PROVO RIVER

1 9 5 2

S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

1 9 5 2

CFS

MONTH	TOT	MAX	MIN	MEAN	ACFT
Apl	36469	2525	432	1215	72335
May	70260	3012	1668	2266	139360
Jun	44302	2238	803	1477	87872
Jly	18648	776	525	602	36988
Aug	16487	612	492	532	32701
Sep	13787	482	433	460	27346
Max	-	3012			
Min	-	-	432		
Mean				1093	
Total	-	-	-	-	396602

- - - - - -

S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

MEAN CFS

1943-1952

Year	Apl	May	Jun	Jly	Aug	Sep	Aft	Seven Year Moving Average
1943	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	150460
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	243833	192527
51	576	1063	898	365	331	292	213265	197522
52	1215	2266	1477	602	532	460	396602	228171

- - - - - - -

NATURAL
PROVO RIVER
UTAH VALLEY
1 9 5 2
CFS

Day	Apl	May	Jun	Jly	Aug	Sep
1	432	2405	2194	776	572	462
2	450	2505	2056	740	560	468
3	469	2828	2088	698	534	478
4	490	2907	2161	629	515	470
5	562	2944	2238	597	540	459
6	689	3012	2161	620	585	463
7	794	2883	2145	607	582	447
8	857	2581	2040	606	559	439
9	861	2220	2001	604	592	433
10	860	2028	1921	600	612	433
11	868	2045	1847	609	603	444
12	917	2246	1803	573	549	456
13	929	2358	1696	584	580	453
14	957	2609	1473	556	542	452
15	1005	2699	1423	563	518	460
16	987	2447	1279	553	497	457
17	975	1996	1107	569	493	455
18	1294	1717	1060	582	504	462
19	1360	1668	1047	584	409	439
20	1385	1743	1039	536	500	442
21	1455	2183	971	530	494	452
22	1382	2201	893	525	500	458
23	1470	1717	947	550	500	471
24	1610	1749	1080	547	507	482
25	1826	1748	1111	609	496	478
26	2145	1824	1006	616	517	470
27	2311	1896	980	635	512	473
28	2525	2113	874	639	492	480
29	2372	2344	858	585	503	474
30	2232	2256	803	612	511	477
31	x	2388	x	614	509	x
Tot	36469	70260	44302	18648	16487	13787
Max	2525	3012	2238	776	612	482
Min	432	1668	803	525	492	433
Mean	1215	2266	1477	602	532	460
Aft	72335	139360	87872	36988	32701	27346

396602

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
April 1952

	Vivian Park						Utah Valley						
Day	Rivr	Fork	Aqdt	Tot	Stor	Nat	To	Lk Dvtd	Wks	Aqdt	Tot	Infw	Nat
1	307	22	1	330	47	377						55	432
2	307	23	1	331	64	395						55	450
3	305	23	1	329	85	414	348	25	10	1	384	55	469
4	307	24	1	332	95	427						63	490
5	313	25	15	353	138	491						71	562
6	324	25	14	363	246	609						80	689
7	324	25	14	363	342	705	388	40	10	14	452	89	794
8	332	26	20	378	385	763						94	857
9	330	26	17	373	389	762						99	861
10	332	27	10	369	388	757						103	860
11	332	28	10	370	390	760	423	35	10	10	478	108	868
12	341	29	6	376	437	813						104	917
13	350	29	2	381	448	829						100	929
14	452	31	4	487	374	861	540	29	10	4	583	96	957
15	610	32	2	644	264	908						97	1005
16	767	33	-	800	89	889						98	987
17	940	34	2	976	-100	876						99	975
18	1010	35	5	1050	144	1194						100	1294
19	1040	37	5	1082	177	1259						101	1360
20	1230	37	5	1272	11	1283						102	1385
21	1320	38	5	1363	-11	1352	1400	50	11	5	1466	103	1455
22	1320	40	5	1365	-67	1298						84	1382
23	1380	42	5	1427	-22	1405						65	1470
24	1420	43	13	1476	88	1564						46	1610
25	1440	44	15	1499	300	1799	1440	57	14	15	1526	27	1826
26	1470	49	16	1535	592	2127						18	2145
27	1530	59	29	1618	684	2302						9	2311
28	1730	66	37	1833	692	2525	1600	136	14	37	1787	-	2525
29	1880	67	39	1986	386	2372						-	2372
30	1910	69	47	2026	206	2232						-	2232
x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tot	25653	1088	346	27087	7261	34348						2121	36469
Max													2525
Min													432
Mean													1215
Aft				*									72335

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
May 1952

	Vivian Park						Utah Valley						
Day	Rivr	Fork	Aqdt	Tot	Stor	Nat	To Lk	Dvtd	Wks	Aqdt	Tot	Infw	Nat
1	2000	68	50	2118	224	2342	1920	197	14	50	2181	63	2405
2	2200	78	52	2330	132	2462						43	2505
3	2310	82	62	2454	350	2804	2030	370	6	62	2478	24	2828
4	2330	91	82	2503	346	2849						58	2907
5	2530	88	65	2683	168	2851	2240	455	16	65	2776	93	2944
6	2700	84	65	2849	75	2924						88	3012
7	2810	85	63	2958	-158	2800	2390	572	16	63	3041	83	2883
8	2900	86	42	3028	-489	2539						42	2581
9	2980	74	20	3074	-854	2220	2420	560	16	20	3016	-	2220
10	2900	71	25	2996	-980	2016						12	2029
11	2790	72	40	2902	-879	2023						22	2045
12	2860	76	60	2996	-782	2214						32	2246
13	2920	80	70	3070	-754	2316	2350	676	16	70	3112	42	2358
14	2670	84	70	2824	-268	2556						53	2609
15	2480	89	70	2639	-4	2635						64	2699
16	2440	85	49	2574	-202	2372						75	2447
17	2200	70	25	2295	-386	1909	1730	615	12	25	2382	87	1996
18	1850	61	30	1941	-318	1623						94	1717
19	1520	49	56	1625	-58	1567						101	1668
20	1220	56	50	1326	309	1635						108	1743
21	1170	65	21	1256	812	2068						115	2183
22	910	65	21	996	1084	2080						121	2201
23	460	57	21	538	1052	1590	330	302	12	21	665	127	1717
24	539	52	20	611	1000	1611						138	1749
25	572	51	20	643	955	1598	256	500	17	20	793	150	1748
26	554	54	20	628	1050	1678						146	1824
27	522	64	20	606	1148	1754						142	1896
28	528	70	20	618	1356	1974						139	2113
29	561	74	20	655	1553	2208	132	624	15	20	791	136	2344
30	561	82	20	663	1447	2110						146	2256
31	557	80	20	657	1575	2232	153	623	17	20	813	156	2388
Tot	55544	2243	1269	59057	8504	67560						2700	70260
Max													3012
Min													1668
Mean													2266
Aft													139360

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
June 1952

	Vivian Park						Utah Valley						
Day	Rivr	Fork	Aqdt	Tot	Stor	Nat	To Lk	Dvtd	Wks	Aqdt	Tot	Infw	Nat
1	554	74	20	648	1508	2156						38	2194
2	751	67	46	864	1116	1980	259	618	17	46	940	76	2056
3	1170	64	72	1306	679	1985						103	2088
4	1290	60	51	1401	630	2031						230	2161
5	1190	60	51	1301	780	2081	705	685	17	51	1458	157	2238
6	1400	67	51	1518	558	2076						85	2161
7	1720	74	46	1840	292	2132	1110	681	16	46	1853	13	2145
8	1830	67	45	1942	92	2034						6	2040
9	1870	62	44	1976	25	2001	1190	705	16	44	1955	-	2001
10	1710	58	45	1813	65	1878						43	1921
11	1740	52	51	1843	-82	1761						86	1847
12	1590	50	50	1690	-15	1675	1040	712	16	50	1816	128	1803
13	1360	47	50	1457	105	1562	815	710	16	50	1591	134	1696
14	1260	42	50	1352	12	1364						109	1473
15	1250	41	50	1341	-2	1339	650	707	18	50	1425	84	1423
16	995	38	50	1083	65	1148						131	1279
17	798	35	44	877	52	929	313	690	18	44	1055	178	1107
18	793	30	50	873	24	897	290	688	18	50	1036	163	1060
19	785	29	50	864	24	888	256	699	18	50	1023	159	1047
20	785	24	50	859	-3	856						183	1039
21	702	28	50	780	-16	764	200	725	12	50	987	207	971
22	619	28	45	692	24	716	130	682	12	45	869	177	893
23	582	24	40	645	118	764	74	703	121	40	829	183	947
24	649	33	25	707	239	946						134	1080
25	940	36	26	1002	24	1026						85	1111
26	975	35	16	1026	-57	969	387	648	12	16	1063	37	1006
27	955	33	10	998	-44	954	435	567	12	10	1024	26	980
28	755	32	10	797	-3	794						80	874
29	660	30	10	700	24	724	216	593	15	10	834	134	858
30	664	32	20	716	-16	700	140	644	15	20	819	103	803
x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tot	32342	1352	1218	34912	6218	41130						3172	44302
Max													2238
Min													803
Mean													1477
Aft													87872

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
July 1952

	Vivian Park						Utah Valley						
Day	Rivr	Fork	Adqt	Tot	Stor	Nat	To Lk	Dvtd	Wks	Aqdt	Tot	Infw	Nat
1	619	33	30	682	-42	640	95	678	15	30	818	136	776
2	597	33	34	664	-41	623	42	690	15	34	781	117	740
3	590	34	40	664	-72	592	26	689	15	40	770	106	698
4	532	35	38	605	-92	513	22	644	17	38	721	116	629
5	528	35	34	597	-84	513	19	611	17	34	681	84	597
6	528	36	34	598	-81	517						103	620
7	522	36	34	592	-107	485	17	646	17	34	714	122	607
8	518	35	34	587	-106	481	10	651	17	34	712	125	606
9	504	36	40	580	-106	474	9	644	17	40	710	130	604
10	497	39	44	580	-108	472	9	638	17	44	708	128	600
11	487	38	40	565	-98	467	9	641	17	40	707	142	609
12	480	40	29	549	-90	459	8	609	17	29	663	114	573
13	490	38	23	551	-78	473						111	584
14	504	32	26	562	-115	447	10	618	17	26	671	109	556
15	504	35	32	571	-129	442	10	633	17	32	692	121	563
16	504	39	34	577	-150	427						126	553
17	500	39	40	579	-140	439	13	639	17	40	709	130	569
18	497	38	45	580	-136	444	12	644	17	45	718	138	582
19	490	37	43	570	-124	446						138	584
20	490	36	41	567	-169	398	11	636	17	41	705	138	536
21	494	33	40	567	-178	389	12	639	17	40	708	141	530
22	490	38	45	573	-193	380	12	644	17	45	718	145	525
23	487	38	50	575	-184	391	13	654	17	50	734	159	550
24	494	41	50	585	-184	401	15	649	17	50	731	146	547
25	494	42	39	575	-113	462						147	609
26	487	41	40	568	-100	468						148	616
27	487	42	39	568	-82	486	27	636	15	39	717	149	635
28	480	42	37	559	-72	487						152	639
29	470	43	41	554	-124	430	22	631	15	41	709	155	585
30	477	43	50	570	-106	464	17	636	15	50	718	148	612
31	477	43	48	568	-106	462	12	645	15	48	720	152	614
Tot	15718	1170	1194	18082	-3510	14572						4076	18648
Max													776
Min													525
Mean													602
Aft													36988

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
August 1952

	Vivian Park											Utah Valley	
Day	Rivr	Fork	Aqdt	Tot	Stor	Nat	To Lk	Dvtd	Wks	Aqdt	Tot	Infw	Nat
1	466	40	42	548	-124	424						148	572
2	466	44	42	552	-136	416	8	631	15	42	696	144	560
3	477	44	25	546	-148	398	8	634	15	25	682	136	534
4	473	44	33	550	-148	402	8	607	15	33	663	113	515
5	477	41	42	560	-148	412						128	540
6	473	44	50	567	-125	442	8	637	15	50	710	143	585
7	477	45	52	574	-142							150	582
8	477	42	48	567	-166	401	10	652	15	48	725	158	559
9	473	46	38	557	-144	443						149	592
10	470	47	32	549	-76	473	20	622	14	32	688	139	612
11	466	46	27	539	-78	461						142	603
12	466	50	46	562	-158	404						145	549
13	470	49	46	565	-134	431	18	636	14	46	714	149	580
14	463	48	30	541	-134	407						135	542
15	473	47	22	542	-46	396	17	611	14	22	664	122	518
16	460	47	16	523	-148	375						122	497
17	443	47	28	518	-148	370	11	585	17	28	641	123	493
18	446	47	40	533	-153	380	13	587	17	40	657	124	504
19	450	46	51	547	-159	388						121	509
20	443	45	39	527	-145	382						118	500
21	450	45	29	524	-144	380	11	581	17	29	638	114	494
22	456	42	29	527	-144	383						117	500
23	453	41	30	524	-145	379	10	590	15	30	645	121	500
24	453	46	31	530	-144	386						121	507
25	456	44	31	531	-157	374						122	496
26	477	49	37	563	-168	395	18	615	15	37	685	122	517
27	473	49	38	560	-157	403	22	594	15	38	669	109	512
28	453	48	31	532	-144	388						104	492
29	450	49	25	524	-120	404						99	503
30	450	49	25	524	-106	418	24	553	15	25	617	93	511
31	450	49	25	524	-108	416						93	509
Tot	14330	1420	1080	16830	-4267	12563						3924	16487
Max													612
Min													492
Mean													532
Aft													32701

PROVO RIVER
VIVIAN PARK AND UTAH VALLEY
Daily Discharge In Second Feet
September 1952

	Vivian Park						Utah Valley						
Day	Rivr	Fork	Aqdt	Tot	Stor	Nat	To Lk	Dvtd	Wks	Aqdt	Tot	Infw	Nat
1	450	48	25	523	-173	350	22	573	15	25	635	112	462
2	450	48	25	523	-172	351						117	468
3	456	49	35	540	-184	356	22	590	15	35	662	122	478
4	456	48	35	539	-195	344						126	470
5	456	49	44	549	-221	328	21	600	15	44	680	131	459
6	460	49	50	559	-233	326	21	610	15	50	696	137	463
7	456	47	45	548	-233	315						132	447
8	456	48	39	543	-230	313	17	598	15	39	669	126	439
9	456	49	39	544	-229	315						118	433
10	463	49	41	553	-229	324	22	584	15	41	662	109	433
11	470	50	38	558	-229	329						115	444
12	473	49	31	553	-217	336	48	579	15	31	673	120	456
13	470	49	31	550	-214	336						117	453
14	470	50	31	551	-213	338	48	571	15	31	665	114	452
15	470	50	36	556	-213	343						117	460
16	470	49	43	562	-225	337						120	457
17	463	50	43	556	-225	331	60	562	15	43	680	124	455
18	456	50	43	549	-211	338						124	462
19	446	47	43	536	-220	316	55	546	15	43	659	123	439
20	450	47	43	540	-221	319						123	442
21	460	47	43	550	-221	329						123	452
22	463	50	43	556	-221	335	86	534	16	43	679	123	458
23	446	50	43	539	-196	343						128	471
24	427	51	43	521	-171	350	64	530	16	43	653	132	482
25	417	51	42	510	-160	350						128	478
26	414	49	43	506	-160	346						124	470
27	420	50	43	513	-160	353	49	527	14	43	633	120	473
28	430	49	43	522	-160	362						118	480
29	427	48	43	518	-160	358	66	511	14	43	634	116	474
30	427	48	43	518	-158	360	65	513	14	43	635	117	477
x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tot	13528	1468	1189	16185	-6054	10131						3656	13787
Max													482
Min													433
Mean													460
Aft													27346

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

Daily Discharge, in second feet. of Provo River at Vivian Park, Utah, for the year ending September 30,1952.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apl.	May	Jun.	Jly.	Aug.	Sept.
1	358	310	313	/	377	/	307	2000	554	619	466	450
2	364	307	316		350		307	2200	751	597	466	450
3	358	307	313		350		305.	2310	1170	590	477	456
4	308	307	313	300	318		307	2330	1290	532	473	456
5	262	307	313		302		313	2530	1190	528	477	456
6	262	307	310		/		324	2700	1400	528	473	460
7	262	307	307	/			324	2810	1720	522	477	456
8	260	307	305	302			332	2900	1830	518	477	456
9	260	305	/	299		300	330	2980	1870	504	473	456
10	262	305		302			332	2900	1710	497	470	463
11	273	305		299			332	2790	1740	487	466	470
12	260	296		299			341	2860	1590	480	466	473
13	260	273		299			350	2920	1360	490	470	470
14	260	275		299			452	2670	1260	504	463	470
15	262	288		299			610	2480	1250	504	473	470
16	262	294		299			767	2440	995	504	460	470
17	260	294		296		/	940	2200	798	500	443	463
18	260	294		299		/	1010	1850	793	497	446	456
19	265	294		299	300		1040	1520	785	490	450	446
20	270	299	305	299			1230	1220	785	490	443	450
21	270	302		299			1320	1170	702	494	450	460
22	270	299		302			1320	910	619	490	456	463
23	270	299		299		290	1380	460	582	487	453	446
24	267	299		302			1420	539	649	494	453	427
25	267	296		305			1440	572	940	494	456	417
26	267	296		299			1470	554	975	487	477	414
27	280	294		296			1530	522	955	487	473	420
28	291	313		333		/	1730	528	755	480	453	430
29	302	313		401	/	300	1880	561	660	470	450	427
30	310	313		398	X	305	1910	561	664	477	450	427
31	310	x	/	398	x	310	x	557	x	477	450	x
	8692	9005	9505	9622	8897	9205	25653	55544	32542	15718	14330	13528
Mean	280	300	307	310	307	297	855	1792	1078	507	462	451
Aft	17240	17860	18850	19080	17650	18260	50880	110200	65150	31180	28420	26830

Year mean 579
Acre feet 420600

Unpublished Records
Subject to Revision

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

Daily discharge, in second feet, of South Fork Provo River at Vivian Park, Utah, for the year ending September 30,1952.

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
1	30	32	26	24	24	23	22	68	74	33	40	48
2	30	33	27	23	24	23	23	78	67	33	44	48
3	32	32	26	24	24	23	23	82	64	34	44	49
4	32	32	26	24	24	23	24	91	60	35	44	48
5	31	31	27	24	24	23	25	88	60	35	41	49
6	30	30	26	24	24	23	25	84	67	36	44	49
7	30	31	26	24	24	23	25	85	74	36	45	47
8	29	30	26	24	24	24	26	86	67	35	42	48
9	29	30	25	24	22	24	26	74	62	36	46	49
10	29	31	25	24	22	23	27	71	58	39	47	49
11	30	31	24	24	22	23	28	72	52	38	46	50
12	30	36	24	24	22	22	29	76	50	40	50	49
13	30	32	24	24	22	22	29	80	47	38	49	49
14	30	31	24	24	22	22	31	84	42	32	48	50
15	31	30	24	24	22	22	32	89	41	35	47	50
16	32	30	24	24	23	22	33	85	38	39	47	49
17	31	29	25	24	23	22	34	70	35	39	47	50
18	31	29	26	24	22	20	35	61	30	38	47	50
19	32	29	26	24	22	20	37	49	29	37	46	47
20	32	29	25	24	22	21	37	56	24	36	45	47
21	32	29	24	24	22	21	38	65	28	33	45	47
22	32	28	26	24	22	20	40	65	28	38	42	50
23	31	28	26	24	22	21	42	57	24	38	41	50
24	31	28	25	25	23	21	43	52	33	41	46	51
25	31	27	25	26	22	22	44	51	36	42	44	51
26	31	26	24	24	23	22	49	54	35	41	49	49
27	30	26	24	24	22	22	59	64	33	42	49	50
28	31	26	25	24	23	23	66	70	32	42	48	49
29	32	26	26	24	22	22	67	74	30	42	49	48
30	31	26	26	24	x	24	69	82	32	43	49	48
31	30	x	25	24	x	24	x	80	x	43	49	x
	953	888	782	746	659	690	1088	2243	1352	1172	1420	1468
Mean	30.7	29.6	25.2	24.1	22.7	22.3	36.3	72.4	45.1	37.7	45.8	48.9
Aft	1890	1760	1550	1480	1310	1370	2160	4450	2680	2320	2820	2910

Year Mean 36.8
Acre Feet 26700

Unpublished Records
Subject to Revision

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

Daily discharge, in second feet, of Provo River at Provo, Utah for the year ending September 30, 1952.

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
1	42	333	336	352	412	343	348	1920	159	95	8.5	22
2	70	333	343	360	385	343	345	1930	359	42	8.5	25
3	124	336	336	355	383	338	348	2030	578	26	8.5	22
4	166	331	338	360	350	338	346	2000	775	22	8.0	21
5	168	331	345	360	338	338	360	2240	705	19	9.0	21
6	186	331	338	355	333	333	383	2420	835	22	8.0	21
7	193	321	333	350	333	333	388	2390	1110	17	8.0	20
8	193	319	328	348	324	333	409	2330	1190	10	9.5	17
9	194	314	324	348	333	340	404	2420	1190	9.0	12	18
10	205	314	331	345	328	338	406	2400	1100	9.0	20	22
11	214	314	338	345	328	340	423	2320	1110	9.0	25	38
12	203	326	338	343	331	333	436	2310	1040	7.6	19	48
13	203	292	336	343	326	331	447	2350	815	7.6	18	48
14	207	296	340	340	326	331	540	2260	695	9.5	18	48
15	234	305	340	340	324	328	760	1930	650	10	17	52
16	266	312	340	340	326	331	871	1870	509	12	12	55
17	273	310	343	340	331	328	993	1730	313	13	11	60
18	275	312	343	340	333	326	1050	1420	280	12	13	60
19	275	314	345	338	328	324	939	1160	256	15	17	55
20	281	314	343	336	333	324	1230	810	244	11	12	55
21	285	326	345	336	333	324	1400	785	200	12	11	64
22	285	328	348	333	331	317	1380	383	130	12	10	86
23	285	326	348	333	336	317	1330	330	74	13	10	79
24	288	331	350	336	333	321	1400	271	76	15	12	64
25	288	331	348	344	333	319	1440	256	250	32	13	51
26	290	321	348	382	336	321	1470	230	387	28	18	43
27	299	311	345	360	336	326	1470	178	435	27	22	49
28	312	343	348	358	336	324	1600	157	393	26	22	65
29	324	343	372	428	333	328	1750	132	216	22	20	66
30	331	338	375	428	x	343	1840	151	140	17	24	65
31	331	x	368	425	x	348	x	153	x	12	24	x
	7290	9656	10653	11001	9817	10261	26506	43266	16114	5937	448	1360
Mean	235	322	344	355	339	331	884	1396	537	19.2	14.5	45.3
Aft	14460	19150	21130	21820	19470	20350	52570	85820	31960	1180	880	2700

Year Mean 402
Acre Feet 291500

Unpublished Records
Subject to Revision

PRECIPITATION

PRECIPITATION FIVE STATIONS
1951x1952

	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
HEBER												
Prec	2.44	2.63	4.45	2.60	1.95	2.95	1.00	1.06	1.20	1.04	1.47	0.40
Normal	1.40	1.38	1.69	1.95	1.90	1.82	1.38	1.27	0.73	0.78	1.03	1.00
Depart	+1.04	+1.25	+2.76	+.65	+.05	+1.13	-.38	-.21	+.47	-.26	+.04	-.60
Month %	174	190	262	134	102	162	72	83	164	133	143	40
Tot Prec	2.44	5.07	9.52	12.12	14.07	17.02	18.02	19.08	20.28	21.32	22.79	23.19
Tot Norm	1.40	2.78	4.47	6.42	8.32	10.14	11.52	12.79	13.52	14.30	15.33	16.33
Accum	+1.04	+2.29	+5.05	+5.70	+5.75	-6.88	+6.50	+6.29	+6.76	+7.02	+7.46	+6.86
Percent	174	182	213	189	169	168	157	149	150	149	149	142
PROVO												
Prec	1.94	1.54	4.08	2.64	1.02	3.08	1.36	1.45	0.69	0.57	1.25	0.03
Normal	1.43	1.20	1.44	1.52	1.54	1.55	1.38	1.48	0.74	0.62	0.84	0.88
Depart	+.51	+.34	+2.64	+1.12	-.52	+1.53	-.02	-.03	-.05	-.05	+.41	-.85
Month %	136	128	283	174	66	199	101	98	96	92	149	3
Tot Prec	1.94	3.48	7.56	10.20	11.22	14.30	15.66	17.11	17.80	18.37	19.62	19.65
Tot Norm	1.43	2.63	4.07	5.59	7.13	8.68	10.06	10.54	12.28	12.90	13.74	14.62
Accum	+.51	-.85	+3.49	+4.61	+4.09	+5.62	+5.60	+5.57	+5.52	+5.47	+5.88	+5.03
Percent	136	132	186	182	158	163	148	148	145	142	143	134
SALT LAKE CITY												
Prec	2.80	1.57	2.68	1.03	1.51	3.91	2.39	0.88	1.23	0.77	0.44	0.07
Normal	1.44	1.35	1.43	1.31	1.57	1.98	2.05	1.92	0.80	0.51	0.85	0.98
Depart	+1.36	+.22	+1.25	+.62	-.06	+1.93	+.34	-1.04	+.43	+.26	-.41	-.91
Month %	195	116	187	147	96	198	117	46	154	151	52	7
Tot Prec	2.80	4.37	7.05	8.98	10.49	14.40	16.79	17.67	18.90	19.67	20.11	20.18
Tot Norm	1.44	2.79	4.22	5.53	7.10	9.08	11.13	13.05	13.85	14.36	15.21	16.19
Accum	+1.36	+1.58	+2.83	+3.45	+3.39	+5.32	+5.66	+4.62	+5.05	+5.31	+4.90	+3.99
Percent	195	157	167	162	148	159	151	135	136	137	132	124
BRIGHTON												
Prec	4.57	6.35	9.95	6.75	4.97	9.04	2.17	2.95	1.67	1.07	2.05	0.22
Normal	3.17	4.05	4.94	4.70	5.31	5.33	4.08	2.54	1.71	1.48	1.93	1.97
Depart	+1.40	+2.30	+5.01	+2.05	-.34	+3.71	-1.91	+.41	-.04	-.41	+.12	-1.75
Month %	144	157	201	165	94	169	53	116	98	72	106	11
Tot Prec	4.57	10.92	20.87	27.62	32.59	41.63	43.80	46.75	48.42	49.49	51.54	51.76
Tot Norm	3.17	7.22	12.16	16.86	22.17	27.50	31.58	34.12	35.83	37.31	39.24	41.21
Accum	+1.40	+3.70	+8.71	+10.76	+10.42	+14.13	+12.22	+12.63	+12.59	+12.18	+12.30	+10.55
Percent	144	151	171	163	147	151	139	137	135	133	131	126
SNAKE CREEK												
Prec	2.98	4.22	6.87	3.99	3.57	6.38	1.20	1.20	1.00	1.18	1.01	0.16
Normal	1.72	2.03	2.80	2.95	3.02	2.57	2.07	1.42	0.92	1.03	1.24	1.13
Depart	+1.26	+2.19	+4.07	+1.04	+.55	+4.21	-.87	-.22	+.08	+.15	-.23	-.97
Month %	172	208	246	135	118	264	58	85	109	115	81	14
Tot Prec	2.98	7.20	14.07	18.06	21.63	28.41	29.61	30.81	31.81	32.99	34.00	34.16
Tot Norm	1.72	3.75	6.55	9.50	12.52	15.09	17.16	18.58	19.50	20.53	21.77	22.90
Accum	+1.26	+3.45	+7.52	+8.56	+9.11	+13.32	+12.45	+12.23	+12.31	+12.46	+12.23	+11.26
Percent	172	192	214	190	173	188	171	166	163	161	156	149
AVERAGE												
Prec	2.95	3.26	5.60	3.58	2.60	5.15	1.62	1.51	1.16	0.93	1.24	0.18
Normal	1.83	2.00	2.46	2.49	2.67	2.65	2.19	1.73	0.98	0.88	1.18	1.19
Depart	+1.12	+1.26	+3.14	+1.09	-.07	+2.50	-.57	-.22	+.18	+.05	+.06	-1.01
Month %	161	163	228	144	98	194	74	87	118	106	105	10
Tot Prec	2.95	6.21	11.81	15.39	17.99	23.14	24.76	26.27	27.43	28.36	29.60	29.78
Tot Norm	1.83	3.83	6.29	8.78	11.45	14.10	16.29	18.02	19.00	19.88	21.06	22.25
Accum	+1.12	+2.38	+5.52	+6.61	+6.54	+9.04	+8.47	+8.25	+8.43	+8.48	+8.54	+7.53
Percent	161	162	188	175	157	164	152	146	144	143	144	134

WATER SUPPLY
March 31,1952

Precipitation Six Months Oct.1- Mar 31

Station	1952	1951	Normal	1952 %Normal
Heber City	17.02	10.30	10.14	168
Provo AP	14.30	6.96	8.68	163
S Lake Cty	14.40	6.49	9.08	159
Brighton	41.63	32.87	27.50	151
Snake Crk	28.41	16.82	15.09	188
Average	23.14	14.69		164
% Normal	164	105		

%Normal & Altitude

Station	Alt	% Nor
Provo River:		
Provo	4453	163
Heber	5593	168
Daniels	8000	222
Soapstone	7800	211
Trial Lake	9800	153
Weber River		
Ogden	4400	160
Smith-more	7600	191
Up Red Mine	9000	172

STORAGE

Year	Utah Lake Gage	Utah Lake Aft	Straw Resr Aft	Deer Lake Aft	Echo Resr Aft
1952	+0.57	905,500	131,000	111,594	13,300
1951	-0.72	782,000	119,200	127,015	48,200
1950	-0.65	788,600	97,200	120,715	43,900

ANOW SURVEYS:

	Elev	1952 S	1952 W	1951 S	1951 W	Nor W	1952 % Nor
Timp Divid	8200	107.4	43.6	61.3	25.4	25.3	172
Daniels	8000	89.0	31.8	37.9	12.8	14.3	222
Soapstone	7800	64.5	24.0	45.3	13.7	11.4	211
Trial Lake	9800	108.2	39.3	88.6	33.9	25.7	153
Long Lake	10300			101.1	39.3		
Smith-More	7600	65.3	24.3	42.3	14.9	12.7	191
Up Redmine	9000	89.9	34.5	55.6	21.2	20.0	172

GRAND SUMMARY
STORAGE 1952

GRAND SUMMARY
STORAGE 1952

Name	Bal Oct 15 1951	Impd	Bot	Exch Rec'd	To Exch	Sold	Loss	Drft	Bal Oct.15 1952
Deer Prjt:									
Deer	118051	39916	941			26085	8247	2126	122450
PRWUCo.:									
Deer	130		1142	3213		130		4016	339
Echo	0	2778		222	2088			912	0
HRS	0	4583			1347		174	3062	0
U P & L									
Deer	564	8249						8597	306
Salt Lake									
Deer	9		7030		271			7281	-513
Echo				271				271	0
Highland									
Deer	378		4757		478	378		4212	67
Echo				478				478	0
Dist Comy									
Deer	0		9725		1339			8386	0
Echo				1339				1339	0
Provo City									
Deer	413		449			413		178	271
HRS	0	784				784			0
Dixon									
Deer	20		100			20			100
Pl Grove									
Deer	0		1200					1200	0
Orem									
Deer	0		557					462	95
S Kamas									
Deer	0		500		500				0
HRS	0		534	500			21	1013	0
Washington									
Deer	0		500		500				0
HRS	0	871	250	500			45	1576	0
Hewlett									
Deer			125		125				0
HRS	0			125				125	0
Extension									
HRS	0	449		222			27	644	0
Echo		222			222				0
Wasatch									
HRS	0	1681					67	1614	0
Timpanogus									
HRS	0	2403					96	2307	0
Totals	119565	61936	27810	6870	X 6870	27810	8677	49709	123115
		216181							

CC:STATE ENGR: J H STEELE: USBR PROVO: USGS: AND TO EACH NAME.
PRWUASSN.

DEER CREEK RESERVOIR

DEER CREEK RESERVOIR
Grand Summary
Year Ending Oct 15,1952
Acre Feet Storage

Name	Bal Oct 15 1951	Impd	Bot	Sold	Loss	Drft	Bal Oct 15 1952
Deer Prjt	118051	39916	941	26085	8247	2126	122450
Evap Loss	-	-	8247	-	8247	-	0
U P & L	564	8249	-	-	-	8507	306
Murdock:							
Deer Storage	130	-	4355	130	-	4016	339
Head River Stor	-	1331	-	-	-	1331	0
Salt Lake	9	-	7030	271	-	7281	-513
Highland	378	-	4757	856	-	4212	67
Dist Comy	0	-	9725	1339	-	8386	0
Provo City	413	-	449	413	-	178	271
Dixon Irr.	20	-	100	20	0	0	100
Pl Grove	0	-	1200	-	-	1200	0
Orem	0	-	557	-	-	462	95
Hewlett	0	-	125	125	-	-	0
South Kamas	0	-	500	500	-	-	0
Washington	0	-	500	500	-	-	0
RESERVOIR	119565	49496	-	-	8247	37699	123115
	169061		X		169061		
Total Head River Storage		1331				1331	
Total Deer Creek Storage	119565	48165	38486	30239	16494	36368	123115
	206216		X		206216		

Deer Storage
Utilized 25735 Aft (37699-2126-8507-1331)

DEER CREEK STORAGE
USED
YEAR ENDING
Oct. 15,1952

Name	Acre Feet
Murdock	4016
Salt Lake	7281
Highland	4212
Dist Comy	8386
Provo City	178
Pl Grove	1200
Orem	462
Total	25735

STORAGE SUMMARY DEER CREEK RESERVOIR

Year Ending October 15, 1952

Deer Creek Project

Date	Sheet	Impd P R	Impd W R	Bot	X Sold	Loss	Drft	Bal
1951								
Oct 15	57-51							118051
30	58				30			118921
31	59					246		117775
Nov 15	60					89		117686
30	61					88		117598
Dec 15	62					33		117565
18	63			941				118506
31	64					33	16	118457
1952								
Jan 4	1-54				50			118407
15	3					33	98	118276
31	4					33	995	117248
Feb 15	5					45	723	116480
18	6				57			116423
29	7					41	84	116298
Mar 11	8				2000			114298
15	9					153	90	114055
17	10				100			113955
31	11					168	96	113691
Apl 15	12	4916				315	24	118268
30	15	5457				339		123386
May 7	16	2376				238		125524
6	17				2000			123524
15	20	10020				272		113232
31	22	24751				534		137449
Jun 15	23	11526				745		148230
30	24	910				723		148417
Jly 3	25				1024			147393
7	26				78			147315
10	27				2826			144489
15	28					755		143734
17	29				100			143634
17	30				1000			142634

Deer Creek Project

Date	Sheet	Impd P R	Impd W R	Bot	X Sold	Loss	Drft	Bal
1952								
Jly 18	31				1000			141634
18	32				1000			140634
25	33				2000			138634
31	34					820		137814
Aug 4	35				1500			136314
4	36				125			136189
8	37				500			135689
8	38				282			135407
11	39				218			135189
15	40					675		134514
15	41				100			134414
21	42				2000			132414
21	43				2000			130414
31	44					682		129732
Sep 4	45				1520			128212
4	46				1000			127212
12	47				200			127012
15	48					477		126525
16	49				50			126485
19	50				1750			124735
23	51				1000			123735
30	52					462		123273
Oct 3	53				100			123173
15	54				475			
15	55					248		122450
Totals		39916	- 158908	941	26085 X	8247	2126A 158908	122450

A- Flowed Through Aqueduct for testing.

Summary Deer Creek Storage 1952

EVAPORATION LOSSES

Date		Sheet	Loss	Alot	Bal
1951					
Oct	15	57			0
	31	59	246	246	0
Nov	15	60	89	89	0
	30	61	88	88	0
Dec	15	62	33	33	0
	31	64	33	33	0
1952					
Jan	15	3	33	33	0
	31	4	33	33	0
Feb	15	5	45	45	0
	29	7	41	41	0
Mar	15	9	153	153	0
	31	11	168	168	0
Apl	15	12	315	315	0
	30	15	339	339	0
May	7	16	238	238	0
	15	20	272	272	0
	31	22	534	534	0
Jun	15	23	745	745	0
	30	24	723	723	0
Jly	15	28	755	755	0
	31	34	820	820	0
Aug	15	40	675	675	0
	31	44	782	682	0
Sep	15	48	477	477	0
	30	52	462	462	0
Oct	15	55	248	248	0
Total			8247	8247	0

- - -

Summary Deer Creek Storage 1952

U P & L Olmsted Plant

Date		Sheet	Impd	Drft	Bal
1951					
Oct	15	57			564
	31	59	992		1556
Nov	15	60	377		1933
	30	61	288		2221
Dec	15	62		1406	815
	31	64		438	377
1952					
Jan	15	3		549	-172
	31	4	56		-116
Feb	15	5	1092		-1208
	29	7	1249		-2457
Mar	15	9	903		-3360
	31	11	812		-4172
Apl	15	12	3290		-882
	30	15	882		0
Jly	15	28	717		717
	31	34	829		1546
Aug	15	40	690		2236
	31	44		746	1490
Sep	15	48		930	560
	30	52		382	178
Oct	15	55	128		306
Totals			8249	8507	306
			8813	8813	

CC: USBR PROVO
UP&L

Storage Summary Deer Creek Reservoir

Provo Reservoir Water Users Company

Date	Sheet	Impd	Rot	Sold	Drft	Bal
1951						
Oct 15	57				6	130
31	59					130
Nov 30	61					130
Dec 18	63			130		0
1952						
Jly 3	25		142			142
15	28		1843			1985
17	30		1000			2985
31	34	125a	245		70	3285
Aug 1	36		125			3410
8	37		500			3910
8	38		282			4192
11	39		218			4410
15	40	478a				4888
31	44	728a				5616
Sep 15	48				1738	3878
30	52				1840	2038
Oct 15	55				1699	339
Totals		1331	4355	130	5347	339
		5816			5816	

CC: PRWUASSN:
PROVO

Summary Deer Creek Storage 1952

Salt Lake City Thru Aqueduct

Date	Sheet	Bot	Sold	Drft	Bal
1951					
Oct 15	57				9
30	58	30			39
31	59			39	0
1952					
Mar 11	8	200			2000
31	11				2000
Apl 30	15				2000
Jly 15	28		271	689	1040
25	33	2000			3040
31	34			1293	1747
Aug 15	40			1095	652
21	43	2000			2652
31	44			962	1690
Sep 15	48			1048	642
23	51	1000			1642
30	52			1266	376
Oct 15				889	-513
Totals		7030	271	7281	-513
		7039		7039	

Summary Deer Creek Storage 1952

Highland Conservation District

Date	Sheet	Bot	Sold	Draft	Bal
1951					
Oct 15	57				378
31	59				378
Nov 30	61				378
Dec 18	63		378		0
1952					
Jly 3	25	411			411
10	27	2874			3237
15	28		478	108	2651
31	34			832	1819
Aug 15	40			780	1039
31	44			832	207
Sep 4	45	1520			1727
15	48			780	947
30	52			670	277
Oct 15	55			210	67
Totals		4757	856	4212	67
		5135 x		5135	

Summary Deer Creek Storage 1952

Utah Lake Distriburing Company

Date	Sheet	Bot	Sold	Drft	Bal
1951					
Oct 15	57				0
1952					
May 6	7	2000			2000
Jly 15	28		1094	36	870
18	31	1000			1870
31	34		245	1355	270
Aug 4	35	1500			1770
15	40			1500	270
21	42	2000			2270
31	44			1520	750
Sep 4	46	1000			1750
15	48			1500	250
19	50	1750			2000
30	52			1500	500
Oct 15	54	475			975
15	55			975	0
Totals		9725	1339	8386	0
		9725 x		9725	

Summary Deer Creek Storage 1952

PROVO CITY CORPORATION

Date	Sheet	Bot	Sold	Drft	Bal
1951					
Oct 15	57				413
31	59				413
Nov 30	61				413
Dec 18	63		413		0
1952					
Jly 3	25	449			449
31	34			41	408
Aug 15	40			7	401
31	44				401
Sep 15	48				401
30	52				401
Oct 15	55			130	271
Totals		449	413	178	271
		862 X		862	

Summary Deer Creek Storage 1952

Orem Metro District

Date 1952	Sheet	Bot	Sold	Drft	Bal
Jan 4	1	50			50
15	3			24	26
31	4			13	13
Feb 15	5			9	4
18	6	57			61
29	7			28	33
Mar 15	9			28	5
17	10	100			105
31	11			30	75
Apl 15	12			8	67
30	15				67
Jly 15	28			62	5
17	29	100			105
31	34			75	30
Aug 15	40			55	-25
15	41	100			75
31	44			47	28
Sep 15	48			44	-16
16	49	50			34
30	52			24	10
Oct 3	53	100			110
15	55			15	95
Totals		557		462	95
		557		557	

Summary Deer Creek Storage 1952

Dixon Irrigation Company

Date	Sheet	Bot	Sold	Drft	Bal
1951					
Oct 15	57				20
31	59				20
Nov 30	61				20
Dec 18	63		20		0
1952					
Jly 3	25	22			22
7	26	78			100
31					100
Aug 31	44				100
Sep 30	52				100
Oct 15	55				100
Totals		100	20	-	100
		120 X		120	

- - - - - - - - - - -

Pleasant Grove Irrigation Company

Date	Sheet	Bot	Sold	Drft	Bal
1952					
Jly 18	32	1000			1000
31	34			175	825
Aug 15	40			287	538
31	44			352	186
Sep 12	47	200			386
15	48			330	56
30	52			56	0
Oct 15	55				0
Totals		1200		1200	0

Summary Deer Creeek Storage 1952

South Kamas Irrigation Company

Date	Sheet	Bot	Sold	Drft	Bal
1952					
Aug 8	38	282	282		0
11	39	218	218		0
Totals		500	500		0

- - - - -

Washington Irrigation Company

Date	Sheet	Bot	Sold	Drft	Bal
1952					
Aug 8	37	500	500		0
Totals		500	500		0

- - - - -

Hewlett

Date	Sheet	Bot	Sold	Drft	Bal
1952					
Aug 4	36	125	125		0
Totals		125	125		0

- - - - -

STORAGE HEAD PROVO RIVER

STORAGE HEAD PROVO RIVER 1952

Series D
Acre Feet

Name	Impd	Bot	Sold	Loss	Drft	Bal
Murdock	4583	-	1347	174	3062	0
Extension	449	222		27	644	0
Wasatch	1681			67	1614	0
Timpanogus	2403			96	2307	0
Provo City	784		784			0
Washington	871	750		45	1576	0
S Kamas	-	1034		21	1013	0
Hewlett		125			125	0
Totasl	10771	2131	2131	430	10341	0
	12902			12902		

STORAGE HEAD PROVO RIVER

Murdock - Provo Reservoir Water Users Company

Date 1952	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 30	D1	4583					4583
Jly 15	D2						4583
31	D4			222	174	820	3367
Aug 4	36			125			3242
8	37			500			2742
8	38			282			2460
11	39			218			2242
15	D5					1393	849
31	D6					849	0
Totals		4583	=	1347	174	3062	0
		4583			4583		

Extension Irrigation Company

Date 1952	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 30	D1	449					449
Jly 15	D2						449
31	D4		222		27	420	224
Aug 15	D5					224	0
Totals		449	222	x	27	644	0
		671			671		

Wasatch Irrigation Company

Date 1952	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 30	D1	1681					1681
Jly 15	D2					240	1441
31	D4				67	640	734
Aug 15	D5					600	134
31	D6					134	0
Totals		1681	x		67	1614	0
		1681			1681		

STORAGE HEAD PROVO RIVER

Timpanogus Irrigation Company

Date 1952	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 30	D1	2403					2403
Jly 15	D2					120	2283
Jly 31	D4				96	1540	647
Aug 15	D5					647	0
Totals		2403	X		96	2307	0
		2403			2403		

Provo City Corporation

Date 1952	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 30	D1	784					784
Jly 22	D3			784			0
Totals		784	x	784			0

Washington Irrigation Company

Date 1952	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
Jun 30	D1	871					871
Jly 22	D3		250				1121
31	D4				45	244	832
Aug 8	37		500				1332
15	D5					540	792
31	D6					576	216
Sep 15	D7					216	0
Totals		871	750	X	45	1576	0
		1621			1621		

STORAGE HEAD PROVO RIVER

South Kamas Irrigation Company

Date	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
1952							
Jly 22	D3		534				534
31	D4				21	60	453
Aug 8	38		282				735
11	39		218				953
15	D5					300	653
31	D6					362	291
Sep 15	D7					291	0
Totals			1034	x	21	1013	0
			1034		1034		

Hewlett Ranch Company

Date	Sheet	Impd	Bot	Sold	Loss	Drft	Bal
1952							
Jly 31	D4					20	-20
Aug 4	36		125				105
15	D5					105	0
Totals			125	x		125	0

Reservoirs

Date	Sheet	Impd.	Drft	Bal
1952				
Jun 30	D1	10771		10771
Jly 15	D2		591	10180
31	D4		4185	5995
Aug 15	D5		3800	2195
31	D6		1760	435
Sep 15	D7		435	0
Totals		10771	10771	0

ECHO STORAGE
SUMMARY
1 9 5 2
Acre Feet

Date 1952	Sheet	Recd Prvo Rivr	Infw	Loss	Net	Delivery Mur dock	Extn sion	Dist comy	High land	Salt lake
Jly 15	A1	2536	70	98	2358	515	-	1094	478	271
24	A2	696	27	27	642	397	-	245		
Totals		3222	97	125	3000	912	0	1339	478	271
Ownership					3000	2778	222			
						3000				
Transfer Deer Storage						+2088	-	-1339	-478	-271
Transfer Head River Storage						-222	+222			

- - - - - - - - - - - - - - - - - - - -

WEBER RIVER
TO
PROVO RIVER
SUMMARY
1 9 5 2
Acre Feet

Date 1952	Sheet	Acft
Jly 4	C1	173

- - - - - - - - - - - - -

U T A H L A K E

El-52 April 15,1952

Date	True Gage	Mean Gage	Mean Area 1000 Acres	Mean Aft 1000 Aft	Evap Mean Feet	Evap 1000 Aft	Echo Storage Stored Ratio	Echo Storage Stored Loss	Echo Storage Bal	Weber River Stored Ratio	Weber River Stored Loss	Weber River Bal
1951												
fd									270			201
Sep 30												
Oct 31	-2.93	-3.06	85.72	572.4	0.25	21.43	0005	11	259	0004	9	192
Nov 30	-2.41	-2.67	87.04	606.1	.09	6.73	0004	3	256	0003	2	190
Dec 31	-1.62	-2.02	89.17	663.3	.03	2.68	0004	1	255	0003	1	189
1952												
Jan 31	-.87	-1.24	91.71	733.9	.03	2.75	0003	1	254	0003	1	188
Feb 29	-0.32	-0.60	93.87	793.3	.04	3.17	0003	1	253	0002	1	187
Mar 31	+.57	+0.12	96.4	861.7	.18	17.35	0003	5	248	0002	4	183
Transferred to Deer Creek Reservoir:-												
Apl 5								1	247			
6								223	24			
7								24	0		183	0

DISTRIBUTION

OUTLINE DISTRIBUTION PROVO DIVISION 1952

	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 & 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 & 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	5.59	9.56	13.33	13.33
Wright Est Springs and River 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				

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

OUTLINE DISTRIBUTION PROVO BENCH CANAL 1952

One Share of	Is Equal Provo Bench	To Shares of North Union	Murdock PRWUCo	Dixon Irr Co
a. Provo Bench C & I Co	- - -	1.89	2.85	2.85
b. North Union Ir. Co	0.529	- - -	1.5	1.5
c. Murdock	0.351	0.663	- - -	1.0
d. Dixon Ir. Co.	0.351	0.663	1.0	- - -
		May 10 Jun 20 Cfs	Jun 20 Jly 20 Cfs	Jly 20 May 10 Cfs
e. One P B Share equals		0.05	.04525	.04074
f. One N U Share equals		0.02647	.02395	.02156
g. One Murdock share on duty 57,63,70 equals		0.01754	.01587	.01429
h. One Dixon share on duty 57,63,70 equals		0.01754	.1587	.01429
i. PBC&ICO Decree 1520.4 shares		76.01	68.77	61.89
j. Tanner Deed, Par 30, 5 shares		0.25	0.25	0.25
k. Tanner Deed 28 shares		1.24	1.24	1.24
l. Provo Res. Co. Deed, 250 shares		12.50	11.31	10.18
m. J D Dixon Deed, 31 shares		1.55	1.40	1.26
n. Provo Res. Co. Deed 120 shares		6.00	5.43	4.89
o. Total issued stock 1954.4 shares		97.55	88.40	79.71
p. Provo Res. Co. No Certificate 617.92 acre shares, Duty 57,63,70		10.84	9.81	8.83
q. Tanners, No Cert. 57.13 P B shares		2.86	2.59	2.33
r. Tanner Deeds 42.25 P B shares		2.11	1.91	1.72
9.00 N U shares		0.24	0.22	0.19
s. Dixon Ir. Co 32.75 Acre shares duty 57,63,70		0.57	0.52	0.47
t. Total		114.17	103.45	93.25
NORTH OPENING:-				
u. Provo Res. Co. 614.25 acre shares duty 57,63,70		10.78	9.75	8.77
v. Tanners 8.0 acre, Duty 57,63,70		0.14	0.13	0.11
w. Dixon Ir. Co. 54 acres dty 57,63,70		0.95	0.86	0.77
x. Total North Opening		11.87	10.74	9.65
y. PBC&ICO, P B "Storage Shares"	95.61	4.78	4.33	3.90

DISTRIBUTION PROVO BENCH CANAL 1952

Name	Provo Bench Shares	North Union Shares	Acres Shares	Equal To PB Shares	Per Cent
PBC&ICo	1954.4	-	-	1954.4	
Storage	95.61	-	-	95.61	
				2050.01	78.2
Provo Resr. W U Co	-	-	1232.17	432.49	16.5
Tanners	57.13	-	-	57.13	
			8	2.81	
				59.94	2.3
Tanner Deeds	42.25	-	-	42.25	
		9	-	4.75	
				47.0	1.8
Dixon Irr. Co.--	-	-	86.75	30.45	1.2
Totals				2619.89	100.0

OUTLINE DISTRIBUTION CITY CREEK 1952

Alfred Young Ditch Company

73.7 Acres

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

Totals

	May 10 Jun 20	Jun20 Jly 20	Jly 20 Sep 1	Sep 1 May 10
A B & C	1.29	1.17	1.05	1.05
ERBWCO	7.96	7.35	6.56	6.17
Rowe A Clinger	.327	.298	.262	.243
Birch Boyce	.300	.281	.246	.229
Elmer J Smith	.110	.100	.087	.079
Total	10.0	9.2	8.2	7.77

- - - - - - - - - - -

OUTLINE DISTRIBUTION PROVO DIVISION
1 9 5 2
LOSS AND GAIN ALLOWANCES
Second Feet

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

OUTLINE DISTRIBUTION NATURAL RIVER
WASATCH DAM
HEAD HEBER VALLEY
1 9 5 2
Second Feet

Name	Classes: 1	11	12	13	14	15	16	17	Total
Wasatch	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.

OUTLINE DISTRIBUTION NATURAL RIVER
WOODLAND
1 9 5 2
Second Feet

	Classes: 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

OUTLINE DISTRIBUTION NATURAL RIVER
OLMSTED DAM
1 9 5 2
Second Feet

Time	Utah Power & Light Co.	Provo Resr. W Users Co.	Utah Lake Distributing Company
First Class A	229 River x Ont. Tunnel 229X	3°	-
Second Cert 1989	-	134 River	-
" 2360	-	30 River	-
" 2370	-	50 Shingle Crk.	-
		(214) 217	
Third Cert 1125	200	-	-
Fourth	-	-	A
QUANTITY:			
0-232X	0-229X	0-3	-
232X-446X	229X	3-217	-
446X-646X	229X-429X	217	-
646X-646X,+A	429X	217	0-A

Legend: X- UP&L Ontario Tunnel Waters: ° - Wright Estate rights of PRWUCo; A- Utah Lake Distributing Company Waters by change of point of Diversion.

CANAL DISCHARGE
PROVO DIVISION

CANAL DISCHARGE PROVO DIVISION

SUMMARY

Year Ending Oct 15,1952

Acre Feet

Canal	Apl	May	Jun	Jly	Aug	Sep	Oct	Total
Murdock	276	14060	16188	17793	16511	14808	7175	86811
Provo Bench	- -	9009	10404	8891	9219	8106	3429	49148
Timpanogus	-	837	1188	930	942	840	324	5061
U E Union	110	750	1254	1172	1116	924	276	5602
City Creek	224	924	1308	930	1017	1254	504	6161
West Union	186	1358	1866	2034	1643	1032	411	8530
P&N and B&Y	-	273	378	279	347	342	171	1790
Provo City	-	2449	2754	3044	2697	2244	906	14094
Dry Creek	-	373	522	676	719	732	303	3325
Fort Field	-	-	384	347	440	360	183	1714
Lake Bottom	6	114	708	911	465	510	225	2933
Spring Creek	-	54	204	198	298	258	102	1114
Salt Lake City:								
Surplus	582	2307	2185	-	-	-	-	5074
Storage	39A	-	-	1982	2057	2314	889	7281
Orem City								
Surplus	100	231	253	-	-	-	-	584
Storage	140B	-	-	137	102	68	15	462

A-Oct to Apl; B - Oct To Apl.

DEER CREEK RESERVOIR

Daily End Of Day Gage and Acre Feet of Deer Creek Reservoir Year Ending Oct 31,1952

	November		December		January		February		March		Apl	
1	5403.77	120206	04.02	120760	03.08	118680	02.29	116948	00.84	113810	99.83	111657
2	.74	120140	.02	120760	.01	118524	.21	116774	.82	113767	.88	111763
3	.71	120073	.02	12060	02.94	118371	.14	116621	.08	113725	.95	111911
4	.68	120007	.03	120782	.87	118217	.08	116489	.78	113682	00.03	112080
5	.65	119940	.04	120804	.83	118130	.04	116402	.75	113618	.15	112336
6	.62	119874	.05	120827	.83	118130	.00	116314	.72	113554	.37	112806
7	.60	119830	03.99	120693	.83	118130	01.93	116163	.67	113447	.65	113468
8	.60	119830	.93	120560	.83	118130	.86	116012	.62	113341	01.03	114217
9	.61	119852	.87	120426	.83	118130	.79	115860	.57	113234	.38	114974
10	.62	119874	.78	120228	.83	118130	.72	115708	.52	113127	.73	115730
11	.67	119985	.68	120007	.83	118130	.68	115622	.47	113020	02.08	116489
12	.73	120117	.58	119786	.83	118130	.64	115535	.42	112913	.47	117342
13	.80	120262	.48	119565	.83	118130	.60	115449	.38	112827	.87	118217
14	.87	120427	.42	119431	.83	118130	.56	115363	.35	112763	03.20	118945
15	.93	120560	.37	119321	.83	118130	.52	115276	.32	112700	.43	119453
16	.90	120494	.35	119277	.82	118108	.48	115190	.26	112571	.50	119609
17	.86	120405	.33	119232	.81	118086	.44	115103	.20	112443	.40	119387
18	.82	120316	.33	119232	.80	118064	.40	115017	.15	112337	.52	119653
19	.80	120272	.33	119232	.78	118020	.36	114931	.10	112230	.67	119985
20	.84	120361	.32	119210	.76	117977	.32	114844	.05	112123	.67	119985
21	.88	120450	.30	119166	.75	117955	.27	114736	.01	112037	.65	119941
22	.92	120538	.28	119122	.74	117933	.22	114627	99.97	111953	.58	119786
23	.96	120627	.26	119079	.73	117911	.17	114519	.93	111868	.55	119720
24	04.00	120715	.24	119035	.72	117890	.12	114412	.89	111784	.62	119874
25	.03	120782	.22	118990	.75	117955	.07	114304	.85	11700	.88	120450
26	.05	120827	.20	118945	.78	118020	.02	114195	.82	111636	04.40	121611
27	.05	120827	.18	118901	.80	118064	00.97	114088	.79	111573	05.00	122955
28	.04	120804	.16	118856	.71	117868	.92	113981	.77	111531	.60	124316
29	.03	120782	.15	118834	.60	117627	.87	113874	.75	111489	.93	125064
30	.02	120760	.15	118834	.49	117386	x	x	.77	111531	06.10	125453
31	x	x	.15	118834	.38	117145	x	x	.80	111594	x	x

DEER CREEK RESERVOIR

Daily End Of Day Gage and Acre Feet of Deer Creek Reservoir Year Ending Oct 31,1952

	May		June		July		August		September		October	
1	5406.28	125866	13.93	144484	16.92	152350	15.13	147606	12.10	139821	06.67	126763
2	.38	126096	14.77	146666	.87	152217	.03	147343	11.95	139444	.50	126372
3	.67	126763	15.27	147975	.82	152084	14.92	147056	.79	139045	.33	125981
4	07.00	127521	.73	149187	.77	151951	.81	146770	.62	138622	.16	125591
5	.13	127824	16.30	150698	.75	151898	.70	146484	.43	138149	05.99	125200
6	.18	127940	.70	151764	.75	151898	.60	146224	.23	137651	.84	124860
7	.03	127591	.90	152297	.73	151844	.50	145964	.03	137153	.68	124497
8	06.59	126579	.95	152431	.71	151791	.40	145704	10.83	136662	.52	124135
9	05.83	124837	.95	152431	.70	151764	,35	145574	.63	136172	.36	123771
10	04.95	122843	.98	152510	.70	151764	.33	145522	.43	135682	.22	123454
11	.15	121051	.90	152297	.70	151764	.31	145470	.23	135192	.20	123409
12	03.43	119454	.87	152217	.70	151764	.70	151764	.23	145262	.18	123364
13	02.73	117911	.93	152377	.70	151764	.15	145054	09.85	134268	.15	123296
14	.47	117342	.92	152350	.67	151684	.07	144846	.66	133811	.11	123205
15	.45	117299	.90	152297	.62	151551	13.98	144613	.47	133353	.07	123115
16	.25	116861	.93	152377	.54	151338	.88	144356	.27	132871	.06	123091
17	01.88	116055	.95	152431	.46	151124	.78	144100	.07	132390	.05	123068
18	.57	115484	.95	152431	.38	150911	.68	143844	08.88	131937	.04	123046
19	.50	115233	.95	153431	.30	150698	.58	143386	,68	131464	.03	123023
20	.77	115817	.93	152377	.20	150431	.48	143330	.48	130990	.02	123000
21	02.50	117408	.90	152297	.09	150138	.38	143074	.28	130516	.01	122978
22	03.47	119542	.90	152297	15.96	149793	.28	142818	.08	130043	.02	123000
23	04.40	121611	.97	152484	.82	149424	.18	142560	07.90	129620	.03	123023
24	05.23	123577	17.13	152915	.68	149055	.08	142304	.74	129247	.04	123046
25	06.10	125453	.13	152915	.62	148897	12.97	142022	.59	128897	.05	123068
26	07.00	127521	.07	152753	.57	148765	.83	141668	.44	128547	.06	123091
27	.97	129783	.02	152618	.52	148634	.69	141314	.29	128197	.07	123114
28	09.10	132462	.00	152564	.47	148502	.56	140985	.14	127847	.09	123159
29	10.37	135536	.00	152564	.38	148265	.45	140706	06.99	127497	.11	123205
30	11.53	138398	16.97	152484	.30	148054	.35	140454	.84	127153	.13	123250
31	12.77	141516	x	x	.22	147844	.25	140200	x	x	.15	123296

SALT LAKE AQUEDUCT
Deer Creek Storage
Acre Feet
Year Ending Oct 15,1952

Day	1951x1952 Oct Salt Lake	Jan Orem	Feb Orem	Mar Orem	Apl Orem	July Salt Lake	July Orem	August Salt Lake	August Orem	September Salt Lake	September Orem	October Salt Lake	October Orem
1				1	2	53	7	81	4	48	2	84	2
2				2	2	62	6	79	4	50	2	72	2
3				3	3	76	4	46	4	68	2	65	1
4		2		2	2	73	4	59	7	68	2	65	1
5		2		2	-	64	4	79	5	86	2	58	2
6		2		2		63	4	96	4	98	2	55	1
7		2		2		64	3	100	4	87	3	56	-
8		2		2		64	4	93	2	76	2	56	
9		2		2		77	4	73	2	74	4	55	1
10		2		2		84	4	63	2	78	4	55	1
11		2	1	1		77	3	52	2	73	3	56	-
12		2	2	2		55	3	89	3	58	4	56	
13		2	2	2		42	4	88	4	58	4	56	
14		2	2	2		47	4	56	4	58	4	53	3
15		2	2	2		59	4	41	4	68	4	47	1
16	32	2	2	1		65	4	28	4	82	4		
17	7	2	2	2		74	6	51	4	83	3		
18	—	2	2	2		84	6	74	6	83	3		
19		2	2	2		81	5	97	5	84	2		
20		2	2	1		76	6	73	5	85	1		
21		2	2	2		75	6	54	4	86	-		
22		1	2	2		84	6	57	1	86			
23		-	2	2		94	6	60	-	86			
24			2	2		95	5	59	3	84	2		
25			2	2		77	1	58	4	83	3		
26			2	2		78	3	72	2	84	2		
27			2	2		74	4	74	2	85	1		
28			2	2		70	4	60	2	85	1		
29			2	2		78	4	48	2	85	1		
30			x	2		96	5	48	2	85	1		
31	x		x	2		92	4	49	1	x	x		
St	39	37	37	58	8	1982	137	2057	102	2314	68	889	15
Tot	39	37	74	132	140	2021	277	4078	379	6392	447	7281	462

SALT LAKE AQUEDUCT
"SURPLUS"
Acre Feet
Year Ending Oct 15, 1952

	April		May		June	
Day	Salt Lake	Orem	Salt Lake	Orem	Salt Lake	Orem
1			91	9	30	10
2			94	10	81	11
3			114	10	137	8
4			158	6	93	9
5	28	2	126	4	90	12
6	25	2	125	5	92	10
7	27	2	121	5	83	10
8	37	3	78	5	83	7
9	29	5	35	5	78	10
10	15	5	45	5	80	10
11	16	4	74	6	92	10
12	9	3	110	10	89	11
13	2	2	130	10	90	10
14	2	5	130	10	90	10
15	-	3	130	10	92	8
16			93	5	91	9
17	2	1	45	5	77	10
18	6	4	54	7	91	9
19	7	3	104	8	88	12
20	7	3	92	8	88	12
21	8	2	36	6	91	9
22	7	3	37	5	83	7
23	7	3	36	6	74	7
24	23	3	33	7	43	7
25	26	4	33	7	47	5
26	30	3	33	7	28	4
27	53	5	26	14	17	3
28	66	8	33	7	17	3
29	68	10	31	9	16	4
30	82	12	30	10	34	6
31	x	x	30	10	x	x
St	582	100	2307	231	2185	253
Tot	582	100	2889	331	5074	584

PROVO RESERVOIR WATER USERS COMPANY

SUMMARY

Oct 15,1951 To Oct 31,1952

	Bal Oct 15 1951	Impd	Bot	Sold	Loss	Drft	Bal Oct 31 1952
Deer Stor	130	0	4355	130	-	4016	339
Head Rivr Stor		4583	-	1347	174	3062	0
Echo Stor		(2778)	222	2088	-	912	0
Webr Rivr		-	-	-	-	-	-
Totals	130	7361	4577	3565	174	7990	339
		12068			12068		

MURDOCK CANAL

USE OF TOTAL DISCHARGE AND

SUMMARY

Oct 15,1951 To Oct 31,1952

Acre Feet

	Deer Stor	Echo Stor	Webr Rivr	Head Rivr Stor	Prvo Rivr	Total
Provo Resr. W U Co.	4016	912	0	3062		
Highland	4212	478	-	-		4690
Dist Comy	8386	1339	-	-		
Pl Grove	1200	-	-	-		1200
Totals	17814	2729	0	3062	63206	86811

- - - - - - - -

MURDOCK CANAL

Daily Discharge in Second Feet of Murdock Canal.
Fifteen Foot Parshall Flume And Stevens Recorder.
Seasons Ending October 31,1952.

Day	Apl	May	June	July	Aug	Sept	Oct
1		32.7	275.0	290.0	279.9	258.6	237.8
2		75.4	273.3	300.2	275.0	260.2	237.8
3		104.8	271.6	298.5	275.0	260.2	237.8
4		117.8	271.6	295.1	273.3	260.2	237.8
5		148.0	279.9	303.7	276.6	260.2	233.1
6		204.1	284.3	303.7	283.3	260.2	220.7
7		228.4	273.3	302.0	283.3	260.2	220.7
8		237.8	273.3	305.4	283.3	260.2	219.2
9		240.3	270.0	305.4	285.0	260.2	216.2
10		248.2	270.0	307.2	283.3	256.9	204.1
11		267.5	270.0	288.4	288.4	253.7	93.5
12		278.3	275.0	276.6	288.4	253.7	82.7
13		270.0	279.3	276.6	291.7	252.1	82.7
14		270.0	283.3	278.3	288.4	252.1	82.7
15		278.3	286.6	283.3	290.0	252.1	82.7
16		268.3	283.3	283.3	275.0	252.1	82.7
17		270.0	283.3	262.3	248.9	252.1	80.6
18	8.4	271.6	283.3	279.9	247.3	245.7	77.4
19	7.5	273.3	283.3	290.0	248.9	240.9	76.4
20	12.0	275.0	291.7	293.4	248.9	237.8	62.6
21	10.0	266.7	296.0	285.0	248.9	236.2	62.6
22		245.7	293.4	278.3	248.9	237.8	63.5
23	12.0	216.2	293.4	279.9	248.9	237.8	63.5
24		230.0	298.5	286.6	250.4	237.8	62.6
25	12.0	230.0	303.7	285.0	256.9	237.8	61.6
26		237.0	288.4	286.6	258.6	237.8	62.6
27		245.7	285.0	285.0	258.6	237.8	62.6
28	13.3	250.4	147.6	285.0	258.6	237.8	50.6
29		272.1	193.9	286.0	258.6	237.8	19.1
30		270.0	290.0	285.0	258.6	237.8	19.1
31	x	275.0	x	283.3	258.6	x	20.4
Mean	10.7	228.6	272.0	289.4	268.4	248.9	116.7
Aft	276	14060	16188	17793	16511	14808	7175

Grand Total 86,811 Acre Feet.

MURDOCK CANAL

Daily Discharge in Second Feet of Murdock Canal.
Fifteen Foot Parshall Flume And Stevens Recorder.
Seasons Ending October 31,1952.

Day	Apl	May	June	July	Aug	Sept	Oct
1		32.7	275.0	290.0	279.9	258.6	237.8
2		75.4	273.3	300.2	275.0	260.2	237.8
3		104.8	271.6	298.5	275.0	260.2	237.8
4		117.8	271.6	295.1	273.3	260.2	237.8
5		148.0	279.9	303.7	276.6	260.2	233.1
6		204.1	284.3	303.7	283.3	260.2	220.7
7		228.4	273.3	302.0	283.3	260.2	220.7
8		237.8	273.3	305.4	283.3	260.2	219.2
9		240.3	270.0	305.4	285.0	260.2	216.2
10		248.2	270.0	307.2	283.3	256.9	204.1
11		267.5	270.0	288.4	288.4	253.7	93.5
12		278.3	275.0	276.6	288.4	253.7	82.7
13		270.0	279.3	276.6	291.7	252.1	82.7
14		270.0	283.3	278.3	288.4	252.1	82.7
15		278.3	286.6	283.3	290.0	252.1	82.7
16		268.3	283.3	283.3	275.0	252.1	82.7
17		270.0	283.3	262.3	248.9	252.1	80.6
18	8.4	271.6	283.3	279.9	247.3	245.7	77.4
19	7.5	273.3	283.3	290.0	248.9	240.9	76.4
20	12.0	275.0	291.7	293.4	248.9	237.8	62.6
21	10.0	266.7	296.0	285.0	248.9	236.2	62.6
22		245.7	293.4	278.3	248.9	237.8	63.5
23	12.0	216.2	293.4	279.9	248.9	237.8	63.5
24		230.0	298.5	286.6	250.4	237.8	62.6
25	12.0	230.0	303.7	285.0	256.9	237.8	61.6
26		237.0	288.4	286.6	258.6	237.8	62.6
27		245.7	285.0	285.0	258.6	237.8	62.6
28	13.3	250.4	147.6	285.0	258.6	237.8	50.6
29		272.1	193.9	286.0	258.6	237.8	19.1
30		270.0	290.0	285.0	258.6	237.8	19.1
31	x	275.0	x	283.3	258.6	x	20.4
Mean	10.7	228.6	272.0	289.4	268.4	248.9	116.7
Aft	276	14060	16188	17793	16511	14808	7175

Grand Total 86,811 Acre Feet.

PROVO BENCH CANAL

Daily Discharge in Second Feet of Provo Bench Canal May-Oct,1952, 1.25'x14.3' Suppressed Weir and Burnham Submerged Orifice.

	MAY						JUNE					
	Weir		B S O			Tot	Weir		B S O			Tot
	G	Cfs	G		A	Cfs	G	Cfs	G		A	Cfs	Cfs
1		28.0				28.0							
2	144	94.5			0	94.5	196	155.5	8		6	23.9	179.4
3	147	97.7			0	97.7							
4													
5	184	140.4	14		6	30.5	170.9	190	147.9	14		30.5	178.4
6													
7	200	160.7	51/2			20.0	180.7	190	147.9	14		30.5	178.4
8													
9	196	155.5	14			30.5	186.0	190	147.9	14		30.5	178.4
10													
11	196	155.5	14			30.5	186.0						
12								190	147.9	14		30.5	178.4
13	190	147.9	14			30.5	178.4	190	147.9	14		30.5	178.4
14													
15								190	147.9	14		30.5	178.4
16													
17	197	156.8	7 1/2			23.2	180.0	182	137.9	14		30.5	168.4
18								186	142.8	14		30.5	173.3
19								186	142.8	14		30.5	173.3
20	176	130.6	14			30.5	161.1						
21								198	158.1	14		30.5	188.6
22								196	155.1	14		30.5	186.0
23							0	192	150.4	14		30.5	180.9
24													
25	166	118.8	14			30.5	149.3	200	160.7	14		30.5	191.2
26								190	147.9	14		30.5	178.4
27	192	150.4	8			23.9	174.3	164	116.4			0	116.5
28								185	141.6	7		22.4	164.0
29	196	155.5	8			23.9	179.4	185	141.6	7		22.4	164.0
30	196	155.5	8			23.9	179.4	198	158.1	14		30.5	188.6
31	196	155.5	8			23.9	179.4	x	x	x	x	x	x
Mean							145.3						174.9
Aft							9009						10494

PROVO BENCH CANAL

Daily Discharge in Second Feet of Provo Bench Canal May- Oct 1952

	JULY						AUGUST					
	Weir		B S O			Tot	Weir		B S O			Tot
	G	Cfs	G	A	Cfs	Cfs	G	Cfs	G	A	Cfs	Cfs
1	200	160.7	14	6	30.5	191.2	182	137.9	1 3/4	6	11.2	149.1
2	200	160.7	14		30.5	191.2	184	140.4	1 3/4		11.2	151.6
3	196	142.8	14		30.5	173.3	185	141.6	1 3/4		11.2	152.8
4	170	123.5	1 3/4		11.2	134.7	184	140.4	1 3/4		11.2	151.6
5	171	124.7	1 3/4		11.2	135.9	184	140.4	1 3/4		11.2	151.6
6	172	125.8	1 3/4		11.2	137.0	183	139.1	1 3/4		11.2	150.3
7	168	121.3	1 3/4		11.2	132.4	184	140.4	1 3/4		11.2	151.6
8	181	136.7	1 3/4		11.2	147.9	184	140.4	1 3/4		11.2	151.6
9	171	124.7	1 3/4		11.2	135.9	184	140.4	1 3/4		11.2	151.6
10	167	120.0	1 3/4		11.2	131.2	184	140.4	1 3/4		11.2	151.6
11	167	120.0	1 3/4		11.2	131.2	180	135.5	1 3/4		11.2	146.7
12	176	130.6	1 3/4		11.2	141.8	184	140.4	1 3/4		11.2	151.6
13	174	128.2	1 3/4		11.2	139.4	188	145.4	1 3/4		11.2	156.6
14	176	130.6	1 3/4		11.2	141.8	184	140.4	1 3/4		11.2	151.6
15	176	130.6	1 3/4		11.2	141.8	184	140.4	1 3/4		11.2	151.6
16	176	130.6	1 3/4		11.2	141.8						
17	176	130.6	1 3/4		11.2	141.8	184	140.4	1 3/4		11.2	151.6
18	176	130.6	1 3/4		11.2	141.8	166	118.8	1 3/4		11.2	130.0
19	176	130.6	1 3/4		11.2	141.8	170	123.5	1 3/4		11.2	134.7
20	170	123.5	1 3/4		11.2	134.7	175	129.4	1 3/4		11.2	140.6
21	172	125.8	1 3/4		11.2	127.0	174	123.2	1 3/4		11.2	139.4
22	172	125.8	1 3/4		11.2	137.0	182	137.9	1 3/4		11.2	149.1
23	174	128.3	1 3/4		11.2	139.4	184	140.4	1 3/4		11.2	151.6
24	173	127.0	1 3/4		11.2	138.2	182	137.9	1 3/4		11.2	149.1
25	174	128.2	1 3/4		11.2	129.4	180	135.5	1 3/4		11.2	146.7
26	174	128.2	1 3/4		11.2	139.4	184	140.4	1 3/4		11.2	151.6
27	174	128.2	1 3/4		11.2	139.4	184	140.4	1 3/4		11.2	151.6
28	171	124.7	1 3/4		11.2	135.9	180	135.5	1 3/4		11.2	146.7
29	174	128.2	1 3/4		11.2	139.4	183	139.1	1 3/4		11.2	150.3
30	178	133.0	1 3/4		11.2	144.2	182	137.9	1 3/4		11.2	149.1
31	181	136.7	1 3/4		11.2	147.9	180	135.5	1 3/4		11.2	146.7
Mean						143.4						148.7
Aft						8891						9219

PROVO BENCH CANAL

Daily Discharge in Second Feet of Provo Bench Canal May- Oct 1952.

	SEPTEMBER						OCTOBER					
	Weir			B S O		Tot	Weir			B S O		Tot
	G	Cfs	G	A	Cfs	Cfs	G	Cfs	G	A	Cfs	Cfs
1	188	145.4	1 3/4	6	11.2	156.6	116	66.8	9	6	25.4	92.2
2	188	145.4	1 3/4		11.2	156.6	131	81.2	9		25.4	106.6
3	188	145.4	1 3/4		11.2	156.6	183	139.1	9		25.4	164.5
4	190	147.9	1 3/4		11.2	159.1	130	80.2	9		25.4	105.6
5	188	145.4	1 3/4		11.2	156.6	140	90.3	9		25.4	115.7
6	190	147.9	1 3/4		11.2	159.1						
7	190	147.9	1 3/4		11.2	159.1	138	88.2	9		25.4	113.6
8	190	147.9	1 3/4		11.2	159.1						
9	190	147.9	1 3/4		11.2	159.1	130	80.2	9		25.4	105.6
10	164	116.4	8 1/2		24.7	141.2						
11	166	118.8	8 1/2		24.7	143.5	108	59.6	9		25.4	85.0
12	166	118.8	8 1/2		24.7	143.5						
13	166	118.8	8 1/2		24.7	143.5	166	118.8			0	118.8
14	166	118.8	8 1/2		24.7	143.5						
15							180	135.5			0	135.5
16	162	114.2	2 1/4		12.7	126.9	x	x	x		x	x
17	162	114.2	2 1/4		12.7	126.9						
18	164	116.5	2 1/4		12.7	129.2						
19	161	113.1	2 1/4		12.7	125.8						
20												
21	167	120.0			0	120.0						
22	155	106.4			0	106.4						
23	154	105.3			0	105.3						
24	150	100.9	2		12.0	112.9						
25	153	104.2	7 1/2		23.2	127.4						
26	148	98.7	9		25.4	124.1						
27	148	98.7	9		25.4	124.1						
28												
29		66.8	9		25.4	92.2						
30		66.8	9		25.4	92.2						
31	x	x	x		x	x						
Mean						135.1						114.3
Aft						8106						3429

Total May- Oct 49,148 Acre Feet.

TIMPANOGUS CANAL COMPANY CANAL

Daily Discharge in Second Feet of Timpanogus Canal Company Canal.
Nine Foot Burnham Submerged Orifice, May - Oct 1952

	MAY			JUNE			JULY		
	G	A	Cfs	G	A	Cfs	G	A	Cfs
1	3 1/2	6	15.8				3 1/8	6	15.0
2	3 7/8		16.7	4	.6	17.0	2 7/8		14.3
3	3 7/8		16.7				3		14.7
4							3		14.7
5	2 3/4		14.0	5 3/4		20.3	3		14.7
6							3 3/8		15.6
7	2 3/4		14.0	5 3/4		20.3	3 1/8		15.0
8							3 1/4		15.3
9	1 1/2		10.4	6 1/2		21.6	2 3/4		14.0
10							3 5/8		16.1
11							3 3/4		16.4
12				9		25.4	3 1/2		15.8
13	3 1/8		15.0	7 3/8		23.0	3 1/8		15.0
14							3 1/4		15.3
15				9 3/8		26.3	3 1/8		15.0
16							3		14.7
17	3 1/2		15.8	6 5/8		21.8	3		14.7
18				7 3/4		23.6	3 1/4		15.0
19				7 3/4		23.6	3		14.7
20			5.0				3 3/8		15.6
21				7		22.4	3 3/8		15.6
22				5		19.0	3 1/8		15.0
23	Ap		4.0	7 7/8		23/8	2 7/8		14.3
24							2 3/4		14.0
25	3		14.7				3		14.7
26				4 1/4		17.5	2 7/8		14.3
27	2 1/8		12.4	3 1/4		15.3	2 7/8		14.3
28				1 1/2		10.4	3 3/8		15.6
29	5 5/8		20.1	1		8.5	3 1/4		15.3
30				4 1/8		17.2	2 3/4		14.0
31	2 3/4		14.0	x		x	3 1/4		15.3
Mean			13.5			19.8			15.0
Aft			837			1188			930

TIMPANOGUS CANAL COMPANY CANAL

Daily Discharge in Second Feet of Timpanogus Canal Company Canal.
May- Oct 1952

	August			September			October		
	G	A	Cfs	G	A	Cfs	G	A	Cfs
1	3 1/4	6	15.3	3	6	14.7	1 5/8	6	10.8
2	3 1/3		15.8	3		14.7			
3	3 1/4		15.3	2 5/8		13.7	1 3/4		11.2
4	3 1/4		15.3	2 3/4		14.0			
5	3 1/4		15.3	2 3/4		14.0	1 3/4		11.2
6	3 1/2		15.8	3		14.7			
7	3 1/4		14.3	2 7/8		14.3	1 3/4		11.2
8	3 1/4		15.3	2 3/4		14.0			
9	3 1/4		15.3				1 1/2		10.4
10	3 1/2		15.8	2 7/8		14.3			
11	3 1/2		15.8	3		14.7	1 1/2		10.4
12	3 1/4		15.3	3		14.7			
13	3 3/8		15.6	3		14.7	1 1/2		10.4
14	3 1/2		15.8	3		14.7			
15	2 3/4		16.4				1 1/2		10.4
16				3		14.7	x	x	x
17	3 1/2		15.8	2 3/4		14.0	x	x	x
18	3 1/4		15.3	2 3/4		14.0			
19	3 3/8		15.6	2 3/4		14.0			
20	3		14.7						
21	2 7/8		14.3	2 3/4		14.0			
22	2 7/8		14.3	2 3/4		14.0			
23	2 3/4		14.0	2 3/4		14.0			
24	3		14.7	2 3/4		14.0			
25	3		14.7	3		14.7			
26	3		14.7						
27	3		14.7	2 3/8		13.0			
28	3		14.7						
29	3		14.7	1 3/4		11.2			
30	3		14.7	1 3/4		11.2			
31	3		14.7	x		x			
Mean			15.2			14.0			10.8
Aft			942			840			324

Total May- Oct 5,061 Acre Feet.

UPPER EAST UNION CANAL

Daily Discharge in Second Feet of Upper East Union Canal Apl- Oct 1952
1'x 7' Suppressed Weir

	April		May		June		July		August		September		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	C	Cfs	G	Cfs	G	Cfs
1			56	10.7			81	19.0	81	19.0	70	15.0	60	11.8
2			Est	1.-	78	17.8	92	23.2	82	19.3	73	16.1		
3			est	0.5			83	19.7	82	19.3	74	16.4	61	12.2
4							84	20.1	80	18.6	76	17.2		
5				0	87	21.3	85	20.5	82	19.3	76	17.2	59	11.6
6							85	20.5	82	19.3	74	16.4		
7				0	86	20.9	85	20.5	84	20.1	74	16.4	21	1.0
8							82	19.3	83	19.7	73	16.1		
9			77	17.5	87	21.3	81	19.0	82	19.3			65	13.4
10							76	17.2	82	19.3	80	18.6		
11							73	16.1	75	16.8	83	19.7	60	11.8
12					91	22.8	76	17.2	77	17.5	70	15.0		
13			93	23.6	86	20.9	76	17.2	76	17.2	70	15.0	57	11.0
14							79	18.2	75	16.8	70	15.0		
15					83	19.7	81	19.0	75	16.8			10	0.9
16							80	18.6			70	15.0	x	x
17			87	21.3	74	16.4	80	18.6	80	18.6	69	14.8		
18					83	19.7	80	18.6	80	18.6	70	15.0		
19					95	24.4	71	15.4	80	18.6	70	15.0		
20			78	17.8			73	16.1						
21	33	4.8			97	25.3	74	16.4	80	18.6	70	15.0		
22					73	16.1	80	18.6	77	17.5	71	15.4		
23			60	11.8	91	22.8	81	19.0	76	17.2				
24							81	19.0	76	17.2	70	15.0		
25	30	4.1	75	16.8			85	20.5	76	17.2	67	14.1		
26					97	25.3	84	20.1	80	18.6				
27			73	16.1	86	20.9	84	20.1	82	19.3	61	12.2		
28	45	7.6			87	21.3	82	19.3	78	17.8				
29			74	16.4	83	19.7	82	19.3	71	15.4	61	12.2		
30					83	19.7	82	19.3	70	15.0	60	11.8		
31	x	x	73	16.1	x	x	82	19.3	70	15.0	x	x		
Mean		5.5		12.1		20.9		18.9		18.0		15.4		9.2
Aft		110		750		1254		1172		1116		924		276

Total Apl- Oct 5,602 Acre Feet

CITY CREEK

Daily Discharge in Second Feet of City Creek, Apl- Oct 1952
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			47	8.1			68	14.4	69	14.8	73	16.1	101	27.0
2			76	17.2	78	17.8	84	20.1	73	16.1	70	15.0		
3			74	16.4			80	18.6	73	16.1	68	14.4	71	15.4
4							75	16.8	71	15.4	69	14.8		
5			59	11.6	90	22.4	77	17.5	72	15.8	69	14.8	63	12.8
6							76	17.2	72	15.8	67	14.1		
7			76	17.2	100	26.5	76	17.2	73	16.1	67	14.1	85	20.5
8							73	16.1	73	16.1	68	14.4		
9			56	10.7	106	29.1	77	17.5	73	16.1			60	11.8
10							60	11.8	76	17.2	78	17.8		
11							55	10.4	76	17.2	83	19.7	62	12.5
12					106	29.1	61	12.2	75	16.8	93	23.6		
13			97	25.3	100	26.5	62	12.5	71	15.4	94	24.0	62	12.5
14							67	14.1	69	14.8	94	24.0		
15					92	23.2	70	15.0	67	14.1			89	22.0
16							67	14.1			103	27.8	x	x
17			90	22.4	80	18.6	69	14.8	76	17.2	90	22.4		
18					93	23.6	68	14.4	77	17.5	95	24.4		
19					88	21.6	60	11.8	78	17.8	97	25.3		
20			65	13.4			64	13.2						
21	62	12.5			90	22.4	68	14.4	75	16.8	102	27.4		
22					67	14.1	65	13.4	70	15.0	102	27.4		
23			43	7.1	80	18.6	66	13.8	70	15.0				
24							66	13.8	70	15.0	93	23.2		
25	48	8.4	75	16.8			74	16.4	70	15.0	84	20.1		
26					106	29.1	73	16.1	78	17.8				
27			67	14.1	84	20.1	73	16.1	80	18.6	92	23.2		
28	63	12.8			80	18.6	70	15.0	74	16.4				
29			60	11.8	72	15.8	71	15.4	82	19.3	100	26.5		
30					69	14.8	72	15.8	78	17.8	100	26.5		
31	x	x	78	17.8	x	x	72	15.8	77	17.5	x	x		
Mean		11.2		14.9		21.8		15.0		16.4		20.9		16.8
Aft		224		924		1308		930		1017		1254		504

Total Apl- Oct 6,161 Acre Feet

WEST UNION CANAL

Daily Discharge in Second Feet of West Union Canal. Apl- Oct 1952
1'x12' Suppressed Weir

	April		May		June		July		August		Sept		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cft	G	Cfs	G	Cfs
1			65	23.0			77	30.0	80	31.9	60	20.3	48	14.4
2			44	12.6	78	30.6	78	30.6	82	33.1	56	18.4		
3			60	20.2			80	31.9	80	31.9	56	18.4	46	13.6
4							79	31.2	80	31.9	54	17.3		
5			54	17.3	82	33.1	80	31.9	82	33.1	55	17.8	44	12.6
6							79	31.2	80	31.9	58	19.3		
7			72	27.0	86	35.8	80	31.9	79	31.2	57	18.8	40	10.9
8							80	31.9	80	31.9	56	18.4		
9			66	23.6	89	37.8	82	33.1	80	31.9			49	14.9
10							81	32.5	67	24.1	57	18.8		
11							80	31.9	67	24.1	59	19.8	57	18.8
12					90	38.4	80	31.9	67	24.1	59	19.8		
13			78	30.6	89	37.8	81	32.5	72	27.0	59	19.8	42	11.8
14							88	37.1	70	25.8	52	16.3		
15					90	38.4	88	37.1	68	24.7			44	12.6
16							86	35.8			50	15.4	x	x
17			80	31.9	84	34.4	86	35.8	78	30.6	58	19.3		
18					90	38.4	87	36.5	79	31.2	58	19.3		
19					88	37.1	78	30.6	70	25.8	60	20.3		
20			74	28.2			81	32.5						
21	39	7.1			90	38.4	88	37.1	67	24.1	59	19.8		
22					83	33.8	86	35.8	68	24.7	47	13.9		
23			34	8.6	90	38.4	86	35.8	68	24.7				
24							88	37.1	67	24.1	48	14.4		
25	30	7.1	40	10.9			67	24.1	67	24.1	46	13.6		
26					62	21.4	80	31.9	69	25.3				
27			51	15.8	54	17.3	77	30.0	62	21.4	20	4.0		
28	46	13.6			50	15.4	77	30.0	60	20.3				
29			70	25.8	50	15.4	80	31.9	54	17.3	48	14.4		
30					54	17.3	80	31.9	56	18.4	51	15.8		
31	x	x	78	30.6	x	x	80	31.9	58	19.3	x	x		
Mean		9.3		21.9		31.1		32.8		26.5		17.2		13.7
Aft		186		1358		1866		2034		1643		1032		411

Total Apl- Oct 8,530 Acre Feet.

PARK & NUTTAL AND BARTON & YOUNG DITCHES

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

	May		June		July		August		Sept		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1					92	7.0	76	5.2	80	5.7	80	5.7
2			75	5.1	92	7.0	76	5.2				
3		12.0			90	6.8	76	5.2	80	5.7	80	5.7
4					75	5.1	76	5.2	80	5.7		
5	68	4.4	75	5.1	75	5.1			80	5.7	80	5.7
6					75	5.1	80	5.7	80	5.7		
7	75	5.1		9	75	5.1	80	5.7	80	5.7	80	5.7
8					75	5.1	80	5.7	80	5.7		
9	ap	6.0	75	5.1	75	5.1	80	5.7			80	5.7
10					62	3.8	80	5.7	80	5.7		
11					64	4.0	80	5.7			80	5.7
12			100	8.0	64	4.0	80	5.7	80	5.7		
13	ap	6.0	100	8.0	65	4.1	80	5.7			80	5.7
14					70	4.6	80	5.7	80	5.7		
15			100	8.0	70	4.6	80	5.7			80	5.7
16					70	4.6					x	x
17		0	100	8.0	70	4.6	80	5.7	80	5.7		
18			100	8.0	70	4.6	80	5.7				
19			100	8.0	70	4.6	80	5.7	80	5.7		
20					70	4.6						
21			80	5.7	76	5.2	80	5.7	80	5.7		
22			56	3.3	76	5.2			80	5.7		
23		0	56	3.3	76	5.2	80	5.7				
24					76	5.2	80	5.7	80	5.7		
25		0					80	5.7				
26			100	8.0		0	80	5.7				
27			100	8.0		0	80	5.7	80	5.7		
28						0	80	5.7				
29	75	5.1	100	8.0	76	5.2	80	5.7	80	5.7		
30			100	8,0	76	5.2	80	5.7	80	5.7		
31	75	5.1	x	x	76	5.2	80	5.7	x	x		
Mean		4.4		6.3		4.5		5.6		5.7		5.7
Aft		273		378		279		347		342		171

Total May - Oct 1,790 Acre Feet.

PROVO CITY

Daily Discharge in Second Feet of Provo City Union Canal, Factory Race, City Race and Tanner Race, May- Oct 1952, Union Canal 1.5' x8' Suppressed Weir; Factory Race 1' x 12' Suppressed Weir; City Race 1'x 8' Suppressed Weir; and Tanner Race 6' Rectangular Weir.

May 1952:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1	37	6.4	60	20.3		00	54	7.8	34.5
2									
3	62	13.8	52	16.3		00	52	7.4	37.5
4									
5	56	11.8	58	19.3	43	8.2	38	4.6	43.9
6									
7	48	9.4	56	18.4	30	4.7	54	7.8	40.3
8									
9	75	18.6	53	16.8	30	4.7	56	8.2	48.3
10									
11									
12									
13	69	16.2	58	19.3	24	3.4	55	8.0	46.9
14									
15									
16									
17	65	14.9	50	15.4	30	4.7	48	6.5	41.5
18									
19									
20									
21									
22									
23	54	11.2	41	11.4		0		0	22.6
24									
25	62	13.8	42	11.8	22	3.0	20	1.8	30.4
26									
27									
28									
29	64	14.6	44	12.6	44	8.4	68	11.0	46.6
30									
31	66	15.2	44	12.6	28	4.2	66	10.5	42.5
Mean				15.8					39.5
Aft				980					2449

PROVO CITY

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

June 1952:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1									
2	65	14.9	44	12.6	34	5.8	63	9.3	43.1
3									
4									
5	77	19.3	43	12.2	22	3.0	63	10.0	44.5
6									
7	75	18.6	44	12.6	30	4.7	56	8.2	44.1
8									
9	88	24.2	50	14.4	35	6.0	58	8.7	54.3
10									
11									
12	82	21.3	47	13.9	24	3.4	58	8.7	47.3
13	85	22.5	48	14.4	31	5.0	58	8.7	50.6
14									
15	88	23.8	49	14.9	30	4.7	66	10.5	53.9
16									
17	89	24.2	48	14.4	28	4.2	64	10.0	52.8
18	89	23.3	44	12.6	35	6.0	56	8.2	50.1
19	87	23.3	44	12.6	35	6.0	56	8.2	50.1
20									
21	85	22.5	43	12.2	32	5.2	62	9.6	49.5
22	85	22.5	40	10.9	34	5.8	46	6.1	45.3
23	73	17.8	40	10.9	20	2.6	66	10.5	41.8
24									
25									
26	59	12.8	45	13.1	26	3.8	44	5.8	35.5
27	55	11.5	44	12.6	25	3.6	40	5.0	32.7
28									
29	72	17.4	47	13.9	14	1.8	54	7.8	40.9
30	72	17.4	47	13.9	24	3.4	54	7.8	42.5
x	x	x	x	x	x	x	x	x	x
Mean				13.1					45.9
Aft.				786					2754

PROVO CITY

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

July 1952

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1	78	19.7	46	13.6	18	2.4	69	11.2	46.9
2	89	24.2	45	13.1	25	3.6	61	9.3	50.2
3	84	22.1	40	10.9	31	5.0	69	11.2	49.2
4	85	22.5	39	10.6	21	2.8	68	11.0	46.9
5	78	19.7	40	10.9	28	4.2	69	11.2	46.0
6									
7	92	25.4	38	10.1	30	4.7	66	10.5	50.7
8	83	21.7	38	10.1	38	6.7	67	10.7	49.2
9	86	22.9	44	12.6	15	1.8	65	10.2	47.5
10	83	21.7	45	13.1	22	3.0	71	11.7	49.5
11	85	22.5	45	13.1	22	3.0	69	11.2	49.8
12	86	22.9	39	10.6	30	4.7	68	11.0	49.2
13									
14	88	23.8	43	12.2	30	4.7	69	11.2	51.9
15	86	22.9	43	12.2	37	6.5	68	11.0	52.6
16									
17	87	23.3	43	12.2	33	5.4	68	11.0	51.9
18	89	24.2	43	12.2	33	5.4	70	11.4	53.2
19	80	20.4	46	13.6	36	6.2	68	11.0	51.2
20	70	16.6	48	14.4	46	9.0	68	11.0	51.0
21	56	11.8	47	13.9	50	10.2	67	10.7	46.6
22	89	24.2	43	12.2	40	7.3	68	11.0	54.7
23	89	24.2	43	12.2	36	6.2	68	11.0	53.6
24	76	18.9	44	12.6	42	7.8	65	10.2	49.5
25	81	20.9	45	13.1	33	5.4	69	11.2	50.6
26									
27	79	20.1	43	12.2	32	5.2	66	10.5	48.0
28	72	17.4	41	11.4	32	5.2	68	11.0	45.0
29	70	16.6	40	10.9	32	5.2	66	10.5	43.2
30	70	16.6	40	10.9	36	6.2	58	8.7	42.4
31	80	20.4	39	10.6	32	5.2	47	8.4	44.6
Mean				12.1					49.1
Aft				750					3044

PROVO CITY

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

August 1952:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1									
2	83	217	39	10.6	30	4.7	57	8.4	45.4
3	85	22.5	39	10.6	31	5.0	57	8.4	46.5
4	78	19.7	40	10.9	32	5.2	55	8.0	43.8
5									
6	80	20.4	39	10.6	32	5.2	56	8.2	44.4
7									
8	72	17.4	42	11.8	32	5.2	70	11.4	45.8
9									
10	65	14.9	38	10.1	32	5.2	57	8.4	38.6
11	65	14.9	37	9.7	32	5.2	56	8.2	38.0
12									
13	66	15.2	36	9.4	32	5.2	59	8.8	38.7
14									
15	78	19.7	40	10.9	26	3.8	47	6.3	40.7
16									
17	77	19.3	38	10.1	28	4.2	61	9.3	42.9
18	79	20.1	44	12.6	26	3.8	60	9.1	45.6
19	82	21.3	38	10.1	30	4.7	64	10.0	46.1
20									
21	87	23.3	42	11.8	30	4.7	61	9.3	49.1
22									
23	85	22.5	40	10.9	30	4.7	58	8.7	46.8
24									
25	50	10.0	46	13.6	32	5.2	43	5.6	34.4
26	72	17.4	46	13.6	34	5.8	60	9.1	45.9
27	68	15.9	46	13.6	32	5.2	64	10.0	44.7
28	68	15.9	46	13.6	32	5.2	60	9.1	43.8
29									
30	72	17.4	45	13.1	32	5.2	62	9.6	45.3
31									
Mean				11.5					43.5
Aft				690					2697

PROVO CITY

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

September 1952

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1	34	5.7	45	13.1	32	5.2	56	8.2	32.2
2									
3	67	15.6	43	12.2	32	5.2	54	7.8	40.8
4									
5	68	15.9	40	10.9	32	5.2	50	7.0	39.0
6	67	15.6	40	10.9	32	5.2	51	7.2	38.9
7									
8	72	17.4	34	8.6	32	5.2	54	7.8	39.0
9									
10	65	14.9	37	9.7	32	5.2	55	8.0	37.8
11									
12	63	14.2	35	9.0	32	5.2	66	10.5	38.9
13									
14	64	14.6	34	8.6	32	5.2	54	7.8	36.2
15									
16									
17	50	10.0	34	8.6	21	2.8	63	9.8	31.2
18									
19	65	14.9	36	9.4	18	2.3	60	9.1	35.7
20									
21									
22	69	16.2	45	13.1	18	2.3	60	9.1	40.7
23									
24	61	13.4	40	10.9	20	2.6	56	8.2	35.1
25									
26									
27	63	14.2	42	11.8	29	4.5	54	7.8	38.3
28									
29	63	14.2	40	10.9	31	5.0	60	9.1	39.2
30	63	14.2	40	10.9	30	4.7	56	8.2	38.0
x	x	x	x	x	x	x	x	x	x
Mean				10.6					37.4
Aft				636					2244

PROVO CITY

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

October 1952:

	Union		Factory		City		Tanner		Tot
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	Cfs
1	63	14.2	38	10.1		0	56	8.2	32.5
2									
3	55	11.5	38	10.1		0	47	6.3	27.9
4									
5	56	11.8	35	9.0		0	58	8.7	29.5
6									
7	52	10.6	36	9.4		0	57	8.4	28.4
8									
9	54	11.2	35	9.0		0	58	8.7	28.9
10									
11	36	6.2	44	12.6		0	60	9.1	27.9
12									
13	55	11.5	43	12.2		0	55	8.0	31.7
14									
15	58	12.5	45	13.1		0	62	9.6	35.2
x	x	x	x	x	x	x	x	x	x

Mean 30.2

Aft 906

Total May- October 14,094 acre Feet.

LITTLE DRY CREEK

Daily Discharge in Second Feet of Little Dry Creek Canal May- Oct 1952
4 Foot Cipp. Weir

	May		June		July		August		Sept		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1		0			79	9.5			95	12.5	95	12.5
2			85	10.6	65	7.1	75	8.8				
3					90	11.5	82	10.0	95	12.5	73	8.4
4					85	10.6	75	8.8				
5			70	7.9	82	10.0			93	12.1	80	9.6
6							78	9.3	93	12.1		
7			55	5.5	80	9.6					82	10.0
8					77	9.1	92	11.9	93	12.1		
9	est	3.0		0	78	9.3					80	9.6
10					78	9.3	98	13.1	95	12.5		
11					60	6.3	98	13.1			88	11.1
12			72	8.2	90	11.5			95	12.5		
13	Ap	5.0	85	10.6			98	13.1			81	9.8
14					90	11.5			95	12.5		
15			70	7.9	96	12.7	80	9.6			80	9.6
16											x	x
17		7.2	61	6.4	94	12.3	93	12.1	93	12.1		
18			75	8.8	92	11.9	95	12.5				
19			85	10.6	95	12.5	95	12.5	95	12.5		
20					84	10.4						
21			87	10.9	90	11.5	94	12.3				
22			81	9.8	93	10.7			92	11.9		
23		0	92	11.9	98	13.1	88	11.1				
24					92	11.9			93	12.1		
25	85	10.6			100	13.5	92	11.9				
26			82	10.0			94	12.3				
27			84	10.4	94	12.3	95	12.5	90	11.5		
28					97	12.9	95	12.5				
29	85	10.6	77	9.1	92	11.9			93	12.1		
30			77	9.1	87	10.9	95	12.5	95	12.5		
31	90	11.5	x	x	84	10.4			x	x		
Mean		6.9		8.7		10.9		11.6		12.2		10.1
Aft		373		522		676		719		732		303

Total May- Oct 3,325 Acre Feet.

FORT FIELD CANAL

Daily Discharge in Second Feet of Fort Field Canal
Two Foot Parshall June- Oct 1952

	June		July		August		Sept		October	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1				00					81	5.8
2		00	70	4.6	70	4.6				
3	x	x	72	4.8	78	5.4	98	7.8	72	4.8
4			72	4.8	76	5.2				
5	70	46	108	9.0			98	7.8	87	6.4
6					81	5.8	98	7.8		
7	114	9.8	102	8.2					85	6.2
8			34	1.5	74	5.0	98	7.8		
9	111	9.4	82	5.9					95	7.4
10			80	5.7	81	5.8	86	6.3		
11			95	7.4					94	7.3
12	106	8.8	84	6.1			90	6.8		
13	96	7.5			104	8.5			94	7.3
14			96	7.5			85	6.2		
15			84	6.1	94	7.3			63	3.9
16									x	x
17	100	8.0	76	5.2	88	6.6	85	6.2		
18	88	6.6	78	5.4	100	8.0				
19	76	5.2	82	5.9			74	5.0		
20			65	4.1						
21	66	4.2	76	5.2	97	7.6				
22	30	1.2	75	5.0			62	3.8		
23	111	9.4	78	5.4	94	7.3				
24			76	5.2			56	3.3		
25			88	6.6	108	9.0				
26	140	13.4			108	9.0				
27	92	7.0	88	6.6	104	8.5	53	3.0		
28					104	8.5				
29	est	9.5	81	5.8			81	5.8		
30	est	0.5	79	5.6	100	8.0	81	5.8		
31	x	x	97	7.6			x	x		
Mean		6.4		5.6		7.1		6.0		6.1
Aft		384		347		440		360		183

Total June- Oct 1,714 Acre Feet

LAKE BOTTOM CANAL

Daily Discharge in Second Feet of Lake Bottom Canal.
Six Foot Burnham Submerged Orifice. May- Oct 1952,

	May			June			July		
	G	A	Cfs	G	A	Cfs	G	A	Cfs
1							Ap		5.0
2				1 1/4	6	9.5			
3									
4									
5									
6									
7									
8							2 1/4	6	10.4
9									
10									
11				2 3/4		14.0			
12									
13									
14									
15							5		19.0
16				1 1/2		10.4			
17									
18									
19									
20									
21									
22									
23							7 1/2		23.2
24				2 1/2		13.4			
25	x	x	x						
26									
27									
28									
29	1 1/4	6	9.5						
30							2 1/2		13.4
31				x	x	x			
Mean			9.5			11.8			14.7
Aft			114			708			911

LAKE BOTTOM CANAL

Daily Discharge in Second Feet of Lake Bottom Canal. May- Oct.1952

	August			September			October		
	G	A	CFs	G	A	Cfs	G	A	CFs
1									
2									
3									
4							3/4	6	7.5
5									
6				1	1/8	6 9.0			
7									
8	1	1/2	6 10.4						
9									
10									
11							3/4		7.5
12				1	1/8	9.0			
13									
14									
15	Ap		2.0				3/4		7.5
16							x	x	x
17									
18	1	1/4	9.5						
19				1		8.5			
20									
21									
22									
23	2	1/2	13.4						
24									
25									
26									
27				3/4		7.5			
28									
29									
30	Ap		2.0						
31				x	x	x			
Mean			7.5			8.5			7.5
Aft			465			510			225

Total May- Oct 2,933 Acre Feet.

SPRING CREEK

Daily Discharge in Second Feet of Spring Creek Users
May- Oct 1952

	May	June	July	Aug	Sept	Oct
1			4.9			
2		4.4				
3						
4						3.7
5						
6					2.7	
7						
8			2.0	5.2		
9						
10						
11		2.9				3.7
12					5.2	
13						
14						
15			3.2	3.7		2.7
16		1.9				
17						
18						
19					5.7	
20						
21						
22						
23			3.2	4.7		
24	x	4.4				
25	x					
26						
27					3.7	
28						
29	4.5					
30			2.7	5.7		
31		x			x	
Mn	4.5	3.4	3.2	4.8	4.3	3.4
Aft	54	204	198	298	258	102

Total May- Oct 1,114 Acre Feet

Oct 28,1952

M T Wilson, District Engineer USGS
300 Federal Building
Salt Lake City, Utah

Dear Sir:

The quantity of water of Factory Race, diverted from Provo River, measured at 1' x12' suppressed weir at plant of the Provo Brick & Tile Company, about one mile North of Provo City, for the year ending September 30, 1952, is as follows:-

Month	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Aft	533	492	676	676	632	676	654	980	786	750	690	636

Total acre feet 8,181.

Resp.

T F Wentz
Commissioner

PROVO CITY WATERWORKS

Daily Discharge is Second Feet of Provo City Waterworks
Year Ending October 31,1952. Venturi Meters, Readings Every Friday.

Day	Nov	Dec	Jan	Feb	Mar	Apl	May	June	July	Aug	Sept	Oct
1		7,870		8,856			13,517			15,077		
2	8,245											
3									14,910			13,518
4			7,928			9,734						
5											14,627	
6								16,817				
7		7,822			9,944							
8				9,650						15,453		
9	8,149						16,087					
10												12,532
11			8,495			9,519			17,127			
12											15,139	
13								16,414				
14		8,513			9,641							
15				9,537						14,222		
16	8,082						15,697					
17												12,067
18			8,383			9,641			17,152			
19											14,675	
20								18,075				
21		8,100			,785							
22										17,145		
23	7,925			9,916		11,556						
24												11,336
25			7,965		10,725			16,834			15,747	
26												
27							12,334					
28		7,777			9,844							
29				10,187		14,658			14,584			
30				x								
31	x		x		x		x			x		11,804
Mean	8,022	8.043	8.347	9.779	9.797	10.524		15.780		15.295		12,088
							14,663		16.469		14.797	
Aft	477	495	513	562	602	626	902	939	1013	940	880	743

Grand Total 8,692 Acre feet.

COLUMBIA - GENEVA STEEL
DIVISION
UNITED STATES USS STEEL COMPANY
UTAH OPERATIONS- GENEVA UTAH

December 16,1952

Mr. T F Wentz
Provo River Water Commissioner
Orem, Utah

Dear Sir:

Under our Water Application No. 16226 we operated the Geneva Works pumping station December 11,1952, from 2:15 PM to 5:25 PM. The meter readings were 10526 at start of pumping and 10618 at end of pumping. 920,000 gallons or 2.82 acre-feet was pumped.

Yours very truly,

/s/ W.T. Purvance
W.T. Purvance
Works Engineer

EHP:j

cc: L.F. Black
E.W. Duncan
J.D. Thomas. Atty:
M.E. Dunkley

CANAL DISCHARGE
WASATCH DIVISION

CANAL DISCHARGE WASATCH DIVISION

SUMMARY

1 9 5 2

Acre Feet

Canal	May	June	July	August	Sept	Total
Midway Riv. Dch	1693	2226	2120	1135	954	1828
Wasatch	2561	6030	5549	4185	2850	21175
North Field	5493	7116	3670	1966	1794	20039
Timpanogus	302	2703	3255	699	324	7283
Spring Creek	3658	3186	2176	1997	9080	19097
Up Charleston	1550	900	1072	856	1014	5392
Low Charleston	645	642	583	471	480	2821
Island	696	990	664	409	324	3083
S Kamas & Wash	1397	5148	3429	2901	1752	14627
Sunrise	-	160	719	459	77	1415
Hewlett & Dun	237	624	446	273	210	1790
Knight & Baird	422	702	453	229	204	2010
Larson & Cutler	326	744	434	360	222	2086
Phillips	48	120	130	99	48	445
Baum & Snyder	537	786	601	230	348	2502

Natural Provo River Heber Valley

1952
Second Feet

	May	June	July	August	September
1			413.6	111.7	92.4
2			407.4	93.8	87.4
3			377.9	89.0	80.7
4			327.7	86.9	86.8
5			307.3	78.5	80.0
6			302.1	88.6	76.7
7			279.8	94.9	78.3
8			260.3	89.5	81.3
9			219.6	89.0	85.4
10			247.1	164.3	86.9
11			247.1	164.3	86.9
12			209.8	102.5	117.7
13			199.6	81.7	104.8
14			219.0	89.7	96.1
15			194.7	85.2	99.3
16			179.0	81.7	96.4
17			125.6	75.7	91.1
18			107.6	75.2	89.1
19			109.5	67.2	
20			92.9	94.8	
21			94.8	78.9	77.7
22			85.7	78.0	
23			90.7	72.0	
24			87.0	74.0	65.2
25			93.5	73.5	
26			134.7	88.4	
27			83.0	109.4	69.1
28			99.8	109.4	
29			93.2	96.7	68.1
30			109.1	105.8	
31			115.7	84.4	xxxx

Total Provo River Heber Valley

	May	June	July	August	September
1			443.2	245.7	113.4
2			431.4	227.8	108.7
3			401.9	223.0	102.7
4			397.7	220.9	108.8
5			393.3	212.5	102.0
6			432.1	208.6	98.7
7			406.8	214.9	100.3
8			386.3	209.5	103.3
9			343.6	204.0	107.4
10			421.8	219.3	107.3
11			435.1	284.3	108.9
12			386.8	222.5	139.7
13			356.6	201.7	126.8
14			353.0	180.7	118.1
15			337.7	176.2	112.3
16			314.0	170.7	118.4
17			289.6	164.7	113.1
18			271.6	162.2	111.1
19			267.0	154.2	
20			257.9	154.8	
21			258.3	138.9	99.7
22			233.7	138.0	
23			220.7	132.0	
24			218.0	134.0	84.2
25			259.5	123.5	
26			290.7	109.4	
27			231.0	130.4	88.1
28			247.8	130.4	
29			231.2	117.7	87.1
30			233.1	126.8	
31			249.7	105.4	xxxx

Daily Discharge in Second Feet of Midway Irrigation Canal.
May- September 1952. 1.5'x8' Suppressed Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	14	1.6	100	29.0	130	43.9	78	19.7	58	12.5
2			98	28.1	132	45.0	74	18.2	68	15.9
3	54	11.2	100	29.1	128	42.8	72	17.4	66	15.2
4			98	28.1	130	43.9	76	18.9	68	15.9
5			112	34.6	130	43.9	74	18.2	60	13.1
6			110	33.7	138	48.3	72	17.4	58	12.5
7	70	16.6	112	34.6	134	46.1	74	18.2	76	18.9
8			110	33.7	134	46.1	89	24.2	76	18.9
9			120	38.6	136	47.2	76	18.9	78	19.7
10	56	11.8	122	39.7	152	56.4	80	20.4	72	17.4
11			116	36.6	140	49.4	84	22.1	76	18.9
12	110	33.7	108	32.7	134	46.1	80	20.4	80	20.4
13			110	33.7	132	45.1	77	19.3	76	18.9
14	118	37.6	124	40.7	134	46.1	76	18.9	76	18.9
15	122	39.7	118	37.6	128	42.8	75	18.6	74	18.2
16	102	29.9	108	32.7	128	42.8	74	18.2	72	17.4
17	94	26.3	114	35.7	92	25.4	72	17.4	68	15.9
18	88	23.8	124	40.7	102	29.9	72	17.4	66	15.2
19	98	28.1	124	40.7	102	29.9	74	18.2		
20	100	29.0	116	36.6	100	29.0	74	18.2		
21	110	33.7	116	36.6	72	17.4	72	17.4	62	13.8
22	100	29.0	110	33.7	72	17.4	70	16.6		
23	98	28.1	100	29.0	72	17.4	70	16.6		
24	98	28.1	138	48.3	72	17.4	70	16.6	56	11.8
25	106	31.8	134	46.1	81	20.9	67	15.6		
26	106	31.8	126	41.8	78	19.7	64	14.6		
27	108	32.7	134	46.1	80	20.4	76	18.9	50	10.0
28	108	32.7	136	47.2	80	20.4	76	18.9		
29	98	28.1	130	43.9	78	19.7	74	18.2	50	10.0
30	112	34.6	128	42.8	78	19.7	74	18.2		
31	100	29.0		xxx	82	21.3	66	15.2		xxxx
Mean Cfs		27.3		37.1		34.2		18.3		15.9
Aft		1692.6		2226.0		2120.4		1134.6		954.0

Grand Total May- September 8,128 Acre Feet.

Daily Discharge in Second Feet of Wasatch Irrigation Canal.
May- September 1952. 1' x 18' Suppressed Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			126	98.8	122	93.8	118	88.9	94	61.7
2			118	88.9	130	103.7	114	84.1	86	53.6
3			142	119.7	130	103.7	114	84.1	82	49.7
4			120	91.3	128	101.3	113	83.0	84	51.7
5			128	101.3	128	101.3	112	81.7	82	49.7
6			122	93.8	132	106.4	112	81.7	82	49.7
7			130	103.7	128	101.3	114	84.1	76	44.1
8			120	91.3	122	93.8	114	84.1	78	45.9
9			122	93.8	116	86.4	114	84.1	78	45.9
10	28	9.5	130	103.7	120	91.3	104	72.6	82	49.7
11			114	84.1	120	91.3	126	98.8	82	49.7
12	78	45.9	128	101.3	114	84.1	114	84.1	98	66.1
13	84	51.9	130	103.7	110	79.9	108	77.0	84	51.7
14	94	61.7	128	101.3	114	84.1	98	66.1	78	45.9
15	86	53.6	134	109.1	112	81.7	102	70.3	76	44.1
16	86	53.6	120	91.3	112	81.7	102	70.3	82	49.7
17	64	33.8	130	103.7	112	81.7	102	70.3	78	45.9
18	80	47.9	128	101.3	112	81.7	102	70.3	78	45.9
19	82	49.7	126	98.8	116	86.4	74	42.3		
20	82	49.7	118	88.9	114	84.1	74	42.3		
21	88	55.6	130	103.7	114	84.1	75	43.2	68	37.1
22	88	55.6	130	103.7	110	79.4	80	47.9		
23	82	49.7	128	101.3	112	81.7	78	45.9		
24	82	49.7	134	109.1	114	84.1	80	47.9	64	33.8
25	98	66.1	134	109.1	122	93.8	78	45.9		
26	100	68.2	132	106.4	126	98.8	77	45.0		
27	104	72.5	134	109.1	114	84.1	98	66.1	68	37.1
28	108	77.0	132	106.4	118	88.9	98	66.1		
29	116	86.4	126	98.8	114	84.1	86	53.6	68	37.1
30	120	91.3	216	98.8	116	86.4	94	61.7		
31	122	93.8		xxxx	120	91.3	82	49.7		xxxx
Mean Cfs		58.2		100.5		89.5		67.5		47.5
Aft		2560.8		6030.0		5549.0		4185.0		2850.0

Grand Total May- September 21,175 Acre Feet.

Daily Discharge in Second Feet of North Field Irrigation Canal.
May- September 1952. 1.5' x 15' Suppressed Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	26	7.0	148	101.2	138	90.6	74	34.0	70	31.2
2			164	119.4	154	108.0	74	34.0	70	31.2
3	82	39.9	188	148.9	146	99.1	72	32.5	68	29.8
4			76	133.8	146	99.1	72	32.5	70	31.2
5			196	159.3	146	99.1	72	32.5	70	31.2
6			150	103.5	150	103.5	71	31.9	66	28.5
7	60	24.6	168	124.2	146	99.1	72	32.5	64	27.3
8			144	96.9	136	88.5	72	32.5	66	28.5
9			148	101.2	96	51.0	72	32.5	68	29.8
10	100	54.3	166	121.8	122	74.4	72	32.5	70	31.2
11			132	84.3	122	74.4	78	36.9	70	31.2
12	150	103.5	156	110.2	114	66.9	72	32.5	80	38.2
13	180	138.7	152	105.7	108	61.3	72	32.5	72	32.5
14	190	151.5	144	96,9	84	41.4	70	31.2	68	29.8
15	156	110.2	150	103.5	104	57.7	70	31.2	66	28.5
16	124	76.3	136	88.5	104	57.7	70	31.2	68	29.8
17	134	86.4	150	103.5	102	56.1	66	28.5	69	29.8
18	110	63.1	148	101.2	92	47.7	66	28.5	66	28.5
19	112	64.9	140	92.7	82	39.9	67	29.2		
20	114	66.9	130	82.3	80	38.2	68	29.8		
21	130	82.3	168	124.2	80	38.2	64	27.3	75	34.8
22	128	80.2	164	119.4	76	35.4	66	28.5		
23	112	64.9	160	114.7	74	34.0	66	28.5		
24	112	64.9	168	124.2	72	32.5	66	28.5	60	24.6
25	106	59.5	168	124.2	72	32.5	66	28.5		
26	160	114.7	166	121.8	74	34.0	64	27.3		
27	168	124.2	170	126.6	72	32.5	76	35.4	62	25.9
28	190	151.5	164	119.4	76	35.4	76	35.5		
29	168	124.2	154	108.0	74	34.0	77	36.1	60	24.6
30	176	133.8	144	96.9	74	34.0	78	36.9		
31	180	138.7		xxxx	74	34.0	72	32.5		xxxx
Mean Cfs		88.6		118.6		59.2		31.7		29.9
Aft		5493.2		7116.0		3670.4		1965.4		1794.0

Grand Total May-September 20,039 Acre Feet.

Daily Discharge in Second Feet of Timpanogas Irrigation Canal.
May- September 1952. 1.5'x12' Suppressed Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1			86	4.3	116	54.9	110	50.5		
2			64	21.8	114	53.9	110	50.5		
3			66	22.8	110	50.5	110	50.5		
4			64	21.8	116	54.9	110	50.5		
5			66	22.8	110	50.5	108	49.1		
6			64	21.8	120	57.9	108	49.1		
7			64	21.8	120	57.9	108	49.1		
8			82	31.8	116	54.9				
9			80	30.6	114	53.5				
10			86	34.3	110	50.5				
11			96	40.8	118	56.4				
12			110	50.5	116	54.9				
13			108	49.1	116	54.9			42	11.5
14			110	50.5	116	54.9			42	11.5
15			110	50.5	114	53.5			42	11.5
16			110	50.5	110	50.5			42	11.5
17			90	36.8	114	53.5			42	11.5
18			109	49.9	112	52.0			42	11.5
19			118	56.4	110	50.5				
20			110	50.5	110	50.5				
21			120	57.9	109	49.9			20	4.0
22			118	56.4	110	50.5				
23			114	53.5	108	49.1				
24			128	64.2	110	50.5			20	4.0
25	60	19.7	116	54.9	112	52.0				
26	62	20.7	112	52.0	113	52.7				
27	62	20.7	116	54.9	110	50.5			30	7.1
28	65	22.3	114	53.5	110	50.5				
29	66	22.8	118	56.4	109	49.9			31	7.4
30	70	25.0	116	54.9	110	50.5				
31	60	19.7		xxxx	110	50.5				xxxx
Mean Cfs		21.6		43.6		52.5		49.9		9.0
Aft		302.4		2703.2		3255.0		698.6		324.0

Grand Total May -September 7,283 Acre Feet.

Dailey Discharge in Second Feet of Spring Creek Irrigation Canal.
May- September 1952, 10' Rating Flume. Old Rating Changed July 6th,
New Rating balance of season.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	00	22.0			50	39.5				
2									38-22	27.6
3			100	61.0						
4							60-20	36.0		
5										
6					76-4	48.3				
7							84-22	44.3		
8	94	58.0	108	65.0						
9									52-22	32.5
10			38	35.3	24-6	28.3	56-22	33.9		
11										
12										
13	98	60.0							48-22	31.1
14										
15					64-8	41.9	42-22	29.0		
16	118	70.0	96	59.0						
17							40-22	28.3	64-22	36.7
18										
19					52-10	36.7				
20			50	39.5			38-22	27.6		
21										
22	128	75.0								
23					64-12	40.3				
24			94	58.0					54-22	33.2
25							48-22	31.1		
26	112	67.0								
27			86	54.2						
28					Est	7.5				
29							38-22	27.6		
30	100	61.0							44-22	29.7
31				xxx	64-16	38.8				xxxx
Mean Cfs		59.0		53.1		35.1		32.2		31.8
Aft		2658.0		3186.0		2176.2		1996.4		9080.0

Grand Total May- September 19,097 Acre Feet.

Dailey Discharge in Second Feet of Upper Charleston Canal
May- September 1952. 0.75' x 11.5' Suppressed Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	44	12.3			54	17.0				
2									44-17	5.9
3										
4			54	17.0			40	10.7		
5										
6					70	25.5				
7							70	25.5		
8		00	58	19.0						
9									38-17	4.1
10					76	29.1	78-4	27.9		
11			54	17.0						
12										
13	110	53.1							112-20	39.4
14										
15						00		00		
16			60	20.0						
17	70	25.5					42-10	7.7	90-20	25.5
18										
19					64	22.2				
20			50	15.0			44-10	8.5		
21										
22	72	26.7								
23					48	14.1				
24			26	5.6					88-20	24.4
25							46-15	7.4		
26	98	43.6								
27			42	11.5						
28					56	18.0				
29							62-17	12.9		
30									78-20	19.0
31	48	14.1		xxxx	44	12.3				xxxx
Mean Cfs		25.0		15.0		17.3		13.8		16.9
Aft		1550.0		900.0		1072.6		855.6		1014.0

Grand Total May- September 5,392 Acre Feet.

Dailey Discharge in Second Feet of Lower Charleston Canal.
May- September 1952. 3' Parshall.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1	84	9.1			80	8.5				
2									54	4.6
3										
4			100	12.0			74	7.5		
5										
6					110	13.9				
7							82	8.8		
8	84	9.1	104	12.8						
9									48	3.8
10					76	7.8	78	8.1		
11			104	12.8						
12										
13	100	12.0							56	4.8
14										
15					62	5.7	78	8.1		
16	98	11.6	104	12.8						
17							82	8.8	56	4.8
18										
19					88	9.8				
20			96	11.3			76	7.8		
21										
22	74	7.5								
23					90	10.2				
24			68	6.6					58	5.1
25							68	6.6		
26	96	11.3								
27			66	6.3						
28					88	9.8				
29							58	5.1		
30	100	12.0							56	4.8
31				xxx	88	9.8				xxxx
Mean Cfs		10.4		10.7		9.4		7.6		8.0
Aft		644.8		642.0		582.8		471.2		480.0

Grand Total May- September 2,821 Acre Feet.

Dailey Discharge in Second Feet of Island Ditch. May- September 1952. 6' Rectangular Weir.

	May		June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1					56	8.2				
2									38	4.6
3										
4			94	17.6			68	10.9		
5										
6					84	14.9				
7							44	5.7		
8			96	18.2						
9									44	5.7
10					90	16.5	46	6.1		
11			86	15.5						
12										
12	120	25.2								
13									50	6.9
14										
15					72	11.9	40	5.0		
16			110	23.3						
17	100	17.2					46	6.1	40	4.0
18										
19					64	10.0				
20			82	14.4			50	6.9		
21										
22	88	16.0								
23					68	10.9				
24			82	14.4					42	5.4
25							48	6.5		
26	48	6.5								
27			72	11.9						
28					50	6.9				
29							45	5.9		
30									40	5.0
31	110	22.2		xxxx	48	6.5				xxxx
Mean Cfs		17.4		16.5		10.7		6.6		5.4
Aft		696.0		990.0		663.4		409.2		324.0

Grand Total May- September 1952. 3,083 Acre Feet.

Dailey Discharge in Second Feet of South Kamas and Washington Canal.
May- September 1952. 1.25' x 14' Suppressed 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									121	70.3	4.0	74.3
4												
5					132	80.8	2.3	83.1				
6												
7									112	62.1	6.0	68.1
8												
9					132	80.8	2.0	82.8	92	45.5	7.1	52.6
10												
11												
12					121	79.8	2.0	81.8				
13									92	45.5	3.5	49.0
14												
15												
16					137	85.8	40	89.8				
17									96	48.6	2.5	51.1
18	98	50.2	1.0	51.2								
19												
20					136	84.8	6.9	91.7	100	51.8	000	51.8
21												
22												
23	104	55.2	00	55.2	136	86.8	3.2	90.0				
24									100	51.8	00	51.8
25												
26												
27	70	29.7	2.2	31.9	131	79.8	00	79.8	96	48.6	3.2	51.8
28												
29									88	42.4	5.1	47.5
30					136	84.8	00	84.8				
31	110	60.3	1.2	61.5				xxxx				
Mean Cfs				49.9				85.8				55.3
Aft				1397.2				5148.0				3428.6

Dailey Discharge in Second Feet of South Kamas and Washington Canal.
May- September 1952.

	August				September			
	G	Cfs	#1	Tot	G	Cfs	#1	Tot
1	90	43.9	5.2	49.1				
2								
3	94	47.1	00	47.1	88	42.4	2.9	45.3
4								
5								
6	91	44.7	00	44.7				
7					86	40.9	2.9	43.8
8								
9	94	47.1	00	47.1				
10								
11					70	29.7	1.6	31.3
12								
13	90	43.9	2.7	46.6				
14					72	30.9	00	30.9
15								
16								
17	88	42.4	4.5	46.9				
18					52	18.8	00	18.8
19								
20								
21	87	41.6	4.9	46.5				
22								
23								
24					50	17.8	00	17.8
25	92	45.5	00	45.5				
26								
27								
28								
29	97	49.4	00	49.4	48	16.7	00	16.7
30								
31	92	45.5	00	45.5				xxxx
Mean Cfs				46.8				29.2
Aft				2901.6				1752.0

Grand Total May- September 14,627 Acre Feet.

Dailey Discharge in Second Feet of Sunrise Canal.
June- September 1952. Rating Flume.

	June		July		August		September	
	G	Cfs	G	Cfs	G	Cfs	G	Cfs
1					82	10.4		
2								
3					74	9.3	40	4.9
4			96	12.3				
5								
6					56	7.0		
7			90	11.5			40	4.9
8								
9			92	11.7	86	10.9		
10								
11							02	.60
12								
13			64	8.0	52	6.4		
14								
15								
16								
17			92	11.7	56	7.0		
18								
19								
20			96	12.3				
21					42	5.1		
22								
23	60	7.5						
24			96	12.3				
25					52	6.4		
26								
27	102	13.1	98	12.5				
28								
29			96	12.3	52	6.4		
30	78	9.9						
31		xxxx			42	5.1		xxxx
Mean Cfs		10.0		11.6		7.4		3.5
Aft		160.0		719.2		458.8		77.0

Grand Total June- September 1,415 Acre Feet.

Dailey Discharge of Indivigual Ditches in Second Feet. 1952.

	Wewletts& Duncan					Knight & Baird				
	May	June	July	Aug	Sept	May	June	July	Aug	Sept
1		8.0		7.6			7.0		7.5	
2										
3				5.9	5.5				6.5	3.5
4			7.0					7.0		
5		15.0					12.0			
6				5.9					5.0	
7			6.5		3.5			5.5		3.5
8										
9		15.0	9.5	5.5			12.0	7.5	4.5	
10										
11					4.5					3.5
12		12.5					14.0			
13			6.5	3.5				7.5	00	
14					4.5					4.5
15		11.0	10.0							
16		10.0				15.0	12.0			
17				3.5				7.5	3.5	
18					3.0					3.5
19						12.0				
20		6.0	5.5	5.0			16.0	8.5		
21	7.0								00	
22										
23							12.0			
24		8.0	5.5		2.0			7.5		2.5
25				20		14.5			2.5	
26	7.0									
27		11.0					12.0			
28					2.0					
29			7.6	2.5		11.5		7.5	4.0	
30	5.5	7.0					8.0			
31				2.5					4.0	
Mean Cfs	7.4	10.4	7.2	4.4	3.5	13.2	11.7	7.3	3.7	3.4
Aft	236.8	624.0	446.4	272.8	210.0	422.4	702.0	452.6	229.4	204.0

Grand Total May- Sept, 1,790 Aft. Grand Total May- Sept. 2,010 Aft.

Dailey Discharge in Second Feet of Individual Ditches 1952.

	Larson & Cutler					Phillips				
	May	June	July	Aug	Sept	May	June	July	Aug	Sept
1		15.0		7.5			1.9		1.9	
2										
3				6.5	6.5				1.9	2.0
4			5.5					2.0		
5		12.0					2.4			
6				5.5					1.9	
7			2.0		3.5			1.5		1.7
8										
9		12.0	8.0	5.5			2.4	1.5	1.4	
10										
11					3.5					1.0
12		14.0					1.8			
13			8.0	4.5				1.7	1.4	
14					4.0					.70
15										
16	10.0	16.0				1.9	2.4			
17			7.5	4.0				2.0	1.5	
18					3.5					
19	12.0					1.0				
20		16.0	8.5				2.4	2.0		
21				3.5					1.3	
22										
23	9.0	12.5				1.0	1.4			
24			8.5		2.5			2.0		
25				7.5					1.2	
26										
27	12.0	7.0				2.0	1.6			
28					2.5					
29			8.5	7.5				1.9	2.0	
30		7.0					2.0			
31		xxxx		6.5	xxxx		xxxx		2.0	xxxx
Mean Cfs	10.7	12.4	7.0	5.8	3.7	1.5	2.0	2.1	1.6	.80
Aft	326.4	744.0	434.0	359.6	222.0	48.0	120.0	130.2	99.2	48.0

Grand Total May- Sept 2,086 Aft. Grant Total May- Sept 445 Aft.

Dailey Discharge in Indivigual Ditches 1952.

Baum & Snyder

	May	June	July	August	September
1		16.0		5.5	
2					
3				00	5.5
4			13.5		
5		14.0			
6				5.5	
7			14.0		5.5
8		14.0			
9			9.0	5.5	
10	10.0				
11					5.5
12		14.0			
13			9.0	00	
14					5.5
15	15.0				
16		12.0			
17			11.0	00	
18					3.5
19	12.0				
20		12.0	7.5		
21				5.5	
22					
23	9.0	12.0			
24			7.0		7.5
25				5.0	
26					
27	15.0	14.0			
28					7.5
29			7.0	5.0	
30		10.0			
31	xxxx			5.0	xxxx
Mean Cfs	12.2	13.1	9.7	3.7	5.8
Aft	536.8	786.0	601.4	229.4	348.0

Grand Total May- September 2,502 Acre Feet.

Discharge in Second Feet of Snake Creek Diversions to Midway Irrigation Canal et al, June- September 1952.

Date 1952	Ditch	Cfs	Date	Ditch	Cfs
June 10	Middle	4.48	Aug 8	Scotch	3.64
	Scotch	7.25		Creek Ford	29.29
	Creek Ford	52.48		West Bench	8.70
	West Bench	7.80		Probst	3.42
	Probst	1.45		Total	45.05
	Mound	3.52			
	Huber	1.45	Aug 26	Scotch	2.86
	Total	78.43		Creek Ford	23.55
				West Bench	5.85
June 27	Middle	4.50		Mound	4.22
	Scotch	2.60		Huber Lower	.20
	Creek Ford	35.01		Total	36.68
	West Bench	11.10			
	Mound	3.78	Sept 10	Scotch	2.08
	Probst	3.70		Creek Ford	23.67
	Huber	1.45		West Bench	5.85
	Total	62.14		Mound	.40
				Probst	1.70
July 11	Middle	6.99		Total	33.70
	Creek Ford	29.16			
	West Bench	10.60			
	Mound	3.49			
	Probst	2.40			
	Huber Up	1.55			
	Huber Lo	1.83			
	Total	56.02			
July 26	Scotch	4.42			
	Creek Ford	32.04			
	West Bench	9.20			
	Probst	.85			
	Huber	2.34			
	Total	48.85			

Mean Second Feet and for 150 days 15,450 Acre Feet.

ONTARIO TUNNEL 1952

Observations at Hailstone Bridge, 1.5' x 12' Suppressed Weir.

Date 1952	Gage	Cfs	Month Mean Cfs	Date 1952	Gage	Cfs	Month Mean Cfs
May 8	86	34.3		Aug 6	66	22.8	
16	80	30.6	32.4	17	63	21.2	
				25	62	20.7	21.6
Jun 5	74	27.2					
16	76	28.3		Sep11	66	22.8	
20	66	22.8		24	58	18.7	20.8
27	70	25.0	25.8				
Jly 2	68	23.9		Season Mean			24.5
9	58	18.7		Dvtd by Fisher			1.0
15	64	21.8		Total			25.5
20	62	20.7					
29	66	22.8	21.6				

Delivery as follows:-

Midway Irrigation Company in own right . . .	5.5 Cfs
Daly Mining Co leased to Fisher	1.0
" " " Midway Irr. Co. .	9.0
Utah Power & Light Co, in own right, used thru Olmsted Plant for power, and after, leased to Provo Reservoir Water Users Company	10.0
Total	25.5

OBSERVATION WELLS
HEBER VALLEY
1952

2	Wright	27	Baird
3	Wright	33	Morris
4	Edwards	34	Lee Bros
5	Edwards	35	Montgomery
	Winterton	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		
25	Watson		
26-2	McDonald		
26-3	Christensen		
26-4	Johnston		

- - - - - - - - - - -

RANGE OF WELLS
1952

No	Name	Range Feet
Above Irrigation		
34	Lee Bros	10.1
33	Morris	9.68
38	Smith	3.47
Mean		7.75
Mid Valley:		
42	Pace	21.62
46	Carlile	43.47
40	Allison	21.62
26-2	McDonald	28.88
9	Richins	32.95
14	Webb	32.20
Mean		30.09

No	Name	Range Feet
Lower Valley		
6	Winterton	18.79
8	Webster	18.90
5	Edwards	10.15
7	Cummings	16.06
15	Casper	18.54
17	Simmons	16.32
3	Wright	15.02
2	Wright	12.08
Mean		15.73
Near River Bottoms:		
39	Witt	4.24
12	Carlile	6.42
4	Edwards	8.46
Mean		6.37

Water Level in Feet Below Measuring Point.

2. Wright, Joseph E: East Side of Main St. thru Charleston. South of Store, NW Frame Dwelling, on West Side of road. NW Quarter Section 23,t 4 S, R 4 E.
MP Top Of Collar, Red Sandstone, Se Corner of Well Elev. 5425.00.

Apr 17, 1952	11.86	Jly 15, 1952	5.20	Oct 17,1952	15.70
May 17,	11.43	Aug 17	8.26	Nov. 19,	15.60
Jun 29	5.14	Sep 17	11.05	Dec. 15	17.22

3. Wright. D.E: East Side of Main St. thru Charleston, SW Corner of Block_____, SW Corner of Fourth Block North 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. Ele 5432.15.

Apr 17,1952	14.52	Jly 15, 1952	4.28	Oct 17, 1952	16.10
May 17	9.38	Aug 17	7.20	Nov 19	17.10
Jun 20	5.10	Sep 17	12.48	Dec 15	19.30

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 Cover Base of Pump. Elev 5426.67. LS 5425.90.

Apr 17,1952	10.55	Jly 15,1952	3.68	Oct 19,1952	10.87
May 17,	7.34	Aug 17	6.50	Nov 19	12.14
Jun 20	3.75	Sep 17	8.50	Dec 15	11.68

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, Sec 14, T 4 S, R 4 E.

MP South East Corner of Well. Top of Concrete Walk around Well, Elev 5428.69 LS, 5438.00.

Apr 17,1952	8.75	Jly 15,1952	3.15	Oct 17,1952	9.90
May 17	5.00	Aug 17	5.65	Nov 19	11.26
Jun 20	3.10	Sep 17	6.70	Dec 15	13.25

Water Level in Feet Below Measuring Point.

2. Wright, Joseph E: East Side of Main St. thru Charleston. South of Store, NW Frame Dwelling, on West Side of road. NW Quarter Section 23, t 4 S, R 4 E.
MP Top Of Collar, Red Sandstone, Se Corner of Well Elev. 5425.00.

Apr 17, 1952	11.86	Jly 15, 1952	5.20	Oct 17, 1952	15.70
May 17,	11.43	Aug 17	8.26	Nov. 19,	15.60
Jun 29	5.14	Sep 17.	11.05	Dec. 15	17.22

3. Wright. D.E: East Side of Main St. thru Charleston, SW Corner of Block_____, SW Corner of Fourth Block North 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. Ele 5432.15.

Apr 17, 1952	14.52	Jly 15, 1952	4.28	Oct 17, 1952	16.10
May 17	9.38	Aug 17	7.20	Nov 19	17.10
Jun 20	5.10	Sep 17	12.48	Dec 15	19.30

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 Cover Base of Pump. Elev 5426.67. LS 5425.90.

Apr 17, 1952	10.55	Jly 15, 1952	3.68	Oct 19, 1952	10.87
May 17,	7.34	Aug 17	6.50	Nov 19	12.14
Jun 20	3.75	Sep 17	8.50	Dec 15	11.68

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, Sec 14, T 4 S, R 4 E.

MP South East Corner of Well. Top of Concrete Walk around Well, Elev 5428.69 LS, 5438.00.

Apr 17, 1952	8.75	Jly 15, 1952	3.15	Oct 17, 1952	9.90
May 17	5.00	Aug 17	5.65	Nov 19	11.26
Jun 20	3.10	Sep 17	6.70	Dec 15	13.25

14. Webb; West side 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. Elev 5530.21.

Apr 17,1952	52.10	Jly 15,1952	24.92	Oct 17,1952	40.35
May 17	24.84	Aug 17	30.75	Nov 19	44.10
Jun 20	20.14	Sep 17	37.68	Dec 15	52.34

15. Casper: South of Road, South of Dwelling, Concrete Pipe Lining projecting 3' above ground. MP North side, in NW 1/4 of NE 1/4, Sec 14, T 4 S, R 4 E.

MP Top of Concrete Lining, North side, Elev 5484.02. LS 5481.10.

Apr 17, 1952	26.62	Jly 15,1952	16.14	Oct 17,1952	24.42
May 17	17.40	Aug 17	19.22	Nov 19	25.80
Jun 20	13.43	Sep 17	19.48	Dec 15	31.97

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.

Apr 17,1952	24.83	Jly 15 1952	19.17	Oct 17, 1952	31.12
May 17	21.20	Aug 17	23.00	Nov 19	29.68
Jun 20	18.55	Sep 17	26.18	Dec 15	34.87

25. Watson, Jack; NW Corner of 4 N 6 E Streets, Heber City, West of House on fence line. Drain dug about four rods north in 1940.

Apr 16, 1952	5.94	Jly 15,1952	3.35
May 17	4.15	Aug 17	2.90
Jun 20	3.40	Sept 17	Converted to Cess Pool.

26-2, McDonald-2; NW Intersection east of Dwelling, SW Corner S 4.

MP Top of Sandstone lining, south side Level with LS, Elev 57.98.04

Apr 16,1952	28.40	Jly 15,1952	8.32	Oct 17,1952	26.60
May 17	14.90	Aug 17	14.90	Nov 19	31.40
Jun 20	7.02	Sep 17	19.30	Dec 15	35.90

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, North side, Elev_____.

Apr 16,1952	26.42	Jly 15,1952	9.35	Oct 17, 1952	24.80
May 17	13.12	Aug 17	12.60	Nov 19	30.00
Jun 20	5.87	Sep 17	17.44	Dec 15	33.00

26-4 Johnston, John; SE Intersection on East Bank of Timpanogas Canal. East of House, NW Corner of Sec 10, .T 4 S, R 5 E. Head of depression that looks like old Spring, Water sometimes runs out of top of Well.

MP Top of wood Cover over Well.

Apr 16,1952	16.00	Jly 15,1952	4.70	Oct 17,1952	18.73
May 17	5.50	Aug 17	8.50	Nov 19	21.30
Jun 20	1.30	Sep 17	13.40	Dec 15	23.54

27. Baird; South of Dwelling, one mile south, at end of Main Street. Heber City ;NW Corner Sec 8, T 4 S, R 5 E. Dud 1883-84 and about 1893 had two feet of water. Depth 142 Feet.

MP Top Concrete Collar Elev 5636.21.

Apr 17,1952	106.24	Jly 15,1952	36.20	Oct 17,1952	63.90
May 17	75.90	Aug 17	28.94	Nov 19	75.20
Jun 20	43.10	Sep 17	51.90	Dec 15	84.00

38. Smith, Phil; Two Miles North and one mile East of Heber City, South side of Road, SW 1/4 Sec 24, T 3 S , R 4 E.
In front of old log house. Pipe in well, Pipe 14 Feet.

MP Top of Well Cover. LS .70 below.

Feb 15,1952	11.00	Jly 16,1952	8.33	Nov 18,1952	10.75
Apr 16	8.40	Aug 26	10.15	Dec 16	11.10
May 17	9.50	Sep 21	11.80		
Jun 22	10.34	Oct 18	11.72		

39. Witt, Frank; Two Blocks North of Heber City Depot. Fence line west side of street, fence west corner of driveway, 50 Feet NE of house, (OLD WITT WELL) has been converted to Cess pool; 13.5 foot pipe 1.5' above LS.

MP Top of pipe. Elev 5558.83. LS 5557.30.

Apr 16,1952	5.05	Jly 15,1952	4.75	Oct 17,1952	5.75
May 17	5.15	Aug 17	6.86	Nov 19	7.88
Jun 20	5.10	Sep 17	4.66	Dec 15	8.90

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.

Apr 16,1952	26.60	Jly 15,1952	19.50	Oct 17,1952	31.34
May 17	19.50	Aug 17	22.43	Nov 19	30.00
Jun 20	12.83	Sep 17	28.40	Dec 15	34.45

41. 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 frame house in Front yard.

MP S Andstone collar SE side, Elev 5686.16 LS Same.

Apr 16,1952	4.36	Jly 15,1952	2.10	Oct 17,1952	17.90
May 17	0.00	Aug 17	7.40	Nov 19	6.25
Jun 20	3.00	Sep 17	16.04	Dec 15	18.10

33 Morris Harry; At SE corner of framehouse, West of Hailstone Garage on south side of road,

MP Wood Cover NS. Elev 5926.21. LS 5935.70

Apr 16,1952	4.30	Jly 20,1952	6.05	Oct 18,1952	7.05
May 17	4.98	Aug 17	7.64	Nov 18	11.38
Jun 21	3.90	Sep 24	1.70	Dec 16	10.50

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.

Apr 16,1952	19.90	Jly 20,1952	26.70	Oct 18,1952	26.95
May 17	23.88	Aug 17	27.08	Nov 18	26.90
Jun 21	26.20	Sep 24	27.25	Dec 16	30.00

35. Montgomery; Pipe 13' 6th east and Center streets Heber City 167' East of NE Corner of Street intersection, 11.5' South of the north side of street, 2' East of Light Pole, in front of Montgomery Well of 1915 observations.

MP Top of pipe

Apr 16,1952	6.76	Jly 15,1952	4.50	Oct 17,1952	5.50
May 17	5.20	Aug 17	3.90	Nov 19	7.10
Jun 20	4.25	Sep 17	4.20	Dec 15	Dry

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

Apr 16,1952	20.98	Jly 15,1952	13.20	Oct 17,1952	24.70
May 17	20.80	Aug 17	17.08	Nov 19	27.30
Jun 20	13.26	Sep 17	17.40	Dec 15	32.06

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

MP Top of pipe .90 above LS.

Apr 16,1952	.15	Jly 16,1952	.54	Oct 17,1952	.70
May 17	.57	Aug 17	.63	Nov 19	.68
Jun 20	.30	Sep 17	.68	Dec 15	Frozen

CARLILE WELL

1952

Water Level in feet below land surface. From Recorder charts.

Day	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
1		45.60		50.25	31.45	15.15	9.25	9.42	11.47	18.17	23.61	31.47
2		45.72		50.15	30.69	14.25	8.12	9.58	11.38	17.89	23.97	31.68
3		45.86		50.10	30.19	13.89	8.22	9.61	10.89	18.28	24.39	32.38
4		45.98	48.54	50.04	29.12	12.70	8.08	9.82	11.99	18.44	24.75	32.52
5	- - - -	46.05	48.61	49.75	27.75	12.40	7.41	9.91	12.62	19.18	25.00	32.77
6		46.22	48.63	49.56	26.30	12.95	7.39	9.88	12.91	18.35	25.31	32.97
7	42.55	46.38	48.79	49.32	25.76	13.28	7.42	9.63	13.25	18.75	26.21	33.14
8	42.56	46.56	48.89	48.98	24.91	12.85	7.20	9.43	13.49	19.18	25.93	33.37
9	42.67	46.69	48.98	48.42	24.03	12.70		9.12	13.80	19.54	26.26	33.62
10	42.81	47.88	49.07	47.70	23.76	12.42	- - -	8.82	13.09	19.71	26.54	33.79
11	42.80	47.05	49.14	46.95	24.08	11.93		8.76	13.05	20.22	26.85	34.00
12	43.02	47.20	49.22	46.30	24.37	11.48		8.41	12.93	20.36	27.14	34.21
13	43.16	47.29	49.32	45.61	24.13	11.29		7.87	13.30	20.57	27.41	34.40
14	43.31	47.39	49.39	44.50	23.52	11.20		7.44	14.11	20.82	27.69	34.59
15	43.47	47.50	49.48	43.09	22.82	11.08	8.17	6.78	14.68	21.17	27.95	34.78
16	43.62	47.57	49.56	41.66	21.92	10.90	8.32	7.38	15.04	21.50	28.22	34.97
17	43.78	47.69	49.63	40.20	20.62	10.50	8.52	8.29	14.82	21.29	28.52	35.09
18	43.91	47.78	49.70	38.12	20.56	9.98	8.12	8.86	15.25	21.27	28.79	35.31
19	44.04	47.87	49.79	36.19	21.23	9.46	7.60	9.51	15.49	21.75	29.07	35.49
20	44.15	47.94	49.85	34.79	21.62	8.90	8.06	10.00	15.63	22.09	29.34	35.67
21	44.25	48.02	49.91	33.97	21.73	8.48	8.38	10.45	15.31	21.75	29.59	35.77
22	44.36	48.11		33.36	21.71	8.25	8.37	10.87	15.85	21.34	39.87	35.93
23	44.48	48.18		33.35	21.34	8.49	8.42	11.26	16.22	21.14	30.12	36.07
24	44.53	48.28		33.93	20.17	8.67	8.72	11.60	16.52	20.81	30.36	
25	44.55	48.32	49.70	33.25	19.25	- - -	8.89	11.93	16.79	- - -	30.59	- - -
26	44.81	48.43		33.27	18.78		8.89	12.17	17.07		30.81	
27	44.93	48.51		33.20	18.01		8.57	12.25	17.34		31.07	
28	45.07			33.26	18.12		8.59	12.10	17.61	22.40	31.29	
29	45.22			31.92	17.88		7.49	11.90	17.53	22.68	31.52	
30	45.33			31.68	17.88	9.04	8.08	11.36	17.93	22.98	31.74	
31	45.48	- - - - - - - - - -			16.76	- - -	9.01	11.31	- - -	23.29	- - - - -	

HEBER WINTERTON WELL

1952

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

Day	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
1	20.02	20.31	21.29	19.02	12.20	4.64	3.88	5.09	8.12	11.66	13.93	17.33
2	20.09	20.23	21.25	18.93	11.38	3.64	3.70	4.43	7.94	11.92	14.04	17.43
3	20.13	20.17	21.24	18.93	10.92	2.75	3.37	4.91	8.07	12.09	14.07	17.54
4	20.24	20.15	21.24	18.93	10.43	3.53	3.56	5.17	8.90	11.97	14.06	17.67
5	20.32	20.17	21.24	18.58	9.78	3.34	4.17	4.93	9.33	11.14	13.94	17.80
6	20.37	20.23	21.23	18.46	9.32	3.67	3.43	5.20	9.35	11.53	14.25	17.93
7	20.45	20.29	21.23	17.99	9.09	3.86	3.43	5.42	9.55	11.92	14.48	18.03
8	20.51	20.38	21.23	17.24	8.73	3.67	3.16	5.43	9.81	12.06	14.53	18.12
9	20.54	20.46	21.22	16.29	8.51	3.83	3.44	5.42	10.00	12.17	11.50	18.21
10	20.57	20.55	21.20	15.43	7.94	3.99	3.37	5.63	9.40	12.25	13.50	18.30
11	20.60	20.63	21.20	14.95	7.04	3.00	2.80	5.91	9.25	12.40	14.53	18.38
12	20.63	20.71	21.19	14.75	5.80	3.50	2.37	5.75	8.44	12.47	14.74	18.42
13	20.66	20.75	21.22	14.43	5.13	2.84	2.70	5.24	7.36	12.77	15.06	18.57
14	20.68	20.83	21.24	14.00	4.94	3.40	3.09	4.98	8.12	13.07	15.22	18.65
15	20.75	20.90	21.27	13.20	4.59	3.25	3.25	4.97	8.22	13.23	15.32	18.73
16	20.77	20.96	21.27	12.97	4.92	3.24	3.62	4.87	8.21	13.33	15.36	18.80
17	20.78	21.01	21.27	12.44	4.75	3.24	3.77	4.77	8.33	13.36	15.55	18.87
18	20.81	21.05	21.26	12.02	5.03	3.34	4.03	5.70	8.28	13.07	15.68	18.93
19	20.83	21.09	21.20	11.87	5.07	3.52	4.32	5.70	8.28	13.07	15.68	19.01
20	20.84	21.14	21.09	11.93	4.93	3.43	4.57	5.57	8.93	12.95	15.82	19.08
21	20.87	21.15	21.05	12.22	4.87	2.50	4.70	6.23	8.67	12.87	15.96	19.16
22	20.89	21.17	21.13	12.51	4.60	2.75	4.98	5.82	8.90	13.07	16.12	19.22
23	20.92	21.21	21.17	12.82	4.23	2.70	4.20	5.64	8.28	13.27	16.27	19.28
24	20.94	21.22	21.20	13.04	3.90	2.68	4.04	5.93	7.54	13.43	16.93	19.34
25	20.92	21.23	21.19	13.25	4.10	2.76	4.13	6.42	6.97	13.53	16.83	19.41
26	20.88	21.22	21.13	13.37	3.74	3.31	4.36	6.04	7.57	13.62	16.71	19.47
27	20.84	21.23	20.94	13.37	4.04	3.60	4.38	6.78	7.12	13.68	16.85	19.53
28	20.77	21.24	20.54	13.22	3.81	3.77	4.54	7.41	10.17	13.76	17.00	19.58
29	20.67	21.24	19.90	13.02	4.10	3.95	5.02	8.05	10.45	13.82	17.14	19.63
30	20.52	x	18.90	12.66	4.43	3.93	5.33	8.42	11.34	13.54	17.24	19.67
31	20.40	x	18.97	x	4.57	x	4.80	8.43	x	13.27	x	-