43	0
19	0	0	43	44	0
20	0	0	33	43	0
21	0	0	23	43	0
22	0	0	24	43	0
23	0	0	23	42	0
24	0	0	25	43	0
25	0	0	27	41	0
26	0	0	27	41	0
27	0	0	27	39	0
28	0	0	27	38	0
29	0	0	27	41	0
30	0	0	26	40	0
31	0	—	28	39	—
Mean	0	0	24	39	16
Max.	0	0	43	46	32
Min.	0	0	0	22	0
A.F.	0	0	1480	2420	930

Water diverted 4830 A.F.
Acreage reported A-897-4500
Oliver Reservoir storage included

DAILY DIVERSIONS OF CANALS--1962
LaBELLE CANAL from Niobrara River
Measured through rating flume--Sec. 6-28-54 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	6	5
2	0	0	0	6	5
3	3	0	0	5	5
4	4	0	0	5	5
5	4	0	6	4	6
6	4	0	5	3	6
7	4	0	5	0	6
8	5	0	5	0	6
9	4	0	5	0	6
10	4	0	5	0	6
11	4	0	5	0	6
12	4	0	5	0	6
13	5	0	4	0	5
14	5	0	4	0	6
15	5	0	4	0	5
16	5	0	4	0	5
17	7	0	4	5	5
18	8	0	4	4	5
19	6	0	4	4	5
20	5	0	4	4	5
21	5	0	5	5	5
22	5	0	4	5	5
23	5	0	2	5	5
24	5	0	2	5	4
25	3	0	7	5	4
26	2	0	7	4	4
27	2	0	7	4	4
28	3	0	7	4	4
29	1	0	6	4	2
30	1	0	6	4	1
31	0	—	6	6	—
Mean	4	0	4	3	5
Max.	8	0	7	6	6
Min.	0	0	0	0	1
A.F.	240	0	260	190	290

Water diverted 980 A.F.
Acreage reported D-518-140, A-60-220,
Total-360

DAILY DIVERSIONS OF CANALS--1962
 LAST CHANCE CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 27-19-50 W

Date	May	June	July	Aug.	Sept.
1	0	8	0	9	6
2	0	8	0	5	6
3	0	8	0	1	6
4	3	8	0	3	6
5	6	9	0	3	6
6	6	9	0	2	7
7	6	7	0	6	7
8	7	7	0	9	7
9	7	7	0	8	7
10	7	7	0	8	7
11	7	8	0	6	7
12	7	9	0	6	8
13	7	18	0	6	9
14	6	17	0	5	9
15	6	4	0	5	9
16	6	0	0	5	9
17	7	0	0	6	9
18	7	0	0	7	10
19	7	0	2	7	10
20	7	0	5	7	10
21	7	0	7	8	10
22	6	0	8	3	10
23	6	0	7	2	10
24	6	0	7	2	10
25	6	0	6	1	10
26	7	0	6	1	10
27	8	0	6	4	10
28	8	0	5	8	3
29	8	0	5	9	1
30	7	0	5	7	1
31	8	-	7	6	-
Mean	6	4	2	5	8
Max.	8	18	8	9	10
Min.	0	0	0	1	1
A.F.	370	260	150	330	460

Water diverted 1570 A.F.
 Acreage reported D-883-442

DAILY DIVERSIONS OF CANALS-1962
 LISCO CANAL from North Platte River
 Measured over weir--Sec. 14-18-47 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	39	42
2	0	0	0	39	42
3	35	0	0	36	39
4	42	0	0	33	35
5	27	0	10	42	31
6	20	0	16	38	30
7	16	0	12	30	30
8	34	0	8	33	28
9	58	0	7	36	24
10	59	0	18	30	23
11	60	0	27	29	28
12	52	0	19	21	32
13	47	0	2	24	30
14	45	0	0	46	28
15	28	0	0	46	27
16	36	0	0	42	25
17	34	0	0	42	22
18	24	0	13	45	21
19	30	0	12	47	17
20	42	0	7	46	12
21	39	0	6	48	14
22	33	0	4	46	14
23	27	0	0	46	17
24	20	0	29	41	20
25	18	0	25	42	23
26	20	0	24	44	24
27	11	16	28	47	25
28	12	29	28	39	26
29	17	8	27	38	31
30	1	0	30	42	31
31	0	-	39	62	-
Mean	29	2	13	40	26
Max.	60	29	39	62	42
Min.	0	0	0	21	12
A.F.	1760	100	780	2460	1570

Water diverted 6670 A.F.
 Acreage reported D-856-1391, D-787R-914,
 D-798-300, A-243R-736, A-991-216, A-465B-112,
 A-5572-98, Total 3767

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DAILY DIVERSIONS OF CANALS--1962
 LIGHTS CANAL from Niobrara River
 Measured through Parshall flume--Sec. 27-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	1	0	0	0	0
6	3	0	0	0	0
7	3	0	0	0	0
8	3	0	0	0	0
9	3	0	0	0	0
10	4	0	0	0	0
11	4	0	0	0	0
12	5	0	0	0	0
13	5	0	0	0	0
14	5	0	0	0	0
15	5	0	0	0	0
16	5	0	0	0	0
17	6	0	0	0	0
18	6	0	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	5	0	0	0	0
26	4	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	3	0	0	0	0
Max.	6	0	0	0	0
Min.	0	0	0	0	0
A.F.	190	0	0	0	0

Water diverted 190 A.F.
 Acreage reported D-479-101, A-1086-207,
 A-1088-31, A-1152-17, A-2523-205, A-2837-102,
 A-3592-46, Total-709

DAILY DIVERSIONS OF CANALS--1962
 MCGINLEY-STOVER (North) from Niobrara River
 Measured through rating flume--Sec. 25-29-56 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	7	0	8	0	0	0
2	7	0	8	0	0	0
3	8	0	8	0	0	0
4	8	0	8	0	0	0
5	7	0	8	0	0	0
6	6	0	8	0	0	0
7	5	2	8	0	0	0
8	6	7	7	0	0	0
9	7	8	7	0	0	0
10	8	7	7	0	0	0
11	8	7	7	0	0	0
12	7	7	4	0	0	0
13	7	7	0	0	0	0
14	0	8	0	0	0	0
15	0	8	0	0	0	0
16	0	8	0	0	0	0
17	0	8	0	0	0	0
18	0	8	0	0	0	0
19	0	8	0	0	0	0
20	0	8	0	0	0	0
21	0	7	0	0	0	0
22	0	9	0	0	0	0
23	0	9	0	0	0	0
24	0	9	0	0	0	0
25	0	10	0	0	0	0
26	0	9	0	0	0	0
27	0	10	0	0	0	0
28	0	9	0	0	0	0
29	0	8	0	0	0	0
30	0	9	0	0	0	0
31	0	8	-	0	0	-
Mean	3	6	3	0	0	0
Max.	8	10	8	0	0	0
Min.	0	0	0	0	0	0
A.F.	180	390	170	0	0	0

Water diverted 750 A.F.
 Acreage reported D-513a-515, D-980-65, Total-580

DAILY DIVERSIONS OF CANALS--1962
 MCGINLEY-STOVER (South) from Niobrara River
 Measured through rating flume--Sec. 25-29-56 W.

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

Water diverted 130 A.F.
 Acreage reported D-513b-120

DAILY DIVERSIONS OF CANALS--1962
 McLAUGHLIN CANAL from Niobrara River
 Measured through rating flume--Sec. 9-28-52 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	3	0	5	3	1
2	0	2	0	5	2	2
3	0	2	0	5	0	4
4	0	2	0	5	0	5
5	0	1	0	5	0	4
6	0	1	0	6	0	4
7	0	2	0	6	0	4
8	0	4	0	4	0	4
9	0	3	0	4	0	4
10	0	3	0	4	0	4
11	0	3	0	4	0	3
12	0	3	0	4	0	3
13	0	2	0	5	0	3
14	0	2	0	5	0	3
15	0	3	0	2	0	3
16	0	3	0	2	0	2
17	0	4	0	2	0	2
18	0	4	0	2	0	2
19	0	4	0	3	4	1
20	0	4	0	3	6	1
21	0	2	0	2	6	1
22	0	0	0	2	6	1
23	0	0	0	2	4	1
24	5	0	0	2	4	1
25	10	0	1	2	4	1
26	9	0	5	2	4	1
27	8	0	5	2	5	1
28	7	0	4	2	3	1
29	4	0	4	2	1	1
30	4	0	5	2	1	1
31	-	0	-	2	1	-
Mean	2	2	1	3	2	2
Max.	10	4	5	6	6	5
Min.	0	0	0	2	0	1
A.F.	90	110	50	200	110	140

Water diverted 700 A.F.
 Acreage reported D-566-420

DAILY DIVERSIONS OF CANALS--1962
 McINTOSH CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 23-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	2	2	0	2
2	0	2	2	0	2
3	0	2	2	0	2
4	0	2	2	0	2
5	0	2	2	0	2
6	0	2	4	0	3
7	0	2	2	0	3
8	0	2	1	0	3
9	0	2	1	0	2
10	0	2	1	0	3
11	0	2	1	0	3
12	0	2	2	0	3
13	0	2	3	0	3
14	0	3	1	0	3
15	0	2	1	0	3
16	6	2	1	0	3
17	4	2	0	0	3
18	4	2	0	0	2
19	5	2	0	0	2
20	4	2	0	9	2
21	4	2	0	3	2
22	4	2	0	3	2
23	4	2	0	4	2
24	4	2	0	4	2
25	4	1	0	4	2
26	3	1	0	4	2
27	4	2	0	4	2
28	4	2	0	3	5
29	3	2	0	3	4
30	4	2	0	3	3
31	2	-	0	2	-
Mean	2	2	1	1	3
Max.	6	3	4	9	5
Min.	0	1	0	0	2
A.F.	120	120	60	90	150

Water diverted 540 A.F.
 Acreage reported D-351-176, A-734-122,
 Total-298

DAILY DIVERSIONS OF CANALS--1962
 MEEKER-DRIFTWOOD CANAL from Republican River
 Measured through 12-foot Parshall flume--Sec. 8-2-33 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	74	163	166
2	15	40	0	75	103	166
3	23	59	0	76	94	166
4	23	59	0	76	80	166
5	21	59	0	40	76	166
6	20	59	0	27	77	155
7	20	62	0	52	76	140
8	20	68	0	53	111	122
9	20	67	0	66	142	116
10	16	67	0	75	177	116
11	15	67	0	74	191	99
12	15	68	0	75	193	78
13	13	68	0	74	226	72
14	8	49	0	83	252	71
15	3	69	0	88	254	62
16	0	94	0	104	266	57
17	0	63	0	124	271	57
18	0	21	0	122	244	56
19	0	0	0	96	241	56
20	0	0	0	69	232	56
21	0	0	0	60	226	48
22	0	0	0	60	225	43
23	0	0	0	102	226	42
24	0	0	0	131	227	35
25	0	0	37	178	215	29
26	0	0	66	221	206	24
27	0	0	66	243	179	22
28	0	0	66	250	164	22
29	0	0	66	250	169	22
30	0	0	73	250	166	22
31	0	0	-	-	168	-
Mean	7	34	12	105	182	82
Max.	23	94	73	250	271	166
Min.	0	0	0	27	76	22
A.F.	460	2060	740	6480	11190	4860

98 Water diverted 25790 A.F.
 Acreage reported D-4,9,8,7-2775, A-3865bR-3492,
 A-3887cR-97, A-6213-9491, A-9690-257, A-9911-529,
 Total-16641

DAILY DIVERSIONS OF CANALS--1962
 MEREDITH-AMMER CANAL from Pumpkinseed Creek
 Measured through rating flume--Sec. 23-19-50 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	9	7
2	0	0	0	7	6
3	0	0	0	8	7
4	4	0	0	9	7
5	10	0	0	8	7
6	7	0	0	7	7
7	7	0	0	7	6
8	9	0	0	6	6
9	11	0	0	6	5
10	11	0	4	5	6
11	10	0	6	4	6
12	9	0	5	4	6
13	9	0	4	4	5
14	8	0	4	6	5
15	6	0	3	9	4
16	7	0	2	9	4
17	7	0	2	8	4
18	7	0	2	6	4
19	6	0	2	6	4
20	6	0	2	7	4
21	6	0	2	6	4
22	7	0	7	6	4
23	7	0	10	4	4
24	4	0	10	4	4
25	4	0	9	3	4
26	4	0	9	3	4
27	4	0	9	2	3
28	4	0	7	4	0
29	3	0	4	6	0
30	0	0	7	8	0
31	0	-	7	9	-
Mean	6	0	4	6	5
Max.	11	0	10	9	7
Min.	0	0	0	2	0
A.F.	350	0	230	380	270

Water diverted 1230 A.F.
 Acreage reported D-876-427, *D-828-144,
 Total-671

*For this land 2 s.f. was diverted from North
 Platte River by Belmont Canal, spilled into
 Pumpkinseed Creek, diverted by Meredith-Ammer
 for lands located west of Pumpkinseed Creek in
 Section 12-19-50 W.

DAILY DIVERSIONS OF CANALS--1962
 MENTLEY CANAL from Niobrara River
 Measured through rating flume--Sec. 4-28-54 W.

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

Water diverted 120 A.F.
 Acreage reported A-292-286, A-1248-53, A-2244-80,
 Total-419

DAILY DIVERSIONS OF CANALS--1962

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 1 from Middle Loup River
Measured through rating flume--Sec. 10-19-18 W.

Date	May	June	July	Aug.	Sept.
1	0	24	11	14	32
2	0	21	12	5	30
3	0	12	13	3	29
4	0	10	13	3	27
5	0	10	13	1	20
6	0	10	13	2	19
7	0	4	13	2	22
8	0	3	12	2	24
9	0	3	12	6	27
10	0	4	11	11	26
11	0	8	12	20	21
12	0	9	12	20	20
13	0	9	13	23	20
14	0	9	13	30	21
15	0	9	13	33	23
16	0	9	12	33	23
17	0	8	10	25	22
18	0	10	11	24	20
19	0	11	10	21	18
20	0	11	10	22	16
21	0	11	10	27	18
22	0	11	10	28	17
23	0	11	11	27	17
24	0	11	13	28	17
25	0	10	13	28	12
26	0	10	14	26	0
27	0	11	16	25	0
28	0	11	14	24	0
29	0	10	11	24	0
30	0	10	15	23	0
31	14	---	16	24	-
Mean	0	10	12	19	18
Max.	14	24	16	33	32
Min.	0	3	10	1	0
A.F.	30	590	760	1160	1070

Water diverted 3610 A.F.
Acreage reported A-2293-2356, A-3979a-748,
A-3981a-220, A-8692-43, A-8930-32, Total-3399

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 2 from Middle Loup River
Measured through rating flume--Sec. 10-19-18 W.

Date	May	June	July	Aug.	Sept.
1	0	14	9	13	21
2	0	15	9	13	17
3	0	15	9	8	12
4	0	15	8	13	12
5	0	15	9	10	11
6	0	17	9	11	11
7	0	11	8	10	12
8	0	11	7	12	14
9	0	9	7	14	19
10	0	8	7	14	19
11	0	8	9	14	17
12	0	12	10	14	14
13	0	16	10	13	14
14	0	15	11	13	15
15	25	13	12	13	15
16	28	13	11	13	16
17	36	11	13	13	21
18	26	11	11	13	9
19	18	10	11	14	0
20	13	9	12	14	0
21	12	9	13	15	0
22	11	9	13	16	0
23	11	9	13	16	0
24	12	9	13	17	0
25	15	9	12	16	0
26	16	9	12	14	0
27	19	9	13	17	0
28	14	8	12	20	0
29	18	8	11	20	0
30	17	8	12	15	0
31	15	-	13	15	-
Mean	10	11	11	14	9
Max.	36	16	13	20	21
Min.	0	8	7	8	0
A.F.	610	670	650	860	530

Water diverted 3320 A.F.
Acreage reported A-2293-2558, A-2678-179,
A-3979b-1321, A-3981b-96, A-6623-25, Total-4179

DAILY DIVERSIONS OF CANALS--1962

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 3 from Middle Loup River
Measured through rating flume--Sec. 1-17-17 W.

Date	May	June	July	Aug.	Sept.
1	0	34	28	33	66
2	0	35	31	32	56
3	0	36	30	31	51
4	0	36	24	28	53
5	0	36	25	26	40
6	0	37	26	25	32
7	0	53	23	23	29
8	0	8	22	21	26
9	0	4	21	19	23
10	0	4	21	18	22
11	0	4	21	27	20
12	0	0	22	34	19
13	0	0	25	31	18
14	0	0	27	35	19
15	0	0	25	50	19
16	49	0	23	62	20
17	51	0	26	58	21
18	24	0	26	75	22
19	0	22	23	84	21
20	0	39	21	85	19
21	0	27	18	83	19
22	0	0	18	91	19
23	0	0	15	93	19
24	18	0	16	89	19
25	31	0	18	83	19
26	31	0	18	80	19
27	36	19	19	79	7
28	37	28	17	76	0
29	37	25	17	76	0
30	35	29	28	69	0
31	34	---	30	66	-
Mean	12	16	23	54	24
Max.	51	53	31	93	66
Min.	0	0	15	18	0
A.F.	760	940	1400	3340	1420

Water diverted 7860 A.F.
Acreage reported A-2293-4257, A-2678-110,
A-3979c-4711, A-3981c-82, A-4360-68, Total-9228

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
CANAL NO. 4 from Middle Loup River
Measured through rating flume--Sec. 36-18-17 W.

Date	May	June	July	Aug.	Sept.
1	0	42	37	22	65
2	0	43	34	20	61
3	0	44	33	23	60
4	0	42	33	21	48
5	0	44	33	18	40
6	0	46	33	18	39
7	0	68	31	18	37
8	0	30	29	18	36
9	0	27	22	18	38
10	0	23	20	22	38
11	0	21	20	27	38
12	0	0	20	40	37
13	0	0	22	47	37
14	0	0	25	46	37
15	0	0	27	47	36
16	0	0	25	53	37
17	0	0	27	72	38
18	0	0	24	74	39
19	0	28	23	69	38
20	0	48	22	67	37
21	0	46	20	64	37
22	0	45	20	76	36
23	0	43	19	91	35
24	0	39	19	90	35
25	0	37	24	93	34
26	0	35	27	92	33
27	0	35	23	90	10
28	0	34	20	90	0
29	22	32	20	90	0
30	43	34	20	84	0
31	41	---	20	74	-
Mean	3	30	25	54	35
Max.	43	68	37	93	65
Min.	0	0	19	18	0
A.F.	210	1760	1530	3320	2090

Water diverted 8910 A.F.
Acreage reported A-2293-5847, A-2678-84,
A-3979d-2296, A-3981d-322, A-5139-180, Total-8729

DAILY DIVERSIONS OF CANALS--1962

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

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

Date	May	June	July	Aug.	Sept.
1	0	0	6	13	3
2	0	0	6	8	6
3	0	0	7	2	7
4	0	0	7	1	13
5	0	0	7	1	15
6	0	3	8	0	11
7	0	10	8	0	10
8	0	0	8	0	10
9	0	0	7	0	13
10	0	0	8	1	16
11	0	0	8	7	16
12	0	1	9	10	11
13	0	3	9	9	12
14	0	3	9	14	11
15	0	3	9	17	11
16	0	4	10	17	12
17	0	4	8	16	13
18	0	4	6	20	12
19	0	5	7	16	13
20	0	5	7	12	10
21	0	4	6	8	13
22	0	4	6	9	13
23	0	4	6	8	13
24	0	4	8	7	14
25	0	4	8	7	12
26	0	4	8	6	4
27	0	5	9	4	0
28	0	5	10	2	0
29	0	5	6	3	0
30	0	8	7	4	0
31	0	-	12	4	-
Mean	0	3	8	7	10
Max.	0	10	12	20	16
Min.	0	0	6	0	0
A.F.	0	180	480	450	580

Water returned 1690 A.F.

Date	May	June	July	Aug.	Sept.
1	0	5	8	8	10
2	0	7	7	7	12
3	0	8	6	6	4
4	0	7	6	11	5
5	0	7	3	12	6
6	0	14	3	12	5
7	0	22	7	10	5
8	0	10	5	8	6
9	0	7	4	11	10
10	0	4	4	11	13
11	0	2	7	11	13
12	0	7	8	10	9
13	0	17	10	10	10
14	0	17	10	9	10
15	0	14	10	10	11
16	2	15	13	8	11
17	20	13	12	4	13
18	22	11	9	4	15
19	16	9	9	4	1
20	9	9	9	5	0
21	8	8	9	7	0
22	6	8	8	3	0
23	6	8	7	4	0
24	4	7	9	3	0
25	7	7	9	3	0
26	9	7	9	0	0
27	12	6	11	1	0
28	8	6	11	4	0
29	10	5	8	5	0
30	10	7	9	2	0
31	6	-	12	4	-
Mean	5	9	8	7	6
Max.	22	22	13	12	15
Min.	0	2	3	0	0
A.F.	310	540	500	410	340

Water returned 2100 A.F.

DAILY DIVERSIONS OF CANALS--1962

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	1	15	19	15
2	0	4	16	20	17
3	0	7	17	28	13
4	0	8	17	23	17
5	0	6	15	23	25
6	0	10	15	20	21
7	0	13	16	20	19
8	0	5	15	19	15
9	0	0	13	15	14
10	0	0	12	13	14
11	0	0	12	10	14
12	0	0	15	15	9
13	0	0	15	13	8
14	0	0	18	4	10
15	0	0	17	3	7
16	0	0	17	6	6
17	5	0	22	4	11
18	20	0	11	2	13
19	4	0	11	6	14
20	0	0	10	2	16
21	0	0	14	0	15
22	0	0	14	0	19
23	0	0	14	4	16
24	0	0	13	7	16
25	0	0	14	5	16
26	7	0	14	6	15
27	6	0	14	8	14
28	8	1	13	8	4
29	6	9	9	8	1
30	5	11	9	13	0
31	2	-	13	13	-
Mean	2	2	14	11	13
Max.	20	13	22	28	25
Min.	0	0	9	0	0
A.F.	130	150	870	670	780

Water returned 2600 A.F.

Date	May	June	July	Aug.	Sept.
1	0	1	10	12	17
2	0	1	12	13	14
3	0	4	11	14	16
4	0	7	13	15	19
5	0	7	13	14	13
6	0	9	13	11	12
7	0	16	14	10	16
8	0	3	14	9	16
9	0	1	12	9	14
10	0	0	9	9	17
11	0	0	7	11	20
12	0	0	8	12	23
13	0	0	9	20	22
14	0	0	12	20	21
15	0	0	14	13	18
16	0	0	15	5	19
17	0	0	20	4	21
18	0	0	16	8	23
19	0	0	14	6	25
20	0	0	14	6	23
21	0	0	13	2	22
22	0	4	11	0	23
23	0	10	11	0	27
24	0	8	11	4	25
25	0	8	11	6	25
26	0	7	14	6	25
27	0	6	17	6	23
28	0	7	14	4	9
29	0	7	12	7	1
30	0	6	11	12	4
31	0	-	10	17	-
Mean	0	4	12	9	18
Max.	0	16	20	20	27
Min.	0	0	7	0	1
A.F.	0	220	760	570	1100

Water returned 2650 A.F.

DAILY DIVERSIONS OF CANALS--1962

MIDDLE LOUP PUBLIC POWER AND IRRIGATION DISTRICT
Summary in Acre-feet--1962

	May	June	July	Aug.	Sept.	Total
Diversions:						
Canal No. 1.....	30	590	760	1160	1070	3610
Canal No. 2.....	610	670	650	860	530	3320
Canal No. 3.....	760	940	1400	3340	1420	7860
Canal No. 4.....	210	1760	1530	3320	2090	8910
Total diverted.....	1610	3960	4340	8680	5110	23700
Returned through spillways:						
Canal No. 1.....	0	180	480	450	580	1690
Canal No. 2.....	310	540	500	410	340	2100
Canal No. 3.....	130	150	870	670	780	2600
Canal No. 4.....	0	220	760	570	1100	2650
Total returned.....	440	1090	2610	2100	2800	9040
Net diverted.....	1170	2870	1730	6580	2310	14660

DAILY DIVERSIONS OF CANALS--1962
MINATARE CANAL from North Platte River
Measured through rating flume--Sec. 32-22-54 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	56	0	0	60	79
2	0	68	0	0	64	76
3	0	73	0	0	68	76
4	0	75	0	0	65	70
5	0	73	0	0	61	68
6	0	69	0	0	63	69
7	0	63	0	19	74	69
8	0	74	0	22	83	68
9	0	79	0	19	88	72
10	0	79	0	26	86	61
11	0	80	0	28	85	45
12	0	87	0	27	87	45
13	0	89	0	28	96	41
14	0	56	0	1	98	36
15	0	0	9	0	105	36
16	0	40	17	0	109	40
17	0	47	12	0	107	45
18	0	46	1	3	110	42
19	0	40	0	10	118	39
20	0	17	0	7	104	38
21	0	7	0	2	93	37
22	0	0	0	20	93	34
23	0	0	0	34	94	32
24	0	0	0	49	85	26
25	0	0	0	58	80	24
26	8	0	7	51	84	27
27	17	0	24	47	86	29
28	17	0	17	52	83	33
29	17	0	8	51	86	27
30	38	0	0	66	84	22
31	--	0	--	70	86	--
Mean	3	39	3	22	87	47
Max.	38	89	24	70	118	79
Min.	0	0	0	0	60	22
A.F.	190	2410	190	1370	5330	2790

Water diverted 12280 A.F.
Acreage reported D-919-9372
*Does not include optional diversion acreage.

DAILY DIVERSIONS OF CANALS--1962
MIDLAND-OVERLAND CANAL from North Platte River
Measured through Parshall flume--Sec. 2-16-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	12	0	0	0	13	3
2	10	0	0	0	14	15
3	9	0	0	0	14	21
4	8	0	0	0	12	22
5	7	0	0	0	11	23
6	7	0	0	0	10	21
7	7	0	0	0	10	17
8	7	0	0	0	9	17
9	7	0	0	0	8	8
10	7	0	0	0	4	0
11	6	15	0	0	6	0
12	6	22	0	0	10	0
13	6	22	0	0	8	0
14	6	12	0	0	6	0
15	6	0	0	0	2	8
16	6	0	0	0	0	18
17	6	0	0	0	0	14
18	7	0	0	0	0	20
19	7	0	0	0	0	17
20	7	0	0	0	0	16
21	7	0	0	0	0	16
22	7	0	0	0	0	17
23	8	0	0	0	0	18
24	8	0	0	0	0	20
25	8	0	0	0	0	20
26	8	0	0	0	3	18
27	8	0	0	0	5	15
28	0	0	0	0	2	15
29	0	0	0	0	0	17
30	0	0	0	0	0	15
31	0	0	--	3	1	--
Mean	6	2	0	0	5	14
Max.	12	22	0	3	14	23
Min.	0	0	0	0	0	0
A.F.	390	140	0	10	290	820

Water diverted 1650 A.F.
Acreage reported D-789-1000, D-791-1104, D-800 (O.D.
A-1742)-110, Total-2214

DAILY DIVERSIONS OF CANALS--1962
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	0	109
2	0	0	0	0	106
3	0	0	0	0	96
4	0	0	0	7	88
5	0	0	0	55	80
6	0	0	0	97	75
7	0	0	0	119	64
8	0	0	0	147	50
9	0	0	0	165	51
10	0	0	0	174	36
11	0	0	0	181	28
12	0	0	0	181	28
13	0	0	0	183	33
14	0	0	0	182	46
15	0	0	0	178	48
16	0	0	0	176	52
17	0	0	0	179	64
18	0	0	0	181	67
19	0	0	29	180	66
20	0	0	51	178	67
21	0	0	51	173	61
22	0	0	55	171	58
23	0	0	84	168	58
24	0	0	103	155	62
25	0	0	123	149	62
26	0	0	109	145	36
27	0	0	13	140	0
28	0	0	107	142	0
29	0	0	143	145	0
30	0	0	63	142	0
31	0	-	97	131	-
Mean	0	0	36	136	53
Max.	0	0	163	183	109
Min.	0	0	0	0	0
A.F.	0	0	2240	8380	3150

Water diverted 13770 A.F.
Includes Box Butte Reservoir storage
Acreage reported A-2683-9607, A-3793-2152.
Total-11759

DAILY DIVERSIONS OF CANALS--1962
MONTAGUE CANAL from Niobrara River
Measured through rating flume--Sec. 27-29-48 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	1	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	1	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	1	0	0
Min.	0	0	0	0	0
A.F.	0	0	10	0	0

Water diverted 10 A.F.
Acreage reported A-575-32, A-2754-20,
A-3923-42, Total-94

DAILY DIVERSIONS OF CANALS--1962
MITCHELL CANAL from North Platte River
Measured through rating flume--Sec. 10-23-60 W., Wyo.

Date	Oct.	May	June	July	Aug.	Sept.
1	184	0	0	0	29	57
2	180	0	0	0	26	60
3	176	0	0	0	29	60
4	163	0	0	0	44	75
5	148	0	0	87	39	54
6	144	0	0	141	42	38
7	142	96	0	144	31	31
8	65	87	0	153	103	36
9	0	100	0	153	85	25
10	0	134	0	150	94	24
11	0	150	0	28	89	29
12	0	155	0	46	85	40
13	0	149	0	42	71	50
14	0	147	0	29	83	53
15	0	159	0	35	106	43
16	0	151	0	0	111	39
17	0	137	0	0	112	46
18	0	92	0	0	113	46
19	0	123	0	0	109	38
20	0	110	0	84	90	35
21	0	111	0	52	97	40
22	0	113	0	49	103	42
23	0	110	0	102	105	44
24	0	0	0	116	101	40
25	0	0	0	100	107	42
26	0	0	0	100	102	47
27	0	0	0	107	79	45
28	0	0	0	96	57	52
29	0	67	0	76	51	97
30	0	87	0	63	55	73
31	0	0	-	39	57	-
Mean	39	73	0	64	78	47
Max.	184	159	0	153	113	97
Min.	0	0	0	0	26	24
A.F.	2380	4520	0	3950	4770	2780

Water diverted 18400 A.F.
Includes Glendo storage
Acreage reported D-1052-13633

DAILY DIVERSIONS OF CANALS--1962
MOORE-KAY CANAL from Niobrara River
Measured through rating flume--Sec. 9-28-53 W.

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

Water diverted 360 A.F.
Acreage reported A-88-400

DAILY DIVERSIONS OF CANALS--1962
 NAPONEE CANAL from Republican River
 Measured through Sparling Meter--Sec. 14-1-17 W.

Date	May	June	July	Aug.	Sept.
1	0	4	12	38	4
2	0	0	7	38	0
3	0	0	0	24	0
4	0	0	0	12	0
5	0	0	0	12	0
6	0	0	0	12	0
7	0	0	0	12	0
8	0	0	0	12	0
9	0	0	7	12	0
10	0	0	11	12	0
11	0	0	11	12	0
12	0	0	11	12	0
13	0	0	11	12	0
14	11	0	11	12	0
15	11	0	11	12	0
16	9	0	11	12	0
17	6	0	11	12	0
18	6	0	11	14	0
19	6	0	9	16	0
20	6	4	6	17	0
21	6	7	6	25	0
22	7	8	6	29	0
23	7	8	8	28	0
24	7	8	16	17	0
25	7	8	23	11	0
26	7	10	25	11	0
27	7	12	27	11	0
28	8	12	33	9	0
29	8	12	36	8	0
30	8	12	37	8	0
31	8	—	38	8	—
Mean	4	4	13	15	0
Max.	11	12	38	38	4
Min.	0	0	0	8	0
A.F.	270	210	780	950	10

Water diverted 2220 A.F.
 Supplemental storage included
 Acreage reported A-4217-1358, A-6220-81,
 A-9463-87, A-9722-11, Total-1537

DAILY DIVERSIONS OF CANALS--1962
 NINE MILE CANAL from North Platte River
 Measured through rating flume--Sec. 17-21-53 W.

Date	May	June	July	Aug.	Sept.
1	0	3	11	34	58
2	0	6	0	58	61
3	8	6	0	77	55
4	31	6	0	77	50
5	33	6	12	80	50
6	18	8	24	87	48
7	14	8	22	75	49
8	27	8	38	69	51
9	67	6	43	64	56
10	69	6	50	61	47
11	49	5	53	63	44
12	27	6	56	64	43
13	15	9	49	62	43
14	18	6	49	67	46
15	27	4	16	63	45
16	13	3	15	65	47
17	55	6	13	67	47
18	83	4	22	61	48
19	79	4	25	58	50
20	72	10	19	68	50
21	69	0	43	64	50
22	77	0	56	60	50
23	75	0	49	64	51
24	48	0	64	63	52
25	14	0	66	61	52
26	0	0	73	66	52
27	0	0	69	65	51
28	0	0	54	61	54
29	0	15	57	63	53
30	0	15	62	67	53
31	0	—	40	56	—
Mean	32	5	37	65	50
Max.	83	15	73	87	61
Min.	0	0	0	34	43
A.F.	1960	300	2280	3980	2990

Water diverted 11510 A.F.
 Acreage reported D-925-5618, O.D.Petition 262-
 71, Total 5689

DAILY DIVERSIONS OF CANALS--1962

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

Date	May	June	July	Aug.	Sept.
1	0	46	41	32	177
2	0	57	45	39	158
3	0	61	44	24	165
4	0	56	48	43	151
5	0	60	44	40	136
6	0	73	38	42	102
7	0	6	39	44	109
8	0	0	36	38	104
9	0	0	38	37	82
10	0	16	36	37	63
11	0	64	44	45	63
12	0	52	58	46	66
13	0	54	73	51	70
14	49	55	66	71	70
15	101	51	51	87	67
16	57	51	66	104	57
17	67	2	76	119	53
18	17	24	70	139	56
19	23	48	75	150	42
20	52	46	67	161	46
21	46	48	60	176	46
22	43	50	63	176	38
23	44	47	66	176	36
24	38	40	46	173	34
25	38	45	57	174	36
26	48	41	86	173	36
27	32	39	86	174	36
28	42	34	90	173	35
29	57	42	95	178	34
30	54	44	111	178	0
31	40	—	120	177	—
Mean	27	42	62	106	72
Max.	101	73	120	178	177
Min.	0	0	36	24	0
A.F.	1680	2480	3840	6500	4300

Water diverted 18800 A.F.
 Acreage reported A-2155-133, A-2312-12540,
 A-2417-163, A-3215a-811, A-3980a-1148, A-6430-
 54, Total-14869

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

Date	May	June	July	Aug.	Sept.
1	0	33	32	28	76
2	0	32	33	34	71
3	0	31	29	5	69
4	0	32	30	17	56
5	0	30	30	26	42
6	0	30	28	25	30
7	0	9	27	25	30
8	0	0	27	20	31
9	0	0	26	19	31
10	0	0	31	19	29
11	38	4	38	18	21
12	52	30	43	21	19
13	48	26	44	22	19
14	38	24	34	29	18
15	25	24	34	33	18
16	25	24	38	47	16
17	26	9	35	68	16
18	18	16	39	65	12
19	13	24	51	71	12
20	29	25	38	80	11
21	28	26	32	97	11
22	25	28	32	102	11
23	23	29	39	98	11
24	30	29	41	101	11
25	39	29	39	100	11
26	38	30	42	97	10
27	38	32	45	94	0
28	38	37	45	96	0
29	38	36	45	105	0
30	36	31	50	98	0
31	34	—	54	86	—
Mean	22	24	37	56	23
Max.	52	37	54	105	76
Min.	0	0	26	5	0
A.F.	1350	1410	2280	3460	1370

104 Water diverted 9870 A.F.
 Acreage reported A-2312-5683, A-3215b-1006,
 A-3772-75, A-3828-39, A-3980b-1179-A-5133-50,
 A-6578-17, A-6943-16, A-9809-20, Total-8085

DAILY DIVERSIONS OF CANALS--1962

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

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

Date	May	June	July	Aug.	Sept.
1	0	33	20	60	40
2	0	32	20	74	38
3	0	32	19	49	38
4	0	32	20	53	34
5	0	31	20	56	26
6	0	14	19	34	28
7	0	0	20	30	26
8	0	0	20	25	23
9	39	0	22	21	19
10	44	0	27	21	17
11	39	0	33	24	14
12	32	4	37	26	14
13	30	21	48	42	14
14	29	21	46	63	14
15	31	23	46	71	14
16	31	22	52	79	14
17	31	0	46	88	14
18	20	5	53	83	12
19	16	25	58	84	12
20	30	24	13	81	11
21	33	24	38	85	12
22	32	24	28	84	13
23	30	24	31	84	12
24	32	21	47	82	11
25	34	21	69	75	11
26	33	20	78	72	11
27	33	20	76	69	0
28	34	20	69	59	0
29	10	20	68	55	0
30	0	20	70	53	0
31	28	—	78	48	—
Mean	22	18	42	59	16
Max.	44	33	78	88	40
Min.	0	0	13	21	0
A.F.	1330	1060	2560	3630	980

Water diverted 9560 A.F.
 Acreage reported A-2312-5745, A-3215c-299,
 A-3980c-513, Total-6557

DAILY DIVERSIONS OF CANALS--1962

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

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

Date	May	June	July	Aug.	Sept.
1	0	0	0	22	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	4	0	0	0	0
16	4	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	8	0	0	0	0
24	16	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	0	0	0	0
29	0	0	0	0	0
30	0	0	0	0	0
31	0	—	0	0	—
Mean	1	0	0	1	0
Max.	16	0	0	22	0
Min.	0	0	0	0	0
A.F.	60	0	0	40	0

Water returned 100 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	4
6	0	0	0	0	0
7	0	10	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	4	0	0	0	0
17	4	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.	4	10	0	0	4
Min.	0	0	0	0	0
A.F.	20	20	0	0	10

Water returned 50 A.F.

DAILY DIVERSIONS OF CANALS--1962

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

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

Date	May	June	July	Aug.	Sept.
1	0	0	4	5	2
2	0	0	4	5	2
3	0	2	4	5	2
4	0	2	5	2	3
5	0	3	5	4	3
6	0	4	5	6	3
7	0	6	5	6	4
8	0	4	5	6	5
9	0	0	5	6	6
10	0	0	5	6	6
11	0	0	5	6	6
12	0	0	5	6	7
13	0	4	5	5	7
14	0	4	5	4	6
15	0	4	5	3	6
16	0	5	5	3	7
17	0	5	5	3	7
18	0	2	4	3	7
19	1	0	4	3	7
20	2	3	3	2	7
21	3	4	4	2	8
22	3	4	4	2	8
23	3	4	4	2	7
24	1	4	4	2	7
25	0	4	3	2	7
26	1	4	3	2	7
27	3	4	4	2	7
28	2	4	5	2	7
29	2	4	4	2	6
30	3	4	4	2	7
31	2	-	4	2	-
Mean	1	3	4	4	6
Max.	3	6	5	6	8
Min.	0	0	3	2	0
A.F.	50	180	270	220	340
Water returned 1060 A.F.					

Date	May	June	July	Aug.	Sept.
1	0	0	12	16	15
2	0	0	11	11	16
3	0	1	13	18	17
4	0	3	15	0	20
5	0	4	16	14	26
6	0	12	15	23	25
7	0	22	12	22	20
8	0	2	14	19	22
9	0	0	12	13	23
10	0	0	10	13	17
11	0	0	4	11	4
12	0	1	4	13	6
13	0	13	6	10	9
14	0	11	10	3	8
15	0	11	13	5	9
16	7	14	11	7	9
17	23	16	17	2	4
18	30	1	19	1	8
19	16	0	18	3	10
20	1	8	20	2	6
21	17	10	23	2	10
22	13	10	23	3	10
23	7	12	24	7	6
24	0	10	20	7	6
25	0	7	4	7	6
26	1	10	1	6	5
27	6	8	12	6	5
28	3	6	16	5	4
29	2	4	14	6	2
30	6	11	14	9	4
31	0	-	14	12	-
Mean	4	7	13	9	11
Max.	30	22	24	23	26
Min.	0	0	1	0	0
A.F.	260	410	830	550	660
Water returned 2710 A.F.					

DAILY DIVERSIONS OF CANALS--1962

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.

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	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.					

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	8	0	0	0
7	0	22	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	5	0	0	0	0
12	9	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	3	0	0
18	0	0	2	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	0	0	1	0	0
22	0	0	0	0	0
23	0	0	0	0	0
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
28	0	1	0	0	0
29	0	2	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	1	0	0	0
Max.	9	22	3	0	0
Min.	0	0	0	0	0
A.F.	30	60	10	0	0
Water returned 100 A.F.					

DAILY DIVERSIONS OF CANALS--1962

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

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

Date	May	June	July	Aug.	Sept.
1	0	4	12	10	11
2	0	5	13	8	10
3	0	5	13	9	11
4	0	5	13	3	12
5	0	6	13	4	12
6	0	9	14	12	10
7	0	10	14	13	6
8	0	2	14	13	8
9	0	2	13	11	10
10	0	1	7	9	11
11	0	0	7	9	12
12	4	0	8	9	10
13	11	0	8	11	9
14	10	4	8	9	7
15	8	4	7	8	8
16	3	7	6	7	6
17	4	10	6	8	6
18	6	4	6	9	8
19	4	3	6	8	6
20	1	4	9	9	5
21	4	7	10	8	5
22	4	8	9	7	6
23	3	9	9	4	5
24	2	9	11	6	5
25	4	9	9	7	5
26	6	10	6	8	5
27	6	10	5	7	5
28	6	11	3	5	2
29	7	11	5	8	0
30	5	12	6	9	0
31	5	--	6	9	-
Mean	3	6	9	8	7
Max.	11	12	14	13	12
Min.	0	0	3	3	0
A.F.	200	360	550	510	430

Water returned 2050 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	7
7	0	0	0	0	3
8	0	0	0	0	3
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	2
12	3	0	0	0	0
13	5	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.	5	0	0	7	2
Min.	0	0	0	0	0
A.F.	20	0	0	20	10

Water returned 50 A.F.

DAILY DIVERSIONS OF CANALS--1962

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.

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	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.	2	0	0	0	0
Min.	0	0	0	0	0
A.F.	4	0	0	0	0

Water returned 4 A.F.

Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	8	0	0	0	0
10	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	3
29	0	0	0	0	0
30	0	0	0	0	0
31	0	-	0	0	-
Mean	0	0	0	0	0
Max.	8	0	0	3	0
Min.	0	0	0	0	0
A.F.	30	0	0	10	0

Water returned 40 A.F.

DAILY DIVERSIONS OF CANALS--1962
 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	7	8	8	10
2	0	8	8	10	7
3	0	8	7	8	8
4	0	8	8	8	11
5	0	8	8	9	12
6	0	11	8	9	12
7	0	9	8	10	14
8	0	2	7	11	12
9	0	1	7	7	12
10	5	1	8	6	10
11	10	1	8	7	8
12	8	0	7	9	6
13	6	0	8	9	7
14	7	0	10	9	7
15	6	3	11	7	9
16	7	8	9	4	8
17	7	7	8	4	9
18	11	1	8	7	7
19	2	1	7	7	7
20	6	8	4	6	7
21	9	8	4	5	11
22	7	8	9	6	11
23	6	9	5	7	10
24	6	7	6	8	11
25	6	5	7	9	10
26	7	5	8	12	11
27	7	5	8	13	8
28	8	6	7	12	2
29	8	7	8	11	0
30	2	7	8	12	0
31	1	-	7	12	-
Mean	5	5	8	8	9
Max.	11	11	11	13	14
Min.	0	0	4	4	0
A.F.	280	320	460	520	510

Water returned 2090 A.F.

DAILY DIVERSIONS OF CANALS--1962

NORTH LOUP RIVER PUBLIC POWER AND IRRIGATION DISTRICT
 Summary in Acre-feet--1962

	May	June	July	Aug.	Sept.	Total
Diversions:						
Taylor-Ord.....	1680	2480	3840	6500	4300	18800
Burwell-Sumter.....	1350	1410	2280	3460	1370	9870
Ord-North Loup.....	1330	1060	2560	3630	980	9560
Total diversion.....	4360	4950	8680	13590	6650	38230
Returned through spillways:						
Taylor-Ord.....	440	610	1100	810	1010	3970
Burwell-Sumter.....	250	420	560	530	440	2200
Ord-North Loup.....	310	320	460	530	510	2130
Total returned.....	1000	1350	2120	1870	1960	8300
Net diverted.....	3360	3600	6560	11720	4690	29930

DAILY DIVERSIONS OF CANALS--1962
 NORTH PLATTE CANAL from North Platte River
 Measured through 15-foot Parshall flume--Sec. 18-14-33 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	24	0	103	66	56	98	241
2	60	0	148	38	53	71	233
3	85	0	138	37	61	99	201
4	86	0	140	35	60	103	178
5	83	0	155	37	56	117	171
6	82	0	147	43	49	124	151
7	79	0	192	35	51	134	93
8	80	0	206	33	51	195	101
9	87	0	171	30	49	227	101
10	68	0	183	29	64	238	100
11	7	0	206	28	91	236	100
12	7	0	189	28	53	239	101
13	8	0	185	13	57	250	114
14	8	0	189	6	29	252	120
15	8	0	22	27	11	253	120
16	8	0	63	51	4	253	118
17	7	0	27	51	4	252	117
18	0	0	18	50	53	258	115
19	0	0	9	48	67	257	115
20	0	0	6	49	65	252	117
21	0	0	5	51	51	253	120
22	0	0	4	49	47	257	123
23	0	0	4	49	45	258	122
24	0	0	3	47	40	258	119
25	0	0	3	51	41	260	108
26	0	15	4	51	68	258	55
27	0	8	16	52	120	258	4
28	0	62	12	56	125	260	19
29	0	84	4	55	147	252	37
30	0	88	45	68	156	244	36
31	0	--	75	--	159	244	--
Mean	25	9	86	42	64	216	115
Max.	87	88	206	68	159	260	241
Min.	0	0	3	6	4	71	4
A.F.	1560	510	5300	2510	3930	13310	6840

Water diverted 33960 A.F.
 Acreage reported D-635-14067

DAILY DIVERSIONS OF CANALS--1962
 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	136	227	184
2	0	0	131	223	186
3	0	0	123	248	175
4	0	0	154	144	143
5	0	0	132	115	173
6	0	0	151	120	148
7	46	0	136	94	131
8	142	0	98	109	139
9	102	0	178	116	132
10	90	0	183	107	132
11	41	0	148	102	126
12	65	0	144	122	132
13	198	0	170	123	107
14	127	0	150	122	71
15	210	0	155	119	75
16	45	79	170	106	82
17	0	153	175	106	63
18	0	171	175	135	73
19	0	155	112	144	70
20	0	148	53	151	66
21	0	137	55	160	68
22	0	138	39	157	58
23	0	175	59	158	60
24	0	141	56	161	59
25	0	71	104	163	124
26	0	93	130	165	161
27	0	130	173	155	111
28	0	194	147	153	109
29	0	162	152	165	96
30	0	173	161	172	0
31	0	---	220	161	-
Mean	34	71	135	145	108
Max.	210	194	183	248	186
Min.	0	0	39	94	0
A.F.	2110	4210	8270	8930	6460

Water diverted 29980 A.F.

DAILY DIVERSIONS OF CANALS--1962
 NORTHPORT CANAL from Drains
 entering Tri-State Canal

Date	May	June	July	Aug.	Sept.
1	0	0	25	61	150
2	0	0	25	58	147
3	0	0	25	58	155
4	0	0	25	144	190
5	0	0	24	175	167
6	78	0	42	171	178
7	80	0	76	174	199
8	78	0	112	175	197
9	77	0	34	170	196
10	78	0	46	170	194
11	82	0	98	165	190
12	86	0	131	164	188
13	85	0	74	165	183
14	85	0	62	162	182
15	41	0	49	162	185
16	7	31	49	164	180
17	0	31	48	168	180
18	0	28	48	166	183
19	0	29	98	163	186
20	0	29	154	165	190
21	0	30	152	163	192
22	0	33	161	166	197
23	0	29	161	170	191
24	0	29	151	175	194
25	0	30	151	175	109
26	0	27	144	173	37
27	0	26	124	175	37
28	0	26	141	175	38
29	0	26	134	169	22
30	0	26	135	176	23
31	0	---	66	179	--
Mean	25	14	89	158	155
Max.	86	33	161	176	199
Min.	0	0	24	58	22
A.F.	1540	850	5490	9710	9240

Water diverted 26830 A.F.

DAILY DIVERSIONS OF CANALS--1962

NORTHPORT DIVERSIONS FOR NORTHPORT IRRIGATION DISTRICT
Summary in Acre-feet--1962

Section Township	Range	Month					Total
		May	June	July	Aug.	Sept.	
Diverted from:							
North Platte River	10-23-58	2110	4210	8270	8930	6460	29980
*Sheep Creek	17-23-57	910	0	2010	4490	4870	12280
*Akers Draw	12-23-57	160	310	610	800	730	2610
*Tub Springs	27-23-55	280	0	740	1990	1340	4350
*Spotted Tail, Dry	9-23-56	0	0	910	1450	1030	3390
*Spotted Tail, Wet	10-23-56	180	540	1210	980	1270	4180
*Moffat Drain	25-22-53	0	0	0	0	0	0
*Alliance Drain	18-22-53	0	0	0	0	0	0
Total diversion		3640	5060	13750	18640	15700	56790

Water diverted 56790 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--1962

ORCHARD-ALFALFA CANAL from Platte River

Measured through Parshall flume--Sec. 9-19-24 W.

Date	May	June	July	Aug.	Sept.
1	0	16	0	23	63
2	0	16	11	20	14
3	0	17	23	17	0
4	0	15	21	14	14
5	8	13	19	13	29
6	10	12	17	16	29
7	9	24	16	22	30
8	14	0	16	24	26
9	20	0	15	32	27
10	20	0	18	39	28
11	19	0	9	41	27
12	19	0	0	45	26
13	19	0	0	56	26
14	22	0	0	53	27
15	25	0	0	52	28
16	26	0	0	61	28
17	30	0	0	64	23
18	26	0	0	68	18
19	0	0	0	67	21
20	0	0	0	60	21
21	0	0	0	68	21
22	0	0	0	64	22
23	0	0	0	64	22
24	0	0	0	64	22
25	0	0	0	64	22
26	8	0	0	67	7
27	17	0	2	63	0
28	16	0	20	60	0
29	18	0	20	64	0
30	13	0	22	66	0
31	5	-	25	64	-
Mean	11	4	8	48	21
Max.	30	24	25	68	63
Min.	0	0	0	13	0
A.F.	680	230	500	2970	1230

Water diverted 5610 A.F.
Acreage reported D-627-5980

DAILY DIVERSIONS OF CANALS--1962

OSHKOSH CANAL from North Platte River

Measured through Parshall flume--Sec. 33-17-44 W.

Date	Oct.	May	June	July	Aug.	Sept.
1	9	0	0	0	14	5
2	8	0	0	0	13	8
3	7	0	0	0	10	11
4	6	0	0	0	12	10
5	6	7	0	0	15	10
6	6	8	0	0	13	9
7	5	9	0	0	13	9
8	5	9	0	0	14	11
9	5	8	0	0	16	11
10	5	16	0	0	13	9
11	5	21	0	0	9	10
12	5	19	0	0	7	14
13	5	19	0	0	6	13
14	5	9	0	0	5	13
15	5	0	0	0	3	14
16	6	0	0	0	0	13
17	5	9	0	0	0	14
18	5	11	0	0	8	14
19	4	0	0	0	17	14
20	4	0	0	0	17	14
21	4	0	0	0	15	14
22	5	0	0	0	0	13
23	5	0	0	0	0	13
24	3	0	0	4	1	13
25	3	0	0	11	2	13
26	3	0	0	11	2	12
27	3	0	0	12	3	11
28	3	0	0	15	2	12
29	3	0	0	16	2	13
30	3	0	0	15	2	11
31	3	0	-	9	2	--
Mean	5	7	0	3	8	12
Max.	9	21	0	16	17	14
Min.	3	0	0	0	0	5
A.F.	290	450	0	180	470	700

Water diverted 2090 A.F.
Acreage reported D-797-1562

DAILY DIVERSIONS OF CANALS--1962
 OWASCO CANAL from Lodgepole Creek--Measured
 through rating flume--Sec. 29-15-55 W.

Date	May	June	July	Aug.	Sept.
1	0	7	10	5	10
2	0	8	10	4	3
3	0	11	14	4	8
4	1	9	14	2	7
5	1	8	14	2	3
6	1	6	14	2	3
7	1	9	1	0	5
8	1	11	1	0	2
9	1	10	14	1	1
10	1	9	1	2	1
11	1	8	1	2	2
12	1	7	1	5	2
13	1	8	1	3	2
14	1	11	1	4	1
15	2	7	1	4	1
16	2	7	2	5	1
17	2	13	0	6	1
18	2	13	0	4	1
19	2	13	0	5	1
20	2	12	0	5	1
21	2	9	0	3	1
22	2	9	0	3	1
23	6	9	0	7	1
24	4	8	0	5	1
25	6	17	7	4	1
26	6	17	6	4	1
27	8	17	7	4	1
28	8	13	7	5	0
29	8	9	6	5	0
30	8	13	7	7	0
31	7	—	4	9	—
Mean	3	10	5	4	2
Max.	8	17	14	9	10
Min.	0	6	0	0	0
A.F.	170	610	290	240	120

Water diverted 1430 A.F.
 Acreage reported D-347R-83, A-725-689,
 Total-772

DAILY DIVERSIONS OF CANALS--1962
 PAXTON-HERSHEY CANAL from North Platte River
 Measured through Parshall flume--Sec. 18-14-33 W.

Date	May	June	July	Aug.	Sept.
1	0	0	26	70	91
2	0	0	10	43	80
3	48	0	0	32	70
4	67	0	0	45	62
5	71	0	0	21	50
6	79	0	13	20	44
7	69	0	26	16	75
8	74	0	23	60	64
9	96	0	20	103	67
10	99	0	21	115	43
11	99	0	39	97	55
12	103	0	41	76	67
13	104	0	36	82	71
14	79	0	36	102	63
15	53	0	28	110	47
16	59	0	30	112	45
17	38	0	34	105	44
18	12	0	6	101	43
19	0	0	6	99	41
20	0	0	28	86	49
21	0	0	39	90	56
22	0	0	39	98	47
23	0	8	39	98	39
24	0	12	32	104	49
25	0	23	28	92	25
26	0	14	22	86	0
27	0	8	38	96	0
28	0	22	72	110	0
29	0	18	83	114	0
30	0	36	88	96	0
31	0	—	80	96	—
Mean	37	5	32	83	46
Max.	104	36	88	115	91
Min.	0	0	0	16	0
A.F.	2280	280	1950	5110	2750

Water diverted 12370 A.F.
 Acreage reported D-653-7358

DAILY DIVERSIONS OF CANALS--1962
 PAISLEY CANAL from Blue Creek
 Measured through rating flume--Sec. 6-16-42 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	24	0	23	1	0	15	4
2	20	0	23	0	0	15	3
3	22	0	23	0	0	15	3
4	23	0	22	0	0	15	2
5	23	0	22	0	0	17	2
6	21	0	22	0	0	18	2
7	25	0	19	0	0	18	4
8	27	0	19	0	0	11	10
9	27	0	8	0	0	10	9
10	22	0	0	0	0	5	9
11	18	0	0	0	0	1	9
12	24	0	0	0	0	8	12
13	24	2	0	0	0	10	13
14	24	7	0	0	0	9	13
15	23	5	0	0	0	8	14
16	22	0	4	0	0	8	15
17	19	6	19	0	1	8	15
18	15	10	23	0	0	8	16
19	3	10	16	0	0	9	16
20	0	10	15	0	3	9	15
21	0	5	15	0	4	8	15
22	0	0	16	0	11	8	14
23	0	11	14	0	15	8	15
24	0	15	13	0	17	6	16
25	0	18	15	0	18	6	19
26	0	19	20	0	11	6	20
27	0	20	14	0	0	6	15
28	0	21	2	0	16	6	14
29	0	22	2	0	17	6	15
30	0	23	0	0	16	7	17
31	0	—	0	—	15	7	—
Mean	13	7	12	0	5	9	12
Max.	27	23	23	1	18	18	20
Min.	0	0	0	0	0	1	2
A.F.	800	400	730	0	290	580	690

Water diverted 3490 A.F.
 Crescent Lake storage included
 Acreage reported D-800-815, A-515-95, A-1738-176, Total-1086

DAILY DIVERSIONS OF CANALS--1962
 PIONEER CANAL from Hobrara River
 Measured through rating flume--Sec. 36-29-51 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	6	0	1	4	0	0	0
2	6	0	7	3	0	0	0
3	6	0	10	3	0	0	0
4	7	0	10	0	0	0	0
5	6	0	9	0	0	0	0
6	6	0	10	0	4	0	0
7	6	0	10	0	3	0	0
8	6	0	9	0	2	0	0
9	6	0	9	0	2	0	2
10	6	0	10	0	2	0	2
11	2	0	10	0	2	0	2
12	0	0	10	0	2	0	3
13	0	0	11	0	3	0	3
14	0	0	11	0	11	0	4
15	0	0	14	0	10	3	4
16	0	0	14	0	6	6	5
17	0	0	8	0	4	7	6
18	0	0	0	0	3	7	6
19	0	0	2	0	3	6	7
20	0	0	18	0	2	6	7
21	0	0	18	0	0	5	7
22	0	0	18	0	0	5	7
23	0	0	18	0	0	5	7
24	0	0	17	0	0	5	7
25	0	4	17	0	0	5	7
26	0	8	13	0	0	5	7
27	0	8	14	0	8	5	7
28	0	8	11	0	6	4	7
29	0	8	7	0	0	4	7
30	0	4	9	0	0	5	8
31	0	—	8	—	0	3	—
Mean	2	1	11	0	2	3	4
Max.	7	8	13	4	11	7	8
Min.	0	0	0	0	0	0	0
A.F.	120	80	670	20	150	170	240

Water diverted 1450 A.F.
 Acreage reported D-442a-605, A-3812-55, A-4599-15, A-5010-192,
 Total-857

DAILY DIVERSIONS OF CANALS--1962
 POTMESIL CANAL from Niobrara River--Measured
 through 3-foot Parshall flume--Sec 26-29-48 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	7	6	8	0	8
2	0	8	7	8	0	8
3	0	9	8	8	0	8
4	0	9	8	8	0	7
5	0	8	9	8	0	7
6	0	8	3	7	0	7
7	0	8	0	8	0	7
8	0	8	0	8	0	6
9	0	8	0	8	0	6
10	0	7	0	7	0	5
11	0	6	0	6	1	4
12	0	6	0	6	2	7
13	0	6	0	6	0	7
14	0	5	0	5	3	7
15	0	7	0	5	7	7
16	0	8	0	5	6	7
17	0	8	0	5	6	6
18	0	8	0	5	5	6
19	0	9	0	5	4	5
20	0	9	0	4	4	5
21	0	9	0	4	3	4
22	0	9	0	4	3	5
23	0	8	0	4	2	7
24	0	8	0	4	6	7
25	0	8	0	4	8	6
26	0	8	3	3	8	3
27	0	9	8	1	7	0
28	1	7	8	3	5	0
29	3	6	8	1	4	0
30	3	6	8	0	3	0
31	-	6	-	0	6	-
Mean	0	8	3	5	3	5
Max.	3	9	9	8	8	8
Min.	0	5	0	0	0	0
A.F.	10	470	150	310	190	320

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

DAILY DIVERSIONS OF CANALS--1962
 RAMSHORN CANAL from North Platte River
 Measured over 15-foot weir--Sec. 19-23-57 W.

Date	Apr.	May	June	July	Aug.	Sept.
1	0	0	6	0	6	15
2	0	0	9	0	6	15
3	0	0	9	0	3	16
4	0	0	10	0	1	15
5	0	0	9	0	0	12
6	0	0	9	0	1	12
7	0	0	4	0	13	10
8	0	0	2	2	12	9
9	0	0	2	8	4	8
10	0	0	2	11	9	8
11	0	0	1	4	22	8
12	0	1	1	5	35	10
13	0	1	1	12	31	8
14	0	1	1	4	20	8
15	0	1	0	10	19	7
16	0	1	0	18	19	7
17	4	1	0	13	23	7
18	4	1	0	11	22	7
19	5	1	0	10	29	7
20	7	1	0	9	33	7
21	7	1	0	11	28	7
22	0	1	0	10	23	7
23	0	3	0	17	30	7
24	0	3	0	17	35	7
25	0	3	0	17	27	8
26	0	3	0	15	15	11
27	0	4	0	16	15	12
28	0	4	0	16	14	14
29	0	4	0	20	13	10
30	0	4	0	16	13	0
31	-	5	-	6	15	-
Mean	1	1	2	9	17	9
Max.	7	5	10	20	35	16
Min.	0	0	0	0	0	0
A.F.	60	90	130	550	1060	550

Water diverted 2440 A.F.
 Acreage reported D-945-1652

DAILY DIVERSIONS OF CANALS--1962
 RUTTNER-KINNEY CANAL from Lodgepole Creek
 Measured through rating flume--Sec. 31-15-56 W.

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

Water diverted 170 A.F.
 Acreage reported D-345R-126, D-350-51,
 A-71ER-48, A-1828-14, Total-239

DAILY DIVERSIONS OF CANALS--1962
 RUTTNER CANAL (New) from Lodgepole Creek
 Measured through rating flume--Sec. 36-15-57 W.

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

Water diverted 450 A.F.
 Acreage reported D-350R-22, A-727-35, A-857-92,
 A-869-44, A-5303-25, Total-218

DAILY DIVERSIONS OF CANALS--1962

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

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

Date	Oct.	May	June	July	Aug.	Sept.
1	28	0	13	12	93	162
2	28	0	13	11	48	155
3	28	0	13	16	38	151
4	28	0	13	17	30	140
5	17	0	12	18	30	122
6	0	0	10	17	30	97
7	0	0	7	18	29	69
8	0	0	6	17	28	60
9	0	0	7	20	27	58
10	0	0	7	25	27	56
11	0	0	10	39	26	51
12	0	0	13	48	32	48
13	0	22	13	45	39	47
14	0	44	14	34	43	44
15	0	46	14	35	51	45
16	0	46	14	39	67	46
17	0	48	15	31	80	44
18	0	30	15	27	89	39
19	0	11	13	22	104	39
20	0	10	13	18	133	38
21	0	10	12	25	155	35
22	0	9	12	34	159	35
23	0	10	12	37	170	35
24	0	10	12	46	170	35
25	0	10	12	57	170	33
26	0	11	13	69	172	33
27	0	9	13	74	172	29
28	0	12	12	74	170	30
29	0	14	13	81	170	33
30	0	13	12	88	170	33
31	0	13	—	113	167	—
Mean	4	12	12	39	93	61
Max.	28	48	15	113	172	162
Min.	0	0	6	11	26	29
A.F.	260	750	710	2390	5730	3650

Water diverted 13490 A.F.

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

Water returned 0 A.F.

DAILY DIVERSIONS OF CANALS--1962

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

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

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

Water returned 0 A.F.

Date	Oct.	May	June	July	Aug.	Sept.
1	6	0	2	4	27	8
2	5	0	2	1	21	6
3	5	0	3	0	20	12
4	5	0	3	2	9	18
5	5	0	3	3	9	20
6	5	0	4	2	10	22
7	1	0	4	1	8	16
8	1	0	3	2	7	8
9	0	0	0	1	6	7
10	0	0	0	1	6	8
11	0	0	0	4	6	8
12	0	0	0	6	5	7
13	0	0	0	14	8	7
14	0	0	1	15	8	6
15	0	3	2	7	5	6
16	0	0	3	17	3	7
17	0	0	4	19	2	9
18	0	8	3	14	4	9
19	0	4	3	12	5	12
20	0	0	3	9	7	13
21	0	0	3	7	2	11
22	0	0	3	13	1	10
23	0	0	3	12	0	11
24	0	1	3	12	0	11
25	0	0	4	7	0	11
26	0	0	4	6	0	11
27	0	0	4	4	0	10
28	0	0	4	2	0	6
29	0	0	4	3	1	8
30	0	1	4	3	1	9
31	0	2	—	1	6	—
Mean	1	1	3	7	6	10
Max.	6	8	4	19	27	22
Min.	0	0	0	0	0	6
A.F.	70	40	160	400	370	610

Water returned 1650 A.F.

DAILY DIVERSIONS OF CANALS--1962

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

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

Date	Oct.	May	June	July	Aug.	Sept.	Date	Oct.	May	June	July	Aug.	Sept.
1	0	0	0	1	8	7	1	0	0	0	0	0	0
2	0	0	0	1	5	6	2	0	0	0	0	0	0
3	0	0	0	1	5	6	3	0	0	0	0	0	0
4	0	0	0	1	3	6	4	0	0	0	0	0	0
5	0	0	0	1	2	5	5	0	0	0	0	0	0
6	0	0	0	1	2	5	6	0	0	0	0	0	0
7	0	0	0	1	4	5	7	0	0	0	0	0	0
8	0	0	0	2	2	3	8	0	0	0	0	0	0
9	0	0	0	1	2	0	9	0	0	0	0	0	0
10	0	0	0	1	2	2	10	0	0	0	0	0	0
11	0	0	0	0	2	4	11	0	0	0	0	0	0
12	0	0	0	3	2	3	12	0	0	0	0	0	0
13	0	0	0	2	1	2	13	0	0	0	0	0	0
14	0	0	0	3	2	1	14	0	0	0	0	0	0
15	0	0	0	2	2	2	15	0	0	0	0	0	0
16	0	8	0	2	2	2	16	0	0	0	0	0	0
17	0	7	1	2	1	2	17	0	0	0	0	0	0
18	0	2	1	2	0	2	18	0	0	0	0	0	0
19	0	0	1	1	0	1	19	0	0	0	0	0	0
20	0	0	0	1	0	0	20	0	0	0	0	0	0
21	0	0	0	1	0	0	21	0	0	0	0	0	0
22	0	0	0	1	0	0	22	0	0	0	0	0	0
23	0	0	0	1	0	0	23	0	0	0	0	0	0
24	0	0	0	0	0	1	24	0	0	0	1	0	0
25	0	0	0	0	3	1	25	0	0	0	0	0	0
26	0	0	0	0	4	1	26	0	0	0	0	0	0
27	0	0	0	0	4	0	27	0	0	0	0	0	0
28	0	0	0	0	4	0	28	0	0	0	0	0	0
29	0	0	0	0	5	0	29	0	0	0	0	0	0
30	0	0	0	0	6	0	30	0	0	0	0	0	0
31	0	0	-	9	6	-	31	0	0	-	0	0	-
Mean	0	0	0	1	3	2	Mean	0	0	0	0	0	0
Max.	0	8	1	9	8	7	Max.	0	0	0	0	0	0
Min.	0	0	0	0	0	0	Min.	0	0	0	0	0	0
A.F.	0	30	10	80	160	130	A.F.	0	0	0	0	0	0
Water returned 410 A.F.							Water returned 0 A.F.						

DAILY DIVERSIONS OF CANALS--1962

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

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

SUMMARY
SARGEENT CANAL--A-4841a
1962 Water Year
Values in Acre-feet

	Oct.	May	June	July	Aug.	Sept.	Total
DIVERSION.....	260	750	710	2390	5730	3650	13490
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.....	70	40	160	400	370	610	1650
SPILL AT MILE 26.0.....	0	30	10	80	160	130	410
SPILL AT MILE 31.6.....	0	0	0	0	0	0	0
SPILL (Terminal)MILE 40.1	40	0	0	0	0	50	90
TOTAL RETURNED AT SPILLWAYS	110	70	170	480	530	790	2150
NET DIVERSION	150	680	540	1910	5200	2860	11340

Net water diverted 11340 A.F.
Acreage reported A-4841a-12919

DAILY DIVERSIONS OF CANALS--1962

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.	Date	May	June	July	Aug.	Sept.
1	0	0	0	0	0	1	0	37	6	7	5
2	0	0	0	0	0	2	0	38	6	7	6
3	0	0	0	0	0	3	0	38	6	7	6
4	0	0	0	0	0	4	0	38	6	7	6
5	0	0	0	0	0	5	0	38	6	7	6
6	0	0	0	0	0	6	0	41	6	7	6
7	0	0	0	0	0	7	0	41	6	7	6
8	0	0	0	0	0	8	0	36	6	7	5
9	0	0	0	0	0	9	0	32	7	7	5
10	0	0	0	0	0	10	0	27	7	7	5
11	0	0	0	0	0	11	6	23	10	7	5
12	0	0	0	0	0	12	6	18	9	6	5
13	0	0	0	0	0	13	6	13	9	6	5
14	0	0	0	0	0	14	12	12	8	6	5
15	0	0	0	0	0	15	12	11	7	6	5
16	0	0	0	0	0	16	12	10	7	6	6
17	0	0	0	0	0	17	12	9	7	6	6
18	0	0	0	0	0	18	12	8	6	6	6
19	0	0	0	0	0	19	11	7	6	7	6
20	0	0	0	0	0	20	9	7	6	7	6
21	0	0	0	0	0	21	8	7	6	7	6
22	0	0	0	0	0	22	7	7	6	7	6
23	0	0	0	0	0	23	6	6	6	7	6
24	0	0	0	0	0	24	6	6	6	6	6
25	0	0	0	0	0	25	6	5	6	6	6
26	0	0	0	0	0	26	6	5	6	6	6
27	0	0	0	0	0	27	8	5	6	6	6
28	0	0	0	0	0	28	25	5	6	5	6
29	0	0	0	0	0	29	36	5	6	5	6
30	0	0	0	0	0	30	36	6	6	5	6
31	0	-	0	0	-	31	37	-	7	5	-
Mean	0	0	0	0	0	Mean	9	18	7	6	6
Max.	0	0	0	0	0	Max.	37	41	10	7	6
Min.	0	0	0	0	0	Min.	0	5	6	5	5
A.F.	0	0	0	0	0	A.F.	550	1070	410	390	340
Water diverted 0 A.F.						Water diverted 2760 A.F.					

DAILY DIVERSIONS OF CANALS--1962

SHERIDAN-WILSON DIVERSION
Summary in Acre-feet---1962

	May	June	July	Aug.	Sept.	Total
Diversions:						
North Platte River	0	0	0	0	0	0
Sarben Slough	550	1070	410	390	340	2760
Total diversion	550	1070	410	390	340	2760

Water diverted 2760 A.F.
Acreage reported D-710-676

DAILY DIVERSIONS OF CANALS--1962
 SHORT LINE CANAL from North Platte River
 Measured through rating flume--Sec. 25-21-55 W.

Date	May	June	July	Aug.	Sept.
1	28	0	0	14	23
2	28	0	0	15	18
3	48	0	0	12	15
4	126	0	0	12	14
5	60	0	0	12	16
6	45	0	0	6	26
7	44	0	0	15	19
8	50	0	0	20	14
9	55	0	0	40	18
10	41	0	0	30	18
11	32	0	0	28	10
12	30	0	0	33	16
13	24	0	0	32	15
14	16	0	0	33	14
15	42	0	0	20	12
16	31	0	0	37	4
17	33	0	0	41	8
18	48	0	0	32	19
19	42	0	0	40	26
20	31	0	0	41	5
21	33	8	0	37	7
22	41	16	0	26	11
23	27	15	0	27	12
24	27	14	10	26	12
25	0	16	22	26	22
26	0	11	22	30	30
27	0	0	16	30	33
28	0	0	16	34	69
29	0	0	19	35	49
30	0	0	26	21	41
31	0	-	53	23	--
Mean	32	3	59	27	20
Max.	126	16	53	41	69
Min.	0	0	0	6	4
A.F.	1950	160	360	1640	1180

Water diverted 5290 A.F.
 Acreage reported D-946-2932

DAILY DIVERSIONS OF CANALS--1962
 SNOW CANAL from Niobrara River--Measured
 through rating flume--Sec. 35-29-51 W.

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

Water diverted 250 A.F.
 Acreage reported D-485-200

DAILY DIVERSIONS OF CANALS--1962
 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	3	6
2	0	0	0	2	3
3	0	0	1	2	2
4	0	0	1	2	2
5	0	0	1	1	2
6	0	0	1	1	2
7	0	0	1	1	1
8	0	0	1	1	1
9	0	0	1	1	1
10	0	0	1	1	1
11	0	0	2	1	1
12	0	0	1	1	1
13	0	0	2	1	1
14	0	0	2	4	1
15	0	0	4	10	1
16	0	0	6	13	1
17	0	0	5	13	1
18	0	0	4	13	0
19	0	0	2	8	0
20	0	0	2	8	0
21	0	0	1	9	0
22	0	0	1	9	0
23	0	0	1	10	0
24	0	0	1	10	0
25	0	0	1	11	0
26	0	0	1	11	0
27	0	0	1	11	0
28	0	0	1	12	0
29	0	0	1	14	0
30	0	0	1	13	0
31	0	-	1	15	-
Mean	0	0	2	7	1
Max.	0	0	6	15	6
Min.	0	0	0	1	0
A.F.	0	0	100	420	50

Water diverted 570 A.F.
 Acreage reported D-680-1173

DAILY DIVERSIONS OF CANALS--1962
 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	118	128	123	129	115	125	146	124	141	132	151	95
2	118	125	127	135	150	125	91	127	146	134	147	98
3	110	91	128	136	150	125	1	124	147	152	160	105
4	115	126	125	138	136	115	36	131	155	138	147	119
5	112	110	113	130	130	115	151	72	142	157	141	124
6	110	90	126	107	103	120	145	0	59	151	127	118
7	110	126	126	118	124	90	140	16	0	144	132	109
8	109	118	125	120	134	85	143	135	0	149	109	111
9	109	118	106	90	125	80	146	124	51	150	93	119
10	116	116	62	85	127	90	146	131	70	122	106	102
11	119	121	69	110	133	125	148	136	0	143	107	112
12	125	121	86	120	121	80	148	117	0	133	109	116
13	128	125	125	125	131	105	146	112	57	134	112	102
14	118	124	120	125	135	110	140	136	172	134	110	85
15	114	121	120	125	134	120	141	126	92	139	104	94
16	70	118	125	120	128	140	140	128	0	155	97	108
17	5	114	125	120	132	131	131	133	0	148	92	114
18	16	115	130	120	85	112	143	143	0	139	98	132
19	32	113	128	110	106	96	146	142	0	160	96	121
20	32	117	125	110	113	95	146	115	0	59	92	120
21	35	119	133	120	78	101	148	138	0	181	98	116
22	44	116	128	130	113	117	136	144	0	175	80	110
23	48	117	121	125	138	123	122	141	118	166	97	107
24	130	116	123	130	130	147	127	144	182	172	99	79
25	129	125	121	135	130	143	125	125	186	159	90	0
26	137	121	130	135	98	136	129	142	181	124	92	0
27	133	118	127	130	126	141	134	132	172	155	78	0
28	132	122	129	135	125	151	128	133	163	173	79	0
29	136	124	127	140	---	149	128	138	153	151	83	0
30	135	125	119	130	---	154	121	142	151	142	90	0
31	132	---	124	110	---	142	---	141	---	151	98	-
Mean	99	118	119	122	123	119	129	122	85	146	107	87
Max.	137	128	133	140	150	154	151	144	186	181	160	132
Min.	5	90	62	85	78	80	1	0	0	59	78	0
A.F.	6100	7020	7330	7520	6840	7320	7680	7520	5030	8970	6570	5190

Total acre-feet 83090 A.F.

DAILY DIVERSIONS OF CANALS--1962
 SUBURBAN CANAL from North Platte River
 Measured through rating flume--Sec. 8-14-32 W.

Date	May	June	July	Aug.	Sept.
1	0	7	56	79	101
2	0	7	42	69	106
3	62	7	42	58	116
4	83	13	42	54	100
5	73	18	28	54	89
6	80	22	16	69	86
7	82	28	28	89	88
8	83	26	43	91	88
9	93	25	45	113	89
10	114	25	51	123	81
11	117	19	45	144	67
12	118	25	42	147	55
13	123	23	46	142	59
14	102	22	38	139	63
15	48	23	28	139	60
16	47	23	22	144	62
17	45	25	24	142	60
18	38	22	32	134	59
19	34	18	37	137	57
20	25	21	40	135	56
21	34	31	31	131	57
22	47	25	30	132	58
23	40	22	29	127	63
24	37	15	36	120	60
25	44	16	42	122	63
26	59	18	42	123	54
27	59	20	42	107	51
28	61	14	42	94	48
29	41	15	51	91	45
30	17	56	69	88	43
31	7	---	80	88	---
Mean	58	21	40	110	70
Max.	123	56	80	147	116
Min.	0	7	16	54	43
A.F.	3600	1250	2460	6790	4140

Water diverted 18240 A.F.
 Acreage reported D-662-6530

DAILY DIVERSIONS OF CANALS--1962
 SUPERIOR CANAL from Republican River--Measured
 through 12-foot Parshall flume--Sec. 7-1-9 W.

Date	May	June	July	Aug.	Sept.
1	0	0	0	82	30
2	0	0	0	102	30
3	0	0	0	101	26
4	0	0	0	97	23
5	0	0	0	94	23
6	0	0	0	99	23
7	43	0	0	108	22
8	59	0	0	111	12
9	59	0	27	129	0
10	50	0	39	130	0
11	50	0	50	129	0
12	50	0	50	129	0
13	50	0	50	127	0
14	50	0	49	130	0
15	49	0	48	128	0
16	49	0	48	130	0
17	50	0	49	127	0
18	46	0	40	119	0
19	35	26	37	115	0
20	35	35	35	108	0
21	7	34	35	118	0
22	0	35	35	116	0
23	0	35	37	116	0
24	0	35	47	101	0
25	0	32	60	72	0
26	0	36	65	70	0
27	0	30	80	67	0
28	0	6	81	60	0
29	0	0	74	57	0
30	0	0	75	51	0
31	0	---	75	44	---
Mean	22	10	38	102	6
Max.	59	36	81	130	30
Min.	0	0	0	44	0
A.F.	1350	600	2350	6280	380

Water diverted 10960 A.F.
 Supplemental storage included
 Acreage reported A-2691cR-5501, A-6223-268,
 A-9723-48, Total-5817

DAILY DIVERSIONS OF CANALS--1962
 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	861	40	0	0	0	0	0	0	20	867	1280	1780
2	865	40	0	0	0	0	0	0	20	904	1120	1770
3	841	40	0	0	0	0	0	0	20	953	1000	1790
4	716	40	0	0	0	0	0	0	20	946	870	1780
5	638	40	0	0	0	0	0	0	20	946	786	1780
6	537	40	0	0	0	0	0	0	20	1000	680	1760
7	537	40	0	0	0	0	0	0	19	1160	455	1750
8	255	39	0	0	0	0	0	0	19	1240	294	1750
9	204	39	0	0	0	0	0	0	19	1250	328	1700
10	177	38	0	0	0	0	0	0	19	1320	318	1700
11	80	22	0	0	0	0	0	0	137	1400	297	1560
12	60	21	0	0	0	0	0	0	229	1310	294	1440
13	60	20	0	0	0	0	0	0	347	1280	295	1360
14	57	15	0	0	0	0	0	0	413	1260	360	1290
15	52	5	0	0	0	0	0	0	425	1160	437	1250
16	52	4	0	0	0	0	0	0	421	1020	544	1250
17	50	4	0	0	0	0	0	0	400	986	777	1250
18	50	0	0	0	0	0	0	0	408	861	856	1250
19	50	0	0	0	0	0	0	0	421	725	966	1250
20	48	0	0	0	0	0	0	0	430	643	1050	1260
21	47	0	0	0	0	0	0	0	426	656	1160	1270
22	46	0	0	0	0	0	0	0	428	667	1230	1260
23	44	0	0	0	0	0	0	0	421	683	1520	1270
24	44	0	0	0	0	0	0	0	420	686	1610	1260
25	43	0	0	0	0	0	0	0	420	764	1580	1180
26	42	0	0	0	0	0	0	0	421	879	1560	1070
27	42	0	0	0	0	0	0	0	481	912	1620	1040
28	42	0	0	0	0	0	0	0	584	1040	1670	964
29	42	0	0	0	0	0	0	0	619	1180	1700	912
30	42	0	0	0	-	0	0	0	778	1260	1720	847
31	41	-	0	0	-	0	-	21	---	1320	1740	---
Mean	215	16	0	0	0	0	0	1	294	1009	972	1393
Max.	865	40	0	0	0	0	0	21	778	1400	1740	1790
Min.	41	0	0	0	0	0	0	0	19	643	294	847
A.F.	13220	970	0	0	0	0	0	40	17500	62040	59740	82890

Water diverted 236400 A.F.

DAILY DIVERSIONS OF CANALS--1962
 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	1216	977	945	589	359	919	115	930	332	265	0
2	0	1248	940	961	627	415	894	107	912	322	532	0
3	0	1252	958	958	631	529	933	101	894	346	835	0
4	0	1252	922	946	605	643	912	92	828	359	912	0
5	70	1252	951	913	676	849	919	84	771	379	916	0
6	296	1244	996	970	686	1062	973	80	845	415	930	0
7	615	1248	1081	923	742	1014	916	76	877	429	845	0
8	821	1224	1141	926	719	1058	898	72	845	376	709	0
9	828	1228	830	619	681	1062	825	62	919	327	512	0
10	818	1252	735	403	652	1021	842	56	1153	287	402	0
11	845	1240	626	464	763	1036	825	54	1014	269	346	0
12	908	1232	462	467	1115	1003	775	51	1036	187	218	0
13	966	1228	413	389	1145	1018	794	51	1036	207	173	0
14	1007	1228	377	429	1192	1040	748	49	1007	187	130	0
15	1051	1236	345	451	1212	1058	775	50	1007	149	115	0
16	1040	1228	392	532	1192	1062	742	79	947	157	100	0
17	1084	1232	523	503	1216	1092	775	155	1014	146	90	0
18	1084	1236	584	481	1010	1032	713	164	970	141	77	0
19	1130	1232	883	415	1172	1032	664	149	916	346	70	0
20	1137	1232	876	474	1208	1058	553	157	1007	459	63	0
21	1184	1208	852	469	1188	1126	483	173	1040	426	60	0
22	1172	1134	860	467	1180	1184	402	197	1047	346	56	0
23	1184	1111	894	399	1051	1188	339	195	894	308	45	0
24	1153	1081	828	399	717	1149	285	209	703	228	45	0
25	1168	1029	865	405	652	1107	244	207	591	172	43	0
26	1232	1021	882	405	538	1044	216	312	495	124	42	0
27	1240	1014	985	402	469	1051	175	303	429	106	40	0
28	1236	984	977	399	415	947	148	811	362	96	39	0
29	1208	996	963	395	---	966	130	1014	315	77	13	0
30	1164	992	1030	494	---	916	122	1062	359	77	0	0
31	1192	---	993	477	---	912	---	888	---	94	0	-
Mean	866	1177	811	577	859	969	631	231	839	254	278	0
Max.	1240	1252	1141	970	1216	1188	973	1062	1153	459	930	0
Min.	0	984	345	395	415	359	122	49	315	77	0	0
A.F.	53220	70040	49870	35470	47690	59570	37560	14230	49910	15620	17100	0

Water diverted 450280 A.F.

DAILY DIVERSIONS OF CANALS--1962
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	499	1103	878	670	365	905	784	645	363	458	624	1336
2	523	1080	990	709	414	917	824	664	282	481	476	1207
3	502	1045	524	727	451	917	804	430	255	528	592	1042
4	756	1096	777	637	422	914	783	401	359	677	930	997
5	875	758	791	663	469	937	700	310	216	703	924	915
6	719	1081	823	720	444	939	732	356	355	753	1006	896
7	424	1075	618	697	462	833	750	324	274	823	1050	879
8	289	1002	796	741	433	835	534	240	267	881	1157	902
9	560	1056	842	881	459	891	788	225	271	926	1214	896
10	604	1103	769	868	422	913	713	419	319	987	1251	908
11	688	1134	864	913	114	537	747	192	400	895	1154	923
12	973	922	817	815	413	611	778	215	309	840	1042	871
13	968	1070	837	769	508	626	697	107	241	593	1287	908
14	1014	1064	869	671	591	607	785	148	298	783	1520	858
15	906	1073	736	772	831	851	626	64	319	520	1722	892
16	1022	1050	704	931	741	925	844	70	356	449	1735	896
17	921	1112	672	971	827	933	839	63	169	451	1508	837
18	916	1085	722	937	674	870	903	63	382	413	1515	908
19	944	780	675	968	751	996	830	64	244	603	1621	924
20	947	1097	711	1034	1023	997	912	63	302	488	1576	922
21	947	1118	718	959	1001	1005	897	278	348	569	1529	885
22	578	1164	691	1070	1018	976	619	220	278	503	1537	844
23	993	895	692	796	1201	957	760	53	368	630	1469	822
24	883	1047	651	688	1325	963	768	219	376	680	1566	735
25	870	1120	646	689	1202	984	596	50	608	859	1548	692
26	867	884	578	653	1330	976	527	114	555	757	1656	590
27	890	1179	647	645	1193	975	564	68	567	884	1641	640
28	953	1124	834	554	1010	971	625	253	569	905	1739	569
29	729	992	722	537	---	977	542	156	561	951	1582	640
30	980	817	688	340	---	984	572	64	594	1039	1696	548
31	1056	---	641	431	---	991	---	390	---	866	1625	---
Mean	800	1038	739	757	725	894	728	223	360	706	1340	863
Max.	1056	1179	990	1070	1336	1005	912	664	608	1039	1739	1336
Min.	289	758	524	340	114	537	527	50	169	413	476	548
A.F.	49180	61740	45470	46520	40260	54970	43320	13740	21430	43430	82420	51340

Water returned 553820 A.F.

DAILY DIVERSIONS OF CANALS--1962
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	1080	1520	1310	1460	1710	1340	1320	1000	1260	1480	1650	1660
2	1160	1550	1410	1470	1520	1520	1290	1030	1290	1550	1700	1540
3	1170	1440	1230	1460	1740	1600	1230	1090	1200	1290	1390	1650
4	1550	1520	1310	1590	1870	1470	1300	1060	1190	1310	1540	1420
5	1630	1330	1140	1490	1770	1400	1220	999	1100	1280	1530	1440
6	1560	1440	1340	1040	1810	1360	1210	1120	1500	1180	1550	1460
7	1300	1420	1160	1500	1760	1300	1380	1190	1820	1250	1320	1300
8	939	1490	1210	1230	1780	1420	1210	1130	1870	1300	1450	1340
9	1190	1560	846	759	1830	1650	1280	1160	1720	1320	1450	1360
10	998	1510	516	755	1900	1920	1210	1360	1490	1200	1430	1340
11	1180	1590	636	958	1930	1920	1290	1350	1350	1540	1420	1320
12	1290	1570	799	1040	1930	1820	1300	1340	1270	1600	1630	1290
13	1460	1580	913	1130	1660	1430	1180	1290	1620	1490	1720	1270
14	1490	1480	1040	1000	1730	1420	1220	1530	1370	1820	1730	1200
15	1390	1660	1150	1040	1820	1620	1170	1690	1190	1880	1920	1260
16	1460	1610	1160	896	1570	1690	1240	1840	1150	1670	1900	1330
17	1330	1600	1170	830	1660	1800	1200	1910	1240	1480	1820	1260
18	1280	1690	1210	747	1020	1640	1290	1920	1230	1340	1900	1210
19	1390	1440	1160	890	1570	1660	1240	1900	1100	1270	1890	1290
20	1260	1620	1160	760	1560	1540	1250	1870	1060	1270	1900	1280
21	1360	1570	1240	710	1580	1600	1260	1570	1200	1340	1770	1210
22	1120	1650	1240	710	1510	1680	1120	1400	1170	1140	1890	1250
23	1320	1490	1270	700	1610	1490	1190	1230	1060	1130	1860	1240
24	1310	1390	1300	710	1150	1750	1140	1110	1050	1110	1770	1210
25	1260	1610	1360	720	1420	1780	1120	970	1160	1280	1870	1190
26	1290	1370	1390	760	1060	1630	1060	1060	1070	1300	1860	1230
27	1240	1660	1280	772	1080	1510	1010	1240	1070	1250	1850	1150
28	1320	1490	1070	1240	1270	1550	1060	1510	1050	1370	1780	1070
29	1180	1480	1200	1530	---	1590	1040	1910	980	1430	1850	1070
30	1360	1300	1240	1620	---	1530	1010	1660	1180	1580	1860	988
31	1400	---	1350	1720	---	1560	---	1340	---	1790	1750	---
Mean	1299	1521	1157	1072	1601	1587	1201	1380	1267	1395	1708	1294
Max.	1630	1690	1410	1720	1930	1920	1380	1920	1870	1880	1920	1660
Min.	939	1300	516	700	1020	1300	1010	970	980	1110	1320	988
A.F.	79870	90510	71130	65920	88900	97570	71480	84850	75390	85770	105020	77010

Water diverted 993420 A.F.
Acreage reported A-2355 & A-3476-89127, Storage only-A-3476-95284, A-3620-1024, A-3823-799, A-4656-1446, A-5278-7299, A-7716-736, A-9673-28746, Total-224461

DAILY DIVERSIONS OF CANALS--1962
 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	105	0	0	0	0	0	31	166
2	0	0	0	0	363	0	0	31	0	0	28	242
3	0	0	0	0	227	0	0	70	0	0	26	198
4	0	0	0	0	216	0	0	69	0	0	23	186
5	0	0	0	0	0	0	0	63	0	0	23	133
6	0	0	0	0	0	0	0	83	0	0	28	184
7	0	0	0	0	0	0	0	118	0	9	44	182
8	0	0	0	0	0	0	0	133	0	32	83	144
9	0	0	0	0	0	0	0	133	0	51	189	166
10	0	0	0	0	0	0	0	145	0	54	296	151
11	0	0	0	0	0	0	0	220	0	36	337	167
12	0	0	0	0	0	0	0	323	0	26	381	169
13	0	0	0	0	0	0	0	300	0	29	423	153
14	0	0	0	0	0	0	0	292	0	24	450	145
15	0	0	0	0	0	0	0	314	0	24	450	145
16	0	0	0	0	0	0	0	297	0	23	392	145
17	0	0	0	0	0	0	0	0	0	28	356	105
18	0	0	0	0	0	0	0	0	0	22	320	64
19	0	0	0	0	0	0	0	0	0	20	354	54
20	0	0	0	0	0	0	0	0	0	26	363	60
21	0	0	0	0	0	0	0	0	0	23	414	60
22	0	0	0	0	0	0	0	0	0	22	411	59
23	0	0	0	0	0	0	0	0	0	20	495	58
24	0	0	0	0	0	0	0	0	0	20	482	57
25	0	0	0	0	0	0	0	0	0	21	495	49
26	0	0	0	0	0	0	0	0	0	21	548	36
27	0	0	0	0	0	0	0	0	0	40	502	34
28	0	0	0	0	0	0	0	0	0	51	505	58
29	0	0	0	0	-	0	0	0	0	93	445	34
30	0	0	0	0	-	0	0	0	0	97	505	33
31	0	-	0	0	-	0	-	0	-	100	426	-
Mean	0	0	0	0	33	0	0	84	0	29	317	115
Max.	0	0	0	0	363	0	0	323	0	100	548	242
Min.	0	0	0	0	0	0	0	0	0	0	23	33
A.F.	0	0	0	0	1810	0	0	5140	0	1810	19480	6820

Water returned 35060 A.F.

DAILY DIVERSIONS OF CANALS--1962
 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	802	1560	1509	1027	1052	785	1303	486	981	246	66	162
2	1117	1463	1625	1022	1234	870	775	465	841	242	66	158
3	1097	1612	1419	975	1357	931	535	328	474	212	54	203
4	1571	1780	1412	979	1027	754	521	318	595	174	26	227
5	1574	1502	1357	911	1374	968	556	353	884	178	194	330
6	1641	1619	1371	1255	1352	1028	801	388	1101	98	318	379
7	1661	1534	1146	928	1341	1022	730	340	1076	134	178	376
8	1324	1595	1258	1162	1446	1095	848	224	1269	142	38	464
9	1690	1636	1324	1063	1429	1279	841	211	1545	114	38	558
10	1297	1666	791	956	1680	1513	826	295	1257	90	50	584
11	1209	1686	820	756	1343	1217	778	123	1464	94	22	517
12	1258	1569	876	738	1554	1456	833	51	913	215	8	526
13	1277	1702	825	714	1811	1508	857	62	959	583	8	538
14	1398	1599	770	768	1841	1509	936	41	750	1150	4	503
15	1278	1668	833	743	1841	1419	865	35	1041	1090	62	519
16	1505	1640	919	717	1839	1560	1096	30	658	764	14	426
17	1361	1811	1022	745	1523	1751	1112	32	254	777	18	556
18	1382	1756	1187	761	917	1511	914	51	459	1300	46	598
19	1505	1563	1296	791	1605	1812	865	202	738	1130	22	570
20	1429	1790	1245	809	1120	1620	798	170	515	691	30	611
21	1430	1779	969	761	1274	1674	959	175	444	498	34	642
22	1062	1814	1363	887	1373	1711	600	260	337	359	50	674
23	1486	1617	1351	722	1385	1715	967	228	316	351	46	614
24	1415	1833	1341	744	1338	1828	608	245	287	114	58	665
25	1430	1777	1374	733	1109	1247	467	494	399	34	66	672
26	1403	1657	1541	719	1492	1817	487	234	334	66	102	748
27	1431	1513	1511	753	1218	1841	392	393	277	94	90	778
28	1463	1587	1254	689	870	1833	436	711	292	46	203	777
29	1189	1600	1254	686	---	1633	499	924	226	74	154	947
30	1542	1572	1326	745	---	1475	490	726	243	38	126	726
31	1643	---	1349	715	---	1672	---	1013	---	42	138	---
Mean	1383	1650	1214	838	1384	1421	756	310	698	359	75	535
Max.	1690	1833	1625	1255	1841	1841	1303	1013	1545	1300	318	947
Min.	802	1463	770	686	870	754	392	30	226	34	4	158
A.F.	85030	98180	74650	51520	76850	87380	45010	19060	41510	22100	4620	31830

Water returned 637740 A.F.

DAILY DIVERSIONS OF CANALS--1962
 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	246	0	333	669	852
2	0	232	0	335	703	840
3	0	251	0	349	728	839
4	0	260	0	321	782	844
5	0	258	0	319	738	797
6	0	328	0	246	856	800
7	0	729	0	217	1047	760
8	0	688	0	314	1010	668
9	0	940	0	587	882	661
10	0	952	0	624	902	643
11	0	1095	0	682	995	621
12	0	1159	0	690	975	552
13	0	976	0	651	979	513
14	0	1053	182	556	970	521
15	0	344	315	574	934	475
16	0	0	186	572	974	450
17	0	0	149	604	1002	473
18	0	0	141	563	989	463
19	0	0	139	594	992	441
20	255	0	159	631	985	421
21	270	0	181	855	986	432
22	272	0	177	948	984	470
23	270	0	132	983	972	468
24	277	0	110	986	975	455
25	197	0	196	905	961	363
26	130	0	240	940	965	260
27	134	0	303	919	981	268
28	199	0	263	889	977	112
29	246	0	301	868	954	0
30	253	0	272	859	925	0
31	---	0	---	701	919	-
Mean	83	306	115	633	926	515
Max.	277	1159	315	986	1047	852
Min.	0	0	0	217	669	0
A. F.	4960	18860	6840	38910	56950	30670

Water diverted 157190 A.F.
 Pathfinder storage included

DAILY DIVERSIONS OF CANALS--1962

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

	Apr.	May	June	July	Aug.	Sept.	Total
Diverted from:							
North Platte River....	4960	18860	6840	38910	56950	30670	157190
*Optional diversions....	0	240	10	90	1420	910	2670
**Drains.....	110	600	0	0	0	0	710
Total.....	5070	19700	6850	39000	58370	31580	160570

Water diverted 160570 A.F.

Acres 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--1962
UNION CANAL from Blue Creek
Measured through rating flume--Sec. 13-16-42 W.

Date	Oct.	Apr.	May	June	July	Aug.	Sept.
1	7	0	13	0	0	12	18
2	6	0	16	0	0	22	17
3	7	0	18	0	0	15	16
4	6	0	14	0	0	14	13
5	7	0	15	0	0	12	12
6	5	0	12	0	0	11	6
7	0	0	10	0	0	14	5
8	0	0	12	0	0	15	5
9	0	0	15	0	0	16	5
10	0	0	15	0	0	17	5
11	0	0	16	0	0	19	4
12	0	0	12	0	0	20	2
13	0	0	16	0	0	19	2
14	0	0	18	0	0	20	2
15	0	0	16	0	0	20	5
16	0	0	13	0	0	20	8
17	0	0	4	0	0	21	8
18	0	0	0	0	0	19	8
19	0	0	0	0	0	17	5
20	0	0	0	0	0	14	5
21	0	0	0	0	0	12	5
22	0	0	0	0	0	11	5
23	0	0	0	0	0	11	5
24	0	0	4	0	0	11	4
25	0	0	5	0	0	12	5
26	0	5	2	0	0	19	7
27	0	11	0	0	4	21	7
28	0	12	0	0	11	22	6
29	0	9	0	0	13	21	8
30	0	8	0	0	14	21	9
31	0	-	0	0	14	20	-
Mean	1	2	8	0	2	17	7
Max.	7	12	18	0	14	22	18
Min.	0	0	0	0	0	11	2
A.F.	70	90	490	0	110	1030	420

Water diverted 2210 A.F.
Acreage reported D-763-1315

DAILY DIVERSIONS OF CANALS--1962
WESTERN CANAL from South Platte River
Measured in section of canal--Sec. 14-12-43 W.

Date	Oct.	Nov.	Apr.	May	June	July	Aug.	Sept.
1	82	94	0	59	67	50	213	48
2	76	106	0	51	67	65	231	48
3	76	115	0	56	63	46	226	52
4	89	124	0	48	40	69	222	54
5	106	131	0	45	74	69	213	58
6	112	134	0	45	86	69	209	65
7	109	134	0	45	100	58	209	61
8	103	131	0	43	156	67	213	56
9	103	142	0	46	175	63	231	63
10	115	134	0	45	112	65	218	84
11	138	131	0	41	106	92	171	82
12	118	128	0	45	118	86	138	82
13	92	131	0	45	124	82	106	82
14	92	134	55	38	112	84	89	74
15	92	142	69	43	97	86	76	86
16	92	57	61	65	92	84	69	84
17	97	0	54	94	100	115	63	92
18	100	0	58	69	92	200	54	97
19	97	0	63	92	94	188	58	103
20	97	0	65	97	112	152	69	100
21	100	0	69	106	103	171	65	100
22	97	0	74	94	63	167	56	103
23	89	0	74	94	54	152	56	97
24	94	0	74	106	36	167	52	86
25	106	0	97	115	45	124	46	94
26	103	0	109	97	65	94	48	106
27	100	0	100	97	58	76	46	92
28	92	0	84	171	72	76	46	112
29	94	0	79	152	72	82	48	115
30	94	0	74	74	69	121	48	82
31	89	-	-	40	-	200	50	-
Mean	98	66	42	73	87	104	117	82
Max.	138	142	109	171	175	200	231	115
Min.	76	0	0	38	36	46	46	48
A.F.	6040	3900	2500	4520	5200	6390	7220	4870

Water diverted 40640 A.F.
Acreage reported A-393-11305, A-1804-764, A-4739-498, Total-12567

DAILY DIVERSIONS OF CANALS--1962

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

Date	May	June	July	Aug.	Sept.
1	0	7	0	11	26
2	14	12	0	12	25
3	16	12	0	10	24
4	16	10	0	14	24
5	23	10	0	21	25
6	32	13	0	21	25
7	30	11	0	12	25
8	32	11	0	20	22
9	31	9	0	22	24
10	26	8	0	21	16
11	28	7	0	21	0
12	32	7	4	23	0
13	36	7	7	24	0
14	36	0	4	23	0
15	39	0	4	22	0
16	29	0	4	22	0
17	25	0	4	23	0
18	17	0	4	24	0
19	12	0	13	25	0
20	10	0	14	28	0
21	11	0	12	28	0
22	11	0	17	25	0
23	10	0	28	24	0
24	10	0	28	26	0
25	13	0	31	26	0
26	12	0	21	26	0
27	12	0	6	26	0
28	13	0	5	24	0
29	9	0	5	25	0
30	8	0	6	25	0
31	7	-	10	26	-
Mean	19	4	7	22	8
Max.	39	13	31	28	26
Min.	0	0	0	10	0
A.F.	1190	240	450	1350	470

Water diverted 3710 A.F.

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

Date	May	June	July	Aug.	Sept.
1	42	0	0	0	40
2	27	0	0	0	40
3	30	0	0	9	40
4	21	0	0	31	40
5	26	0	0	40	42
6	44	0	0	37	40
7	37	0	0	38	40
8	41	0	0	43	41
9	42	0	0	49	38
10	39	0	8	45	37
11	31	0	8	48	34
12	36	0	7	48	34
13	41	0	0	44	35
14	25	0	0	41	36
15	9	0	0	36	37
16	22	0	0	42	39
17	22	0	0	43	40
18	12	0	11	42	38
19	0	0	29	42	37
20	30	0	36	42	38
21	37	0	34	43	38
22	23	0	35	42	39
23	28	0	40	43	40
24	23	0	35	41	41
25	0	0	40	42	40
26	0	0	29	45	34
27	0	0	0	43	49
28	0	0	0	41	43
29	0	0	0	42	28
30	0	0	0	42	24
31	0	-	0	45	-
Mean	22	0	10	38	38
Max.	44	0	40	49	49
Min.	0	0	0	0	24
A.F.	1360	0	620	2360	2270

Water diverted 6610 A.F.

DAILY DIVERSIONS OF CANALS--1962
 WINTERS CREEK FACTORY LATERAL from Winters Creek
 Measured through Parshall flume--Sec. 19-22-54 W.

Date	May	June	July	Aug.	Sept.
1	4	0	0	0	14
2	10	0	0	0	14
3	7	0	0	0	14
4	2	0	0	0	14
5	6	0	0	0	10
6	6	0	0	2	8
7	6	0	0	10	6
8	6	0	0	13	5
9	6	0	0	14	4
10	6	0	0	13	2
11	6	0	0	13	4
12	3	0	0	13	8
13	2	0	0	13	10
14	1	0	0	13	10
15	0	0	0	13	7
16	1	0	0	13	1
17	0	0	0	13	1
18	0	0	0	13	3
19	0	0	5	13	13
20	0	0	5	13	14
21	0	0	5	13	14
22	0	0	5	13	14
23	0	0	5	13	14
24	0	0	1	13	14
25	0	0	1	13	14
26	0	0	0	14	14
27	0	0	0	13	14
28	0	0	0	13	14
29	0	0	0	13	13
30	0	0	0	13	13
31	0	-	0	13	--
Mean	2	0	1	11	10
Max.	10	0	5	14	14
Min.	0	0	0	0	1
A.F.	140	0	50	650	600

Water diverted 1440 A.F.

DAILY DIVERSIONS OF CANALS--1962

WINTERS CREEK DIVERSIONS
 Summary in Acre-feet--1962

	May	June	July	Aug.	Sept.	Total
Diverted from:						
North Platte River.....	1190	250	450	1350	470	3710
Winters Creek.....	1500	0	670	3010	2870	8050
Total diversion.....	2690	250	1120	4360	3340	11760

Water diverted 11760 A.F.
 Acreage reported D-952-5748

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

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

Values in Acre-feet

For the Water Year Ending September 30, 1961

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	190	170	120	100	70	60	60	60	80	360	470	1050	2790
Bayard Sugar Factory Drain	2130	1650	1370	1290	1130	1310	1100	1110	460	370	1120	1530	14570
/Cleveland Drain	250	170	120	60	60	110	90	300	810	400	670	610	3650
*DeGraw Drain	440	300	180	240	200	240	180	270	170	100	110	160	2590
/Dugout Creek, Upper	470	360	270	200	170	140	90	100	470	280	470	510	3530
*Fairfield Seep	60	30	0	0	40	0	30	50	120	90	70	120	610
*Fanning Seep	70	50	0	0	30	0	0	90	20	10	20	50	340
Gering Drain	1820	1580	1590	1250	1070	1170	1060	1810	1470	4230	2650	1990	21690
Horse Creek	2480	1590	1370	1220	1100	1160	860	2550	790	3570	4150	3960	24800
/Indian Creek	430	360	300	250	220	250	230	650	710	470	640	750	5260
*Lane Drain	200	120	110	60	60	60	60	70	120	220	400	220	1700
/Melbeta Drain	60	0	40	80	60	60	60	170	160	310	220	70	1290
Nine Mile Drain	6800	4930	4680	4180	3530	4040	3830	5570	4310	4290	4640	7990	58790
Red Willow Creek	6360	4760	4040	3450	2980	3480	3000	4480	2400	3360	3240	5100	46650
*Scottsbluff Drain No. 1	380	240	170	120	110	120	80	130	200	260	440	710	2960
*Scottsbluff Drain No. 2	400	250	240	170	110	120	150	400	370	430	650	590	3880
Sheep Creek	5430	4920	4600	4160	3650	3960	3760	2470	1330	600	310	750	35940
Spotted Tail Creek, Dry	1570	850	690	880	1000	1180	1250	1490	1010	850	470	1250	12490
*Spotted Tail Creek, Wet	650	620	550	500	420	450	480	460	590	600	630	750	6700
Tub Springs	2280	2230	1960	1760	1430	1620	1930	2650	890	160	190	1560	18660
Winter Creek	3910	2770	2300	2350	2430	2580	2430	2160	1080	1200	1990	4360	29560
Totals	36380	27950	24700	22320	19870	22110	20730	27040	17560	22160	23550	34080	298450

*Estimated for entire year from measurements.

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

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

Values in Acre-feet

For the Water Year Ending September 30, 1962

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
*Bald Drain	190	120	120	60	50	60	190	3940	470	2550	1040	3590	12380
Bayard Sugar Factory Drain	1920	1890	1640	1200	1010	1210	870	1380	2620	2100	1560	2160	19560
/Cleveland Drain	490	120	120	70	110	110	60	770	750	980	630	1100	5310
*DeGraw Drain	280	250	150	130	200	180	110	160	430	370	220	460	2940
/Dugout Creek, Upper	460	340	260	200	120	60	60	90	760	870	530	860	4610
*Fairfield Seep	50	0	0	0	50	0	10	120	120	40	80	100	570
*Fanning Seep	40	0	0	0	0	0	0	100	60	0	0	60	260
Gering Drain	1490	1580	1460	1160	1040	1100	930	4130	3960	8270	4960	5000	35080
Horse Creek	2250	1630	1060	740	950	850	1480	6710	6450	9380	5540	6930	43970
/Indian Creek	380	300	250	300	180	180	180	380	430	1020	850	1600	6050
*Lane Drain	200	120	60	60	60	60	60	90	160	130	130	260	1390
/Melbeta Drain	50	40	60	0	50	70	100	780	520	820	330	640	3460
Nine Mile Drain	5730	4900	4460	3990	3480	3420	3030	5030	5180	8110	9120	14060	70510
Red Willow Creek	4810	4200	3860	3410	2660	2680	1800	3890	6180	9130	4540	8060	55220
*Scottsbluff Drain No. 1	280	240	180	120	110	120	160	500	240	160	340	350	2800
*Scottsbluff Drain No. 2	290	180	120	120	110	120	160	300	230	240	560	650	3080
Sheep Creek	4890	4430	4310	4070	3530	3740	3100	2730	4950	2170	840	1110	39870
Spotted Tail Creek, Dry	1250	760	630	900	930	1010	1200	1730	2010	1540	950	1990	14900
*Spotted Tail Creek, Wet	740	510	350	410	440	430	450	780	560	510	660	660	6500
Tub Springs	2570	2010	1860	1620	1460	1270	940	2400	3270	2390	660	1820	22270
Winter Creek	3080	2400	2130	2570	2520	2370	1980	2080	3750	5220	2600	5630	36330
Totals	31440	26020	23080	21130	19060	19040	16870	38090	43100	56000	36140	57090	387060

*Estimated for entire year from measurements.

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

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

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DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1961

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:								
Akers Draw.....	0	0	580	570	640	640	660	3090
Sheep Creek.....	0	0	1490	2140	3190	4540	4460	15820
Dry Spotted Tail Creek.....	0	0	0	30	750	1060	860	2700
Wet Spotted Tail Creek.....	0	0	560	580	480	700	1180	3500
Tub Springs.....	0	0	0	170	1020	1260	950	3400
Enterprise Canal from:								
Dry Spotted Tail Creek.....	0	0	0	150	670	690	270	1780
Morrill Drain.....	0	0	120	50	100	270	190	730
Tub Springs.....	0	0	0	760	1140	1360	350	3610
Winter Creek.....	0	0	0	0	120	160	40	320
Winter Creek Canal from:								
Winter Creek.....	20	0	720	2370	4500	4340	3420	15370
Alliance Canal from:								
Bayard Drain.....	0	40	1390	1220	1390	1070	1000	6110
Red Willow Creek.....	790	100	960	1650	1760	2760	2440	10460
Total.....	810	140	5820	9690	15760	18850	15820	66890

DIVERSIONS FROM DRAINS BETWEEN
WYOMING-NEBRASKA STATE LINE AND BRIDGEPORT

Values in Acre-feet

For Water Year Ending September 30, 1962

	Oct.	Apr.	May	June	July	Aug.	Sept.	Total
Northport Canal from:								
Akers Draw.....	0	0	160	310	610	800	730	2610
Sheep Creek.....	0	0	910	0	2010	4490	4870	12280
Dry Spotted Tail Creek.....	0	0	0	0	910	1450	1030	3390
Wet Spotted Tail Creek.....	0	0	180	540	1210	980	1270	4180
Tub Springs.....	0	0	280	0	740	1990	1340	4350
Enterprise Canal from:								
Dry Spotted Tail Creek.....	0	0	480	50	700	960	750	2940
Morrill Drain.....	0	0	70	50	70	220	360	770
Tub Springs.....	0	0	190	0	310	1360	520	2380
Winter Creek.....	0	0	80	0	120	120	120	440
Winter Creek Canal from:								
Winter Creek.....	0	0	1500	0	670	3010	2870	8050
Alliance Canal from:								
Bayard Drain.....	0	120	1070	0	360	840	940	3330
Red Willow Creek.....	60	390	1130	0	1100	3470	2730	8880
Total	60	510	6050	950	8810	19690	17530	53600

SUMMARY OF MONTHLY DIVERSIONS FOR
IRRIGATION BY SECTIONS, BETWEEN
GUERNSEY, WYOMING AND ODESSA, NEBRASKA

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, 1961

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total
Guernsey-Whalen	0	0	0	0	0	39400	21940	0	15530	189610	173810	42160	482450
Whalen-State Line	4020	0	0	0	0	0	0	3390	13760	25780	23700	13550	84200
State Line-Mitchell	0	0	0	0	0	0	580	14460	19000	83100	63080	44700	224920
Mitchell-Minatare	1940	0	0	0	0	0	0	3270	9260	15430	14700	10740	55340
Minatare-Bridgeport	3620	100	0	0	0	0	740	12030	14480	16610	18590	16830	83000
Bridgeport-Lisco	2430	150	0	0	0	0	0	760	5000	6470	6660	5010	26480
Lisco-Keystone	8210	2030	730	0	0	0	4850	8210	14600	11710	10020	10650	71010
Keystone-North Platte	11280	620	0	0	0	0	0	4970	16520	30860	31980	22790	119020
North Platte-Odessa	6140	0	0	0	0	0	15410	55250	75460	185410	134640	67470	539780
Total, Guernsey-Odessa	37640	2900	730	0	0	39400	43520	102340	183610	564980	477180	233900	1686200

For the Water Year Ending September 30, 1962

Guernsey-Whalen	0	0	0	0	10530	13730	59620	127940	16180	142010	203210	160480	733700
Whalen-State Line	2380	0	0	0	0	0	0	19700	1780	18970	27290	19320	89440
State Line-Mitchell	0	0	0	0	0	0	5660	27550	13130	57820	84440	52730	241330
Mitchell-Minatare	810	0	0	0	0	0	380	8590	2300	5700	16130	10260	44170
Minatare-Bridgeport	550	0	0	0	0	0	510	13770	4210	10230	21810	17810	68890
Bridgeport-Lisco	520	0	0	0	0	0	690	6220	1170	3240	8070	5410	25320
Lisco-Keystone	8700	3900	0	0	0	0	2990	8630	5370	7910	13510	10140	61150
Keystone-North Platte	5310	250	0	0	0	0	510	17300	7220	13220	34360	20480	98650
North Platte-Odessa	3630	0	0	0	0	0	10370	64200	44260	70100	109370	49730	351660
Total- Guernsey-Odessa	21900	4150	0	0	10530	13730	80730	293900	95620	329200	518190	346360	1714310

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

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SUMMARY
ANNUAL DIVERSIONS IN ACRE-FOOT BY MAJOR PROJECTS
BASED ON ACREAGE REPORTS

	Water Year Ending September 30, 1961			Water Year Ending September 30, 1962		
	Acreage Reported	Water Diverted	Acre-ft. Per Acre	Acreage Reported	Water Diverted	Acre-ft. Per Acre
Alliance	6306	16570	3.81	6306	12210	1.94
Bartley	6520	10910	1.67	6522	8430	1.29
Beerline	2080	890	0.43	2080	1760	0.85
Belmont	14351	29110	2.03	14351	23590	1.64
Birdwood	5287	8800	2.17	5287	5380	1.02
Blue Creek	2918	8120	2.78	2918	6220	2.13
Browns Creek	6058	12730	2.10	6058	9810	1.62
Cambridge	15711	26870	1.71	15712	18670	1.19
Castle Rock-Steamboat	6538	18590	2.84	6538	16000	2.45
Central	2077	4580	2.21	2077	4130	1.99
Chimney Rock	5188	13760	2.65	5188	11370	2.19
Cody-Dillon	4660	5830	1.25	4660	5270	1.13
Court House Rock	1486	3610	2.43	1486	4280	2.88
Courtland	1830	6500	3.55	1798	3140	1.75
Cozad	25510	22060	0.86	25510	12010	0.47
Culbertson	20895	39650	1.90	21055	36090	1.71
Dawson County	84288	51940	0.62	84288	23140	0.27
Earnest	442	1560	3.52	442	1410	0.32
Elm Creek	6491	7000	1.08	5795	5750	0.99
Empire	1891	4970	2.63	2075	4920	2.37
Enterprise	7572	22480	2.97	7572	21530	2.84
Fort Laramie	105056	180290	1.72	105056	247830	2.36
Franklin	11273	24790	2.20	11285	19950	1.77
Franklin Pump	2130	2260	1.06	2113	400	0.19
Gering	14310	18440	1.29	14310	30860	2.16
Gothenburg	22445	30090	1.34	22445	15320	0.68
Graf	2089	2810	1.35	2089	1980	0.95
Harris-Neece	1109	2370	2.14	1109	2680	2.42
Hooper	877	3750	4.27	877	2870	3.27
Interstate	125074	302160	2.42	125074	485870	3.88
Kearney	6023	12060	2.00	5913	9770	1.65
Keith-Lincoln Co.	6146	22740	3.70	6146	20670	3.36
Kimball	4500	5520	1.23	4500	4830	1.07
Last Chance	442	1780	4.02	442	1570	3.55
Lisco	3767	6720	1.78	3767	6670	1.77
Meeker-Driftwood	16638	31940	1.92	16641	25790	1.55

*For irrigation - exclusive of power.

ANNUAL DIVERSIONS IN ACRE-FEET BY MAJOR PROJECTS

Concluded

Based on Acreage Reports

	Water Year Ending September 30, 1961			Water Year Ending September 30, 1962		
	Acreage Reported	Water Diverted	Acre-ft. Per Acre	Acreage Reported	Water Diverted	Acre-ft. Per Acre
Meredith-Ammer	571	750	1.31	671	1230	1.83
**Middle Loup PPID No. 1	2684	5320	1.98	3399	1920	0.56
**Middle Loup PPID No. 2	4324	5730	1.32	4179	1220	0.29
**Middle Loup PPID No. 3	9189	9040	0.98	9228	5260	0.21
**Middle Loup PPID No. 4	8791	11010	1.25	8729	6260	0.72
Midland-Overland	2214	2530	1.14	2214	1650	0.75
Minatare	9440	16800	1.78	9372	12280	1.31
Mirage Flats	11759	16010	1.36	11759	13770	1.17
Mitchell	13633	24900	1.83	13633	18400	1.35
Moore-Kay	400	1070	2.68	400	360	0.90
Naponee	1537	3390	2.21	1537	2220	1.44
Nine Mile	5618	11000	1.96	5689	11510	2.02
**No. Loup PPID Taylor-Ord	14901	21070	1.41	14869	14830	1.00
**No. Loup PPID Burwell-Sumter	8019	12130	1.51	8085	7670	0.95
**No. Loup PPID Ord-North Loup	6557	10040	1.53	6557	7430	1.13
North Platte	14067	42640	3.03	14067	33960	2.41
Northport	16109	52170	3.24	16109	56790	3.53
Orchard-Alfalfa	5980	5760	0.96	5980	5610	0.94
Oshkosh	1743	1570	0.90	1562	2090	1.34
Paisley	1086	3580	3.30	1086	3490	3.21
Paxton-Hershey	7358	11880	1.61	7358	12370	1.68
Pioneer	867	1680	1.94	867	1450	1.67
Potmesil	473	1560	3.30	473	1450	3.07
Ramshorn	1580	3070	1.94	1652	2440	1.48
**Sargent	13426	19760	1.47	12919	11340	0.88
Sheridan-Wilson	676	1800	2.66	676	2760	4.08
Short Line	2932	7590	2.59	2932	5290	1.80
Six Mile	1173	1200	1.02	1173	570	0.49
Suburban	6892	21730	3.15	6530	18240	2.79
Superior	5841	13690	2.34	5817	10960	1.88
Thirty Mile	23129	29050	1.26	23129	20540	0.89
*Tri-County	222782	382620	1.72	224461	259340	1.16
Tri-State	63061	147200	2.33	63065	160570	2.55
Union	1315	2740	2.08	1315	2210	1.68
Western	12268	45910	3.74	12567	40640	3.23
Winters Creek	5748	15370	2.67	5748	11760	2.05

*For irrigation exclusive of power

**Net diversion - spills have been deducted

PRECIPITATION AT VARIOUS POINTS

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PRECIPITATION AT VARIOUS POINTS

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

	<u>Normal</u>		<u>1961</u>		<u>1962</u>	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*MITCHELL STATION, SCOTTSBLUFF COUNTY--ELEVATION - 4080						
October	0.67	0.67	0.24	0.24	0.19	0.19
November	0.38	1.05	0.28	0.52	0.33	0.52
December	0.32	1.37	0.19	0.71	0.13	0.65
January	0.26	1.63	0.00	0.71	0.21	0.86
February	0.24	1.87	0.30	1.01	0.31	1.17
March	0.62	2.49	1.86	2.87	0.10	1.27
April	1.50	3.99	0.66	3.53	0.30	1.57
May	2.31	6.30	4.01	7.54	5.51	7.08
June	2.99	9.29	0.90	8.44	5.42	12.50
July	1.30	10.59	2.25	10.69	2.69	15.19
August	1.21	11.80	0.33	11.02	0.51	15.70
<u>September</u>	1.18	12.98	2.05	13.07	0.11	15.81
*49-year record						
*BRIDGEPORT STATION, MORRILL COUNTY--ELEVATION - 3666						
October	0.63	0.63	0.93	0.93	0.61	0.61
November	0.42	1.05	0.32	1.25	0.34	0.95
December	0.36	1.41	0.53	1.78	0.18	1.13
January	0.38	1.79	0.01	1.79	0.28	1.41
February	0.32	2.11	0.28	2.07	0.57	1.98
March	0.78	2.89	1.75	3.82	0.23	2.21
April	1.49	4.38	1.27	5.09	0.23	2.44
May	2.52	6.90	5.88	10.97	4.69	7.13
June	3.13	10.03	1.38	12.35	6.96	14.09
July	1.95	11.98	2.58	14.93	4.62	18.71
August	1.40	13.38	0.44	15.37	1.34	20.05
<u>September</u>	1.40	14.78	3.19	18.56	0.06	20.11
*64-year record						
*OSHKOSH STATION, GARDEN COUNTY--ELEVATION - 3393						
October	0.80	0.80	0.75	0.75	0.49	0.49
November	0.54	1.34	0.26	1.01	0.42	0.91
December	0.40	1.74	0.62	1.63	0.11	1.02
January	0.39	2.13	0.00	1.63	0.05	1.07
February	0.37	2.50	0.45	2.08	0.49	1.56
March	0.91	3.41	1.86	3.94	0.22	1.78
April	1.91	5.32	1.59	5.53	0.07	1.85
May	2.56	7.88	5.84	11.37	4.24	6.09
June	2.83	10.71	0.90	12.27	9.39	15.48
July	2.07	12.78	7.89	20.16	3.57	19.05
August	1.88	14.66	0.55	20.71	0.33	19.38
<u>September</u>	1.50	16.16	2.72	23.43	0.75	20.13
*49-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1961</u>		<u>1962</u>	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	

*NORTH PLATTE STATION, LINCOLN COUNTY--ELEVATION - 2779

October	1.04	1.04	0.26	0.26	0.15	0.15
November	0.55	1.59	0.32	0.58	0.50	0.65
December	0.40	1.99	0.49	1.07	0.44	1.09
January	0.39	2.38	0.00	1.07	0.07	1.16
February	0.34	2.72	0.07	1.14	0.72	1.88
March	0.91	3.63	2.24	3.38	1.15	3.03
April	2.06	5.69	2.49	5.87	0.51	3.54
May	2.67	8.36	5.15	11.02	8.01	11.55
June	2.92	11.28	2.58	13.60	5.30	16.85
July	2.40	13.68	1.23	14.83	5.33	22.18
August	2.11	15.79	1.08	15.91	0.10	22.28
September	1.75	17.54	2.78	18.69	2.38	24.66

*22-year record

*LEXINGTON STATION, DAWSON COUNTY--ELEVATION - 2404

October	1.49	1.49	1.58	1.58	0.35	0.35
November	0.70	2.19	0.67	2.25	0.81	1.16
December	0.66	2.85	0.45	2.70	0.78	1.94
January	0.50	3.35	0.00	2.70	0.03	1.97
February	0.72	4.07	0.13	2.83	0.53	2.50
March	1.10	5.17	1.78	4.61	1.84	4.34
April	2.38	7.55	0.83	5.44	0.52	4.86
May	3.23	10.78	7.40	12.84	6.65	11.51
June	3.74	14.52	2.33	15.17	7.61	19.12
July	2.99	17.51	1.62	16.79	8.66	27.78
August	2.70	20.21	3.07	19.86	1.57	29.35
September	1.98	22.19	2.05	21.91	1.75	31.10

*11-year record

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

October	1.31	1.31	0.65	0.65	0.20	0.20
November	0.98	2.29	0.41	1.06	0.86	1.06
December	0.55	2.84	0.12	1.18	1.03	2.09
January	0.58	3.42	0.00	1.18	0.13	2.22
February	0.66	4.08	0.49	1.67	1.64	3.86
March	1.28	5.36	1.53	3.20	1.58	5.44
April	2.22	7.58	1.79	4.99	0.52	5.96
May	3.87	11.45	7.49	12.48	3.43	9.39
June	3.66	15.11	4.01	16.49	2.75	12.14
July	2.63	17.74	4.76	21.25	8.78	20.92
August	2.39	20.13	1.33	22.58	1.65	22.57
September	2.57	22.70	2.55	25.13	1.59	24.16

*70-year record

PRECIPITATION AT VARIOUS POINTS--Continued

	<u>Normal</u>		<u>1961</u>		<u>1962</u>	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*SIDNEY STATION, CHEYENNE COUNTY--ELEVATION - 4085						
October	0.76	0.76	0.86	0.86	0.10	0.10
November	0.48	1.24	0.31	1.17	0.41	0.51
December	0.45	1.69	0.70	1.87	0.17	0.68
January	0.32	2.01	0.00	1.87	0.44	1.12
February	0.32	2.33	0.29	2.16	0.37	1.49
March	0.85	3.18	2.18	4.34	0.26	1.75
April	1.90	5.08	1.44	5.78	0.28	2.03
May	2.74	7.82	7.88	13.66	5.73	7.76
June	2.99	10.81	1.15	14.81	6.31	14.07
July	1.67	12.48	4.22	19.03	2.97	17.04
August	1.85	14.33	0.65	19.68	0.86	17.90
<u>September</u>	1.32	15.65	1.85	21.53	0.04	17.94
*34-year record						
*ORD STATION, VALLEY COUNTY--ELEVATION - 2062						
October	1.03	1.03	1.05	1.05	1.56	1.56
November	0.75	1.78	0.84	1.89	0.55	2.11
December	0.73	2.51	0.30	2.19	0.84	2.95
January	0.62	3.13	0.00	2.19	0.36	3.31
February	0.75	3.88	0.48	2.67	1.52	4.83
March	1.42	5.30	2.11	4.78	1.75	6.58
April	2.24	7.54	1.79	6.57	0.89	7.47
May	3.26	10.80	5.14	11.71	5.24	12.71
June	3.74	14.54	2.18	13.89	10.86	23.57
July	2.36	16.90	2.46	16.35	5.23	28.80
August	2.18	19.08	1.74	18.09	1.79	30.59
<u>September</u>	1.98	21.06	3.28	21.37	1.77	32.36
*71-year record						
*FORT ROBINSON STATION, DAWES COUNTY--ELEVATION - 3807						
October	0.93	0.93	0.00	0.00	0.80	0.80
November	0.62	1.55	0.90	0.90	0.68	1.48
December	0.43	1.98	1.05	1.95	0.13	1.61
January	0.49	2.47	0.00	1.95	0.24	1.85
February	0.60	3.07	0.54	2.49	0.79	2.64
March	1.21	4.28	2.13	4.62	0.55	3.19
April	2.30	6.58	1.47	6.09	1.11	4.30
May	3.30	9.88	4.32	10.41	7.55	11.85
June	3.20	13.08	0.88	11.29	5.31	17.16
July	1.71	14.79	2.14	13.43	3.09	20.25
August	1.61	16.40	0.36	13.79	1.46	21.71
<u>September</u>	1.53	17.93	1.36	15.15	0.05	21.76
*78-year record						

PRECIPITATION AT VARIOUS POINTS--Continued

	Normal		1961		1962	
	Monthly Accumulative		Monthly Accumulative		Monthly Accumulative	
*CULBERTSON STATION, HITCHCOCK COUNTY--ELEVATION - 2565						
October	0.87	0.87	2.41	2.41	0.34	0.34
November	0.68	1.55	0.30	2.71	0.95	1.29
December	0.45	2.00	1.12	3.83	0.80	2.09
January	0.44	2.44	0.00	3.83	0.05	2.14
February	0.52	2.96	0.12	3.95	0.25	2.39
March	1.21	4.17	1.46	5.41	1.46	3.85
April	1.94	6.11	1.52	6.93	0.37	4.22
May	3.20	9.31	4.76	11.69	5.12	9.34
June	3.19	12.50	2.43	14.12	8.72	18.06
July	2.61	15.11	2.07	16.19	6.83	24.89
August	2.50	17.61	1.00	17.19	0.80	25.69
<u>September</u>	1.68	19.29	2.02	19.21	1.02	26.71
*74-year record						
*GENOA STATION, NANCE COUNTY--ELEVATION - 1584						
October	1.06	1.06	0.38	0.38	0.40	0.40
November	0.87	1.93	0.62	1.00	0.44	0.84
December	0.78	2.71	0.80	1.80	0.86	1.70
January	0.64	3.35	0.05	1.85	0.12	1.82
February	0.82	4.17	0.66	2.51	2.56	4.38
March	1.12	5.29	1.56	4.07	1.69	6.07
April	2.11	7.40	1.83	5.90	0.66	6.73
May	3.52	10.92	3.44	9.34	3.14	9.87
June	4.51	15.43	2.51	11.85	2.13	12.00
July	2.69	18.12	2.99	14.84	6.82	18.82
August	2.57	20.69	1.80	16.64	1.72	20.54
<u>September</u>	2.25	22.94	2.56	19.20	3.03	23.57
*86-year record						
*HOLDREGE STATION, PHELPS COUNTY--ELEVATION - 2335						
October	1.11	1.11	1.29	1.29	0.83	0.83
November	0.85	1.96	0.19	1.48	1.32	2.15
December	0.62	2.58	0.59	2.07	1.10	3.25
January	0.56	3.14	0.00	2.07	0.11	3.36
February	0.71	3.85	0.27	2.34	1.20	4.56
March	1.15	5.00	2.14	4.48	2.36	6.92
April	2.31	7.31	1.50	5.98	0.44	7.36
May	3.98	11.29	8.28	14.26	5.56	12.92
June	4.05	15.34	3.58	17.84	4.95	17.87
July	2.48	17.82	3.15	20.99	6.75	24.62
August	2.31	20.13	3.84	24.83	2.96	27.58
<u>September</u>	2.38	22.51	2.03	26.86	2.66	30.24
*72-year record						

MONTHLY EVAPORATION IN ACRE-FEET

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MONTHLY EVAPORATION IN FEET--1961

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
Pathfinder Dam	†	0.542	0.715	0.789	0.715	0.409	†
Whalen Dam	0.434	0.590	0.761	0.860	0.824	0.477	0.380
Bridgeport	0.358	0.485	0.615	0.751	0.665	0.426	0.284
Kingsley Dam	†	0.450	0.657	0.707	0.664	0.418	†
North Platte	0.552	0.522	0.758	0.921	0.967	0.607	†

MONTHLY EVAPORATION IN FEET--1962

Station	Apr.	May	June	July	Aug.	Sept.	Oct.
Pathfinder Dam	0.458	0.698	0.698	0.943	0.965	0.667	0.503
Whalen Dam	†	0.667	0.613	0.738	0.830	0.526	0.380
Bridgeport	0.518	0.606	0.623	0.558	0.631	0.437	0.302
Kingsley Dam	†	0.599	0.611	0.682	0.733	0.455	0.316
North Platte	†	0.870	0.642	0.802	0.888	0.500	†

All are United States Weather Bureau Class "A" pans
 † No record reported

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