PROVO RIVER

DISCHARGE

1950

S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

MEAN CFS

1941 - 1950

Year	Apl.	May	Jun.	Jly.	Aug.	Sep.	Aft.	Seven Year Moving Average
1941	322	655	567	330	302	255	147239	150157
42	622	631	634	305	259	251	163182	155069
43	698	734	676	325	300	263	181099	152556
44	394	904	817	327	255	248	178299	151455
45	436	869	683	349	357	314	182055	150360
46	802	703	441	277	271	239	165159	158618
47	494	1010	741	347	383	328	200086	173864
48	589	880	476	273	270	226	164423	176319
49	670	997	889	379	314	305	214832	183707
1950	671	1068	1217	415	324	324	242833	192527

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S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

1 9 5 0

CFS

Month	Tot.	Max	Min	Mean	Aft
Apl.	20143	1050	440	671	39593
May	33113	1780	604	1068	65679
Jun.	36523	1883	666	1217	72443
Jly.	12863	617	323	415	25513
Aug.	10053	364	294	324	19940
Sept.	9732	372	292	324	19303
Max.	-	1883			
Mim.	-	-	292		
Mean	-	-	-	669	
Total	-	-	-	-	242833

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NATURAL
PROVO RIVER
UTAH VALLEY
1 9 5 0
Second Feet Discharge

Day	Apl.	May	Jun.	Jly.	Aug.	Sept.
1	440	723	1883	603	352	299
2	444	689	1872	617	351	300
3	449	645	1623	530	354	295
4	448	646	1322	452	364	296
5	450	648	1472	445	364	299
6	492	659	1612	461	355	304
7	555	672	1820	471	352	295
8	629	697	1478	466	352	298
9	684	618	1271	457	336	307
10	534	629	1016	444	334	296
11	511	604	1067	496	331	292
12	552	674	1295	446	323	343
13	585	699	1230	409	317	328
14	649	730	1268	423	314	306
15	647	850	1344	395	298	301
16	658	929	1317	393	305	339
17	660	1133	1269	417	301	342
18	667	1202	1274	376	318	333
19	693	1225	1195	367	345	333
20	772	1192	1136	354	328	332
21	929	1252	1094	385	317	331
22	974	1454	1096	375	310	333
23	1050	1571	1052	361	307	358
24	1027	1614	951	363	314	361
25	945	1665	933	328	312	372
26	802	1533	805	323	310	349
27	699	1536	749	335	294	347
28	703	1604	725	334	298	350
29	733	1602	679	336	297	348
30	762	1638	666	345	296	345
31	x	1780	x	356	304	x
Tot	20143	33113	36523	12863	10053	9732
Max	1050	1780	1883	617	364	372
Min	440	604	666	323	294	292
Mean	671	1068	1217	415	324	324
Aft	39953	65679	72443	25513	19940	19303

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
April 1950

	Vivian Park					Utah Valley					
Day	Rivr	Fork	Tot	Stor	Nat	To Lk	Dvtd	Wks	Tot	Infw	Nat
1	302	25	327	88	415					25	440
2	305	26	331	88	419					25	444
3	310	26	336	88	424					25	449
4	310	25	335	88	423	331	21	8	360	25	448
5	310	25	335	88	423					27	450
6	316	25	341	122	463					29	492
7	321	25	346	178	524	326	43	8	377	31	555
8	335	27	362	234	596					33	629
9	332	27	359	290	649					35	684
10	324	27	351	146	497					37	534
11	324	25	349	123	472					39	511
12	327	25	352	158	510	301	85	8	394	42	552
13	335	26	361	180	541					44	585
14	341	26	367	236	603					46	649
15	335	26	361	237	598					49	647
16	338	26	364	242	606	303	103	10	416	52	658
17	350	27	377	242	619					41	660
18	355	28	383	254	637					30	667
19	355	31	386	288	674	227	168	10	405	19	693
20	361	31	392	359	751					21	772
21	395	32	427	479	906					23	929
22	376	35	411	538	949	140	285	11	436	25	974
23	401	37	438	580	1018					32	1050
24	404	39	443	546	989	123	347	11	481	38	1027
25	440	37	477	432	909					36	945
26	456	34	490	278	768	93	420	11	524	34	802
27	473	33	506	158	664					35	699
28	477	32	509	158	667	135	399	11	545	36	703
29	466	31	497	170	667	178	376	9	563	66	733
30	470	28	498	170	668					94	762
x	x	x	x	x	x	x	x	x	x	x	x
Tot	10944	867	11811	7238	19049					1094	20143
Max											1050
Min											440
Mean											671
Aft											39953

Abbreviations:-Rivr - River; Tot - Total; Stor - Storage; Nat - Natural; To Lk - To Utah Lake; Dvtd - Diverted; Wks - Waterworks; Infw - Inflow below Vivian Park.

PROVO RIVER
VIVIAN PARTK AND UTAH VALLEY
Daily Discharge IN Secon Feet
May 1950

	Vivian Park					Utah Valley					
Day	Rivr	Fork	Tot	Stor	Nat	To Lk	Dvtd	Wks	Tot	Infw	Nat
1	483	27	510	91	601	120	503	9	632	122	723
2	487	28	515	92	607					82	689
3	483	29	512	92	604	160	384	9	553	41	645
4	480	28	508	92	600					46	646
5	477	27	504	92	596	217	330	9	556	52	648
6	473	28	501	104	605					54	659
7	473	27	500	116	616					56	672
8	410	27	437	202	639					58	697
9	305	27	332	226	558					60	618
10	302	27	329	238	567					62	629
11	397	27	424	116	540					64	604
12	500	27	527	80	607					67	674
13	508	28	536	93	629	176	420	10	606	70	699
14	518	30	548	118	666					64	730
15	528	34	562	230	792	142	468	10	620	58	850
16	539	38	577	306	883					46	929
17	604	40	644	455	1099	120	548	10	678	34	1133
18	671	38	709	435	1144					58	1202
19	668	39	707	437	1144	236	542	10	788	81	1225
20	691	38	729	386	1115					77	1192
21	768	36	804	376	1180					72	1252
22	776	38	814	572	1386	277	592	13	882	68	1454
23	776	46	822	701	1523					48	1571
24	881	48	929	656	1585	336	609	13	958	29	1614
25	1000	49	1049	606	1655					10	1665
26	1150	45	1195	348	1543					-10	1533
27	1400	41	1441	125	1566					-30	1536
28	1460	46	1506	138	1644					-40	1604
29	1460	43	1503	151	1654	778	659	14	1451	-52	1602
30	1460	41	1501	191	1692					-54	1638
31	1480	46	1526	310	1836	774	682	14	1470	-56	1780
Tot	22608	1093	23701	8175	31876					1237	33113
Max											1780
Min											604
Mean											1068
Aft											65679

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
June 1950

	Vivian Park					Utah Valley					
Day	Rivr	Fork	Tot	Stor	Nat	To Lk	Dvtd	Eks	Tot	Infw	Nat
1	1570	53	1623	356	1979	822	691	14	1527	-96	1883
2	1760	54	1814	131	1945					-73	1872
3	1830	45	1875	-202	1673	1110	702	13	1825	-50	1623
4	1530	38	1568	-254	1314					8	1322
5	1350	32	1382	24	1406	760	675	13	1448	66	1472
6	1190	32	1222	329	1551					70	1621
7	1190	38	1228	518	1746	635	635	13	1302	74	1820
8	1220	36	1256	158	1414					64	1478
9	1320	33	1353	-136	1217	746	648	13	1407	54	1271
10	1060	32	1092	-136	956					60	1016
11	920	31	951	51	1002					65	1067
12	842	30	872	264	1136	323	677	16	1031	159	1295
13	852	30	882	278	1160					70	1230
14	990	31	1021	172	1193	404	676	16	1096	75	1268
15	1190	31	1221	51	1272					72	1344
16	1220	31	1251	-2	1249					68	1317
17	1150	31	1181	24	1205	564	665	16	1245	64	1269
18	1070	26	1096	104	1200					74	1274
19	970	24	994	118	1112	433	628	16	1077	83	1195
20	965	25	990	78	1068					68	1136
21	965	25	990	51	1041	406	621	16	1043	53	1094
22	980	27	1007	24	1031					65	1096
23	975	29	1004	-30	974	406	660	16	1082	78	1052
24	842	29	871	-2	869					82	951
25	755	28	783	64	847					86	933
26	649	28	677	38	715					90	805
27	575	28	603	52	655					94	749
28	546	28	574	52	626					99	725
29	550	27	577	-2	575	4	661	16	681	104	679
30	550	27	577	-4	573	2	652	16	670	93	666
x	x	x	x	x	x	x	x	x	x	x	x
Tot	31576	959	32535	2169	34704					1819	36523
Max											1883
Min											666
Mean											1217
Aft											72443

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
July 1950

	Vivian Park					Utah Valley					
Day	Rivr	Fork	Tot	Stor	Nat	To Lk	Dvtd	Wks	Tot	Infw	Nat
1	550	27	557	-56	521	4	640	15	659	82	603
2	561	26	587	54	533					84	617
3	561	22	583	140	443	5	650	15	670	87	530
4	525	23	548	159	389	3	593	15	611	63	452
5	500	24	524	146	378	3	573	15	591	67	445
6	500	25	525	152	373	3	595	15	613	88	461
7	497	26	523	139	384	3	592	15	610	87	471
8	494	27	521	139	382					84	466
9	487	26	513	136	377	2	580	11	593	80	457
10	494	26	520	150	370	0	583	11	594	74	444
11	494	25	519	111	408	4	592	11	607	88	496
12	487	25	512	148	364	0	583	11	594	82	446
13	483	25	508	194	314	0	592	11	603	95	409
14	483	25	508	174	334	0	586	11	597	89	423
15	480	25	505	184	321	0	564	15	579	74	395
16	490	25	515	186	329	0	564	15	579	64	393
17	490	25	515	169	346	0	571	15	586	71	417
18	494	24	518	210	308	0	571	15	586	68	376
19	490	24	514	225	289	0	577	15	592	78	367
20	494	24	518	222	296	0	561	15	576	58	354
21	494	25	519	207	312	0	567	15	582	73	385
22	497	25	522	201	321	0	561	15	576	54	375
23	500	23	523	221	302	0	567	15	582	59	361
24	508	23	531	222	309	0	570	15	585	54	363
25	508	20	528	257	271	0	570	15	585	57	328
26	518	14	532	252	280	0	560	15	575	43	323
27	525	16	541	257	284	0	577	15	592	51	335
28	522	20	542	255	287	0	574	15	589	47	334
29	518	25	543	261	282	0	583	14	597	54	336
30	514	24	538	256	282	0	587	14	601	63	345
31	504	23	527	236	291	0	578	14	592	65	356
Tot	15662	737	16399	5719	10680					2183	12863
Max											617
Min											323
Mean											415
Aft											25513

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
August 1950

	Vivian Park					Utah Valley					
Day	Rivr	Fork	Tot	Stor	Nat	To Lk	Dvtd	Wks	Tot	Infw	Nat
1	466	23	489	210	279	0	548	14	562	73	352
2	446	23	469	192	277					74	351
3	437	24	461	181	280	0	521	14	535	74	354
4	430	24	454	166	288					76	364
5	420	24	444	159	285	0	509	14	523	79	364
6	420	24	444	171	273					82	355
7	420	18	438	170	268	0	508	14	522	84	352
8	417	18	435	170	265	0	508	14	522	87	352
9	414	21	435	170	265	0	492	14	506	71	336
10	414	21	435	176	259	0	496	14	510	75	334
11	411	24	435	182	253	0	499	14	513	78	331
12	411	25	436	190	246	0	498	15	513	77	323
13	408	26	434	193	241					76	317
14	408	25	434	194	240	0	493	15	508	74	314
15	411	24	435	193	242	0	476	15	491	56	298
16	417	23	440	194	246	0	484	15	499	59	305
17	414	24	438	191	247	0	477	15	492	54	301
18	373	25	398	144	254					64	381
19	411	26	437	167	270	0	495	17	512	75	345
20	401	26	427	174	253	0	485	17	502	75	328
21	395	25	420	181	239	0	481	17	498	78	317
22	392	24	416	187	229	0	480	17	497	81	310
23	401	29	430	187	243	0	477	17	404	64	307
24	401	28	429	193	236	0	490	17	507	78	314
25	401	27	428	191	237	0	486	17	503	75	312
26	401	27	428	190	238					72	310
27	401	28	429	204	225	0	483	15	498	69	294
28	398	27	425	198	227	0	486	15	501	71	298
29	404	27	431	198	233	0	480	15	495	64	297
30	408	27	435	208	227	0	489	15	504	69	296
31	404	26	430	206	224	0	495	15	510	80	304
Tot	12755	764	13519	5730	7789					2264	10053
Max											364
Min											294
Mean											324
Aft											19940

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
September 1950

	Vivian Park					Utah Valley					
Day	Rivr	Fork	Tot	Stor	Nat	To Lk	Dvtd	Wks	Tot	Infw	Nat
1	417	26	443	220	223					76	299
2	424	26	450	226	224	0	511	15	526	76	300
3	420	26	446	226	220	0	507	14	521	75	295
4	420	27	447	224	223	0	506	14	520	73	296
5	417	27	444	222	222	0				77	299
6	395	26	421	198	223	0	488	14	502	81	304
7	395	27	422	198	224	0	479	14	493	71	295
8	398	29	427	210	217	2	492	14	508	81	298
9	398	28	426	198	228	2	495	8	505	79	307
10	389	28	417	194	223					73	296
11	389	31	420	196	224	11	469	8	488	68	292
12	382	31	420	148	265					78	343
13	370	31	401	160	241	20	460	8	488	87	328
14	367	31	398	172	226					80	306
15	367	32	399	172	227	0	465	8	473	74	301
16	364	32	396	134	262					77	339
17	364	32	396	134	262	2	464	10	476	80	342
18	364	32	396	146	250					83	333
19	361	32	393	146	247	0	469	10	479	86	333
20	361	32	393	146	247					85	332
21	361	32	393	146	246					84	331
22	364	32	396	146	250					83	333
23	364	33	397	122	275	63	406	11	480	83	358
24	364	34	398	121	277					84	361
25	350	34	384	98	286	63	396	11	470	86	372
26	341	34	375	110	265					84	349
27	341	33	374	109	365	47	398	11	456	82	347
28	344	33	377	109	368					82	350
29	344	32	376	109	267	63	383	11	457	81	348
30	344	30	374	109	365					80	345
x	x	x	x	x	x	x	x	x	x	x	x
Tot	11279	913	12192	4849	7343					2389	9732
Max											372
Min											292
Mean											324
Aft											19303

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY -- WATER RESOURCES BRANCH

Daily Discharge, in second feet, of Provo River at Vivian Park, Utah, For the year ending September 30, 1950.

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	June	July	Aug	Sept
1	305	260	262	283	286	299	302	483	1570	550	466	417
2	316	260	262	294	283	299	305	487	1760	561	446	424
3	316	262	262	305	286	302	310	483	1830	561	437	420
4	313	260	262	302	288	305	310	480	1530	525	430	420
5	252	260	262	305	288	307	310	477	1350	500	420	417
6	199	260	262	302	294	307	316	473	1190	500	420	395
7	199	262	262	302	299	305	321	473	1190	497	420	395
8	208	257	260	305	291	302	335	410	1220	494	417	398
9	208	262	260	307	288	302	332	305	1320	387	414	398
10	210	291	260	260	288	302	324	302	1060	494	414	389
11	210	278	257	299	288	302	324	397	920	494	411	389
12	213	275	260	299	286	302	327	500	842	487	411	382
13	230	273	260	299	283	299	335	508	852	483	408	370
14	230	273	260	302	283	299	341	518	990	483	408	367
15	225	275	262	296	283	299	335	528	1190	480	411	367
16	225	275	262	294	283	296	338	539	1220	490	417	364
17	225	270	262	294	283	302	350	604	1150	490	414	364
18	240	270	265	296	286	302	355	671	1070	494	373	364
19	242	270	265	294	286	302	355	668	970	490	411	361
20	244	270	265	288	288	302	361	691	965	494	401	361
21	247	273	267	288	291	302	395	768	965	494	385	361
22	247	273	265	291	291	299	376	776	980	497	392	364
23	244	270	265	294	291	299	401	776	975	500	401	364
24	247	267	270	294	294	299	404	881	842	508	401	364
25	250	262	270	288	296	307	440	1000	755	508	401	350
26	260	262	273	286	296	302	456	1150	649	518	401	341
27	260	262	278	288	299	302	473	1400	575	525	401	341
28	260	262	278	291	299	299	477	1460	546	522	398	344
29	262	262	283	288	x	296	466	1460	550	518	404	344
30	262	265	283	288	x	296	470	1460	550	514	408	344
31	260	x	283	286	x	299	x	1480	x	504	404	x
	7609	8021	8247	9150	8097	9335	10944	22608	31476	15662	12755	11279
Mean	245	267	266	295	289	301	365	729	1053	505	411	376
Aft	15090	15910	16360	18150	16060	18520	21710	44840	62630	31070	25300	22370

Year Mean 425
Acre Feet 308,000

Unpublished Records
Subject to Revision

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY -- WATER RESOURCES BRANCH

Daily Discharge in second feet, of South Fork, Provo River at Vivian Park, Utah For the year ending September 30, 1950.

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	June	July	Aug	Sept
1	26	27	22	24	26	23	25	27	53	27	23	26
2	27	27	22	24	26	22	26	28	54	26	23	26
3	26	27	22	24	25	23	26	29	45	22	24	26
4	25	27	23	24	25	23	25	28	38	23	24	27
5	25	27	23	24	26	23	25	27	32	23	23	27
6	25	27	24	24	26	23	25	28	32	25	24	26
7	26	27	24	24	26	22	25	27	38	26	18	27
8	26	27	23	24	25	23	27	27	36	27	18	29
9	26	27	23	24	24	22	27	27	33	26	21	28
10	27	31	24	24	24	23	27	27	32	26	21	28
11	27	26	23	24	23	23	25	27	31	25	24	31
12	26	25	23	24	23	23	25	27	30	25	25	31
13	27	25	23	24	22	23	26	28	30	25	26	31
14	27	26	24	24	23	23	26	30	31	25	26	31
15	26	27	23	24	23	23	26	34	31	25	24	32
16	26	27	23	24	22	23	26	38	31	25	23	32
17	26	27	23	24	22	23	27	40	31	25	24	32
18	28	27	23	25	22	24	28	38	26	24	25	32
19	28	27	23	24	22	24	31	39	24	24	26	32
20	28	27	23	22	22	24	31	38	25	24	26	32
21	27	27	23	23	22	24	32	36	25	25	25	32
22	27	26	23	23	21	24	35	38	27	25	24	32
23	26	26	23	25	22	24	37	46	29	23	29	33
24	27	26	24	25	22	24	39	48	29	23	28	34
25	27	25	23	24	23	26	37	49	28	20	27	34
26	27	25	23	24	23	25	34	45	28	14	27	34
27	27	25	23	25	23	25	33	41	28	16	28	33
28	27	25	23	26	23	25	32	46	28	20	27	33
29	27	24	24	25	x	25	31	43	27	25	27	32
30	26	23	24	25	x	25	28	41	27	24	27	30
	822	790	718	749	656	732	867	1093	959	737	764	913
Mean	26.5	26.3	23.2	24.2	23.4	23.6	28.9	35.1	32.0	23.8	24.6	30.4
Aft	1630	1570	1420	1490	1300	1450	1720	2160	1900	1460	1520	1810

Year Mean 26.8
Acre Feet 19430

Unpublished Records
Subject to Revision

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY -- WATER RESOURCES BRANCH

Daily Discharge in Second Feet, of Provo River at Provo, Utah
For the year ending September 30, 1950.

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	June	July	Aug	Sept.
1	86	277	268	295	285	305	312	120	822	13	1.3	3.8
2	93	275	268	300	282	310	321	145	939	18	1.0	2.9
3	99	275	268	310	281	310	336	160	1110	14	1.0	3.4
4	101	277	266	310	281	312	331	216	924	8.3	2.0	3.4
5	105	279	264	312	283	317	321	217	760	6.8	1.8	2.6
6	129	277	264	208	294	324	321	205	618	7.3	2.2	2.1
7	164	268	264	305	324	319	326	212	635	7.3	2.0	2.4
8	210	268	264	308	305	317	338	232	665	8.8	1.2	2.5
9	219	275	264	314	296	312	348	248	746	5.4	1.3	3.5
10	225	310	265	308	299	312	326	244	599	26	1.3	13
11	219	308	296	308	296	308	312	236	444	10	2.0	11
12	223	305	365	308	294	305	301	227	343	4.7	2.0	21
13	236	303	265	308	283	303	294	176	285	4.4	.8	20
14	238	296	265	308	281	301	305	146	404	2.9	.6	13
15	246	294	265	308	281	299	303	142	521	2.9	.7	5.4
16	246	294	270	308	288	301	303	106	599	3.0	.8	5.6
17	248	292	270	308	290	305	308	120	564	3.0	.6	7.5
18	273	288	270	310	294	310	262	223	518	3.6	1.0	5.8
19	288	285	270	310	296	305	227	236	433	3.6	1.1	5.8
20	281	283	270	305	299	308	194	212	417	2.6	1.0	5.0
21	283	281	270	308	299	305	156	275	406	2.3	.8	9.1
22	281	277	270	312	301	308	140	277	406	2.4	.8	60
23	279	277	270	312	299	303	129	277	406	3.0	.7	63
24	277	279	270	319	301	305	123	336	340	2.7	.6	63
25	277	279	270	312	305	317	123	469	250	2.4	.8	63
26	275	275	280	296	305	312	93	533	170	1.7	1.3	49
27	275	268	280	290	303	308	75	707	96	1.7	2.3	47
28	277	268	285	301	303	310	135	793	32	1.5	1.9	53
29	279	270	285	206	x	308	178	778	10	1.4	1.8	63
30	277	270	290	292	x	310	170	767	9.3	1.6	1.3	67
31	275	x	290	288	x	312	x	774	x	2.2	1.3	x
	6984	8473	3390	9477	8248	9581	7411	9809	14471.3	178.5	39.3	676.8
Mean	225	282	271	306	295	309	247	316	316	5.76	1.27	22.6
Aft	13850	16810	16640	18800	16360	19000	14700	19460	28700	354	78	1340

Year Mean 229
Acre Feet 166,100

PRECIPITATION

PRECIPITATION FIVE STATIONS
1949 x 1950

	Oct	Nov	Dec	Jan	Feb.	Mar	Apl	May	Jun	Jly	Aug	Sept
HEBER												
Prec	2.05	1.69	2.96	3.15	1.11	1.48	0.74	1.76	0.30	0.45	0.0	1.15
Normal	1.34	1.33	1.64	1.96	1.99	1.86	1.40	1.27	0.70	0.83	1.00	1.02
Depart	+.71	+.36	+1.32	+1.19	-.88	-.38	-.66	+.49	-.40	-.38	-1.00	+.13
Month %	152	127	180	161	55	80	53	72	43	54	0	113
Tot Prec	2.05	3.74	6.70	9.85	10.96	12.44	13.18	14.94	15.24	15.69	15.69	16.84
Tot Norm	1.34	2.67	4.31	6.27	8.26	10.12	11.52	12.79	13.49	14.32	15.32	16.34
Accum	+.71	+1.07	+2.39	+3.58	+2.70	+2.32	+1.66	+2.15	+1.75	+1.37	+.37	+.50
Percent	152	140	156	157	133	122	114	117	113	110	102	103
PROVO												
Prec	2.61	0.41	1.79	2.10	0.92	0.96	0.60	1.41	0.19	0.56	0.06	0.85
Norm	1.36	1.18	1.43	1.54	1.62	1.59	1.43	1.49	0.73	0.63	0.82	0.92
Depart	+1.25	-.77	+.36	+.56	-.70	-.63	-.83	-.08	-.54	-.07	-.76	-.07
Month %	192	35	125	136	51	60	42	95	26	89	7	92
Tot Prec	2.61	3.02	4.81	6.91	7.83	8.79	9.39	10.80	10.99	11.55	11.61	12.46
Tot Norm	1.36	2.54	3.97	5.51	7.13	8.72	10.15	11.64	12.37	13.00	13.82	14.74
Accum	+1.25	+.48	+.84	+1.40	+.70	+.07	-.76	-.84	-1.38	-1.45	-2.21	-2.28
Percent	192	119	120	125	110	101	92	93	89	89	84	85
SALT LAKE CITY WB												
Prec	2.68	0.63	1.25	1.50	1.53	1.18	1.01	2.09	0.26	0.82	0.05	1.76
Norm	1.44	1.35	1.43	1.31	1.51	1.98	2.05	1.92	0.80	0.51	0.85	0.98
Depart	+1.24	-.72	-.18	+.19	-.02	-.80	-1.04	-.17	-.54	-.31	-.80	+.78
Month %	186	47	87	114	101	60	49	108	32	164	6	180
Tot Prec	2.68	3.31	4.56	6.06	7.59	8.77	9.78	11.07	12.13	12.95	13.00	14.76
Tot Norm	1.44	2.79	4.22	5.53	7.04	9.02	11.07	12.99	13.79	14.30	15.15	16.13
Accum	+1.24	+.52	+.34	+.53	+.55	-.25	-1.29	-1.12	-1.66	-1.35	-2.15	-1.37
Percent	186	119	108	109	108	97	88	91	88	91	86	91
BRIGHTON												
Prec	5.02	2.47	7.51	8.94	2.78	7.71	3.37	3.45	0.87	0.68	0.17	3.10
Norm	2.97	3.85	4.76	4.58	5.62	5.21	4.11	2.44	1.63	1.58	2.01	2.17
Depart	+2.05	-1.38	+2.75	+4.36	-2.84	+2.50	-.74	+1.01	-.76	-.90	-1.84	+.93
Month %	170	64	158	195	49	148	82	142	53	43	8	143
Tot Prec	5.02	7.49	15.00	23.94	26.72	34.43	37.80	41.25	42.12	42.80	42.97	46.07
Tot Norm	2.97	6.82	11.58	16.16	21.78	26.99	31.10	33.54	35.17	36.75	38.76	40.93
Accum	+2.05	+.67	+3.42	+7.78	+4.94	+7.44	+6.70	+7.71	+6.95	+6.05	+4.21	+5.14
Percent	170	110	138	148	123	127	122	123	120	112	111	113
SNAKE CREEK												
Prec	3.24	1.84	4.37	5.51	1.41	3.55	1.37	2.71	0.50	0.45	0.09	1.65
Norm	1.59	1.92	2.67	2.88	3.23	2.54	2.13	1.33	0.84	1.11	1.23	1.33
Depart	+1.65	-.08	+1.70	+2.63	-1.82	+1.01	-.76	+1.38	-.34	-.66	-1.14	+.32
Month %	204	96	154	191	44	140	64	204	60	40	7	124
Tot Prec	3.24	5.08	9.45	14.96	16.37	20.92	22.29	25.00	25.50	25.95	26.04	27.69
Tot Norm	1.59	3.51	6.18	9.06	12.29	14.83	16.96	18.29	19.13	20.24	21.47	22.80
Accum	=1.65	+1.57	+3.27	+5.90	+4.08	+6.09	+5.33	+6.71	+6.37	+5.71	+4.57	+4.89
Percent	204	145	153	165	133	141	131	137	133	128	121	121
AVERAGE												
Prec	3.12	1.41	3.58	4.24	1.55	2.98	1.42	2.28	0.42	0.59	0.07	1.70
Norm	1.74	1.93	2.39	2.45	2.79	2.64	2.22	1.69	0.94	0.93	1.18	1.28
Depart	+1.38	-.42	+1.19	+1.79	+1.24	+.34	-.80	+.59	-.52	-.34	-1.11	+.42
Month %	179	73	150	172	56	113	64	135	45	63	6	133
Tot Prec	3.12	4.53	8.11	12.35	13.90	16.88	18.30	20.58	21.00	21.59	21.66	23.36
Tot Norm	1.74	3.67	6.06	8.51	11.30	13.94	16.16	17.85	18.79	19.72	20.90	22.18
Accum	+1.38	+.86	+2.05	+3.84	+2.60	+2.94	+2.14	+2.73	+2.21	+1.87	+.76	+1.18
Percent	179	123	134	144	123	121	113	115	112	110	104	105

HEBER
Daily Precipitation

Year Ending
Sept. 30, 1950

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
1				.04				T				
2				.58				.59				
3				T		T		.34				
4				T				.04				
5					.14		T	.20				.04
6	T				.26	.15		.10				
7	.30				.64	T		.38	.30	.11		
8	.30	T					.20	.08		.04		.26
9	.22	.20	T	.69			.10					.07
10	.15	1.29	.36			.07				T		.13
11		.10	.12	.13		.07				.21		.31
12				.21								
13												T
14				.57		T	.03					
15						.02						
16			T	.13				.03				
17	.05		.28	.26								
18	.38		1.22			.20						
19	.62		.31	.04		T						T
20	.03					.17						.05
21	T		T									.10
22			.10			.07						
23				.06								.19
24		.10	.39	.25		.10						
25				T		.25						
26			.18			.19			T			
27						.14	.06					
28				.11	.07	.05	.30			.07		
29					x		.05			.02		
30				.08	x							T
31		x			x		x		x			x
Tot	2.05	1.69	2.96	3.15	1.11	1.48	.74	1.76	.30	.45	00	1.15

PROVO

Year Ending
Sept. 30, 1950

Daily Precipitation

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
1												
2					T			.42				
3				.55			T	.16				
4								.14				
5				.02	.28			.07				
6	.06				.13	.01	T	.01				T
7					.33	T		.10		.05		
8	.60	.04			.04		.06	.18	.19	.13		.05
9	.37	.01		.37			.01	.25		.03		.10
10	.34	.05	.17	.09			.25			.04	T	.11
11	.14	.28	.08			.09				.12	.02	
12			.02	.12		.06					.04	.33
13	.07											
14	.02		.01	.02			.05					.02
15				.10			.09					T
16			.04									T
17			.13	.01						T		T
18	.12		.53	.01		.30		.08		.01		
19	.29		.17	T						.04		
20	.40		.23			.09				.01		.02
21	.10		.04									
22	.10		.11	T								
23			.01	T		T	T					T
24		.03	.07	.67						.03		
25			.10	.02		.23						.02
26			.05			.11						
27			.03			.03				T		
28					.07	.04	.14			.02		
29				.05	x		T			.08		
30				.03	x		T					.20
31		x		.04	x		x		x			x
Tot	2.61	.41	1.79	2.10	.92	.96	.60	1.41	.19	.56	.06	.85

WATER SUPPLY
March 31, 1950

Precipitation Six Months Oct 1-Mar 31

Station	1950	1950	Nor mal	1950 % Nor
Heber City	12.44	11.16	10.12	122
Provo City	8.79	8.45	8.72	101
S Lake City	8.77	10.94	9.02	97
Brighton	34.43	32.71	26.99	127
Snake Crk	20.92	18.72	14.83	141
Average	16.96	16.30	13.94	
% Normal	122	117		

% Normal & Altitude

Station	Alt	% Nor
Provo River:		
Provo	4453	101
Daniels	8000	144
Long Lake	10300	138
Weber River:		
Ogden	4400	127
Smith-More	7600	160
Up Redmine	9000	159

STORAGE

Year	Utah Lake Gage	Utah Lake Aft	Straw Lake Aft	Deer Lake Aft	Echo Resr Aft
1950	-0.65	788,600	97,200	120,715	43,900
1949	-1.07	749,500	77,860	105,176	14,000
1948	-0.41	811,100	92,850	130,705	39,740

SNOW SURVEYS:

	Elev	1950 S	1950 W	1949 S	1949 W	Nor W	1950 % Nor
Timp Divid	8200	94.8	40.0	87.0	36.0	24.3	165
Daniels	8000	55.3	20.3	55.3	22.4	14.1	144
Soapstone	7800	60.7	16.0	48.1	17.8	11.0	145
Trial Lake	9600	112.2	38.0	96.4	32.1	24.6	154
Long Lake	10300	114.0	39.0	96.0	34.1	28.2	138
Smith-More	7600	55.2	19.5	50.8	18.2	12.2	160
Up Redmine	9000	80.4	30.9	73.6	28.8	19.4	159

TFW.

DEER CREEK RESERVOIR

DEER CREEK RESERVOIR
Grand Summary
Year Ending Oct. 15, 1950
Acre Feet Storage

Name	Bal Oct 15 1949	Impd	Bot	Sold	Loss	Drft	Bal Oct 15 1950
Deer Prjt	114978	41106	2723	31115	8353	-	119939
Evap Loss			8353		8353		-
U P & L	1642	2704 (8833)		(6129)		3952	394
Murdock	311	191	10386	311		10577	-
Salt Lake	1597		3000	1597		1634	1366
Highland	149		6325	149		5200	1125
Dist Comy			9004			9004	-
Prvo Bnch	599			599			-
Dxon Irr.	67		200	67		184	16
Pl Grove			1600			1600	-
Bvr & Shin			900	900			-
Prvo City			600			378	222
Hewlett			125	125			-
Reservoir	119343	44001			8353	32529	122462

Deer Creek storage utilized 28386acre feet

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DEER CREEK RESERVOIR
GRAND SUMMARY
STORAGE USE
1 9 5 0

Name	Acre Feet	For Use
Murdock	10386	Irrigation
Salt Lake	1634	Geneva Steel
Highland	5200	Irrigation
Dist Comy	9004	"
Dixon Irr.	184	"
Pl Grove	1600	"
Prvo City	378	"
Total	28386	

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STORAGE SUMMARY DEER CREEK RESERVOIR

Year Ending October 15, 1950

Deer Creek Project

Date	Sheet	Impd P R	Impd W R	Bot x	Sold	Loss	Bal
1949							
Oct 15	55-49						114978
31	56	172				246	114904
Nov 15	57	388				90	115202
30	58					89	115113
Dec 15	59					37	115076
31	60					30	115046
1950							
Jan 15	1-50			2723			117769
15	2					30	117739
31	3					37	117702
Feb 15	4	254				45	117911
28	5					43	117868
Mar 15	6					148	117720
31	7					182	117538
Apl 15	8	7870				298	125110
30	9	9790				392	134508
May 15	10	3957				540	137925
31	11	12387				624	149688
Jun 2	12				2700		146988
2	13				2000		144988
15	14	3211				735	147464
15	15				1750		145714
27	16				900		144814
30	17	1242	220			728	145548
Jly 7	18				150		145398
14	19				1000		144398
15	20		1615			780	145233
17	21				200		145033
17	22				450		144583
26	23				125		144458
28	24				5000		139458
31	25					789	138669

Deer Creek Project (Concld)

Date	Sheet	Impd P.R.	Impd W.R.	Bot x	Sold	Loss	Bal
1950							
Aug 1	26				3500		135169
8	27				200		134969
8	29				3000		131969
15	29					657	131312
18	20				1000		130312
21	31				200		130112
23	32				25		130087
28	33				25		130087
28	23				300		129762
31	35					684	129078
Sep 1	36				1800		127278
1	37				225		127053
1	38				3000		124053
1	39				200		123853
6	40				900		122953
11	41				100		122853
15	42					450	122403
22	43				608		121795
26	44				60		121735
26	45				800		120935
30	46					459	120476
Oct 4	47				396		120080
9	48				501		119579
15	49					240	119339
Totals		39271	1835	2723	31115	8353	119339
		41106					
		158807		-X-	158807		

EVAPORATION LOSSES.

Date	Sheet	Alot	Loss	Bal
1949				
Oct 15	55-49			0
31	56	246	246	0
Nov 15	57	90	90	0
30	58	89	89	0
Dec 15	59	37	37	0
31	60	30	30	0
1950				
Jan 15	2-50	30	30	0
31	3	37	37	0
Feb 15	4	45	45	0
28	5	43	43	0
Mar 15	6	148	148	0
31	7	182	182	0
Apl 15	8	298	298	0
31	9	392	392	0
May 15	10	540	540	0
31	11	624	624	0
Jun 15	14	735	735	0
30	17	728	728	0
Jly 15	20	780	780	0
31	25	789	789	0
Aug 15	29	657	657	0
31	35	684	684	0
Sep 15	42	450	450	0
30	46	459	459	0
Oct 15	49	240	240	0
Totals		8353	8353	

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Murdock -- Provo Reservoir Water Users Company

Date	Sheet	Impd	Bot	Sold	Drft	Bal
1949						
Oct 15	55-49					311
31	56					311
Nov 30	58					311
Dec 31	60					311
1950						
Jan 15	1-50			311		0
Jun 27	16		900			900
Jly 15	20	191				1091
26	23		125			1216
28	24		5000			6216
31	25				1718	4498
Aug 15	29				1501	2997
31	35				1965	1032
Sep 1	38		3000			4032
15	42				3184	848
26	44		60			908
26	45		800			1708
30	46				1692	16
Oct 9	48		501			517
15	49				517	0
Totals		191	10386	311	10577	0
		10888	-x-	10888		

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Metro District Of Salt Lake To Geneva Steel

Date	Sheet	Bot	Sold	Drft	Bal
1949					
Oct 15	55-49				1597
31	56				1597
Nov 30	58				1597
Dec 31	60				1507
1950					
Jan 15	1-50		1597		0
Jun 2	13	2000			2000
Jly 15	20			209	1791
31	25			382	1409
Aug 15	29			474	935
18	30	1000			1935
31	35			394	1541
Sep 15	42			175	1366
30	46				1366
Oct 15	49				1366
Totals		3000	1597	1634	1366
		4597	-X-	4597	

U P & L Olmsted Plant

Date	Sheet	Impd	Drft	Trans	Bal
1949					
Oct 15	55-49				1642
31	56	2118			3760
Nov 15	57	867			4627
30	58		292		4335
Dec 15	59		1038		3297
31	60		528		2769
1950					
Jan 15	2-50		1563		1206
31	3	148			1354
Feb 15	4	122			1476
28	5		288		1188
Mar 15	6	1254			2442
31	7	735			3177
Apl 15	8	2952		6129	0
Aug 15	29		53		-53
31	35		53		-106
Sep 15	42		62		-168
30	46	55			-113
Oct 15	49	507			394
Totals		8833	3952	6129	394
		10475	-X-	10475	

Utah Lake Distributing Company

Date 1950	Sheet	Bot	Sold	Drft	Bal
Jun 2	12-50	2700			2700
Jly 15	20			1317	
31	25			1520	-137
Aug 1	26	2500			3363
15	29			1425	1938
31	35			1496	442
Sep 1	36	1800			2242
15	42			1425	817
22	43	608			1425
30	46			1425	0
Oct 4	47	396			396
15	49			396	0
Totals		9004		9004	

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Highland Conservation District

Date	Sheet	Bot	Sold	Drft	Bal
1949					
Oct 15	55-49				149
31	56				149
Nov 30	58				149
Dec 31	60				149
1950					
Jan 15	1-50		149		0
Jun 15	15	1750			1750
30	17			118	1632
Jly 15	20			885	747
17	22	450			1197
31	25			944	253
Aug 8	28	3000			3253
15	29			840	2413
31	35			882	1531
Sep 1	37	225			1756
6	40	900			2656
15	42			684	1972
30	46			660	1312
Oct 15	49			187	1125
Totals		6325	149	5200	1125
		6474 -x-		6474	

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Dixon Irrigation Company

Date	Sheet	Bot	Sold	Drft	Bal
1949					
Oct 15	55-49				67
31	56				67
Nov 30	58				67
Dec 31	60				67
1950					
Jan 15	1-50		67		0
Jly 7	19	150			150
15	20			47	103
31	25			49	54
Aug 15	29			45	9
23	32	25			34
28	33	25			59
31	35			33	26
Sep 15	42			10	16
30	46				16
Oct 15	49				16
Totals		200	67	184	16
		267	-x-	267	

Pleasant Grove Irrigation Company

Date 1950	Sheet	Bot	Sold	Drft	Bal.
Jly 14	19-50	1000			1000
31	25			266	734
Aug 15	29			405	329
28	34	300			629
31	35			488	141
Sep 1	39	200			341
6	41	100		396	45
30	46			45	0
Oct 15	49				0
Totals		1600		1600	0

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Provo City Corporation

Date 1950	Sheet	Bot	Sold	Drft	Bal
Jly 15	20-50			110	-110
17	21	200			90
31	25			126	-36
Aug 8	27	200			164
15	29			122	42
21	31	200			242
31	35			20	222
Sep 30	46				222
Oct 15	49				222
Totals		600		373	222

$\frac{600}{600} - x \qquad \frac{\quad}{600}$

Provo Bench C & I Company

Date	Sheet	Bot	Sold	Drft	Bal
1949					
Oct 15	55-49				599
31	56				599
Nov 30	58				599
Dec 31	60				599
1950					
Jan 15	1-50		599		0

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Hewlett Bench Inc.

Date	Sheet	Bot	Sold	Drft	Bal
1950					
Jly 26	23-50	125	125	-	0

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Beaver & Shingle Creek Irr. Company

Date	Sheet	Bot	Sold	Drft	Bal
1950					
Jun 27	16-50	900	900		0

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STORAGE HEAD PROVO RIVER

STORAGE HEAD PROVO RIVER SUMMARY 1950

	Date	Sheet	Resr Gros	Mur-dock	Extn sion	Was tch	Timp	Wash	Soth Kmas	Hew-lett	Prvo City	Sun-rise
Impd	6-27	D1	10841	4651	451	1681	2403	871	-	-	784	-
Trns	6-27	16		-900				+450	+450			
Drft	7-15	D2	791	204	12	192	190					
Trns	7-28	D3						+200	+584		-784	
	7-26	32		-125						+125		
Drft	7-31	D4	4048	1138	90	590	1600	270	102	10	-	-
Loss				145	18	67	96	61	41	5		
Trns	8-1	D5		-300		+300						
		D6		-150								+150
		D7		-650			+650					
Trns	8-4	A3		+247	-247							
	8-8	D8		-200	+200							
Drft	8-15	D9	3896	424	284	890	1167	540	365	110	-	60
	8-31	D10	2012	662	-	242	-	576	440	-	-	80
	9-4	D11	94	-	-	-	-	74	86	-	-	10
Orig Stor			10841	4651	451	1681	2403	871	-	-	784	-
Bot				247	200	300	650	650	1034	125	-	150
Sold				2325	247	-	-	-	-	-	784	-
Loss Chrg				145	18	67	96	61	41	5	-	-
Draft			10841	2428	386	1914	2957	1460	993	120	-	150
Bal			0	0	0	0	0	0	0	0	0	0

STORAGE HEAD PROVO RIVER 1950

Murdock - Provo Reservoir Water Users Company

Date 1950	Shet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 27	D1-50	4651					4651
27	16			900			3751
Jly 15	D2					204	3547
31	D4				145	1138	2139
Aug 1	D5			300			1839
1	D6			150			1689
3	D7			650			1039
4	A3		247				1286
8	D8			200			1086
15	D9					424	662
31	D10					662	0
Totals		4651	247	2325	145	2428	

$$\frac{247}{4898} \times \frac{2325}{4898}$$

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Extension Irrigation Company

Date 1950	Shet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 27	D1-50	451					451
Jly 15	D2					12	439
31	D4				18	90	331
Aug 4	A3			247			84
8	D8		200				284
15	D9					284	0
31	D10						0
Totals		451	200	247	18	386	

$$\frac{200}{651} \times \frac{247}{651}$$

STORAGE HEAD PROVO RIVER 1950

Wasatch Irrigation Company

Date 1950	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 27	D1-50	1681					1681
Jly 15	D2					192	1489
31	D4				67	590	832
Aug 1	D5		300				1132
15	D9					890	242
31	D10					242	0
Totals		1681	300		67	1914	
		1981	x		1981		

Timpanogus Irrigation Company

Date 1950	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 27	D1-50	2403					2403
Jly 15	D2					190	2213
31	D4				96	1600	517
Aug 3	D7		650				1167
15	D9					1167	0
31	D10						0
Totals		2403	650		96	2957	
		3053			3053		

STORAGE HEAD PROVO RIVER 1950

Washington Irrigation Company

Date 1950	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 27	D1-50	871					871
27	16		450				1321
Jly 15	D2						1321
28	D3		200				1521
31	D4				61	270	1190
Aug 15	D9					540	650
31	D10					576	74
Sep 4	D11					74	0
Totals		871	650		61	1460	
		1521		x	1521		

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South Kamas Irrigation Company

Date 1950	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 27	16-50		450				450
Jly 28	D3		584				1034
31	D4				41	102	891
Aug 15	D9					365	526
31	D10					440	86
Sep 4	D11					86	0
Totals		=	1034		41	993	
		1034		x	1034		

STORAGE HEAD PROVO RIVER 1950

Hewlett Ranch Company

Date 1950	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jly 26	23-50		125				125
31	D4				5	10	110
Aug 15	D9					110	0
Totals		125	125	x	5	120	

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Provo City Corporation

Date 1950	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 27	D1-50	784					784
Jly 28	D3			784			0
Totals		784		784			

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Sunrise Irrigation Company

Date 1950	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Aug 1	D6-50		150				150
15	D9					60	90
31	D10					80	10
Sep 4	D11					10	0
Totals			150	x		150	

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STORAGE HEAD PROVO RIVER 1950

Reservoirs

Date 1950	Sheet	Impd	Drft	Bal
Jun 27	D1-50	10841		10841
Jly 15	D2		791	10050
31	D4		4048	6002
Aug 15	D9		3896	2106
31	D10		2012	94
Sep 4	D11		94	0
Totals		10841	10841	

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ECHO STORAGE
SUMMARY
1 9 5 0

Series "A"

Acre Feet

Date 1950	Sheet	Recd Prvo Rivr	Infw	Loss	Net	To Mur-dock	To Extn sion
Jly 15	A1-50	358	14	9	335	292	40
Jly 31	A2	1732	72	68	1592	1232	360
Aug 4	A3	152	--	7	145	145	-
Totals		2242	86	84	2072	1672	400
Ownership						1919	153
Transfered Head River Storage						+247	-147
					2072	x	2072

WEBER RIVER
TO
PROVO RIVER
SUMMARY
1 9 5 0

Series C

Acre Feet

Date	Sheet	Recd Prvo Rivr	Infw	Loss	Net	To Deer Lake	To Mur-dock
Jun 30	C1-50	220	-	-	220	220	-
Jly 15	C2	3054	81	125	2848	1615	1233
Totals		3274	81	125	3068	1835	1233
		3274	x	3274			

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DISTRIBUTION

OUTLINE DISTRIBUTION PROVO DIVISION 1950

	May 10 Jun 20 Cfs	Jun 20 Jly 20 Cfs	Jly 20 Sep 1 Cfs	Sep 1 May 10 Cfs
1. West Union, Smith, Carter	33.47	30.29	27.23	27.14
2. P & N - B & Y	2.74	2.49	2.18	1.96
3. Timpanogus Canal Co.	14.12	12.83	11.29	11.29
4. U E Union and Faucett Fd	15.16	13.73	12.31	12.19
5. ERBWCo. and City Creek	10.00	9.20	8.20	7.77
6. Provo City Irr. and Power	63.08	59.59	56.28	53.42
7. Little Dry Creek	8.43	7.67	6.75	6.75
8. Fort Field, Upper Canal	6.36	5.65	5.08	4.07
9. Lake Bottom Canal	15.93	14.17	12.75	10.20
10. Spring Creek Users	7.20	6.55	5.71	5.14
11. Murdock Canal:				
Blue Cliff Right	10.77	14.24	17.54	17.54
Wright Est Springs and River Rght less.6, not above	1.20	1.20	1.20	1.20
Round Valley, not above		3.12	3.12	3.12
Other Rights as shown	. . .	. . .	. . .	. . .

12. Provo City and Orem Waterworks as shown

13. Provo Bench Canal as shown on next page

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Provo City includes 26 acre water right of Provo Brick & Tile Co. The above are net quantitied as of 100% award, losses and inflows as shown.

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OUTLINE DISTRIBUTION PROVO BENCH CANAL 1950

	May 10 Jun 20 Cfs	Jun 20 Jly 20 Cfs	Jly 20 May 10 Cfs
a. One P B share equals	.05	.04525	.04074
b. One N U share equals	.02647	.02395	.02156
c. One Murdock share equals on duty 57,63,70	.01754	.01587	.01429
d. One Dixon acre share equals on duty 57,63,70	.01754	.01587	.01429
e. PBC&ICo Decree, 1520.4 shares	76.01	68.77	61.89
f. Tanner Deed, Par 30, 5 shares	0.25	0.25	0.25
g. Tanner Deed 28 shares	1.24	1.24	1.24
h. Provo Res Co Deed, 250 shares	12.50	11.31	10.18
i. J D Dixon deed, 31 shares	1.55	1.40	1.26
j. Provo Res Co deed, 120 shares	6.00	5.43	4.89
k. Total issued stock 1954.4 shares	97.55	88.40	79.71
l. Provo Res Co, No Cert			
60.92 P B shares	3.05	2.76	2.48
99.58 N U shares	2.64	2.39	2.15
m. Tanners, No Cert, 65.91 P B shares	3.30	2.98	2.69
n. Tanners, Deeds 42.25 P B shares	2.11	1.91	1.72
9.00 N U "	0.24	0.22	0.19
O. Dixon Irr. Co 39.72 acre shares	0.70	0.63	0.57
p. Total as shares	109.50	99.29	89.51
NORTH OPENING:			
q. Provo Res WU Co 613 acre shares	10.75	9.73	8.76
r. Tanners, 4.0 acres, Dty 57,63,70	0.07	0.06	0.06
s. Dixon Irr. Co 74.0 care shares	1.30	1.17	1.06A
t. Total North Opening	12.12	10.96	9.88B
u. PBC&ICo "storage shares" 83.72	4.19	3.79	3.41

5-11-50, TFW; CC:LJ SLAISBURY:R J MURDOCK:D B TORNE: TANNERS: J G STRATTON.

A - After Aug 16 = 0.31, See F6-50
B - " " " = 9.13, " "

DISTRIBUTION PROVO BENCH CANAL 1950

Name	Provo Bench Shares	North Union Shares	Acres North Openg	Equal To PB Shares	Per Cent
PBC&ICo	1954.4	-	-	1954.4	
83.72	83.72	-	-	83.72	
				2038.12	80.8
PRWUCo	60.92			60.92	
		99.58		52.68	
			613	215.1	
				328.70	13.0
Tanners	65.91			65.91	
			4	1.4	
				67.31	2.7
Tanner Deeds	42.25			42.25	
		9		4.75	
				47.0	1.9
Dixon Irr Co.	12.94			13.94	
			74.0	25.96	
				39.90	1.6
Totals				2521.03	100

OUTLINE DISTRIBUTION CITY CREEK 1950

Name of Rights	Acres	
James Amicome	4.00	
Earl Foote	15.00	
J W Bone	9.00	
P B & T Co	14.00	
Frank Perry	9.00	
Wallace Gurr	3.00	
Mrs. Ruth Meldrum	1.50	
Ear Foote	6.00	Stock In ERBWCo
Sidney Cluff	18.20	
Total	79.70	

Less 6.00 of Earl Foote by stock = 73.70

And on 73.70 acres as follows:

May 10-Jun 20, Duty 57, 1.29 cfs A
Jun 20-Jly 20, " 63, 1.17 " B
Jly 20-May 10, " 70, 1.05 " C

Summary:

Name	May 10 Jun 20	Jun 20 Jly 20	Jly 20 Sep 1	Sep 1 May 10
ERBWCO	7.96	7.35	6.56	6.17
A B & C	1.29	1.17	1.05	1.05
Fred Dusterburg	.327	.298	.262	.243
Boyce Estate	.300	.281	.246	.229
Jane E Smith	.110	.100	.087	.079
Totals	10.0	9.2	8.2	7.77

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OUTLINE DISTRIBUTION PROVO DIVISION
1 9 5 0
LOSS AND GAIN ALLOWANCES
Second Feet

Name	Loss Cfs	Gain Cfs
Provo Bench Canal	5	-
Timpanogus Canal	2	-
U E Union Canal	2	-
City Creek	1	-
Provo City:		
Factory	-	5
Union	2	-
City	1	-
Tanner	1	3 (5th West Drain)
	4	8

Gain 4

PROVO BENCH CANAL

Maintained by lease of Class A, Blue Cliff
Right and Tunnel Waters to the percent of Decree:-

Dates	Percent
July 4-15	114
16-19	116
20-31	122
Aug 1-15	120
16-31	119
Sep 1-5	119
6-	100

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OUTLINE DISTRIBUTION NATURAL RIVER
WASATCH DAM
HEAD HEBER VALLEY
1 9 5 0

Second Feet

	Classes: 1	11	12	13	14	15	16	17	Total
Wasatch Canal	49.67a	-	-	-	-	-	-	22.33	72.00
North Field	32.71b	5.95	-	-	-	-	-	19.34	58.00
Timpanogus	-	-	-	-	38.33c	-	16.67	25.00	80.00
Extension	-	-	-	-	13.33	-	-	6.67	20.00
Midway etal	5.00	-	-	12.17	-	20.00	-	"X"	37.17
Sagebrush	-	-	8.33	-	-	-	-	4.17	12.50
Up Charleston	12.00	-	-	-	-	-	1.67	6.83	20.50
Totals	99.38	5.95	8.33	12.17	51.66	20.00	18.34	84.34d	300.17
Grand Totals	99.38	105.33	113.66	125.83	177.49	197.49	215.83	300.17d	300.17

a - Includes 5 loss and 3 Billy Mac; b - Less 3 Billy Mac; "X" Depends on the flow of Snake Creek; d - Exclusive "X"; c - Includes 5 loss.

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OUTLINE DISTRIBUTION NATURAL RIVER
WOODLAND
1 9 5 0
Second Feet

	Calsses: 1	2	5	11	17	Total
South Kamas	17.50	10.83			14.17	42.50
Washington	-	-	21.03	-	10.52	31.55
Sunrise	4.00	-	-	2.40	3.20	9.60
Totals	21.50	10.83	21.03	2.40	27.89	83.65

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CANALS PROVO DIVISION

SUMMARY

1 9 5 0

Acre Feet

Canal	Aprl	May	June	July	Aug	Sept	Oct	Totals
Murdock	3514	13205	15667	17464	12715	11679	2198	76,442
Provo Bench	2907	7812	11058	8482	8054	7128	2100	47,541
Timpanogus	187	601	912	893	837	762	237	4,429
U E Union	432	980	1302	961	899	840	234	5.648
City Creek	768	1500	1500	645	570	732	522	6,237
West Union	780	1283	2130	1835	1680	1254	159	9,121
P&N and B&Y	132	186	420	192	155	132	60	1,277
Provo City	1728	2723	3138	2790	2740	2376	759	16,284
Dry Creek	255	697	768	620	515	618	267	3,740
Fort Field	-	61	408	397	347	276	102	1,591
Lake Bottom	-	589	954	843	744	504	-	3,634
Spring Creek	110	223	270	260	335	83	-	1,281
Geneva Steel, Year Ending Oct 15, 1950								8,084

Daily End Of Day Gage and Acre Feet of Deer Creek Reservoir Year Ending Oct 31, 1950.

	November		December		January		February		March		April	
1	5404.31	121409	04.62	122104	03.90	120494	03.20	118945	03.33	119232	04.07	120872
2	.32	121432	.58	122014	.88	120450	.15	118834	.41	119409	.14	121029
3	.33	121454	.54	121925	.86	120405	.10	118723	.47	119542	.21	121185
4	.34	121477	.50	121835	.79	120250	.05	118612	.53	119675	.28	121342
5	.35	121499	.46	121745	.72	120095	.08	118679	.60	119830	.35	121499
6	.35	121499	.42	121656	.65	119940	.20	118945	.67	119985	.45	121723
7	.35	121499	.39	121589	.60	119830	.40	119387	.72	120095	.60	122059
8	.35	121499	.36	121521	.55	119720	.40	119387	.75	120161	.80	122507
9	.39	121589	.36	121521	.50	119609	.40	119387	.78	120228	05.05	123068
10	.67	122216	.35	121499	.45	119498	.42	119431	.80	120272	.17	123341
11	.79	122485	.33	121454	.40	119387	.45	119498	.79	120250	.27	123567
12	.82	122552	.29	121365	.35	119276	.45	119498	.78	120228	.40	123862
13	.82	122552	.25	121275	.30	119166	.42	119431	.77	120206	.55	124203
14	.82	122552	.21	121185	.25	119055	.40	119387	.76	120184	.75	124656
15	.82	122552	.17	121096	.20	118945	.40	119387	.75	120162	.95	125110
16	.82	122552	.15	121051	.25	119055	.35	119277	.77	120206	06.15	125568
17	.83	122574	.18	121118	.30	119166	.30	119166	.79	120251	.35	126027
18	.84	122597	.23	121230	.35	119276	.25	119056	.81	120294	.56	126510
19	.84	122597	.28	121342	.36	119299	.20	118945	.83	120339	.80	127061
20	.84	122597	.28	121342	.37	119321	.17	118878	.85	120383	07.10	127754
21	.83	122574	.26	121297	.38	119343	.14	118812	.85	120383	.50	128687
22	.81	122529	.24	121253	.39	119365	.11	118745	.89	120472	.95	129736
23	.79	122485	.22	121208	.40	119387	.08	118679	.93	120561	08.43	130871
24	.77	122440	.20	121163	.41	119409	.11	118745	.97	120649	.87	131937
25	.75	122395	.16	121073	.42	119431	.14	118812	.00	120715	09.23	132775
26	.73	122350	.12	120984	.39	119365	.17	118878	.00	120715	.45	133304
27	.71	122305	.08	120894	.36	119299	.20	118945	.00	120715	.57	133594
28	.69	122261	.04	120805	.33	119232	.25	119056	.00	120715	.69	133883
29	.67	122216	.00	120715	.30	119166	x	x	.00	120715	.82	134195
30	.65	122171	03.96	120627	.27	119100	x	x	.00	120715	.95	134508
31	x	x	.92	120538	.25	119056	x	x	.00	120715	x	x

Daily End Of Day Gage and Acre Feet of Deer Creek Reservoir Year Ending Oct 31, 1950

	May		June		July		August		September		October	
1	5410.01	134654	16.17	150351	17.05	152699	14.16	145080	09.50	133425	05.02	123000
2	.07	134801	.25	150564	.02	152618	.02	144716	.30	132943	04.89	122709
3	.13	134948	.08	150112	16.94	152404	13.88	144356	.10	132462	.76	122417
4	.19	135095	15.87	149556	.89	152270	.74	143997	08.90	131994	.63	122126
5	.25	135242	.87	149556	.85	152164	.60	143638	.70	131511	.62	122104
6	.32	135413	16.10	150165	.81	152058	.45	143252	.52	131084	.64	122149
7	.40	135609	.47	151151	.78	151978	.30	142868	.34	130658	.66	122193
8	.55	135976	.57	151418	.75	151898	.15	142483	.15	130208	.68	122238
9	.72	136392	.45	151098	.72	151817	.00	142098	07.97	129783	.70	122283
10	.90	136833	.33	150778	.69	151737	12.85	141718	.79	129364	.72	122328
11	.98	137029	.35	150831	.69	151737	.70	141339	.61	128943	.74	122373
12	11.03	137152	.53	151311	.65	151631	.56	140984	.47	128617	.76	122417
13	.09	137302	.72	151817	.60	151498	.42	140631	.32	128268	.78	122462
14	.17	137501	.83	152111	.55	151365	.28	140276	.16	127894	.78	122462
15	.34	137925	.85	152164	.43	151178	.14	139922	.00	127521	.78	122462
16	.57	138497	.83	152111	.38	150911	.00	139568	06.87	127222	.76	122417
17	.92	139369	.83	152111	.28	150645	11.86	139219	.74	126924	.74	122373
18	12.25	140200	.89	152270	.17	150351	.74	138921	.60	126602	.72	122328
19	.58	141035	.96	152457	.05	150032	.60	138572	.46	126280	.70	122283
20	.87	141769	17.00	152564	15.95	149715	.47	138248	.32	125958	.68	122238
21	13.15	142483	.02	152618	.81	149397	.34	137925	.18	125637	.66	122193
22	.58	143587	.02	152618	.69	149082	.21	137601	.04	125315	.64	122149
23	14.11	144950	16.98	152510	.55	148713	.07	137252	05.92	125041	.62	122104
24	.60	146224	.96	152457	.40	148318	10.02	136882	.80	124769	.60	122059
25	15.05	147396	.99	152537	.25	147923	.77	136514	.70	124543	.57	121992
26	.30	148054	17.00	152564	.10	147527	.62	136147	.59	124293	.54	121925
27	.38	148265	.02	152618	14.94	147108	.44	135707	.48	124044	.51	121857
28	.47	148502	.04	152672	.78	146692	.26	135266	.37	123794	.48	121790
29	.57	148765	.07	152753	.62	146276	.08	134825	.26	123545	.45	121723
30	.70	149108	.08	152780	.46	145860	09.89	134364	.15	123295	.45	121723
31	.92	149688	x	x	.30	145444	.70	133907	x	x	.45	121723

MURDOCK CANAL

RIGHTS AND USE OF THE

TOTAL DISCHARGE

SUMMARY

Year Ending Sept 15, 1950

Acre Feet

	Deer Stor	Echo Stor	Webr Rivr	Head Rivr Stor	Rivr Rights	Total
Prvo Resr Watr Users	10386	1672	1233	2428	44919	60638
Highland	5200	-	-	-	-	5200
Dist Comy	9004	-	-	-	-	9004
Pl Grove	1600	-	-	-	-	1600
Totals	26190	1672	1233	2428	44919	76442

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PROVO RESERVOIR WATER USERS COMPANY

SUMMARY

Year Ending September 15, 1950

	Bal Oct 15 1949	Impd	Bot	Sold	Loss	Drft	Bal. Oct 15 1950
Deer Stor	311	191	10386	311	-	10577	0
Head Rivr Stor		4651	247	2325	145	2428	0
Echo Stor		(1919)	-	247	-	1672	-
Webr Rivr		(1233)	-	-	-	1233	-
Totals	311	7994	10633	2883	145	15910	0
		18938			18938		

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MURDOCK CANAL

Daily Discharge In Second Feet of Murdock Canal
Year Ending October 15, 1950.

Day	Apl	May	June	July	Aug	Sept	Oct
1		216.2	270.1	268.3	261.6	208.6	172.5
2		223.8	272.4	275.0	242.5	213.1	171.1
3		214.6	272.4	286.6	236.2	211.6	171.1
4		207.1	270.1	283.3	228.4	211.6	169.7
5		199.7	273.4	283.3	216.2	211.6	101.4
6		199.7	271.0	285.0	219.2	211.6	34.7
7		198.3	262.9	283.3	213.1	211.6	21.0
8		158.8	262.9	283.3	201.2	214.6	21.0
9		45.5	259.6	283.3	196.8	213.6	17.9
10		39.7	248.4	-	198.3	208.6	21.6
11		99.0	254.7	285.0	204.1	208.6	27.7
12		216.0	258.3	290.0	204.1	207.1	27.7
13		226.6	258.3	288.4	204.1	196.4	38.9
14		229.7	263.2	283.3	198.3	196.8	56.0
15		234.5	263.2	281.6	198.3	196.8	57.7
16		236.2	261.6	283.3	196.8	196.8	
17		239.4	259.9	281.6	199.7	196.8	
18	47.7	239.4	255.1	281.6	152.1	198.3	
19	64.5	236.2	253.4	281.6	205.6	199.7	
20	67.3	240.9	253.4	286.6	205.6	199.7	
21	113.0	240.9	253.4	285.0	201.2	198.0	
22	92.4	242.5	260.2	286.6	193.9	192.4	
23	126.4	242.5	260.2	288.4	198.3	193.9	
24	131.4	242.5	270.0	201.7	204.1	180.9	
25	161.4	245.7	276.6	291.7	201.2	168.3	
26	179.3	246.7	266.7	285.0	202.7	168.3	
27	195.1	245.1	266.7	283.3	204.1	168.3	
28	204.1	250.4	268.3	283.3	205.6	167.0	
29	190.9	259.4	269.0	283.3	205.6	167.0	
30	198.3	269.8	-	285.0	205.6	169.7	
31	xx	270.7	xx	283.3	205.6	xx	
Mean Cfs	136.3	214.8	263.3	284.0	206.8	196.3	73.9
Aft	3514	13205	15667	17464	12715	11679	2198

Grand Total 76,442 Acre Feet.

Daily Discharge in Second Feet of Provo Bench Canal April-Oct 1950
1.25' x 14.3' Suppressed Weir and Burnham Submerged Orifice.

	April						May					
	Weir			B	S O	Tot	Weir			B	S O	Tot
	G	Cfs	G	A	Cfs	Cfs	G	Cfs	G	A	Cfs	Cfs
1							184	140.4	5	6	19.0	159.4
2												
3							38	12.0	2 3/4		14.0	26.0
4												
5								0			0	0
6												
7												
8							51	18.5	3		14.7	33.2
9												
10												
11							50	18.0			0	18.0
12	62	25.0	1	6	8.5	33.5						
13							131	81.2			0	81.2
14												
15							160	112.0			0	112.0
16	66	27.5	1/2		6.0	33.5						
17							181	136.7	12		29.3	166.0
18												
19	88	43.1	2		12.0	55.1	184	140.4	12		29.3	169.7
20												
21												
22	144	94.5	4 1/2		18.0	112.5	200	160.7	12		29.3	190.0
23												
24	144	94.5	4 1/2		18.0	112.5	200	160.7	12		29.3	190.0
25												
26	167	120.0	4 3/4		18.5	138.5	200	160.7	12		29.3	190.0
27							196	155.5	12		29.3	184.8
28	92	46.2	4		17.0	63.2						
29	92	46.2	4		17.0	63.2	196	155.5	12		29.3	184.8
30												
31	x	x	x		x	x	196	155.5	12		29.3	184.8
Mean Cfs						76.5						126.0
Aft						2907						7812

Daily Discharge in Second Feet of Provo Bench Canal April-Oct 1950

	June						July					
	Weir		B S O			Tot	Weir		B S O			Tot
	G	Cfs	G	A	Cfs	Cfs	G	Cfs	G	A	Cfs	Cfs
1	196	155.5	12	6	29.3	184.8	192	150.4	12	6	29.3	179.7
2							190	147.9	12		29.3	177.2
3	194	155.9	12		29.3	182.2	189	146.6	12		29.3	175.9
4							170	123.5	2		12.0	135.5
5	196	155.5	12		29.3	184.8	164	116.5	1	3/4	11.2	127.7
6							169	122.3	1	3/4	11.2	133.5
7	196	155.5	12		29.3	184.8	170	123.5	1	3/4	11.2	134.7
8							173	127.0	1	3/4	11.2	138.2
9	189	146.6	12		29.3	175.9	171	124.7	1	3/4	11.2	135.9
10							171	124.7	1	3/4	11.2	135.9
11							170	123.5	1	3/4	11.2	134.7
12	200	160.7	12		29.3	190.0	170	123.4	1	3/4	11.2	134.7
13							170	123.5	1	3/4	11.2	134.7
14	207	169.9	9		25.4	195.3	170	123.4	1	3/4	11.2	134.7
15	207	169.9	9		25.4	195.3	169	122.3	1	3/4	11.2	133.5
16							169	122.3	1	3/4	11.2	133.5
17	200	160.7	12		29.3	190.0	170	123.5	1	3/4	11.2	134.7
18							171	124.7	1	3/4	11.2	135.9
19	192	150.4	12		29.3	179.7	170	123.5	1	3/4	11.2	134.7
20							166	118.8	1	1/2	10.4	129.2
21	190	147.9	12		29.3	177.2	168	121.2	1	3/8	10.0	131.2
22							163	115.4	1	3/8	10.0	125.4
23	204	165.9	12		29.3	195.2	166	118.8	1	1/2	10.4	129.2
24							165	117.7	1	3/8	10.0	127.7
25	192	150.4	12		29.3	179.7	165	117.7	1	3/8	10.0	127.7
26							161	113.1	1	3/8	10.0	123.1
27	188	145.4	12		29.3	174.7	166	118.8	1	3/8	10.0	128.8
28	194	152.9	12		29.3	182.2	167	120.0	1	3/8	10.0	130.0
29	194	152.9	12		29.3	182.2	171	124.7	1	3/8	10.0	134.7
30	192	150.4	12		29.3	179.7	172	125.8	1	3/8	10.0	135.8
31	x	x	x		x	x	170	123.5	1	3/8	10.0	133.5
Mean Cfs						184.3						136.8
Aft						11058						8482

Daily Discharge in Second Feet of Provo Bench Canal April-Oct 1950

	August							September						
	Weir		B S O				Tot	Weir		B S O			Tot	
	G	Cfs	G		A	Cfs	Cfs	G	Cfs	G		A	Cfs	Cfs
1	167	120.0	1	3/8	6	10.0	130.0	161	113.1	1	3/8	6	10.0	123.1
2	167	120.0	1	3/8		10.0	130.0	165	117.7	1	3/8		10.0	127.7
3	166	118.8	1	3/8		10.0	128.8	164	116.5	1	3/8		10.0	126.5
4	166	118.8	1	3/8		10.0	128.8	164	116.5	1	3/8		10.0	126.5
5	166	118.8	1	3/8		10.0	128.8	164	116.5	1	3/8		10.0	126.5
6	166	118.8	1	3/8		10.0	128.8	-	107.6	1	3/8		10.0	117.6
7	166	118.8	1	3/8		10.0	128.8	143	93.4	1	3/4		11.2	104.6
8	167	120.0	2	3/4		14.0	134.0	146	96.6	3	5/8		16.1	112.7
9	167	120.0	2	3/4		14.0	134.0	150	100.9	3	5/8		16.1x	117.0
10	169	122.3	2	3/4		14.0	136.3	148	98.7	12			29.3	128.0
11	170x	123.5	2	3/4		14.0	137.5	148	98.7	12			29.3	128.0
12	167	120.0	2	3/4		14.0	134.0	151	102.0	12			29.3	131.3
13	167	120.0	2	3/4		14.0	134.0	152	103.1	12			29.3	134.4
14	166	118.8	2	3/4		14.0	132.8							
15	164	116.5	1	3/8		10.0	126.5	162	114.2	12			29.3	143.5
16	165	117.7	1	3/8		10.0	127.7							
17	166	118.8	1	3/8		10.0	128.8	170	123.5	3	3/8		15.6	139.1
18														
19	169	122.3	1	1/4		9.5	131.8	170	123.5	3	3/8		15.6	139.1
20	164	116.5	1	3/8		10.0	126.5							
21	164	116.5	1	1/4		9.5	126.0	134	84.2	12			29.3	113.5
22	165	117.7	1	3/8		10.0	127.7							
23	165	117.7	1	3/8		10.0	127.7	84	40.0	12			29.3	69.3
24	167	120.0	1	3/8		10.0	130.0							
25	167	120.0	1	3/8		10.0	130.0	105	57.0	12			29.3	86.3
26	167	120.0	1	3/8		10.0	130.0							
27	165	117.7	1	3/8		10.0	130.0	120	70.5	12			29.3	99.8
28	165	117.7	1	3/8		10.0	127.7							
29	165	117.7	1	3/8		10.0	127.7	123	73.4	12			29.3	102.7
30	164	116.5	1	3/8		10.0	126.5							
31	166	118.8	1	3/8		10.0	128.8	x	x	x			x	x
Mean Cfs							129.9							118.8
Aft							8054							7128

Daily Discharge in Second Feet of Provo Bench Canal April-Oct 1950

	October					
	Weir			B S O		Tot
	G	Cfs	G	A	Cfs	Cfs
1						
2	100	52.8	10	6	26.8	79.6
3						
4						
5						
6						
7	43	28.6	6		20.8	49.4
8						
9						
10						
11						
12	108	59.6	9		25.4	85.0
13						
14						
14						
15	115	65.9			0	65.9
Mean Cfs						70.0
Aft						2100

Total April-October 47,541 Acre Feet.

Daily Discharge in Second Feet of Olmsted Flume. For Year 1950
Rating Station near head of flume with recorder.

Day	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
1	309	326	330	334	334	330	336	246	264	242	218	326
2	320	321	332	334	335	327	333	246	266	241	228	326
3	331	324	332	333	335	328	319	246	264	241	235	329
4	329	326	331	333	334	330	283	249	264	241	235	331
5	331	329	331	333	332	331	265	244	262	236	235	337
6	328	334	330	332	333	325	281	255	238	232	234	331
7	330	333	330	335	333	326	277	247	238	232	233	337
8	332	333	331	336	333	330	274	255	245	229	235	336
9	335	333	331	337	337	326	264	261	238	228	236	334
10	331	335	330	336	338	309	263	261	233	226	236	331
11	332	336	331	337	335	279	268	258	240	240	235	330
12	330	333	329	335	338	261	263	255	236	237	236	330
13	331	331	330	335	335	60	264	252	228	236	236	329
14	334	332	330	336	334	0	264	251	228	235	239	331
15	330	331	312	335	332	0	261	251	227	238	231	332
16	331	331	310	335	333	0	265	261	226	238	229	327
17	332	332	330	335	331	79	266	261	226	238	229	326
18	336	331	330	334	321	319	264	246	224	240	242	327
19	334	331	331	336	326	333	262	250	224	239	268	327
20	331	332	331	335	336	336	260	246	225	238	249	327
21	332	332	329	334	335	330	256	251	229	234	264	326
22	335	333	329	337	337	333	253	253	233	235	245	323
23	336	334	329	337	335	338	251	257	235	236	238	323
24	333	333	329	337	330	315	248	257	234	236	235	323
25	333	334	333	336	328	291	247	256	238	237	256	323
26	328	333	334	337	330	288	259	253	239	235	292	322
27	304	334	335	335	328	333	270	252	239	233	305	328
28	330	333	336	336	330	335	273	248	241	232	326	338
29	327	x	332	335	330	335	274	251	329	239	326	339
30	327	x	335	335	331	336	269	254	240	234	326	340
31	325	x	333	x	331	x	257	252	x	230	x	340
		9280		10055		8163		7836		7308		10229
Tot	10207		10226		10310		8389		7163		7538	
Mn	329	331	330	335	333	272	271	253	239	236	251	330
		18406		19944		16191		15543		14495		20289
Aft	20245		20283		20450		16640		14208		14951	

Grand Total 211,645 Acre Feet.

Daily Discharge in Second Feet of Timpanogus Canal Company Canal
Nine-Foot Burnham Submerged Orifice. April-Oct 1950

	April			May			June			July		
	G	A	Cfs	G	A	Cfs	G	A	Cfs	G	A	Cfs
1				3/4	6	7.5	6 3/8	6	21.4	3 1/2	6	15.8
2										4		17.0
3				3/4		7.5	4 5/8		18.2	3 7/8		16.7
4										3 3/8		15.6
5				1/4		4.3	3 1/2		15.8	2 7/8		14.3
6										3 1/8		15.0
7							2 3/8		13.1	3 7/8		14.3
8				1/4		4.3				3		14.7
9							2 1/2		13.4	2 1/2		13.4
10										3 1/8		15.0
11				1/4		4.3				3 1/2		15.8
12							2 5/8		13.7	3		14.7
13				1/4		4.3				3		14.7
14							2 7/8		14.3	3		14.7
15				1 1/8		9.0	3 1/4		15.3	3 1/8		15.0
16										2 1/4		12.7
17				3/4		7.5	2 3/8		13.1	3		14.7
18	= = = = = =									2 5/8		13.7
19	2 1/4	6	12.7	3/4		7.5	3		14.7	2 1/2		13.4
20										2 3/8		13.1
21							2 1/2		13.4	2 3/4		14.0
22	3/4		7.5	1 1/4		9.5				2 5/8		13.7
23							3		14.7	2 5/8		13.7
24	3/4		7.5	3 1/4		15.3				2 1/2		13.4
25							4 3/4		18.5	2 5/8		13.7
26	1/4		4.3	1 7/8		11.6				2 1/2		13.4
27				5		19.0	2 1/4		12.7	2 3/4		14.0
28	3/4		7.5				3		14.7	2 3/4		14.0
29	3/4		7.5	4 1/4		17.5	3 3/4		16.4	2 7/8		14.3
30							3 1/2		15.8	2 7/8		14.3
31	x		x	3 7/8		16.7	x		x	2 7/8		14.3
Mean Cfs			7.8			9.7			15.2			14.4
Aft			187			601			912			893

Daily Discharge in Second Feet of Timpanogus Canal Company Canal
April-Oct 1950

	August			September			October		
	G	A	Cfs	G	A	Cfs	G	A	Cfs
1	3	6	14.7	2 1/2	6	13.4			
2	2 5/8		13.7	2 1/2		13.4	1	6	8.5
3	2 1/2		13.4	2 1/2		13.4			
4	2 5/8		13.7	2 1/2		13.4			
5	2 3/8		13.1	2 1/2		13.4			
6	2 3/8		13.1	2 1/2		13.4			
7	2 3/8		13.1	2 1/2		13.4	1		8.5
8	2 1/4		12.7	2 1/2		13.4			
9	2 5/8		13.7	2 1/2		13.4			
10	2 3/4		14.0	2 1/2		13.4			
11	2 3/4		14.0	2 3/8		13.1			8.5
12	2 3/4		14.0				1		
13	2 3/4		14.0	2 1/4		12.7			
14	2 3/4		14.0						
15	2 3/4		14.0	2 1/4		12.7	7/8		6.0
16	2 7/8		14.3				= = = = = = =		
17	2 7/8		14.3	2		12.0			
18									
19	2 1/2		13.4			12.0			
20	2 1/2		13.4						
21	2 1/4		12.7	1 3/4		11.2			
22	2 1/2		13.4						
23	2 3/8		13.1	2		12.0			
24	2 1/4		12.7						
25	2 1/4		12.7	2		12.0			
26	2 1/2		13.4						
27	2 1/2		13.4	2		12.0			
28	2 1/2		13.4						
29	2 1/4		12.7	1 1/2		10.4			
30	2 1/2		13.4						
31	2 1/2		13.4	x		x			
Mean Cfs			13.5			12.7			7.9
Aft			837			762			237

Grand Total April-October 4,429 Acre Feet.

Daily Discharge in Second Feet of Upper East Union Canal
1' x 7' Suppressed Weir April-October 1950

	April		May		June		July		August		September		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			74	16.4	91	22.8	82	19.3	68	14.4	67	14.1		
2							80	18.6	68	14.4	72	15.8	46	7.9
3			84	20.1	98	25.7	83	19.7	67	14.1	70	15.0		
4	17	1.9					75	16.8	67	14.1	70	15.0		
5			76	17.2	84	20.1	71	15.4	67	14.1	71	15.4		
6							76	17.2	67	14.1	67	14.1		
7		0.5			78	17.8	74	16.4	68	14.4	68	14.1	43	7.1
8			61	12.2			74	16.4	68	14.4	69	14.8		
9					94	24.0	72	15.8	67	14.1	70	15.0		
10							72	15.8	68	14.4	57	11.0		
11			45	7.6			73	16.1	68	14.4	72	15.8		
12	10	0.9			93	23.6	72	15.8	68	14.4			46	7.9
13			57	11.0			72	15.8	68	14.4	75	16.8		
14					96	24.8	69	14.8	68	14.4				
15			70	15.0	94	23.6	69	14.8	67	14.1	69	14.8	48	8.4
16	14	1.4					68	14.4	70	15.0			= =	= =
17			70	15.0	87	21.3	72	15.8	68	15.8	63	12.8		
18							71	15.4						
19		0.9	68	14.4	90	22.4	71	15.4	70	15.0	60	11.8		
20							69	14.8	67	14.1				
21					90	22.4	68	14.4	69	14.8	64	13.2		
22	43	7.1	64	13.2			68	14.4	69	14.8				
23					90	22.4	65	13.4	69	14.8	63	12.8		
24	58	11.3	84	20.1			67	14.1	69	14.8				
25					83	19.7	66	13.8	69	14.8	63	12.8		
26	62	12.5	64	13.2			66	13.8	68	14.4				
27			87	21.3			66	13.8	68	14.4	63	12.8		
28	78	17.8			76	17.2	68	14.4	69	14.8				
29	78	17.8	87	21.3	84	20.1	68	14.4	69	14.8	63	12.8		
30					82	19.3	68	14.4	69	14.8				
31	x	x	80	18.6	x	x	68	14.4	68	14.4	x	x		
Mean Cfs		7.2		15.8		21.7		15.5		14.5		14.0		7.8
Aft		432		980		1302		961		899		840		234

Grand Total April-October 5,648 Acre Feet.

Daily Discharge in Second Feet Of City Creek. April-Oct 1950
1' x 7' Suppressed Weir.

	April		May		June		July		August		Sept		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			80	18.6	130	40.4	66	13.8	51	9.2	50	9.0		
2							70	15.0	50	9.0	53	9.8	93	23.6
3			90	22.4	130	40.4	74	16.4	50	9.0	52	9.5		
4	16	1.7					57	11.0	50	9.0	52	9.5		
5			98	25.7	94	24.0	54	10.1	51	9.2	52	9.5		
6							57	11.0	51	9.2	50	9.0		
7	58	11.3			66	13.8	59	11.6	51	9.2	51	9.2	80	18.6
8			110	30.9			57	11.0	51	9.2	51	9.2		
9					82	19.3	56	10.7	50	9.0	53	9.8		
10							57	11.0	51	9.2	75	16.8		
11			84	20.1			55	10.4	51	9.2	56	10.7		
12	45	7.6			107	29.5	56	10.7	51	9.2			61	12.2
13			64	13.2			55	10.4	51	9.2	57	11.0		
14					118	34.6	53	9.8	51	9.2				
15			70	15.0	127	38.9	53	9.8	50	9.0	53	9.8	71	15.4
16	63	12.8					53	9.8	52	9.5			= =	= =
17			67	14.1	104	38.2	55	10.4	51	9.2	63	12.8		
18							55	10.4						
19	-	0	84	20.1	93	23.6	56	10.7	53	9.8	55	10.4		
20							53	9.8	50	9.0				
21					92	23.2	52	9.5	50	9.0	73	16.1		
22	53	9.8	97	25.3			52	9.5	51	9.2				
23					94	24.0	50	9.0	50	9.0	79	18.2		
24	88	21.6	100	26.5			50	9.0	51	9.2				
25					83	19.7	49	8.7	51	9.2	79	18.2		
26	86	20.9	68	14.4			48	8.4	50	9.0				
27			120	35.5			50	9.0	50	9.0	79	18.2		
28	86	20.9			63	12.8	51	9.2	51	9.2				
29	86	20.9	130	40.4	68	14.4	51	9.2	51	9.2	79	18.2		
30					67	14.0	51	9.2	51	9.2				
31	x	x	130	40.4	x	x	51	9.2	50	9.0	x	x		
Mean Cfs		12.8		24.2		24.0		10.4		9.2		12.2		17.4
Aft		768		1500		1500		645		570		732		522

Grand Total April-October 6,237 Acre Feet.

Daily Discharge in Second Feet of West Union Canal April-Oct 1950
1' x 12' Suppressed Weir

	April		May		June		July		August		Sept		Oct	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			41	11.4	88	37.1	87	36.5	71	26.4	70	25.8		
2							87	36.5	72	27.0	75	28.8	37	9.7
3			47	13.9	96	42.6	88	37.1	70	25.8	74	28.2		
4	34	8.6					77	30.0	71	26.4	74	28.2		
5			30	7.1	80	31.9	72	27.0	72	27.0	73	27.6		
6							78	30.6	72	27.0	70	25.8		
7	40	10.9			87	36.5	79	31.2	74	28.2	70	25.8	est	1.0
8			36	9.4			78	30.6	70	25.8	71	26.4		
9					87	36.5	78	30.6	72	27.0	72	27.0		
10							77	30.0	72	27.0	59	19.8		
11							76	29.4	72	27.0	58	19.3		
12	40	10.9			93	40.4	77	30.0	72	27.0			36	9.4
13			37	9.7			76	29.4	72	27.0	46	13.6		
14					83	33.8	75	28.8	71	26.4				
15			48	14.4	84	34.4	75	28.8	70	25.8	42	11.8	est	1.0
16	40	10.9					75	28.8	74	28.2				
17			62	21.4	84	34.4	78	30.6	74	28.2	32	7.8		
18							77	30.0						
19	40	10.9	59	19.8	82	33.1	78	30.6	77	30.0	48	14.4		
20							75	28.8	72	27.0				
21					80	31.9	74	28.2	71	26.4	71	26.4		
22	54	17.3	69	25.3			72	27.0	74	28.2				
23					80	31.9	74	28.2	72	27.0	66	23.6		
24	49	14.9	70	25.8			72	27.0	72	27.0				
25					87	36.5	72	27.0	74	28.2	56	18.4		
26	49	14.9	78	30.6			71	26.4	71	26.4				
27			87	36.5			74	28.2	71	26.4	38	10.1		
28	50	15.4			76	29.4	74	28.2	72	27.0				
29	50	15.4	76	29.4	90	38.4	74	28.2	72	27.0	38	10.		
30					92	39.2	74	28.2	72	27.0				
31	x	x	86	35.8	x	x	72	27.0	72	27.0	x	x		
Mean Cfs		13.0		20.7		35.5		29.6		27.1		20.9		5.3
Aft		780		1283		2130		1835		1680		1254		159

Grand Total April-October 9, 121 Acre Feet.

Daily Discharge in Second Feet of Park & Nuttal and Barton & Young Ditches
2 Foot Parshalls. April-Oct 1950

	April		May		June		July		August		September		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1				0	72	4.8	80	5.7		0	65	4.1		
2							80	5.7		0		0	50	2.7
3				0	66	4.2	80	5.7	68	4.4		0		
4							68	4.4	70	4.6		0		
5				0	107	8.9	65	4.1	70	4.6		0		
6							72	4.8	76	5.2		0		
7					107	8.9	73	4.9	80	5.7	67	4.3	32	1.4
8				0				0		0	67	4.3		
9					90	6.8		0		0	67	4.3		
10							36	1.6		0				
11							76	5.2		0		0		
12					100	8.0	74	5.0	70	4.6				0
13			34	1.5			74	5.0	67	4.3		0		
14					105	8.6	70	4.6	69	4.5				
15	=	=	34	1.5	104	8.5	68	4.4	67	4.3	42	2.1	61	3.7
16	56	3.3					68	4.4	70	4.6			=	=
17			70	4.6	104	8.5		0		0	74	5.0		
18								0		0				
19	47	2.5	62	3.8	104	8.5		0		0	66	4.2		
20							40	1.9		0				
21					80	5.7	73	4.9	67	4.3		0		
22	64	4.0	69	4.5			74	5.0	70	4.6				
23					74	5.0		0	67	4.3	85	6.2		
24	75	5.1	70	4.6				0	70	4.6				
25					72	4.8		0		0	60	3.6		
26	76	5.2	80	5.7				0		0				
27			90	6.8			74	5.0	66	4.2	59	3.5		
28	76	5.2			85	6.2	70	4.6		0				
29	76	5.2	71	4.7	95	7.4	74	5.0		0		0		
30					95	7.4	74	5.0	67	4.3				
31	x	x	68	4.4	x	x		0	67	4.3	x	x		
Mean Cfs		4.4		3.0		7.0		3.1		2.5		2.2		2.0
Aft		132		186		420		192		155		132		60

Grand Total April-October 1,277 Acre Feet.

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race. April-Oct 1950. Union Canal 1.5' x 8' Supp. Weir Factory Race 1' x 12' Supp. Weir; City Race 1' x 8' Supp. Wier; Tanner Race 6' Rectangular Weir.

April 1950:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1									
2									
3									
4	-	00	29	6.7		0		0	
5									
6	= = = =		= = = = =		= = = =		= = = =		
7	26	3.8	33	8.2		0	47	6.3	18.3
8									
9									
10									
11									
12	73	17.8	30	7.1	19	2.4	38	4.6	31.9
13									
14									
15									
16	57	12.2	42	11.8		0	55	8.0	32.0
17									
18									
19	68	15.9	36	9.4	19	2.4	54	7.8	35.5
20									
21									
22	70	16.6	34	8.6	18	2.3	62	9.6	37.1
23									
24	70	16.6	34	8.6	20	2.6	56	8.2	36.0
25									
26	76	18.9	35	9.0	20	2.6	50	7.0	37.5
27									
28	98	28.1	43	12.2	40	7.3	65	10.2	57.8
29	77	19.3	29	6.7	25	3.6	57	8.4	38.0
30									
31	x	x	x	x	x	x	x	x	x
Mean				8.9					36.0
Aft				534					1728

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

May 1950:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1	82	21.3	36	9.4	12	1.1	54	7.8	49.6
2									
3	93	25.8	43	12.2	20	2.6	66	10.5	51.1
4									
5	76	18.9	37	9.7	12	1.1	63	9.8	39.5
6									
7									
8									
9	50	10.0	46	13.6	10	1.0	53	7.6	32.2
10									
11	73	17.8	31	7.4	10	1.0	44	5.8	32.0
12									
13	75	18.6	36	9.4	10	1.0	57	8.4	37.4
14									
15	68	15.9	30	7.1	10	1.0	50	7.0	31.0
16									
17	87	23.3	36	9.4	30	4.7	57	8.4	45.8
18									
19	84	22.1	34	8.6	26	3.8	56	8.2	42.7
20									
21									
22	87	23.3	43	12.2	31	5.0	56	8.2	48.7
23									
24	91	25.0	40	10.9	30	4.7	55	8.0	48.6
25									
26	100	29.0	40	10.9	30	4.7	54	7.8	52.4
27	98	28.1	40	10.9	25	3.6	54	7.8	50.4
28									
29	96	27.2	49	14.9	22	3.0	46	6.1	51.2
30									
31	93	25.8	45	13.1	30	4.7	63	9.8	53.4
Mean				10.6					44.4
Aft				657					2753

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

June 1950:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1	96	27.2	40	10.9	30	4.7	58	8.7	51.5
2									
3	105	31.3	43	12.2	33	5.4	53	7.6	56.5
4									
5	105	31.3	47	13.9	36	6.2	54	7.8	59.2
6									
7	102	29.9	45	13.1	30	4.7	54	7.8	55.5
8									
9	105	31.3	46	13.6	30	4.7	56	8.2	57.8
10									
11									
12	94	26.3	48	14.4	27	4.1	64	10.0	54.8
13									
14	93	25.8	44	12.6	30	4.7	61	9.3	52.4
15	90	24.6	46	13.6	22	3.0	66	10.5	51.7
16									
17	93	25.8	46	13.6	25	3.6	60	9.1	52.1
18									
19	87	23.3	48	14.4	25	3.6	56	8.2	49.5
20									
21	78	19.7	46	13.6	28	4.2	60	9.1	46.6
22									
23	90	24.6	45	13.1	30	4.7	58	8.7	51.1
24									
25	90	24.6	44	12.6	34	5.8	60	9.1	52.1
26									
27	96	27.2	42	11.8	27	4.1	57	8.4	51.5
28	73	17.8	31	7.4	25	3.6	54	7.8	36.6
29	100	29.0	47	13.9	30	4.7	60	9.1	56.7
30	98	28.1	39	10.6	30	4.7	64	10.0	53.4
31	x	x	x	x	x	x	x	x	x
Mean				12.7					52.3
Aft				762					3138

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

July 1950:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1	88	23.8	42	11.8	34	5.8	64	10.0	51.4
2									
3	77	19.3	35	9.0	30	4.7	62	9.6	42.6
4	89	24.2	45	13.1	38	6.7	63	9.8	44.8
5	88	23.8	37	9.7	27	4.1	62	9.6	47.2
6	96	27.2	40	10.9	30	4.7	64	10.0	52.8
7	96	27.2	36	9.4	30	4.7	65	10.2	51.5
8	80	20.4	36	9.4	30	4.7	65	10.2	44.7
9	80	20.4	35	9.0	30	4.7	61	9.3	43.4
10	76	18.9	38	10.1	35	6.0	63	9.8	44.8
11	72	17.4	35	9.0	28	4.2	54	7.8	40.4
12	79	20.1	42	11.8	32	5.2	52	7.4	44.5
13	80	20.4	44	12.6	34	5.8	60	9.1	47.9
14	78	19.7	44	12.6	34	5.8	57	8.9	47.0
15	75	18.6	42	11.8	34	5.8	57	8.4	44.6
16	76	18.9	40	10.9	25	3.6	65	10.2	43.6
17	77	19.3	35	9.0	28	4.2	65	10.2	42.7
18	72	17.4	31	7.4	23	3.2	69	11.2	39.2
19	85	22.5	30	7.1	29	4.5	66	10.5	44.6
20	87	23.3	31	7.4	29	4.5	59	8.9	44.1
21	82	21.3	33	8.2	30	4.7	54	7.8	42.0
22	80	20.4	33	8.2	30	4.7	60	9.1	42.4
23	80	20.4	34	8.6	30	4.7	66	10.5	44.2
24	80	20.4	41	11.4	30	4.7	62	9.6	46.1
25	81	20.9	32	7.8	30	4.7	64	10.0	43.4
26	80	20.4	34	8.6	30	4.7	61	9.3	43.0
27	80	20.4	35	9.0	32	5.2	67	10.7	45.3
28	80	20.4	35	9.0	25	3.6	63	9.8	42.8
29	77	19.3	35	9.0	30	4.7	66	10.5	43.5
30	80	20.4	35	9.0	28	4.2	63	9.8	43.4
31	80	20.4	35	9.0	28	4.2	62	9.6	43.2
Mean Cfs				9.6					45.0
Aft				595					2790

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

August 1950

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1	81	20.9	35	9.0	28	4.2	60	9.1	43.2
2									
3	77	19.3	34	8.6	29	4.5	60	9.1	41.5
4									
5	80	20.4	38	10.1	30	4.7	56	8.2	43.4
6									
7	80	20.4	40	10.9	30	4.7	61	9.3	45.4
8	94	26.3	34	8.6	28	4.2	59	8.9	48.0
9	94	26.3	34	8.6	28	4.2	61	9.3	48.4
10	94	26.3	34	8.6	40	7.3	60	9.1	51.3
11	70	16.6	49	14.9	30	4.7	65	10.2	46.4
12	75	18.6	42	11.8	30	4.7	57	8.4	43.5
13	80	20.4	32	7.8	30	4.7	54	7.8	40.7
14	80	20.4	33	8.2	27	4.1	57	8.4	41.1
15	81	20.9	33	8.2	29	4.5	52	7.4	41.0
16	85	22.5	34	8.6	29	4.5	57	8.4	44.0
17	80	20.4	34	8.6	32	5.2	61	9.3	43.5
18									
19	75	18.6	41	11.4	30	4.7	62	9.6	44.3
20	75	18.6	40	10.9	30	4.7	59	8.9	43.1
21	79	20.1	44	12.6	30	4.7	59	8.9	44.3
22	76	18.9	43	12.2	33	5.4	58	8.7	45.2
23	76	18.9	44	12.6	28	4.2	56	8.2	43.9
24	76	18.9	44	12.6	28	4.2	62	9.6	45.3
25	76	18.9	43	12.2	32	5.2	60	9.1	45.4
26	75	18.6	42	11.8	27	4.1	52	7.4	41.9
27	76	18.9	40	10.9	30	4.7	55	8.0	42.5
28	76	18.9	40	10.9	30	4.7	58	8.7	43.2
29	81	20.9	37	9.7	24	3.4	56	8.2	42.2
30	83	21.7	36	9.4	33	5.4	56	8.2	44.7
31	85	22.5	40	10.9	31	5.0	56	8.2	46.6
Mean				10.4					44.2
Aft				645					2740

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

September 1950:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1									
2	89	24.2	38	10.1	29	4.5	59	8.9	47.7
3	89	24.2	37	9.7	29	4.5	56	8.2	46.6
4	89	24.2	38	10.1	30	4.7	54	7.8	46.8
5									
6	86	22.9	35	9.0	33	5.4	55	8.0	45.3
7	88	23.8	38	10.1	33	5.4	54	7.8	47.1
8	89	24.2	38	10.1	34	5.8	55	8.0	48.1
9	85	22.5	36	9.4	32	5.2	54	7.8	44.8
10									
11	77	19.3	40	10.9		0	40	5.0	35.2
12									
13	62	13.8	49	14.9	10	1.0	44	5.8	35.5
14									
15	54	11.2	46	13.6	10	1.0	46	6.1	31.9
16									
17	54	11.2	46	13.6	10	1.0	47	6.3	32.1
18									
19	56	11.8	48	14.4	10	1.0	45	5.9	33.1
20									
21	60	13.1	46	13.6	10	1.0	48	6.5	34.2
22									
23	60	13.1	46	13.6	10	1.0	54	7.8	35.5
24									
25	50	10.0	49	14.9	24	3.4	54	7.8	36.1
26									
27	54	11.2	51	15.8	14	1.6	54	7.8	36.4
28									
29	54	11.2	53	16.8	12	1.3	50	7.0	36.3
30									
31	x	x	x	x	x	x	x	x	x
Mean Cfs				12.4					39.6
Aft				744					2376

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race.

October 1950:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1									
2	56	11.8	38	10.1	12	1.3	56	8.2	31.4
3									
4									
5									
6									
7	30	4.7	34	8.6		0	44	5.8	19.1
8									
9									
10									
11									
12	51	10.3	33	8.2		0	48	6.5	25.0
13									
14									
15	54	11.2	33	8.2		0	47	6.3	25.7

Mean Cfs 25.3

Aft 759

Grand Total April-October 16,284 Acre Feet.

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Daily Discharge in Second Feet of Little Dry Creek Canal
Three Foot Parshall April-Oct 1950

	April		May		June		July		August		September		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			75	7.6	114	14.7	104	12.8	92	10.5				
2											93	10.7	68	6.6
3			92	10.5	114	14.7	108	13.5	88	9.8	94	10.9		
4							100	12.0			93	10.7		
5			96	11.3	94	10.9	90	10.2	74	7.5				
6							100	12.0			72	7.20		
7					100	12.0	104	12.8	84	9.1	86	9.5	92	10.5
8							100	12.0	70	6.9	92	10.5		
9				11.3	110	13.9	100	12.0	83	9.0	85	9.3		
10							100	12.0	83	9.0				
11			96	11.3			85	9.3	89	10.0	88	9.8		
12					94	10.9	84	9.1	81	8.6			83	9.0
13			94	10.9			87	9.6			82	8.8		
14					104	12.8	82	8.8	84	9.1				
15	=	=	105	13.0	107	13.3	75	7.6	57	5.0	83	9.0	86	9.5
16	84	9.0					82	8.8	83	9.0			=	=
17			84	9.1	108	13.5	83	9.0	83	9.0	96	11.3		
18							92	10.5						
19	72	7.2	70	6.9	88	9.8	92	10.5	87	9.6	96	11.3		
20							76	7.8	74	7.5				
21					103	12.6	75	7.6	74	7.5	96	11.3		
22	94	10.9	76	7.8			69	6.7	67	6.4				
23					114	14.7	84	9.1	81	8.6	100	12.0		
24			100	12.0			84	9.1	86	9.5				
25					100	12.0	83	9.0	80	8.5	100	12.0		
26	78	8.1	96	11.3			75	7.6						
27			94	10.9	104	12.8	93	10.7	73	7.3	92	10.5		
28					90	10.2	83	9.0	83	9.0				
29	73	7.3	112	14.3	118	15.6	91	10.4	77	8.0	93	10.7		
30					107	13.3	92	10.5	73	7.3				
31	x	x	114	14.7	x	x	92	10.5	68	6.6	x	x		
Mean Cfs		8.5		10.8		12.8		10.0		8.3		10.3		8.9
Aft		255		697		768		620		515		618		267

Grand Total April-October 3, 740 Acre Feet

Daily Discharge in Second Feet of Fort Field Canal
Two Foot Parshall May-Oct 1950

	May		June		July		August		September		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			79	5.6	97	7.6	86	6.3				
2									86	6.3		
3			72	4.8	107	8.9	87	6.4	87	6.4		
4					97	7.6			86	6.3		
5			86	6.3	97	7.6	92	7.0				
6					86	6.3			77	5.3		
7			80	5.7	95	7.4	89	6.7	78	5.4	46	2.4
8					95	7.4	91	6.9	79	5.6		
9			84	6.1	89	6.7	87	6.4	80	5.7		
10					90	6.8	82	5.9				
11					110	9.3	91	6.9	33	1.4		
12			114	9.8	86	6.3	92	7.0			42	2.1
13					87	6.4			70	4.6		
14			100	8.0	86	6.3	73	4.9				
15			86	6.3	70	4.6	50	2.7	72	4.8	81	5.8
16					77	5.3	68	4.4			= =	= =
17			94	7.3	80	5.7	72	4.8	82	5.9		
18					104	8.5						
19			87	6.4	100	8.0	82	5.9	76	5.2		
20					74	5.0	74	5.0				
21			100	8.0	53	3.0	66	4.2	82	5.9		
22					67	4.3	63	3.9				
23			118	10.3	75	5.1	76	5.2	39	1.9		
24					71	4.7	76	5.2				
25					73	4.9	72	4.8	45	2.3		
26	= =	= =			70	4.6						
27	72	4.8	54	3.1	79	5.6	87	6.4	50	2.7		
28			82	5.9	79	5.6	86	6.3				
29	100	8.0	94	7.3	88	6.6	83	6.0	50	2.7		
30			96	7.5	98	7.8	78	5.4				
31	79	5.6	x	x	98	7.8	82	5.9	x	x		
Mean Cfs		6.1		6.8		6.4		5.6		4.6		3.4
Aft		61		408		397		347		276		102

Grand Total May-Oct 1, 591 Acre Feet

Daily Discharge in Second Feet of Lake Bottom Canal May-September 1950
Six Foot Burnham Submerged Orifice.

	May			June			July			August			September		
	G	A	Cfs	G	A	Cfs	G	A	Cfs	G	A	Cfs	G	A	Cfs
1			5.5	2	3/4	8 18.7									
2															
3															
4															
5															
6													2	6	12.0
7										1	8	11.3			
8	1	8	11.3				2	8	16.0						
9				1	1/2	13.9									
10															
11															
12															
13													1	5/8	10.8
14										1	1/8	12.0			
15				2	1/2	17.9	3/4		9.8						
16															
17	3/4		10.0				3/4		9.8						
18															
19															
20															
21														7/8	8.0
22										1	1/8	12.0			
23				1	5/8	13.9				2		12.0			
24	1		11.3				1	3/8	13.3						
25															
26															
27										2	1/4	6 12.7			
28															
29														Ap	3.0
30				1	3/4	14.9	1	1/2	13.9	2		12.0			
31				x		x								x	x
Mean Cfs			9.5			15.9			13.6			12.0			8.4
Aft			589			954			843			744			504

Grand Total May-September 3, 634 Acre Feet.

Daily Discharge in Second Feet of Spring Creek Users.
April-September 1950.

	April	May	June	July	Aug	Sept
1		5.6	5.0			
2						
3						
4						
5						
6						5.2
7					6.3	
8		2.0		4.2		
9			5.2			= = =
10						
11						
12						
13						
14					4.3	
15			2.7	1.9		
16						
17		4.2		6.6		
18	= = =					
19	4.6					
20						
21						
22					4.3	
23			6.3			
24		2.7		5.9		
25						
26						
27						
28						
29						
30			3.5	2.6	6.6	
31	x		x			x
Mean Cfs	4.6	3.6	4.5	4.2	5.4	5.2
Aft	110	223	270	260	335	83

Grand Total April-September 1, 281 Acre Feet.

GENEVA STEEL COMPANY
SUMMARY
Oct 15, 1949 To Oct 15, 1950
Pumping Plant To Geneva Steel Plant
Sparling Meter

Date	Sheet	Meter 1159p	10M Gal	16226 Aft	Deer Stor Aft	Total Aft
1949						
Oct 15	G13	571835				
31	G13	576438	4603	141	-	141
Nov 30	G13	589909	13471	413		554
Dec 31	G13	615744	25835	790		1344
1950						
Jan 31	G1-50	637862	22118	679		2023
Feb 28	G1	657287	18425	565		2588
Mar 31	G2	684486	28199	865		3453
Apl 30	G3	701846	17360	533		3986
May 31	G4	724567	22721	697		4683
Jun 30	G5	748390	23823	731		5414
Jly 15	G6	756330	7940	35	209	5658
Jly 31	G7	768779	12449	-	382	6040
Aug 15	G8	784225	15446		474	6514
Aug 31	G9	797080	12855		394	6908
Sep 15	G10	813896	16816	341	175	7424
Sep 30	G11	825525	11629	357	-	7781
Oct 15	G12	835415	9890	303		8084
Totals				6540	1634	8084

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Lost Creek Waters To
Provo City Waterworks

Date 1950	Time	Cfs	Aft
Jun 21	500p	1.77	1.0
22	1100a	1.77-2.46	3.3
23-30		2.46	39.2
Jly 1-5		2.46	4.6
6	600p	2.46-0	3.7
12	900a	3.12	3.9
13-17		3.12	31.2
18-19		3.22	12.8
20-27		2.11	33.8
28 M		2.11-1.02	3.1
29-31		1.02	6.1
Aug 1-10		1.02	20.4
11	330p	1.02-2.46	3.0
12-14		2.64	15.8
15	545p	2.64-2.02	4.9
16-17		2.02	8.1
18		2.46	4.9
19-23		2.02	20.2
24-31		1.77	28.3
Sep 1-2		2.02	8.1
3-8		1.77	21.2
9	500p	1.77-0	1.0
21-23		2.02	12.1
24-26		2.09	12.5
27-30		1.94	15.5
Oct 1-4		1.94	15.5
5	400p	1.94-1.14	3.4
6	1130a	1.14-1.94	3.1
7		1.94	3.9
8	1030a	1.94-0	1.7
Total			366.3

Bridal Veil Falls Waters
To Provo City Waterworks

Date 1950	Time	Cfs	Aft
Jly 12	800p	1.21	0.4
13-17		1.21	12.1
18	1100a	0.73-0	0.7
Total			13.2

Daily Discharge in Second Feet of Provo City Waterworks
Year Ending October 31, 1950.
Venturi Meters. Readings every Friday.

Day	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct
1												
2		8.284						14.515			14.865	
3				6.677	7.335							
4	8,745									13.502		
5							9.431					
6			7.280									9.732
7						7.744			14.973			
8												
9		9.206						12.972			13.702	
10	8.478			6.259	7.412							
11												
12										14.392		
13			7.080				7.932					
14												11.189
15						7.902			10.685			
16		8.448						15.560			7.972	
17				7.761	7.779							
18	8.601									14.862		
19							10.232					
20			7.183									
21						10.046			14.990			10.428
22												
23											9.828	
24		8.468		7.714	7.420			16.101				
25	8.499											
26							13.397			16.906		
27			8.716									
28												10.380
29						11.251			14.749			
30		8.120		x				15.778			10.945	
31	x			x	6.647	x		x			x	
Tot	255.446	257.338	231.241	201.509	226.311	277.463	334.357	451.907	428.285	466.318	321.726	313.715
Mean	8.51	8.30	7.46	7.20	7.32	9.25	10.79	15.06	13.82	15.04	10.71	10.12
Aft	507	510	459	400	430	550	663	896	849	925	638	622

Grand Total 7,469 Acre Feet.

SUMMARY
1950

Mean Month Discharge and Acre Feet of Canals Season 1950

	April		May		June		July		August		September		Total
	Cfs	Aft	Cfs	Aft	Cfs	Aft	Cfs	Aft	Cfs	Aft	Cfs	Aft	
Midway RD	21.9	394	29.8	1848	40.8	2448	30.9	1916	11.1	688	13.2	792	8086
Wasatch	33.5	603	66.1	4098	112.3	6738	89.1	5524	54.9	3404	41.0	2460	22827
North Fld	56.3	1013	87.7	5437	115.4	6924	60.0	3720	20.5	1271	26.5	1591	19956
Timp Irr.	10.4	187	31.9	1978	53	2756	50.3	3119	49.9	1998	9.9	237	9475
Spring Cr			34.4	2133	57.5	3450	50.0	3100	29.8	1847	21.5	1290	11820
Upper Charl			25.0	1550	29.3	1758	19.0	1178	12.2	756	15.2	912	6154
Island D.			10.8	670	19.0	1144	12.2	756	5.8	360	7.8	468	3394
Lower Charl			16.5	1023	18.1	1086	9.2	527	8.5	572	8.5	510	3716
S Kam & Wash			15.7	1137	87.6	5256	58.9	3652	41.2	2554	15.7	942	13542
Sunrise C					12.9	181	10.0	620	6.7	415	4.7	282	1498
Hewletts & Duncan			14.0	196	12.0	720	5.6	347	4.1	254	2.6	156	1673
Knight & Baird			6.5	91	8.2	492	5.7	353	5.3	329	2.7	162	1427
Larson & Cutler			15.0	210	13.8	828	3.0	186	3.4	211	3.3	198	1633
Phillips			.8	11	1.2	72	1.5	93	1.3	81	1.3	78	335
Baum & Snyder			12.2	414	13.6	816	7.6	471	5.2	322	3.4	204	2227

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Natural Provo River Head Heber Valley

1950
Second Feet

Date 1950	May	June	July	August	September
1			467	59	60
2			460	54	64
3			397	51	53
4			352	65	60
5			318	73	51
6			278	62	68
7			278	64	71
8			320	58	67
9			308	60	80
10			224	53	84
11			237	56	82
12			201	52	103
13			172	57	86
14			154	57	81
15			142	53	80
16			127	52	77
17			132	46	80
18			118	66	77
19			89	54	80
20			120	54	85
21			101	53	86
22			86	49	86
23			91	53	87
24			85	53	105
25			89	51	90
26			89	50	98
27			105	72	75
28			98	66	80
29			96	66	82
30			73	67	82
31			75	57	xx

Total Provo River Head Heber Valley

1950
Second Feet

Date 1950	May	June	July	August	September
1			513	221	70
2			506	201	74
3			465	189	63
4			490	182	70
5			456	178	61
6			416	167	78
7			418	169	81
8			460	163	77
9			444	165	90
10			385	158	94
11			400	161	92
12			363	159	114
13			379	137	97
14			360	139	92
15			350	134	91
16			308	132	88
17			293	126	91
18			266	124	88
19			278	112	91
20			310	110	96
21			271	106	97
22			251	93	97
23			249	97	98
24			240	93	116
25			264	90	111
26			267	89	109
27			270	82	90
28			263	76	91
29			264	76	93
30			244	77	94
31			230	67	xx

Daily Discharge in Second Feet of Midway Irrigation Canal
April-September 1950. 1.5' x 8' Suppressed Weir.

	April		May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			86	22.9	110	33.7	136	47.2	61	13.4	61	10.6
2			92	25.4	120	38.6	130	43.9	54	11.2	54	11.2
3			96	27.9	128	42.8	132	45.0	46	8.8	48	9.4
4			92	25.4	126	41.8	150	55.2	58	12.5	53	10.9
5			80	20.4	140	49.4	142	50.6	58	12.5	56	11.8
6			84	22.1	154	57.6	134	46.1	54	11.2	57	12.2
7			70	16.6	146	55.7	138	48.3	54	11.2	58	12.5
8			70	16.6	110	33.7	140	49.4	50	10.0	54	11.2
9			68	15.9	110	33.7	140	49.4	49	9.7	65	14.9
10			66	15.2	120	38.6	132	45.0	54	11.2	70	16.6
11			68	15.9	128	42.8	140	49.4	56	11.8	54	11.2
12			78	19.7	128	42.8	138	48.3	57	12.2	90	24.6
13			90	24.6	120	38.6	138	48.3	54	11.2	66	15 2
14			92	25.4	132	45.0	96	27.2	58	12.5	58	12.5
15			110	33.7	130	43.9	96	27.2	58	12.5	56	11.8
16			116	36.6	126	41.8	94	26.3	58	12.5	46	8.8
17			114	35.7	132	45.0	90	24.6	53	10.9	56	11.8
18			100	29.0	130	43.9	90	24.6	54	11.2	46	8.8
19			100	29.0	134	46.1	96	27.2	54	11.2	56	11.8
20			100	29.0	122	29.7	70	16.6	48	9.4	50	10.0
21			114	35.7	120	38.6	66	15.2	52	10.6	50	10.0
22	94	26.3	114	35.7	142	50.5	66	15.2	53	10.9	46	8.8
23			126	41.8	126	41.8	64	14.6	53	10.9	50	10.0
24	100	29.0	126	41.8	128	42.8	62	13.8	52	10.6	74	18.2
25			118	37.6	124	40.7	66	15.2	52	10.6	90	24.6
26	84	22.1	120	38.6	90	24.0	70	16.6	54	11.2	90	24.6
27	76	18.9	122	39.7	70	16.6	62	13.8	50	10.0	54	11.2
28	84	22.1	130	43.9	76	18.9	65	14.9	54	11.2	48	9.4
29	76	18.9	120	38.6	138	48.3	62	13.8	50	10.0	68	15.9
30	70	16.6	122	39.7	138	48.3	61	13.4	56	11.8	70	16.6
31		xxxx	130	43.9		xxxx	60	13.1	50	10.0		xxxx
Mean Cfs		21.9		29.8		40.8		30.9		11.1		13.2
Aft		394.2		1847.8		2448.0		1915.8		688.2		792.0

Grand Total April-September 8,086 Acre Feet.

Daily Discharge in Second Feet of Wasatch Irrigation Canal.
April-September 1950. 1' x 18' Suppressed Weir.

	April		May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			74	42.3	140	117.0	130	103.7	104	72.5	64	33.8
2			94	61.7	124	96.3	140	117.0	107	76.0	66	35.5
3			96	63.9	106	74.9	130	103.7	106	74.9	60	30.4
4			30	10.6	134	109.1	140	117.0	111	80.5	65	34.7
5			30	10.6	144	133.4	138	114.3	113	81.7	52	24.5
6			30	10.6	142	119.7	130	103.7	106	74.9	68	37.1
7			30	10.6	144	122.4	126	98.8	110	79.4	70	38.7
8			30	10.6	134	109.1	134	109.1	108	77.0	68	37.1
9			30	10.6	124	96.3	130	103.7	108	77.0	76	44.1
10			30	10.6	134	109.1	120	91.3	102	70.3	70	44.1
11			28	9.5	142	119.7	114	84.1	94	61.7	78	45.9
12			28	9.5	126	98.8	106	74.9	91	58.7	86	53.6
13			28	9.5	146	125.3	124	96.3	94	61.7	80	47.9
14			66	35.5	146	125.3	112	81.7	90	57.6	78	45.9
15			68	37.1	146	125.3	110	79.4	90	57.6	78	45.9
16			116	86.4	140	117.0	96	63.9	90	57.6	78	45.9
17			118	88.9	135	111.8	110	79.4	88	55.6	78	45.9
18			130	103.7	140	117.0	118	88.9	87	54.7	78	45.9
19			132	106.4	140	117.0	115	85.3	82	49.7	78	45.9
20			132	106.4	140	117.0	114	84.1	100	68.2	77	45.0
21			134	109.1	136	111.8	104	72.5	64	33.8	78	45.9
22	20	5.9	134	109.1	140	117.0	113	83.0	58	29.0	78	45.9
23			138	114.3	132	106.4	108	77.0	58	29.0	78	45.9
24	28	9.5	132	106.4	142	119.7	113	83.00	59	29.7	82	49.7
25			136	111.8	138	114.3	122	93.8	58	29.0	70	38.7
26	68	37.1	134	109.1	122	93.8	107	76.0	58	29.0	70	38.7
27	82	49.7	136	111.8	134	109.1	111	80.5	56	27.5	70	38.7
28	80	47.9	134	109.1	138	114.3	109	78.3	70	38.7	70	38.7
29	78	45.9	132	106.4	138	114.3	116	86.4	72	40.5	60	30.4
30	70	38.7	134	109.1	140	117.0	110	79.4	68	37.1	60	30.4
31		xxxx	140	117.0		xxxx	104	72.5	61	31.3		xxxx
Mean Cfs		33.5		66.1		112.3		89.1		54.9		41.0
Aft		603.0		4098.2		6738.0		5524.2		3403.8		2460.0

Grand Total April-September 22,827 Acre Feet.

Daily Discharge in Second Feet of North Field Irrigation Canal
April-September 1950. 1.5'x 15' Suppressed Weir.

	April		May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			134	86.4	174	131.4	144	96.9	58	23.4	56	22.2
2			136	88.5	148	101.2	160	114.7	60	24.6	58	23.4
3			140	92.7	136	88.5	144	96.9	53	20.4	52	19.8
4			112	64.9	156	110.2	158	112.5	54	21.0	54	21.0
5			110	63.1	174	131.4	152	105.7	54	21.0	48	17.5
6			108	61.3	160	114.7	146	99.1	59	18.7	58	23.4
7			106	59.5	166	121.8	140	92.7	58	23.4	61	25.2
8			106	59.5	150	103.5	146	99.1	54	21.0	58	23.4
9			104	57.7	138	90.6	142	94.8	58	23.4	62	25.9
10			104	57.7	144	96.9	134	86.4	56	22.2	66	28.5
11			108	61.3	164	119.4	106	59.5	52	19.8	68	29.8
12			108	61.3	134	86.4	100	54.3	52	19.8	66	28.5
13			100	54.3	184	143.8	110	63.1	56	22.2	64	27.3
14			94	49.3	184	143.8	104	57.7	52	19.8	66	28.5
15			104	57.7	180	138.7	102	56.1	52	19.8	66	28.5
16			114	66.9	170	126.6	86	42.9	49	18.1	66	28.5
17			150	103.5	174	131.4	90	46.0	48	17.5	66	28.5
18			144	96.9	170	126.6	104	57.7	48	17.5	66	28.5
19			148	101.2	170	126.6	83	40.6	46	16.5	66	28.5
20			148	101.2	170	126.6	74	34.0	52	19.8	65	27.9
21			156	110.2	168	124.2	66	28.5	52	19.8	65	27.9
22	20	4.9	170	126.6	162	117.1	70	31.2	47	16.9	66	28.5
23			158	112.5	148	101.2	72	32.5	54	21.0	66	28.5
24	24	6.3	146	99.1	164	119.4	73	33.3	53	20.4	71	31.9
25			172	129.0	156	110.2	76	35.4	52	19.8	66	28.5
26	34	10.6	162	117.1	136	88.5	68	29.8	52	19.8	64	27.3
27	150	103.5	166	121.8	150	103.5	70	31.2	48	17.5	64	27.3
28	148	101.2	160	114.7	158	112.5	68	29.8	56	22.2	60	24.6
29	144	96.9	154	108.0	158	112.5	74	34.0	56	22.2	66	28.5
30	118	70.5	156	110.2	158	112.5	70	31.2	60	24.6	66	28.5
31		xxxx	170	126.6		xxxx	70	31.2	56	22.2		xxxx
Mean Cfs		56.3		87.7		115.4		60.0		20.5		26.5
Aft		1013.4		5437.4		6924.0		3720.0		1271.0		1590.0

Grand Total April-September 19,956 Acre Feet.

Daily Discharge in Second Feet of Timpanogas Irrigation Canal
April-September 1950. 1' x 12' Suppressed Weir.

	April		May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			48	14.4	82	33.1	108	51.4	102	46.9		
2			50	15.4	80	31.9	106	49.9	108	51.4		
3			50	15.4	72	27.0	108	51.4	110	52.9		
4			50	15.4	106	49.9	106	49.9	106	49.9		
5			50	15.4	116	57.6	104	48.4	106	49.9		
6			50	15.4	110	52.9	104	48.4	106	49.9		
7			50	15.4	110	52.9	102	46.9	106	49.9		
8			50	15.4	110	52.9	110	52.9	106	49.9		
9			50	15.4	82	33.1	110	52.9	106	49.9		
10			48	14.4	110	52.9	106	49.9	106	49.9		
11			50	15.4	120	60.8	108	51.4	104	48.4		
12			50	15.4	120	60.8	104	48.4	106	49.9		
13			48	14.4	118	58.3	110	52.9				
14			100	45.4	116	57.6	107	50.6				
15			92	39.8	120	60.8	107	50.6				
16			116	57.6	120	60.8	106	49.9				
17			104	48.4	120	60.8	107	50.6				
18			100	45.4	120	60.8	106	49.9				
19			100	45.4	120	60.8	106	49.9			34	8.6
20			104	48.4	120	60.8	107	50.6			34	8.6
21			108	51.4	122	62.5	106	49.9			34	8.6
22	38	10.1	106	49.9	122	62.5	102	46.9			34	8.6
23			110	52.9			116	57.6			34	8.6
24	32	7.8	108	51.4			106	49.9			35	9.0
25			114	56.0			106	49.9			35	9.0
26	22	4.5	86	35.8			106	49.9			34	8.6
27	22	4.5	84	34.4	110	52.9	106	49.9			32	7.8
28	50	15.4	80	31.9	108	51.4	106	49.9			46	13.7
29	50	15.4	80	31.9	108	51.4	106	49.9			46	13.7
30	50	15.4	82	33.1	106	49.9	106	49.9			46	13.7
31		xxxx	82	33.1		xxxx	104	48.4				xxxx
Mean Cfs		10.4		31.9		53.0		50.3		49.9		9.9
Aft		187.2		1977.8		2756.0		3118.6		1997.6		237.6

Grand Total April-September 9,475 Acre Feet

Daily Discharge in Second Feet of Spring Creek Irrigation Canal. May September 1950. 10' Rating Flume. Old Ratin changed, starting July 23 to August 20, After Aug. 20 New Rating

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	90	56.0	78	50.7						
2							60-3	32.5		
3	86	54.2			104	68.0			70	21.6
4										
5			66	45.9						
6					74	49.1	58-3	31.8	66	20.4
7		3.0	96	59.0						
8									66	20.4
9					100	61.0	86-4	38.1		
10										
11										
12	00	22.0	94	58.0					94	31.0
13					80	51.5	90-5	36.0		
14										
15		3.0	86	54.2						
16					66	45.9			82	25.8
17							82-6	31.6		
18	34	33.9	110	66.0						
19					60	43.5				
20							96	31.9		
21	40	36.0	106	64.0						
22									70	21.6
23					78-1	46.7				
24							70	21.6		
25	80	51.5								
26			84	53.3						
27							42	19.4	56	17.8
28	58	42.8			56-2	34.6				
29										
30			110	66.0			80	25.1		
31				xxxx						xxxx
Mean Cfs		34.4		57.5		50.0		29.8		21.5
Aft		2132.8		3450.0		3100.0		1847.6		1290.0

Grand Total May-September 11,820 Acre Feet.

Daily Discharge in Second Feet of Island Ditch.
May-September 1950. 6' Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	54	7.8	54	7.8						
2							46	6.1		
3	52	7.3			98	18.7			50	6.9
4										
5			120	25.2						
6					92	17.1	46	6.1	50	6.9
7	24	2.3								
8			104	20.5						
9					96	18.2	46	6.1	54	7.8
10										
11										
12		00	100	19.3					60	9.1
13					64	10.0	44	5.7		
14										
15	64	10.0	100	19.3						
16					48	6.5			56	8.2
17							45	5.9		
18	32	3.6	120	25.2						
19					62	9.5				
20							45	5.9		
21										
22	110	22.2	106	21.0					52	7.3
23					58	8.6				
24							46	6.1		
25	110	22.2								
26			100	19.3						
27							42	5.4	56	8.2
28					60	9.1				
29	110	22.2								
30			80	13.9			41	5.2		
31				xxxx						xxxx
Mean Cfs		10.8		19.0		12.2		5.8		7.8
Aft		669.6		1140.0		756.4		359.6		468.0

Grand Total May-September 3,394 Acre Feet.

Daily Discharge in Second Feet Of Upper Charleston Canal.
May-September 1950. 11.5' x .75 Suppressed Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	54	17.0	100	45.1						
2							58	19.0		
3	76	29.1			66	23.3			42	11.5
4										
5			82	32.9						
6					70	25.5	56	18.0	44	12.3
7	48	14.1	40	10.7						
3									44	12.3
9					70	25.5	45	12.9		
10										
11										
12	10	1.5	66	23.3					60	20.0
13					40	10.7	44	12.3		
14										
15	80	31.6	64	22.2						
16					50	15.0			52	16.0
17							46	13.2		
18	72	26.7	86	35.5						
19					56	18.0				
20							36	9.2		
21	68	24.4								
22			78	30.4					62	21.1
23					52	16.0				
24							26	5.6		
25	92	39.4								
26			78	30.4						
27							34	8.5	46	13.2
28	94	40.8			56	18.0				
29										
30			82	32.9			42	11.5		
31				xxxx						xxxx
Mean Cfs		25.0		29.3		19.0		12.2		15.2
Aft		1550.0		1758.0		1178.0		756.4		912.0

Grand Total May-September 6,154 Acre Feet

Daily Discharge in Second Feet of Lower Charleston Canal.
May-September 1950. 0.75' x 8' Suppressed Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	56	12.5	68	16.9						
2							44	8.6		
3	66	16.2			58	13.2			56	12.5
4										
5			70	17.7						
6					56	12.5	46	9.2	40	7.5
7	70	17.7								
8			60	13.7					44	8.6
9					46	9.2	44	8.6		
10										
11										
12	70	17.7	84	23.8					40	7.5
13					42	8.0	44	8.6		
14										
15	78	21.1	78	21.1						
16					56	12.5			42	8.0
17							44	8.6		
18	80	22.0	82	22.9						
19					32	5.3				
20							40	7.5		
21	44	8.6								
22			74	19.4					42	8.0
23					32	5.3				
24							46	9.2		
25	62	14.7								
26			60	13.9						
27							42	8.0	40	7.5
28	70	17.6			42	8.0				
29										
30			60	13.9			42	8.0		
31				xxxx						xxx
Mean Cfs		16.5		18.1		9.2		8.5		8.5
Aft		1023.0		1086.0		570.4		527.0		510.0

Grand Total May-September 3,716 Acre Feet.

Daily Discharge in Second Feet of South Kamas and Washington Irrigation Canal. May-September 1950, 14' Suppressed Weir to June 22, Rating Flume to July 12, After July 12 Supp. Weir Lateral No. 1 B S Orfice.

	May				June				July			
	G	Cfs	#1	Tot	G	Cfs	#1	Tot	G	Cfs	#1	Tot
1												
2												
3									80	80.8	0	80.8
4					110	60.3	2.0	62.3				
5												
6					131	79.8	4.2	84.0	68	70.0	4.9	74.9
7												
8												
9					130	78.8	2.0	80.8	68	70.0	4.9	74.0
10												
11												
12					138	86.8	1.4	88.2				
13									124	73.1	4.6	77.7
14												
15					146	95.1	0	95.1	96	48.6	1.9	50.5
16												
17												
18									96	48.6	2.1	50.7
19					148	98.7	4.1	102.8				
20									96	48.6	2.0	50.6
21	76	33.7	0	33.7								
22	36	10.8	0	10.8	90	89.7	4.7	94.4	102	53.5	0	53.5
23												
24					84	84.4	3.0	87.4	90	43.9	0	43.9
25	118	67.5	0	67.5								
26									85	40.2	4.8	45.0
27					86	86.1	3.0	89.1				
28	114	63.9	5.3	69.2								
29					90	89.7	1.8	91.5				
30	122	71.2	6.0	77.2					88	42.4	3.0	45.4
31								xxxx				
Mean Cfs				51.7				87.6				58.9
Aft				1137.4				5256.0				3651.8

Daily Discharge in Second Feet of South Kamas and Washington Irrigation Canal, May-September 1950 14' Suppressed Weir to June 22, Rating Flume to July 12, After July 12 Supp. Weir. Lateral No. B S Orifice.

	August				September			
	G	Cfs	#1	Tot	G	Cfs	#1	Tot
1								
2								
3	83	38.6	4.1	42.7	80	36.5	0	36.5
4								
5					42	13.6	1.4	15.0
6								
7	84	39.3	1.9	41.2				
8					42	13.6	1.4	15.0
9								
10								
11	86	40.9	0	40.9	42	13.6	1.4	15.0
12								
13								
14	90	43.9	0	43.9	40	12.6	1.6	14.2
15								
16								
17	82	37.9	4.0	41.9	42	13.6	0	13.6
18								
19								
20	78	35.1	3.8	38.9	44	14.6	0	14.6
21								
21								
23	83	38.6	3.0	41.6	44	14.6	0	14.6
24								
25								
26	83	38.6	2.6	41.2	20	4.6	0	4.6
27								
28								
29	83	38.6	0	38.6	42	13.6	0	13.6
30								
31								xxxx
Mean Cfs				41.2				15.7
Aft				2554.4				942.0

Grand Total May-September 13,542 Acre Feet.

Daily Discharge in Second Feet of Sunrise Canal.
June-September 1950, Rating Flume.

	June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1								
2								
3			78	10.8	80	11.1	66	8.9
4								
5							26	3.9
6			96	13.9				
7					46	6.0		
8							32	4.3
9			88	12.5				
10								
11					42	5.5	32	4.3
12			72	9.8				
13								
14					48	6.3	28	4.1
15			70					
16								
17					46	6.0	28	4.1
18			96	13.9				
19								
20			56	7.5	46	6.0	34	4.7
21								
22			52	6.9				
23					32	4.5	34	4.7
24	78	10.8	64	8.6				
25								
26			70	9.5	28	4.1	28	4.1
27	96	13.9						
28								
29	96	13.9			76	10.5	30	4.3
30			52	6.9				
31		xxxx						xxx
Mean Cfs		12.9		10.0		6.7		4.7
Aft		180.6		620.0		4.5.4		282.0

Grand Total June-September 1,498 Acre Feet.

Daily Discharge in Second Feet of Individual Ditches 1950.

	Hewletts & Duncan					Knight & Baird				
	May	June	July	Aug	Sept	May	June	July	Aug	Sept
1										
2										
3		10.0	5.0	5.5	3.0		7.0	7.0	5.7	3.5
4										
5					3.5					3.5
6		17.0	5.0				7.0	1.5		
7				8.0					5.7	
8					3.0					3.5
9		17.0	8.7				7.0	6.5		
10										
11		12.0		5.0			7.0		5.7	
12			8.7		3.0			6.5		3.5
13										
14				00	3.0				5.7	00
15		14.0	4.0				7.0	4.5		
16				3.5						
17									5.0	
18			4.0				7.0	4.5		
19		12.0								
20			3.5	3.5	5.5			4.5	5.0	4.5
21										
22			5.5					5.7		
23		12.0		4.5			8.0		5.0	
24			5.5					5.7		
25	12.0	10.0				6.5	8.0			
26			7.2	3.0	00			5.7	4.5	3.0
27										
28		10.0					12.0			
29	15.0				00	6.5				00
30		6.0	5.0				12.0	5.7		
31	14.0	xxxx			xxxx	6.5	xxxx			xxxx
Mean						6.5	8.2	5.7	5.3	2.7
Cfs	14.0	12.0	5.6	4.1	2.6					
Aft	196	720	347	254	156	91	492	353	329	162

Grand Total May-Sept 1,673 Aft Grand Total May-Sept 1,427 Aft

Daily Discharge in Second Feet of Individual Ditches 1950.

	Larson & Cutler					Phillips				
	May	June	July	Aug	Sept	May	June	July	Aug	Sept
1										
2										
3			5.0	7.5	3.5			2.2	1.1	1.1
4		15.0					1.6			
5					3.5					1.0
6		15.0	5.0				1.6			
7				5.5				1.8	1.2	
8					00					1.0
9		17.0	5.0				1.6	1.6		
10										
11		20.0		4.5			1.6		1.5	
12			4.5		1.5			1.1		1.8
13									1.5	1.8
14				2.5	6.0					
15		17.0	1.0				1.2	1.4		
16										
17				00					1.2	
18			1.0					1.4		
19		12.5			5.5		1.2			
20			1.0	00				1.4	1.1	1.2
21										
22			1.0					1.4		
23		15.0		4.0					1.1	
24			1.0					1.2		
25	15.0	12.5				.90	1.1			
26			1.0	3.5	3.0			1.4	1.9	1.2
27										
28		7.0					.60			
29	15.0				3.0	.70				.90
30		7.0	7.5				.70	1.4		
31	15.0	xxx			xxx	.90	xxx			xxx
Mean Cfs	15.0	13.8	3.0	3.4	3.3	.80	1.2	1.5	1.3	1.3
Aft	219	828	186	211	198	11	72	93	81	78

Grand Total May-Sept 1,633 Aft Grand Total May-Sept 335 Aft.

Daily Discharge in Second Feet of Individual Ditches 1950.

Baum & Snyder

	May	June	July	Aug	Sept
1					
2					
3		16.0	8.0	4.5	3.5
4					
5					3.5
6		15.0	11.0	4.5	
7					
8					3.5
9		13.0	13.0		
10					
11		12.0		4.0	
12			5.0		3.0
13					
14				4.5	3.0
15	10.0	15.5	5.0		
16					
17				6.5	
18	10.0		7.0		
19		13.5			
20			7.5	7.0	4.5
21					
22	12.0	12.0	7.5		
23				7.0	
24			10.0		
25	15.0	14.0			
26			5.0	3.5	3.0
27					
28		15.0			
29	17.5				3.0
30		10.0	5.0		
31	10.0	xxxx			xxxx
Mean Cfs	12.2	13.6	7.6	5.2	3.4
Aft	414	816	471	322	204

Grand Total May-September 2,227 Acre Feet.

Discharge in Second Feet of Snake Creek Diversions to Midway Irrigation Company et al, June September 1950.

Date 1950	Ditch	Cfs	Date	Ditch	Cfs
June 3	Middle	3.50	Aug 3	Scotch	3.80
	Scotch	3.82		Creek Ford	15.73
	Creek Ford	30.13		West Bench	7.00
	West Bench	9.20		Mound	4.20
	Mound	5.00		Huber Lower	.25
	Probst	3.65		Total	30.98
	Huber Upper	1.75			
	Huber Lower	1.98	Aug 14	Scotch	4.01
	Total	58.03		Creek Ford	12.71
				West Bench	5.85
June 16	Middle	4.06		Huber Lower	2.16
	Scotch	3.82		Probst	2.90
	Creek Ford	23.24		Total	27.63
	West Bench	9.65			
	Mound	2.95	Sept 5	Creek Ford	16.20
	Probst	4.82		West Bench	3.30
	Huber Upper	1.68		Probst	2.43
	Huber Lower	2.02		Huber Lower	.26
	Total	52.25		Middle	4.09
				Total	26.28
June 30	Scotch	5.30			
	Creek Ford	18.44	Sept 16	Scotch	3.45
	West Bench	10.60		Creek Ford	14.38
	Probst	3.20		West Bench	5.85
	Huber Upper	1.70		Mount	4.29
	Huber Lower	1.70		Huber Lower	.25
	Total	40.94		Total	28.22
July 15	Middle	3.90			
	Scotch	1.10			
	Creek Ford	17.90			
	West Bench	9.65			
	Mound	2.92			
	Huber Lower	.25			
	Total	35.72			

Mean 37.5 Cfs and for 150 Days 11,250 Acre Feet.

ONTARIO TUNNEL 1950

Observations at Hailstone Bridge, 1' x 12' Suppressed Weir.

Date 1950	Gage	Cfs	Month Mean Cfs	Date 1950	Gage	Cfs	Month Mean Cfs
Jun 1	52	16.3		Aug 3	40	10.9	
6	50	15.4		11	46	13.7	
9	56	18.4		14	42	11.8	
12	52	16.3		20	40	10.9	
15	40	10.9		26.	38	10.1	
22	40	10.9					11.5
27	38	10.1					
30	43	12.3		Sep 5	38	10.1	
			13.8	11	40	10.9	
Jly 6	48	14.4		20	40	10.9	
12	50	15.4		23	40	10.9	
17	50	15.4		29	42	11.8	
20	46	13.7					10.9
24	42	11.8					
30	42	11.8		Season Mean . . .			12.5
			13.8	Dvtd by Fisher			1.0
				Total			13.5

Delivery as Follows:

Midway Irrigation Co, in own right . . . . . 5.5 Cfs

Daly Mining Company leased to Fisher . . . . 1.0 "
" " " " " Midway Irr. Co. 3.0

Utah Power & Light Co, in own right, used thru Olmsted Plant for power generation, and after used for irrigation by lease to Provo Reservoir Water Users Company . . . . . 4.0 Cfs

Total 13.5 Cfs

CC:STATE ENGR:UP&LCO:MIDWAY IRR. CO:DALY MINING CO:
PROVO RESERVOIR WATER USERS CO.:

OBSERVATION WELLS
HEBER VALLEY
1950

2	Wright	27	Baird
3	Wright	33	Morris
4	Edwards	34	Lee Bros
5	Edwards	35	Montgomery
6	Brown	38	Smith
7	Cummings	39	Witt
8	Webster	40	Allison
9	Richins	41	Anderson
12	Carlile	42	Pace
14	Webb	43	London
17	Simmons	46	Carlile
15	Casper	48	Jordan
25	Watson		
26-2	McDonald		
26-3	Christensen		
26-4	Johnston		

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RANGE OF WELLS
1950

	No.	Name	Range Feet
Above Irrigation			
	34	Lee Bros	2.54
	33	Morris	8.10
	48	Jordan	3.20
	38	Smith	5.04
Mean			4.72
Mid Valley:			
	42	Pace	18.98
	46	Carlile	37.50
	40	Allison	26.10
	26-2	McDonald	31.36
	9	Richins	35.00
	14	Webb	33.35
	Mean		30.38

No	Name	Range Feet
Lower Valley:		
6	Brown	17.45
8	Webster	21.09
5	Edwards	10.75
7	Cummings	16.67
15	Casper	17.16
17	Simmons	16.72
3	Wright	17.82
2	Wright	15.48
Mean		16.64
Near River Bottoms:		
39	Witt	4.88
12	Carlile	8.50
4	Edwards	10.50
Mean		7.96

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Water Level in Feet Below Measuring Point

2. Wright, Joseph E.; East Side of Main Street thru Charleston, south of store, NW frame dwelling, on west side of NW Quarter, Section 23, T 4 S, R 4 E.
MP top of collar, red sandstone, SE corner of well, Elev 5425.00

Feb 3, 1950	19.98	Jun 2, 1950	6.40	Oct 2, 1950	14.24
Mar 4,	18.10	Jly 3.	4.50	Nov 2,	16.10
Apr 3	18.32	Aug 3,	7.92	Dec 1,	15.10
May 3.	10.46	Sep 6,	12.06		

3. Wright, D.E.; East side of Main Street thru Charleston, SW corner of block____, SW corner of fourth block norht of main corner of Charleston, Sec 14-15-22-23, on west side of SW 1/4, Sec 14, T 4 S, R 5 E, SE of dwelling.

MP Top of Collar south side of well; Elev 5432.15.

Feb 3, 1950	22.32	Jun 2, 1950	8.66	Oct 2, 1950	16.43
Mar 4,	21.40	Jly 3,	4.50	Nov 6,	18.75
Apr 3,	21.06	Aug 3,	8.50	Dec 1,	17.42
May 3,	14.24	Sep 6,	14.07		

4. Edwards, Elmer; East side of Charleston road; First house south of river east of dwelling; In SW corner of NW 1/4, Sec 14, T 4 S R 4 E.

MP Top of Well cover base of pump. Elev 5426.67. LS 5425.90.

Feb 3, 1950	14.40	Jun 2, 1950	5.52	Oct 2, 1950	11.43
Mar 4,	14.32	Jly 3,	4.10	Nov 6,	12.50
Apr 1,	14.60	Aug 3,	6.56	Dec 1,	12.60
May 3,	12.66	Sep 6,	10.20		

5. Edwards, Lawrence South side of road by SE corner of dwelling, first house east of Lower Charleston Canal, near NE corner of NW 1/4, of NW 1/4, Sec 14, T 4 S, R 4 E.

MP South East Corner of well, Top of Concrete walk aroung well. Elev 5428.69. LS 5438.00

Feb 3, 1950	Ice	Jun 2, 1950	6.90	Oct 2, 1950	9.30
Mar 4,	14.	Jly 3,	4.12	Nov 6.	11.10
Apr 1,	14.90	Aug 3,	6.08	Dec 1,	11.90
May 3,	12.50	Sep 6,	8.60		

6. Brown Recorder transferred to Heber Winterton well.

Feb 3, 1950	20.90	May 3, 1950	17.14	Aug 3, 1950	8.08
Mar 4,	20.10	Jun 2.	10.70		
Apr 3,	20.52	Jly 3,	4.95		

Winterton, Heber; About 500' North & East of Brown Well.
NE Corner of light brick house.
MP Top of Cement cover, Recorder Installed.

Oct 2, 1950	11.62	Nov 6, 1950	14.68	Dec 1, 1950	16.70

7. Cummings; South of Brown well in adjacent lot, SE of frame dwelling NW corner of 1/4 Section 14, T 4 S. R 4 E.

New MP top of wooden platform. 70 above LS. LS Elev 5459.26
BM on rock in SW corner collar, Elev 5459.62.

Feb 3, 1950	20.16	Jun 2, 1950	10.32	Oct 2, 1950	12.82
Mar 4,	20.30	Jly 3,	4.03	Nov 6,	13.98
Apr 3,	20.70	Aug 3,	7.92	Dec 1,	17.24
May 3,	17.16	Sep 6,	12.0		

8. Webster; 1500 feet east of 1/4 corner between 11-12, in SW corner of SE 1/4, Section 11, T 4 S, R 4 #, N and W of road intersection, north of dwelling.

MP Top of 2'' timber, bar guards third guard from west. Elev 5485.12

Feb 3, 1950	25.84	Jun 2, 1950	12.32	Oct 2, 1950	12.10
Mar 4,	25.40	Jly 3,	4.75	Nov 6,	14.40
Apr 3.	24.20	Aug 3,	9.00	Dec 1,	18.96
May 3,	21.00	Sep 6,	12.16		

9. Richins; North side or road by old building, curb and pulleyrack In SE 1/4 of SW 1/4, Section 12, T 4 S, R 4 E.

Feb 3, 1950	57.00	Jun 2, 1950	32.50	Oct 2, 1950	35.05
Mar 4,	56.00	Jly 3,	23.00	Nov 6,	36.10
Apr 3,	54.80	Aug 3,	28.30	Dec 1,	45.00
May 3,	50.6	Sep 6,	35.46		

12 Carlile, George; West side of road, S of dwelling, near SE corner of NE 1/4 of Ne 1/4, Sec 11, T 4 S, R 4 E.

Feb 3, 1950	11.90	Jun 2, 1950	5.12	Oct 2, 1950	3.84
Mar 4	11.00	Jly 3,	3.48	Nov 6,	5.50
Apr 3,	11.60	Aug 3,	3.40	Dec.1,	8.20
May 3,	8.10	Sep 6,	4.32		

14, Webb; West of brick dwelling, south of road, in NW 1/4 of SW 1/4, Sec 13, T 4 S, R 4 E.

MP cement cover base of pump. Elev 5530.21

Feb 3, 1950	60.76	Jun 2, 1950	36.08	Oct 2, 1950	42.00
Mar 4,	59.30	Jly 3,	27.24	Nov 6,	36.90
Apr 3,	56.50	Aug 3,	32.40	Dec 1,	48.00
May 3,	49.00	Sep 6,	41.84		

15. Casper; South of road, South of dwelling. Concrete pipe lining projecting 3' above ground, center of NS, in NW 1/4 of NE 1/4 Sec 14, T 4 S, R 4 E.

MP MP Top of concrete lining, north side, Elev 5484.02 LS 5481.10.

Feb 3, 1950	32.92	Jun 2, 1950	22.20	Oct 2, 1950	25.14
Mar 4,	33.06	Jly 3,	15.90	Nov 6,	26.00
Apr 3,	33.00	Aug 3,	19.90	Dec 1,	28.90
May 3,	27.40	Sep 6,	24.60		

17. Simmons, Steve; North of road East of ditch, in NW 1/4 of Ne 1/4 Sec. 23, T 4 S, R 4 E.

MP Top of meter cover set in concrete cover, Elev 5455.72.

Feb 3, 1950	32.96	Jun 2, 1950	20.56	Oct 2, 1950	25.42
Mar 4,	31.32	Jly 3,	17.46	Nov 6	31.30
Apr 3,	34.18	Aug 3,	22.20	Dec 1,	32.50
May 3,	25.25	Sep 6,	29.00		

25. Watson, Jack; NW corner of 4 N 6 E Streets, Heber City, west of house by fence line. Drain Dug about four rods east in 1948.

Mp Top of pipe level with LS.

Feb 3, 1950	16.80	Jun 2, 1950	4.85	Oct 2, 1950	8.54
Mar 4,	14.86	Jly 3,	3.60	Nov 6,	16.48
Apr 3,	15.50	Aug 3,	3.66	Dec 1,	13.90
May 3,	10.25	Sep 6,	4.80		

26-2 McDonald-2; NW Intersection East of dwelling, SE corner Sec.4. MP Top of candstone lining, south side, Level with LS. Elev 5798.-4

Feb 3, 1950	36.10	Jun 2, 1950	10.50	Oct 2, 1950	22.84
Mar 4,	39.00	Jly 3,	7.64	Nov 6,	29.16
Apr 3,	33.50	Aug 3,	10.60	Dec 1,	31.10
May 3	26.80	Sept 6,	18.50		

26-3 Christensen, Hyrum; SW Intersection, SW of house, NE corner, Sec 9, T 4 S, R 5 E.

MP Top concrete coping around well, N side Elev*____.

Feb 3, 1950	36.20	Jun 2, 1950	11.50	Oct 2, 1950	22.84
Mar 4,	36.92	Jly 3,	7.62	Nov 6,	28.12
Apr 3,	32.90	Aug 3,	10.50	Dec 1,	29.84
May 3,	26.00	Sept 6,	18.24		

26-4 Johnston, John; SE Intersection on east bank of Timpanogas Canal east of house, NW corner Sec 10, T 4 S, R 5 E, head of depression that looks like old spring, Water sometimes runs out top of well.

MP top of wood cover over well.

Feb 3, 1950	Ice	Jun 2, 1950	5.34	Oct 2, 1950	17.64
Mar 4,	26.02	Jly 3,	2.92	Nov 6,	18.44
Apr 3,	23.00	Aug 3,	6.10	Dec 1,	19.60
May 3,	18.10	Sep 6,	13.90		

27. Baird; South of dwelling, one miles south, at end of Main Street, Heber City; NW corner Sec 8, T 4 S, R 5 E, Dug 1883-84 and about 1893 had 2 feet of water. Depth 142 feet.

MP Top concrete collar, Elev. 5636.21.

Feb 2, 1950	106.20	Jun 2, 1950	92.16	Oct 2, 1950	65.30
Mar 4,	110.20	Jly 3,	57.08	Nov 6,	78.90
Apr 3,	112.00	Aug 3,	50.30	Dec 1,	81.60
May 3,	110.70	Sep 6,	56.90		

38. Smith. Phillip; Two miles north and one mile east of Heber City. South side of road, SW 1/4 of Sec 24, T 3 S, R 4 E. In front of old log house. Pipe in abandoned well, pipe 14 feet.

MP Top of well cover, LS .70 below.

Jan 28, 1950	10.90	Jun 3, 1950	10.00	Nov 6, 1950	10.30
Mar 2,	11.04	Jly 1,	11.16	Dec 1,	10.60
Apr 3,	12.20	Aug 25,	7.16		
May 5,	11.12	Oct 2,	10.12		

39. Witt, Frank; Two blocks north of Heber City Depot; Fence line west side of street, fence corner of drive way, 50 feet NE of house (OLD WITT WELL) has been converted to cess pool; 13.5' of pipe 1.5' above LS.

MP Top of pipe, Elev 5558.83, LS 5557.30.

Jan 28, 1950	9.80	Jun 2, 1950	6.10	Oct 2, 1950	5.70
Mar 4,	8.86	Jly 3,	5.10	Nov 6,	8.14
Apr 3,	8.10	Aug 3,	4.92	Dec 1,	8.48
May 3,	8.15	Sep 6	5.14		

40. Allison, J.W; One mile south and three miles east of Heber City. SW Corner of Sec 2, T 4 S, R 5 E. North side of road, Second house from corner, south of house. Dug 1890. Cold water granite at north.

MP Top of Wood cover, Elev 5928.90. LS 5927.60.

Feb 23, 1950	34.90	Jun 2, 1950	8.80	Oct 2, 1950	30.66
Mar 4,	33.00	Jly 3,	15.75	Nov 6,	32.40
Apr 3,	31.52	Aug 3,	20.70	Dec 1,	30.60
May 3,	24.10	Sep 6,	27.40		

31. Anderson; Joseph; One mile east and about .4 miles south of Heber City; NW Corner of South 1/2 of SW 1/4 of NW 1/4 Sec 4 T 4 S, R 5 E, East side of road and Canal. SW of house in front yard.

MP Sandstone collar SE side, Elev 5686.16. Ls Same.

Feb 3, 1950	27.90	Jun 2, 1950	1.40	Oct 2, 1950	19.60
Mar 4,	25.00	Jly 3,	4.62	Nov 6,	16.52
Apr 3,	17.40	Aug 3,	4.80	Dec 1,	20.00
May 3,	8.00	Sep 6	11.48		

33. Morris, Harry; At SE corner of frame house, west of Hailstone Garage on south side of road.

MP Wood cover NS. Elev. 5936.21. LS 5935.70.

Jan 28, 1950	5.90	Jun 4, 1950	5.70	Nov 30, 1950	10.60
Mar 2,	5.00	Jly 5,	2.50		
Apr 3,	5.70	Aug 11,	9.90		
May 5,	9.84	Sep 12,	9.93		

34. Lee Bros; 1.2 miles north of Hailstone, At NE corner of Large red sandstone house, on east side of road.

MP Top of well cover. Elev. 6022.24. Ls 6021.20.

Jan 28, 1950	27.52	Jun 4, 1950	26.84	Nov 30, 1950	27.40
Mar 2,	26.68	Jly 5,	27.30		
Apr 3,	25.12	Aug 11,	27.66		
May 5,	26.44	Sep 12,			

25. Montgomery; Pipe 13 feet, 6th east and Center st. Heber City, 167 feet east of NE corner of street intersection; 11.5 feet south of north side of street, 2 feet east of light pole, in front of Montgomery well of 1915 observations.

Feb 3, 1950	Dry	Jun 2, 1950	5.58	Oct 2, 150	11.42
Mar 3,	"	Jly 3,	4.84	Nov 6,	12.94
Apr 3,	"	Aug 3,	4.90	Dec 1,	Dry.
May 3,	10.60	Sep 6,	7.43		

42. Pace, G.M; Three miles north of Heber City, NE corner NE of NE 1/4 Sec. 19. T 3 S, R 5 E. West side of road, south of house. One of the oldest wells in valley. Dug deeper in 1910.Not dry since.

MP TOP concrete collar east side, Elev. 5690.29. Ls 5689.80.

Jan 28, 1950	31.70	Jun 2, 1950	15.00	Oct 2, 1950	18.60
Mar 4,	32.04	Jly 3,	13.06	Nov 6,	24.32
Apr 3,	29.52	Aug 3,	15.60	Dec 1,	27.44
May 3,	28.50	Sep 6,	17.84		

43. London Pipe; 1.75 miles north of Heber City, west side of road, fence and in line with fence running west, Installed in 1940 by USRS.

MP top of pipe.9 above LS.

Jan 28, 1950	ice	Jun 2, 1950	.70	Oct 6, 1950	.90
Mar 4,	.40	Jly 3,	.50	Nov 6,	.96
Apr 3,	.50	Aug 3,	.50	Dec 1,	.45
May 3,	.50	Sep 6,	.90		

46. Carlile, Hart; See recorder record last of this section.

48. Jordan, Bros; Six miles north of Heber City, just south of river bridge, near N line of NE 1/4 of NW 1/4 Sec. 6, T 3 S, R 5 E. East of road in back yard of second house. Electric pump in 1940. New Pump house 1950 covered over.

MP Wood cover base of pump.

Jan 28, 1950	5.60	Jun 4, 1950	3.20
Mar 2,	4.84	Jly 5,	4.48
Apr 3,	4.40	Aug 11,	6.40
May 5,	4.32	Sep 12,	6.40

CARLILE WELL

1950

Water Level, in feet, below land surface datum. From Recorder Charts.

Day	Jan	Feb	Mar	Apl	May	June	July	Aug	Sept	Oct	Nov	Dec
1	42,70	45.67	48.09	47.69	42.38	33.18	15.32	12.08	17.66	22.00	24.87	32.57
2	42.85	45.74	48.08	47.85	41.43	32.25	15.30	13.57	17.77	22.38	25.07	32.57
3	43.00	45.83	48.03	48.00	41.52	31.42	15.00	14.05	17.78	22.71	25.37	33.05
4	43.14	45.93	47.95	48.16	42.09	30.36	14.75	14.36	17.45	23.00	25.66	33.19
5	43.31	46.03	47.86	48.31	42.49	28.60	14.37	14.23	17.55	23.20	25.82	33.33
6	43.45	46.11	47.75	48.42	42.90	26.40	13.93	14.35	17.87	23.37	25.97	33.50
7	43.58	46.03	47.43	48.55	43.28	24.53		14.43	18.32	23.56	26.27	33.67
8	43.71	45.98	47.18	48.66	43.54	24.32		14.42	18.75	23.69	26.58	33.88
9	43.84	45.99	47.15	48.77	43.77	24.33		14.20	19.05	23.91	26.95	34.09
10	43.95	46.07	47.11	48.88	43.85	24.12		14.43	19.30	23.18	27.30	34.28
11	44.01	46.12	47.05	49.00	43.70	24.18		14.51	19.28	22.76	27.62	34.46
12	44.09	46.21	47.00	49.12	43.83	23.95	12.18	14.65	19.20	23.33	27.82	34.63
13	44.19	46.32	47.01	49.23	44.16	22.70	11.80	14.37	19.42	23.26	28.03	34.79
14	44.28	47.43	47.02	49.12	44.05	20.15	12.14	13.87	19.53	23.20	28.23	34.95
15	44.41	46.57	47.07	49.23	43.45	20.06		12.93	19.26	23.90	28.52	35.12
16	44.44	46.69	47.09	49.34	42.89	19.56		12.85	19.56	24.01	28.70	35.27
17	44.51	46.51	47.11	49.45	42.13	19.32		12.57	19.53	24.15	29.08	35.40
18	44.50	46.97	47.00	49.52	41.95	19.25		12.92	19.61	24.31	29.32	35.57
19	44.35	47.10	46.54	49.58	40.95	18.90	14.58	13.55	19.67	24.47	29.51	35.72
20	44.40	47.23	46.20	49.51	39.75	18.40	14.60	14.32	19.77	24.50	29.69	35.88
21	444 8	47.36	46.00	49.29	39.55	18.03	14.22	14.71	19.83	24.31	29.90	36.07
22	44.48	47.47	46.02	48.99	39.45	16.98	14.38	15.10	19.97	24.28	30.10	36.23
23	44.42	47.60	45.91	48.75	39.55	15.51	14.38	15.45	20.12	23.70	30.37	36.38
24	44.58	47.72	45.65	48.61	39.61	14.30	13.93	15.84	20.19	24.00	30.70	36.55
25	44.90	47.92	46.62	47.62	38.72	13.80	13.21	15.90	20.10	24.39	31.00	36.69
26	44.90	47.92	46.62	47.62	38.74	13.80	13.20	16.32	20.37	24.58	31.29	36.82
27	45.06	47.99	46.95	47.34	37.44	14.77	13.02	16.62	20.74	24.70	31.56	36.94
28	45.21	48.04	47.22	46.44	35.99	15.48	13.01	16.95	21.08	24.71	31.83	37.05
29	45.34	x	47.43	45.45	35.16	15.49	12.82	17.28	21.37	24.58	32.10	37.13
30	45.47	x	47.59	44.04	34.73	15.13	12.46	17.48	21.71	24.62	32.33	37.20
31	45.62	x	47.61	x	34.00	x	12.25	17.52	x	24.74	x	37.33

BROWN AND WINTERTON WELLS

1950

Water Level, in feet, below land surface datum. From recorder charts.
Recorder removed from Brown Well and installed on Heber Winterton Well 9-16-50.

Day	Jan	Feb	Mar	Apl	May	June	July	Aug	Sept	Oct	Nov	Dec
1	17.22	17.80	17.38	17.58		7.35	1.35	3.71	8.61	8.38	12.13	13.72
2	17.20	17.82	17.23	17.54		7.47	1.72	4.49	8.17	8.62	12.04	13.88
3	17.18	17.82	17.13	17.52		7.71	2.05	4.93	7.52	8.85	11.97	14.03
4	17.19	17.83	17.08	17.51	14.12	7.97	2.10	4.12	7.88	9.13	11.90	14.10
5	17.23	17.93	17.05	17.48	14.22	7.07	1.77	4.23	8.44	9.42	11.81	14.25
6	17.27	17.92	17.02	17.48	14.36	4.59	0.55	4.53	8.78	9.62	11.70	14.38
7	17.31	17.70	17.02	17.46	14.47	3.61	0.90	4.91	9.14	9.81	11.58	14.48
8	17.34	17.59	17.05	17.46	14.53	3.76	1.28	4.32	9.42	9.98	11.44	14.58
9	17.38	17.48	17.08	17.48	14.60	4.47	1.28	3.91	9.62	10.13	11.31	14.68
10	17.42	17.45	17.13	17.48	14.65	4.05	1.45	4.98	9.57	10.25	11.21	14.82
11	17.45	17.45	17.20	17.48	14.69	3.93	0.90	4.93	9.83	10.33	11.18	14.93
12	17.49	17.50	17.27	17.46	14.73	3.65	1.30	5.52	10.02	10.35	11.18	15.05
13	17.52	17.56	17.34	17.45	14.80	4.56	1.53	6.07	10.02	10.11	11.20	15.14
14	17.56	17.63	17.38	17.43	14.85	3.62	1.61	4.90	9.94	10.04	11.21	14.23
15	17.58	17.70	17.42	17.42	14.79	2.75	1.41	4.98	9.86	10.48	11.22	15.32
16	17.62	17.76	17.40	17.40		1.32	0.73	5.21	8.83	10.66	11.29	15.40
17	17.65	17.82	17.35	17.37		1.76	1.17	5.38	8.61	10.78	11.43	15.48
18	17.65	17.87	17.37	17.28	13.55	2.00	1.41	5.70	8.57	10.93	11.58	15.57
19	17.72	17.91	17.44	17.23	13.07	2.13	1.72	6.07	8.61	11.08	11.56	15.65
20	17.73	17.94	17.51	17.17	13.25	2.05	2.03	6.33	8.79	11.17	11.55	15.73
21	17.74	17.96	17.56	17.00	13.27	1.57	2.42	5.99	9.07	11.05	11.79	15.79
22	17.75	17.98	17.60	16.74	12.74	1.82	2.86	6.69	9.24	10.90	12.01	15.86
23	17.75	17.97	17.64	16.71	12.34	1.78	3.12	7.08	9.25	10.76	12.23	15.92
24	17.74	17.95	17.66	16.75	12.33	2.05	3.69	6.98	9.19	10.78	12.43	15.99
25	17.75	17.89	17.66	16.69	12.15	1.49	3.37	6.98		10.87	12.63	16.05
26	17.73	17.80	17.68	16.58	11.28	0.53	3.03	6.99		11.06	12.83	16.10
27	17.73	17.67	17.68		8.66	1.17	3.32	7.43		11.24	13.03	16.15
28	17.74	17.52	17.68		7.28	1.27	3.74	7.84	7.21	11.42	13.22	16.19
29	17.75	x	17.68		7.13	1.38	4.06	6.94	7.67	11.68	13.40	16.23
30	17.77	x	17.67		7.77	1.61	4.07	8.11	8.10	11.89	13.55	16.28
31	17.78	x	17.62	x	6.63	x	4.41	8.35	x	12.07	x	16.33