S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

M E A N

1929 - 1944 Inc.

Year	Apl	May	Jun	Jly	Aug	Sep	Acft
1929	488	868	883	369	339	348	200,800
1930	425	484	463	232	245	248	127,772
1931	221	218	159	116	121	123	58,116
32	487	957	879	337	260	245	193,018
33	329	350	757	232	180	175	122,920
34	160	135	112	87	88	91	41,060
35	233	433	854	234	195	167	128,800
36	698	1213	530	322	271	244	198,688
37	542	1107	524	369	277	246	185,933
38	592	986	698	326	265	257	189,021
39	427	472	314	209	183	182	108,055
1940	275	523	239	187	153	164	93,363
41	322	655	567	330	302	255	147,239
42	622	631	634	305	259	251	163,182
43	698	734	676	325	300	263	181,099
44	394	904	817	327	255	248	178,229

S U M M A R Y

N A T U R A L P R O V O R I V E R

U T A H V A L L E Y

1 9 4 4

Month	Max	Min	Mean	Acft
Apl	475	297	394	23465
May	1434	451	904	55563
Jun	1469	470	817	48640
Jly	513	285	327	20105
Aug	275	237	255	15687
Sep	257	240	248	14769
Max	1469			
Min	...	237		
Mean	...	...	491	
Total	...	...	...	178,229

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(297,4258)

NATURAL PROVO RIVER

UTAH VALLEY

1944

Day	Apl	May	Jun	Jly	Aug	Sep
1	405	481	1234	513	274	249
2	399	454	1469	449	274	254
3	421	451	1335	336	275	253
4	421	486	1146	332	268	247
5	418	588	915	310	258	249
6	454	626	907	309	257	249
7	453	714	949	319	255	244
8	433	818	938	329	264	244
9	360	866	1033	322	267	242
10	358	992	915	338	267	252
11	383	1002	1031	336	264	257
12	385	1030	873	333	264	257
13	407	1189	878	332	266	256
14	379	1167	890	335	266	251
15	357	1251	807	338	262	254
16	431	1247	733	342	250	254
17	399	1434	656	329	242	254
18	321	1199	646	313	246	250
19	297	1097	645	323	247	244
20	405	750	566	321	237	246
21	446	626	612	319	242	246
22	348	816	529	306	238	246
23	305	944	534	300	248	246
24	322	937	538	302	246	245
25	434	932	553	300	239	247
26	347	936	774	296	244	243
27	382	934	726	297	245	242
28	430	962	626	292	243	241
29	455	967	595	285	244	240
30	475	1049	470	290	257	244
31	xxx	1068	xxx	290	260	xxx
Tot	11830	28013	24523	10136	7909	7446
Max	475	1434	1469	513	275	257
Min	297	451	470	285	237	240
Mean	394	904	817	327	255	248
Aft	23465	55563	48640	20105	15687	14769

S U M M A R Y

N A T U R A L P R O V O R I V E R

O L M S T E A D D A M

1 9 4 4

Month	Max	Min	Mean	Acft
Apl	452	278	373	22,209
May	1397	422	867	53,320
Jun	1425	413	767	45,659
Jly	455	223	266	16,330
Aug	213	163	185	11,373
Sep	187	169	178	10,612
Max	1425	[illegible]		
Min	...	163		
Mean	...	...	439	
Total	...	...	...	159,503

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(297 4258)

NATURAL PROVO RIVER

OLMSTEAD DAM

1944

Day	Apl	May	Jun	Jly	Aug	Sep
1	375	456	1190	455	212	169
2	369	427	1425	391	212	175
3	391	422	1291	277	213	175
4	391	456	1101	273	206	171
5	388	456	870	250	196	174
6	435	594	862	249	194	174
7	434	681	903	258	192	170
8	414	785	892	267	200	172
9	341	832	986	260	202	171
10	339	958	868	276	201	182
11	364	968	983	274	198	187
12	366	995	825	271	197	187
13	388	1154	829	270	198	187
14	360	1131	841	273	197	182
15	338	1215	757	276	193	185
16	412	1210	683	280	180	186
17	380	1397	605	267	171	186
18	302	1161	595	251	175	182
19	278	1059	593	261	175	176
20	386	711	514	259	164	179
21	427	587	559	257	168	179
22	329	776	476	244	164	179
23	286	904	480	238	173	179
24	303	896	484	240	170	179
25	415	891	498	238	163	181
26	328	894	719	234	167	177
27	363	892	670	235	167	176
28	410	919	570	230	164	176
29	433	924	538	223	165	175
30	452	1006	413	228	177	179
31	xxx	1025	xxx	228	180	xxx
Tot	11197	26882	23020	8233	5734	5350
Max	452	1397	1425	455	213	187
Min	278	422	413	223	163	169
Mean	373	867	767	266	185	178
Aft	22209	53320	45659	16330	11373	10612

C R 1944

P R O V O   R I V E R

VIVIAN PARK AND UTAH VALLEY

APRIL 1944

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	273	30	303	+72	375	30	333	405
2	273	30	303	+66	369	30	333	399
3	273	30	303	+88	391	30	333	421
4	273	30	303	+88	391	30	333	421
5	276	30	306	+82	388	30	336	418
6	276	30	306	+129	435	19	325	454
7	276	30	306	+128	434	19	325	453
8	276	30	306	+108	414	19	325	433
9	273	30	303	+38	341	19	322	360
10	273	30	303	+36	339	19	322	358
11	276	30	306	+58	364	19	325	383
12	278	30	308	+58	366	19	327	385
13	278	30	308	+80	388	19	327	407
14	276	30	306	+54	360	19	325	379
15	276	30	306	+32	338	19	325	357
16	278	30	308	+104	412	19	327	431
17	276	30	306	+74	380	19	325	399
18	276	29	305	-3	302	19	324	321
19	273	29	302	-24	278	19	321	297
20	278	30	308	+78	386	19	327	405
21	276	30	306	+121	427	19	325	446
22	276	29	305	+24	329	19	324	348
23	278	30	308	-22	286	19	327	305
24	297	30	327	-24	303	19	346	322
25	300	30	330	+85	415	19	349	434
26	292	30	322	+6	328	19	341	347
27	295	30	325	+38	363	19	344	382
28	300	30	330	+80	410	20	350	430
29	306	31	337	+96	433	22	359	455
30	312	30	342	+110	452	23	365	475
xx	xxx	xx	xxx	xxxx	xxx	xx	xxx	xxx
Tot	8439	898	9337	1860	11197	633	9970	11830
Max								475
Min								297
Mean								394
Aft								23465

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P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

MAY 1944

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	317	30	347	+109	456	25	372	481
2	317	30	347	+80	427	27	374	454
3	320	30	350	+72	422	29	379	451
4	400	30	430	+26	456	30	460	486
5	458	30	488	+68	556	32	520	588
6	466	32	498	+96	594	32	530	626
7	472	34	506	+175	681	33	539	714
8	504	36	540	+245	785	33	573	818
9	593	37	630	+202	832	34	664	866
10	632	38	670	+288	958	34	704	992
11	702	38	740	+228	968	34	774	1002
12	775	36	811	+184	995	35	846	1030
13	828	36	864	+290	1154	35	899	1189
14	855	36	891	+240	1131	36	927	1167
15	860	36	896	+319	1215	36	932	1251
16	860	36	896	+314	1210	37	933	1247
17	864	37	901	+496	1397	37	938	1434
18	855	36	891	+270	1161	38	929	1199
19	850	35	885	+174	1059	38	923	1097
20	842	33	875	-164	711	39	914	750
21	837	30	867	-280	587	39	906	626
22	832	30	862	-86	776	40	902	816
23	832	30	862	+42	904	40	902	944
24	832	30	862	+34	896	41	903	937
25	832	30	862	+29	891	41	903	932
26	832	30	862	+32	894	42	904	936
27	832	28	860	+32	892	42	902	934
28	837	28	865	+54	919	43	908	962
29	846	28	874	+50	924	43	917	967
30	850	28	878	+128	1006	43	921	1049
31	860	28	888	+137	1025	43	931	1068
Tot	21992	1006	22998	3884	26882	1131	24129	28013
Max								1434
Min								451
Mean								904
Aft								55563

P R O V O   R I V E R

VIVIAN PARK AND UTAH VALLEY

JUNE 1944

Day	Vivian Park River	Fork	Total	Storage	Natural	Utah Valley Inflow	Total	Natural
1	869	28	897	+293	1190	44	941	1234
2	907	33	940	+485	1425	44	984	1469
3	907	30	937	+354	1291	44	981	1335
4	893	30	923	+178	1101	45	968	1146
5	888	30	918	-48	870	45	963	915
6	888	30	918	-56	862	45	963	907
7	893	30	923	-20	903	46	969	949
8	888	30	918	-26	892	46	964	938
9	897	32	929	+57	986	47	976	1033
10	936	32	968	-100	868	47	1015	915
11	1050	31	1081	-98	983	48	1129	1031
12	888	30	918	-93	825	48	966	873
13	893	30	923	-94	829	49	972	878
14	893	30	923	-82	841	49	972	890
15	893	30	923	-166	757	50	973	807
16	897	29	926	-243	683	50	976	733
17	893	28	921	-316	605	51	972	656
18	893	28	921	-326	595	51	972	646
19	893	28	921	-328	593	52	973	645
20	893	27	920	-406	514	52	972	566
21	902	27	929	-370	559	53	982	612
22	902	26	928	-452	476	53	981	529
23	902	26	928	-448	480	54	982	534
24	902	26	928	-444	484	54	982	538
25	916	26	942	-444	498	55	997	553
26	931	25	956	-237	719	55	1011	774
27	945	25	970	-300	670	56	1026	726
28	950	25	975	-405	570	56	1031	626
29	960	25	985	-447	538	57	1042	595
30	970	25	995	-582	413	57	1052	470
xx	xxx	xx	xxx	xxxx	xxx	xx	xxxx	xxx
Tot	27332	852	28184	-5164	23020	1503	29687	24523
Max								1469
Min								470
Mean								817
Aft								48640

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P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

JULY 1944

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	980	26	1006	-551	455	58	1064	513
2	656	25	681	-290	391	58	739	449
3	469	25	494	-217	277	59	553	336
4	390	25	415	-142	273	59	474	332
5	384	25	409	-159	250	60	469	310
6	381	26	407	-158	249	60	467	309
7	390	26	416	-158	258	61	477	319
8	393	26	419	-152	267	62	481	329
9	393	25	418	-158	260	62	480	322
10	362	26	388	-112	276	62	450	338
11	347	25	372	-98	274	62	434	336
12	344	25	369	-98	271	62	431	333
13	341	25	366	-96	270	62	428	332
14	341	25	366	-93	273	62	428	335
15	353	25	378	-102	276	62	440	338
16	365	25	390	-110	280	62	452	342
17	365	25	390	-123	267	62	452	329
18	365	24	389	-138	251	62	451	313
19	365	24	389	-128	261	62	451	323
20	365	24	389	-130	259	62	451	321
21	362	24	386	-129	257	62	448	319
22	353	23	376	-132	244	62	438	306
23	353	23	376	-138	238	62	438	300
24	353	23	376	-136	240	62	438	302
25	350	23	373	-135	238	62	435	300
26	347	23	370	-136	234	62	432	296
27	350	23	373	-138	235	62	435	297
28	365	23	388	-158	230	62	450	292
29	371	24	395	-172	223	62	457	285
30	371	25	396	-168	228	62	458	290
31	371	25	396	-168	228	62	458	290
Tot	12295	761	13056	-4823	8233	1903	14959	10136
Max								513
Min								285
Mean								327
Aft								20105

P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

AUGUST 1944

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	371	25	396	-184	212	62	458	274
2	371	25	396	-184	212	62	458	274
3	368	25	393	-180	213	62	455	275
4	359	25	384	-178	206	62	446	268
5	350	24	374	-178	196	62	436	258
6	350	23	373	-179	194	63	436	257
7	347	23	370	-178	192	63	433	255
8	347	23	370	-170	200	64	434	264
9	347	23	370	-168	202	65	435	267
10	347	23	370	-169	201	66	436	267
11	344	23	367	-169	198	66	433	264
12	344	23	367	-170	197	67	434	264
13	344	24	368	-170	198	68	436	266
14	341	26	367	-170	197	69	436	266
15	335	28	363	-170	193	69	432	262
16	326	28	354	-174	180	70	424	250
17	332	28	360	-189	171	71	431	242
18	335	28	363	-188	175	71	434	246
19	335	28	363	-188	175	72	435	247
20	323	28	351	-187	164	73	424	237
21	314	27	341	-173	168	74	415	242
22	309	27	336	-172	164	74	410	238
23	317	26	343	-170	173	75	418	248
24	317	26	343	-173	170	76	419	246
25	326	26	352	-189	163	76	428	239
26	332	26	358	-191	167	77	435	244
27	329	26	355	-188	167	78	433	245
28	329	26	355	-191	164	79	434	243
29	329	26	355	-190	165	79	434	244
30	329	29	358	-181	177	80	438	257
31	329	32	361	-181	180	80	441	260
Tot	10476	800	11276	5542	5734	2175	13451	7909
Max								275
Min								237
Mean								255
Aft								15687

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P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

SEPTEMBER 1944

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	329	30	359	-190	169	80	439	249
2	326	29	355	-180	175	79	434	254
3	312	28	340	-165	175	78	418	253
4	317	26	343	-172	171	76	419	247
5	317	30	347	-173	174	75	422	249
6	314	30	344	-170	174	75	419	249
7	312	28	340	-170	170	74	414	244
8	314	28	342	-170	172	72	414	244
9	314	27	341	-170	171	71	412	242
10	317	27	344	-162	182	70	414	252
11	320	28	348	-161	187	70	418	257
12	320	28	348	-161	187	70	418	257
13	320	27	347	-160	187	69	416	256
14	317	26	343	-161	182	69	412	251
15	317	27	344	-159	185	69	413	254
16	317	28	345	-159	186	68	413	254
17	317	28	345	-159	186	68	413	254
18	306	28	334	-152	182	68	402	250
19	284	28	312	-136	176	68	380	244
20	273	28	301	-122	179	67	368	246
21	273	28	301	-122	179	67	368	246
22	273	28	301	-122	179	67	368	246
23	273	28	301	-122	179	67	368	246
24	273	28	301	-122	179	66	367	245
25	273	28	301	-120	181	66	367	247
26	270	28	298	-121	177	66	364	243
27	270	28	298	-122	176	66	364	242
28	270	28	298	-122	176	65	363	241
29	268	28	296	-121	175	65	361	240
30	270	29	299	-120	179	65	364	244
xx	xxx	xx	xxx	xxxx	xxx	xx	xxx	xxx
Tot	8976	840	9816	-4466	5350	2096	11912	7446
Max								257
Mim								240
Mean								248
Aft								14769

I N F L O W C U R V E

1 9 4 4

Day	Apl	May	Jun	Jly	Aug	Sep
1	30	25	44	58	62	80
2	30	27	44	58	62	79
3	30	29	44	59	62	78
4	30	30	45	59	62	76
5	30	32	45	60	62	75
6	19	32	45	60	63	75
7	19	33	46	61	63	74
8	19	33	46	62	64	72
9	19	34	47	62	65	71
10	19	34	47	62	66	70
11	19	34	48	62	66	70
12	19	35	48	62	67	70
13	19	35	49	62	68	69
14	19	36	49	62	69	69
15	19	36	50	62	69	69
16	19	37	50	62	70	68
17	19	37	51	62	71	68
18	19	38	51	62	71	68
19	19	38	52	62	72	68
20	19	39	52	62	73	67
21	19	39	53	62	74	67
22	19	40	53	62	74	67
23	19	40	54	62	75	67
24	19	41	54	62	76	66
25	19	41	55	62	76	66
26	19	42	55	62	77	66
27	19	42	56	62	78	66
28	20	43	56	62	79	65
29	22	43	57	62	79	65
30	23	43	57	62	80	65
31	xx	43	xx	62	80	xx

Note: Discharge Record at Vivian Park and Station West of Provo is daily mean obtained by recorders. Total of Diversions is observed flow over the section Mouth of Canyon to the Fort Field Canal.

With the Total Measurements, second feet below the Mouth of Provo Canyon down to Station West of Provo, below the Lakeview Bridge, and the discharge at Vivian Park, -- the Inflow Curve is projected.

TFW.

PROVO RIVER UTAH VALLEY

"TOTAL MEASUREMENTS"

Date 1944		Diver-sions	By-To Lake	Water-works	Total Cfs	Total Viv.Pk.	Indicated Inflow
Apl	1	49	275	9	333	303	30
	4	59	266	9	334	303	31
	7	35	281	9	325	306	19
	15	44	273	9	326	306	20
	19	37	273	10	320	302	18
	25	77	262	10	349	330	19
May	3	83	288	11	382	350	32
	5	90	428	11	529	488	41
	10	210	559	12	781	670	111
	18	431	439	12	882	886	-4
	22	397	425	12	834	862	-28
	24	433	393	12	838	862	24
	26	489	378	12	879	862	17
	29	545	360	12	917	874	43
Jun	5	318	635	10	963	918	45
	9	307	628	10	945	929	16
	14	449	556	10	1015	923	92
	17	449	494	16	959	921	38
	21	587	385	16	988	929	59
	25	492	456	16	964	942	22
	27	498	468	15	981	970	11
	29	492	465	15	972	995	-23
Jly	6	449	2	16	467	407	60
	8	470	0	16	486	419	67
	9	461	0	16	477	418	59
	12	420	0	16	436	369	67
	13	418	0	16	434	366	68
	17	436	0	16	452	390	62
	19	435	0	16	451	389	62
	20	427	0	16	443	389	54
	21	429	0	16	445	386	57
	24	419	0	16	435	376	59
	25	422	0	16	438	373	65
	26	419	0	16	435	370	65
	31	439	0	16	455	396	59
Aug	3	435	0	16	451	393	58
	5	425	0	16	441	374	67
	6	423	0	16	439	373	66
	7	417	0	16	433	370	63
	8	418	0	16	434	370	64
	9	404	0	16	420	370	50
	13	420	0	16	436	368	68
	14	411	0	16	427	367	60
	17	408	o	16	424	360	64

PROVO RIVER UTAH VALLEY

"TOTAL MEASUREMENTS"

Date 1944		Diver-sions	By-To Lake	Water-works	Total Cfs	Total Viv.Pk.	Indicated Inflow
Aug	18	407	0	16	423	363	60
	20	413	0	16	429	351	78
	21	397	0	16	413	341	72
	22	394	0	16	410	336	74
	26	418	0	17	435	358	77
	27	423	0	17	440	355	85
	29	422	0	17	439	355	84
	30	420	0	17	437	358	79
Sep	1	424	0	15	439	359	80
	3	388	0	15	403	340	63
	5	406	0	15	421	347	74
	6	404	0	15	419	344	75
	7	400	0	15	415	340	75
	9	400	0	17	417	341	76
	11	399	0	17	416	348	68
	14	396	0	17	413	343	70
	16	396	0	17	413	345	68
	20	351	4	14	369	301	68
	23	350	4	14	368	301	67
	25	344	5	14	363	301	62
	28	355	5	14	374	298	76

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C R 1944

OBSERVATION WELLS
ON PROVO RIVER

2. John E.Wright
3. David E.Wright
4. Elmer Edwards
5. Laurence Edwards
6. Brown

7. Cummings
8. Charles E.Webster
9. William Richins
12. George R.Carlile
14. Ed Webb

15. Casper
16. Joseph Widdison
17. Steve Simmons
18. Clifford Richie
19. Durtschi

23. L.J.Howe
25. Jack Watson
26-1 McDonal -1
26-2 McDonal -2
26-3 Hyrum Christensen
26-4 John Johnson
27. Baird
33. Harry Morris
34. Lee Brothers
35. Robert Montgomery

37. Robert Brierly
38. Phillip Smith
39. Frank Witt
40. J.W.Allison
41. Joseph Anderson

42. G.M.Pace
43. London
44. Chase Crook
46. Hart Carlile
48. Jordan Bros.

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CC - USGS; USRS % J H Steele; I.F.Baum; State Engr.

Water level, in feet below measuring point.

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2. WRIGHT, JOHN E:

Dec	2,1943	21.16	Apl	1,1944	22.00	Aug	1,1944	18.00
Jan	6,1944	23.00	May	3	21.54	Oct	3	20.58
Feb	4,	24.00	Jun	1	13.24	Nov	1	22.00
Mar	2	23.75	Jly	1	10.50	Dec	2	19.90
						Jan	1,1945	21.80

3. WRIGHT, DAVID E:

Dec	2,1943	21.5	Apl	1,1944	23.9	Aug	1,1944	15.4
Jan	6,1944	23.9	May	2	22.16	Oct	3	19.75
Feb	4	24.5	Jun	1	12.5	Nov	1	18.33
Mar	2	24.8	Jly	1	7.3	Dec	2	21.0
						Jan	1,1945	23.7

4. EDWARDS, ELMER:

Dec	2,1943	14.34	Apl	1,1944	14.96	Aug	1,1944	9.70
Jan	6,1944	15.30	May	3	15.4	Oct	2	13.42
Feb	4,	15.6	Jun	1	10.02	Nov	1	14.8
Mar	2	12.0	Jly	1	6.30	Dec	2	14.0
						Jan	1,1945	17.0

5. EDWARDS, LAURENCE;

Dec	2,1943	14.4	Apl	1,1944	14.9	Oct	3,1944	12.68
Jan	6,1944	15.2	May	3	15.76	Nov	1	13.10
Feb	4,x	16.3	Jly	1	4.42	Dec	2	13.74
Mar	2	16.46	Aug	1	7.75			

6. BROWN:

Record last of this section.

7. CUMMINGS:

Dec	2,1943	22.9	Apl	1,1944	23.72	Aug	1,1944	13.35
Jan	6,1944	24.2	May	3	25.10	Oct	3	21.10
Feb	4	25.1	Jun	1	17.80	Nov	1	21.75
Mar	2	25.26	Jly	1	7.24	Dec	2	25.52
						Jan	1,1945	24.10

8. WEBSTER, CHARLES E.:

Dec	2,1943	22.75	Apl	1,1944	21.7	Aug	1,1944	10.4
Jan	6,1944	24.74	May	1	26.08	Oct	3	20.1
Feb	4	25.9	Jun	1	15.0	Nov	1	21.42
Mar	2	23.3	Jly	1	5.32	Dec	2	22.5
						Jan	1,1945	22.54

9. RICHINS, WILLIAM:

Dec	2,1943	51.45	May	3,1944	Dry	Oct	3,1944	46.1
Jan	6,1944	Dry	Jun	1	36.5	Nov	1	48.2
Feb	4,	Dry	Jly	1	24.4	Dec	2	51.0
Apl	1	Dry	Aug	1	31.66	Jan	1,1945	56.0

12. CARLILE, GEORGE R.:

Dec	2,1943	9.00	May	3,1944	12.00	Oct	3,1944	5.66
Jan	6,1944	11.70	Jun	1	4.58	Nov	1	7.00
Mar	2	13.00	Jly	1	3.25	Dec	2	9.96
Apl	1	11.30	Aug	1	3.66	Jan	1,1945	11.50

14. WEBB, ED;

Dec	2,1943	49.5	May	3,1944	63.3	Oct	3,1944	44.3
Jan	6,1944	59.5	Jun	1	44.4	Nov	1	55.0
Mar	2	63.5	Jly	1	26.0	Dec	2	55.5
Apl	1	63.4	Aug	1	37.6	Jan	1,1945	57.2

15. CASPER:

Dec	2,1943	33.84	Apl	1,1944	35.9	Aug	1,1944	22.4
Jan	6,1944	33.40	May	3	36.4	Oct	3	31.5
Feb	4	36.33	Jun	1	24.4	Nov	1	32.5
Mar	2	36.50	Jly	1	15.5	Dec	1	32.8
						Jan	1,1945	33.5

16. WIDDISON, JOSEPH:

Discontinued, installed pump.

17. SIMMONS, STEVE:

Dec	2,1943	32.8	May	3,1944	35.5	Oct	3,1944	36.0
Jan	6,1944	32.5	Jun	1	27.46	Nov	1	35.9
Mar	2	37.2	Jly	1	17.55	Dec	2	33.6
Apl	1	34.32	Aug	1	29.1	Jan	1,1945	36.0

18. RICHIE, CLIFFORD:

Dec	2,1943	23.0	Apl	1,1944	27.0	Aug	1,1944	19.0
Jan	6,1944	30.0	May	3	25.24	Oct	3	21.9
Feb	4	28.5	Jun	1	16.06	Dec	2	22.32
Mar	2	28.5	Jly	1	11.5	Jan	1,1945	25/9

19. DURTSCHI:

Dec	2,1943	12.0	May	3,1944	12.8	Aug	1,1944	8.4
Mar	2,1944	14.75	Jun	1	9.76	Nov	1	10.2
Apl	1	11.5	Jly	1	5.00	Dec	2	10.9

23. HOWE, L.J.:

Dec	1,1943	102.1	Jun	1,1944	97.7	Nov	1,1944	96.4
Jan	5,1944	101.5	Jly	1	91.3	Dec	2	95.5
Mar	1	104.3	Aug	1	97.0	Jan	1,1945	98.7
May	3	101.7	Oct	2	94.5			

25. WATSON, JACK;

Dec	1,1943	14.24	Apl	1,1944	16.75	Aug	1,1944	0.66
Jan	5,1944	13.70	May	3	15.20	Oct	2	8.90
Feb	2	17.24	Jun	1	3.75	Nov	1	10.42
Mar	1	17.46	Jly	1	0.66	Dec	2	13.10
						Jan	1,1945	18.10

26-1. MCDONALD - 1;

Dec	1,1943	28.84	Apl	1,1944	20.75	Aug	1,1944	11.42
Jan	5,1944	33.32	May	3	21.32	Oct	2	23.5
Feb	2	35.00	Jun	1	7.50	Nov	1	24.1
Mar	1	38.70	Jly	1	5.50	Dec	2	31.8
						Jan	1,1945	34.6

26-2 MCDONALD - 2;

Dec	1,1943	27.5	Apl	1,1944	27.6	Aug	1,1944	11.4
Jan	5,1944	34.5	May	3	24.58	Oct	2	28.0
Feb	2	37.42	Jun	1	10.5	Nov	1	29.4
Mar	1	42.3	Jly	1	8.0	Dec	2	34.5
						Jan	1,1945	39.4

26-3. CHRISTENSEN, HYRUM;

Dec	1,1943	31.58	Apl	1,1944	28.92	Aug	1,1944	12.14
Jan	5,1944	37.10	May	3	25.30	Oct	2	27.90
Feb	2	39.9	Jun	1	9.44	Nov	1	29.75
Mar	1	41.5	Jly	1	7.54	Dec	1	34.40
						Jan	1,1945	37.60

26-4. JOHNSON, JOHN;

Dec	1,1943	22.4	Apl	1,1944	21.32	Aug	1,1944	8.1
Jan	5,1944	25.1	May	3	17.50	Oct	2	18.9
Feb	2	26.8	Jun	1	3.30	Nov	1	21.8
Mar	1	27.3	Jly	1	2.92	Dec	2	24.06
						Jan	1,1945	26.42

27. BAIRD;

Dec	1,1943	97.3	Apl	1,1944	118.0	Aug	1,1944	56.0
Jan	5,1944	103.0	May	3	118.0	Oct	2	78.1
Feb	4	110.3	Jun	1	100.5	Nov	1	88.7
Mar	1	114.5	Jly	1	63.2	Dec	2	105.2
						Jan	1,1945	117.0

33. MORRIS, HARRY;

33. MORRIS, HARRY;

Dec 15,1943	7.66	Apl 13,1944	5.54	Aug 18,1944	4.25
Jan 17,1944	9.58	May 20	5.75	Sep 20	2.50
Feb 17	12.95	Jun 16	1.75	Nov 20	6.58
Mar 18	7.00	Jly 20	6.15	Jan 3,1945	10.24

34. LEE BROTHERS;

Dec 15,1943	27.42	Apl 13,1944	27.06	Sep 20,1944	29.20
Jan 17,1944	27.80	Jun 16	28.08	Nov 20	27.50
Feb 17	27.75	Jly 20	28.20	Jan 3,1945	29.30
Mar 18	27.92	Aug 18	28.24		

35. MONTGOMERY, ROBERT;

Dec 1,1943	Dry	Apl 1,1944	Dry	Aug 1,1944	3.43
Jan 5,1944	"	May 3	"	Oct 2	Dry
Feb 2,	"	Jun 1	6.50	Nov 1	"
Mar 1,	"	Jly 1	3.10	Dec 2	"
				Jan 1,1945	"

37. BRIERLY, ROBERT;

Dec 1,1943	23.5	Apl 1,1944	25.75	Aug 1,1944	8.04
Jan 5,1944	26.0	May 3	26.70	Covered with lawn.	
Feb 2	25.8	Jun 1	17.42		
Mar 1	27.08	Jly 1	9.34		

38. SMITH, PHILLIP;

Dec 15,1943	9.60	Apl 15,1944	9.33	Aug 11,1944	10.5
Jan 17,1944	10.2	May 15	6.06	Sep 22	10.1
Feb 17	10.6	Jly 1	9.24	Nov 20	9.5
				Jan 3,1945	9.42

39. WITT, FRANK;

Dec 1,1943	5.40	Apl 1,1944	8.84	Aug 1,1944	5.48
Jan 5,1944	7.75	May 1	8.96	Oct 2	7.50
Feb 2	9.84	Jun 1	6.76	Nov 1	8.5
Mar 1	9.76	Jly 1	5.42	Dec 2	8.6
				Jan 1,1945	9.2

40. ALLISON, J.W.;

Dec 1,1943	30.7	May 3,1944	23.1	Oct 2,1944	28.6
Jan 5,1944	34.0	Jun 1	7.16	Nov 1	31.0
Feb 2	36.52	Jly 1	15.7	Dec 2	31.9
Apl 1	36.16	Aug 1	21.84	Jan 1,1945	31.0

41. ANDERSON, JOSEPH;

Dec 1,1943	16.58	May 3,1944	21.32	Oct 2,1944	20.3
Jan 5,1945	18.12	Jun 1	8.46	Dec 2	20.5
Mar 1	24.08	Jly 1	1.80	Jan 1,1945	22.3
Apl 1	24.4	Aug 1	6.32		

42. PACE, G.M.;

Dec	1,1943	27.75	Apl	1,1944	35.9	Aug	1,1944	13.0
Jan	5,1944	31.2	May	3	31.84	Oct	1	17.1
Feb	2	37.67	Jun	1	17.1	Nov	1	13.16
Mar	1	39.0	Jly	1	6.4	Dec	2	25.9
						Jan	1,1945	32.7

43. LONDON PIPE;

Dec	1,1943	2.92	Apl	1,1944	3.33	Aug	1,1944	2.04
Jan	5,1944	3.24	May	3	3.06	Oct	2	2.50
Feb	2	3.68	Jun	1	2.92	Nov	1	2.50
Mar	1	4.50	Jly	1	2.50	Dec	2	2.58
						Jan	1,1945	2.70

44. CROOK, CHASE;

Dec	1,1943	13.92	Mar	1,1944	12.34	Jun	1,1944	7.5
Jan	5,1944	13.90	Apl	1	12.10	Closed in.		
Feb	2	13.50	May	3	11.40			

46. CARLILE, HART;

See record last of this section.

48. JORDAN BROS.;

Dec	15,1943	6.08	Apl	13,1944	4.45	Aug	18,1944	5.90
Jan	17,1944	5.56	May	20	3.80	Sep	20	6.34
Feb	17	5.92	Jun	16	2.00	Nov	20	5.94
Mar	18	5.46	Jly	20	5.04	Jan	3,1945	5.20

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Charlotte Brown (Charleston) 1944
(D-4-4) 14abb
(Water level at noon, in feet below measureing point, 1944, from Recorder Chart, Measureing Point, top of curb south side, Elev 5460.30, L S 5457.30, Old Datum prior to Nov 17,1937 = 5457.30, U S G S datum 1943 and subsequent years 5457.30)

Day	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
1	20.77		22.32	19.94	21.41	15.05	5.11	10.24	15.34	17.74	18.57	19.28
2	20.78		22.33	19.75	21.64		5.51	10.45	15.61	17.92	18.67	19.35
3	20.89	21.80	22.30	19.75	21.82		5.69	10.72	15.69	18.09	18.47	19.42
4	20.93	21.85	22.29	19.87	21.89		5.45	11.02	15.93	18.00	17.60	19.48
5	20.95	21.86	22.31	20.02	21.86		4.76	10.95	16.18	17.82	17.21	19.54
6		21.86	22.32	20.72	21.83		4.52	11.00	15.89	17.81	15.90	19.60
7		21.86	22.32	20.86	21.82		4.75	10.73	16.06	18.03	16.76	19.66
8		21.88	22.32	20.95	21.81		5.30	11.41	16.23	18.07	17.25	19.72
9		21.91	22.33	20.62	21.80	10.60	5.57	11.96	16.35	18.24	17.47	19.77
10		22.00	22.34	20.36	21.79	10.26	5.73	12.45	16.43	18.36	17.53	19.82
11		22.01	22.29	20.27	21.71	9.68	6.22	12.82	16.45	18.18	17.57	19.85
12		22.03	22.23	20.23	21.59	9.28	6.61	13.06	16.58	18.25	17.63	19.93
13	21.16	22.04	22.17	20.20	21.25	8.85	7.16	13.27	16.68	17.65	17.70	20.00
14	21.19	22.05	22.13	20.20	21.00	8.04	6.96	13.45	16.59	18.10	17.79	20.04
15		22.06	22.14	20.14	20.28	7.90	7.06	13.13		18.12	17.70	20.08
16		22.07	22.14	20.23	20.28	6.58	7.37	13.49	16.40	18.14	17.83	20.11
17		22.09	22.15	20.30	20.26	6.25	8.03	13.15	16.50	18.13	17.88	20.12
18		22.11	22.16	20.23	20.32	6.15	8.58	13.58	16.67	18.06	17.97	20.12
19		22.11	22.16	20.39	20.41	6.15	8.75	13.82	16.85	18.02	18.06	20.25
20	21.42	22.12	22.13	20.54	20.15	5.67	8.65	14.07	16.91	18.01	18.28	20.32
21		22.14	22.04	20.52	19.46	5.80	8.94	14.27	16.98	18.06	18.47	20.35
22		22.18	21.91	20.65	19.15	6.10	9.22	14.31	17.13	18.23	18.60	20.39
23		22.22	21.38	20.80	18.88	6.09	9.57	14.46	17.10	18.38	18.70	20.42
24		22.22	20.91	20.93	18.54	5.70	9.69	14.65	17.14	18.58	18.78	20.39
25		22.26	20.86	21.00	18.07	4.42	9.81	14.58	17.35	18.37	18.86	20.42
26		22.28	20.96	21.07	17.25	4.98	9.25	14.87	17.22	18.11	18.94	20.47
27	21.60	22.29	21.04	21.16	16.27	5.34	8.73	14.62	17.16	17.88	19.02	20.55
28		22.31	20.96	21.25	15.26	5.40	8.73	14.92	17.14	17.97	19.12	20.57
29		22.33	20.80	21.26	15.70	5.40	9.47	15.06	17.10	18.20	19.15	20.62
30			20.67	21.16	15.37	5.10	9.88	15.35	17.50	18.40	19.22	20.63
31			20.03		15.13		10.19	15.27		18.52		20.67

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CC - State Engr.
I F Baum.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Charlotte Brown (Charleston) 1944
(D-4-4) 14abb
(Water level at noon, in feet below measureing point, 1944, from Recorder Chart, Measureing Point, top of curb south side, Elev 5460.30, L S 5457.30, Old Datum prior to Nov 17,1937 = 5457.30, U S G S datum 1943 and subsequent years 5457.30)

Day	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
1	20.77		22.32	19.94	21.41	15.05	5.11	10.24	15.34	17.74	18.57	19.28
2	20.78		22.33	19.75	21.64		5.51	10.45	15.61	17.92	18.67	19.35
3	20.89	21.80	22.30	19.75	21.82		5.69	10.72	15.69	18.09	18.47	19.42
4	20.93	21.85	22.29	19.87	21.89		5.45	11.02	15.93	18.00	17.60	19.48
5	20.95	21.86	22.31	20.02	21.86		4.76	10.95	16.18	17.82	17.21	19.54
6		21.86	22.32	20.72	21.83		4.52	11.00	15.89	17.81	15.90	19.60
7		21.86	22.32	20.86	21.82		4.75	10.73	16.06	18.03	16.76	19.66
8		21.88	22.32	20.95	21.81		5.30	11.41	16.23	18.07	17.25	19.72
9		21.91	22.33	20.62	21.80	10.60	5.57	11.96	16.35	18.24	17.47	19.77
10		22.00	22.34	20.36	21.79	10.26	5.73	12.45	16.43	18.36	17.53	19.82
11		22.01	22.29	20.27	21.71	9.68	6.22	12.82	16.45	18.18	17.57	19.85
12		22.03	22.23	20.23	21.59	9.28	6.61	13.06	16.58	18.25	17.63	19.93
13	21.16	22.04	22.17	20.20	21.25	8.85	7.16	13.27	16.68	17.65	17.70	20.00
14	21.19	22.05	22.13	20.20	21.00	8.04	6.96	13.45	16.59	18.10	17.79	20.04
15		22.06	22.14	20.14	20.28	7.90	7.06	13.13		18.12	17.70	20.08
16		22.07	22.14	20.23	20.28	6.58	7.37	13.49	16.40	18.14	17.83	20.11
17		22.09	22.15	20.30	20.26	6.25	8.03	13.15	16.50	18.13	17.88	20.12
18		22.11	22.16	20.23	20.32	6.15	8.58	13.58	16.67	18.06	17.97	20.12
19		22.11	22.16	20.39	20.41	6.15	8.75	13.82	16.85	18.02	18.06	20.25
20	21.42	22.12	22.13	20.54	20.15	5.67	8.65	14.07	16.91	18.01	18.28	20.32
21		22.14	22.04	20.52	19.46	5.80	8.94	14.27	16.98	18.06	18.47	20.35
22		22.18	21.91	20.65	19.15	6.10	9.22	14.31	17.13	18.23	18.60	20.39
23		22.22	21.38	20.80	18.88	6.09	9.57	14.46	17.10	18.38	18.70	20.42
24		22.22	20.91	20.93	18.54	5.70	9.69	14.65	17.14	18.58	18.78	20.39
25		22.26	20.86	21.00	18.07	4.42	9.81	14.58	17.35	18.37	18.86	20.42
26		22.28	20.96	21.07	17.25	4.98	9.25	14.87	17.22	18.11	18.94	20.47
27	21.60	22.29	21.04	21.16	16.27	5.34	8.73	14.62	17.16	17.88	19.02	20.55
28		22.31	20.96	21.25	15.26	5.40	8.73	14.92	17.14	17.97	19.12	20.57
29		22.33	20.80	21.26	15.70	5.40	9.47	15.06	17.10	18.20	19.15	20.62
30			20.67	21.16	15.37	5.10	9.88	15.35	17.50	18.40	19.22	20.63
31			20.03		15.13		10.19	15.27		18.52		20.67

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CC - State Engr.
I F Baum.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1944

Hartley Carlile
(D-4-4) 12aaa
(Water level at noon, in feet below measureing point, 1944, from Recorder Chart, Measureing Point top instrument table Elevation 5557.40)

Day	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec
1	48.08		54.95	57.15	56.63	38.70	18.90	19.56	27.10	31.87	37.72	42.74
2	48.23		55.15	57.13	56.66	37.83	19.05	19.75	27.27	31.68	38.15	42.95
3	48.38	51.74	55.10	57.02	56.67		19.18	20.10	27.55	31.83	38.34	43.20
4	48.54	51.82	55.13	56.88	56.63		18.95	20.38	27.93	32.01	38.61	43.46
5	48.66	51.92	55.16	56.82	56.83		18.53	20.26	28.12	32.23	38.82	43.70
6	48.77	51.85	55.22	56.71	56.88		18.23	20.13	28.18	32.10	38.97	43.92
7	49.01	51.85	55.28	56.72	56.37		18.06	20.64	28.25	31.63	38.69	44.15
8	49.06	51.92	55.36	56.75	56.23	29.25	18.28	21.04	28.38	31.67	38.36	44.35
9	49.22	52.15	55.41	56.82	56.13	28.04	18.25	21.46	28.65	32.25	38.45	44.57
10	49.33	52.31	55.40	56.88	55.97	27.57	18.87	21.65	28.86	32.91	38.74	44.80
11	49.46	52.41	55.43	56.97	55.85	28.67	19.25	21.88	28.94	33.30	38.69	45.00
12	49.55	52.56	55.40	57.07	55.87	28.05	19.30	22.13	29.03	33.52	38.67	45.28
13	49.60	52.65	55.42	57.20	56.09	26.90	19.40	22.40	29.28	33.86	38.53	45.42
14	49.65	52.80	55.52	57.27	55.98	26.52	19.59	22.65	30.08	34.25	38.30	45.62
15	49.75	52.90	55.63	57.35	55.72	26.65	19.85	22.50		34.58	38.50	45.82
16	49.90	53.02	55.55	57.47	55.33	26.52	20.06	22.88	29.73	34.90	38.74	46.00
17		53.12	55.74		54.97	24.95	20.01	23.00	29.98	35.20	39.03	46.20
18		53.17	55.86		54.56	23.64	19.50	23.05	30.00	35.45	39.15	46.38
19		53.42	56.03		53.90	22.70	19.25	23.37	30.29	35.67	39.23	46.57
20	50.40	53.50	56.13	57.55	52.50	22.12	19.60		30.16	35.90	39.39	46.75
21	50.43	53.70	56.22	57.55		21.68	19.70		30.97	36.10	39.60	46.92
22	50.48	53.97	56.31	57.60		21.62	19.50		31.15	36.18	40.00	47.10
23	50.85	54.10	56.25	57.62		21.87	19.19		31.46	36.34	40.35	47.25
24		54.25	56.35	57.67		21.88	19.07	25.15	31.75	36.52	40.67	47.40
25		54.35	56.45	57.61	45.78	21.05	18.94	25.52	31.96	36.40	41.00	47.57
26		54.45	56.54	57.30	44.06	20.22	18.70	25.77	32.08	36.70	41.30	47.72
27	51.14	54.58	56.63	57.14	43.08	20.12	18.70		31.90	36.82	41.58	47.85
28		54.75	56.73	56.98	42.86	20.42	19.14		32.07	37.00	41.87	47.99
29		54.85	56.80	56.76	42.65	20.50	19.18		31.98	37.25	42.20	48.15
30			57.04	56.58	40.80	19.71	19.37		32.00	37.60	42.46	48.30
31			57.11		39.75		19.43	26.91		37.64		48.42

CC - State Engr.
- I F Baum

C R 1944

LOST CREEK & BRIDAL VEIL FALLS

To UP&L Flume and To Provo City Waterworks

- LOST CREEK

May 1944	Total Cfs	To Flume	To Provo
12	5.58	5.59/2.94	0/2.64
13	5.58	2.94	2.64
14	5.58	2.94	2.64
15	5.58	2.94	2.64
16	5.80	3.16	2.64
17	5.80	3.16/5.80	2.64/0

12- 900a
17 - 900a
- - - - - - - - - - - - - - -

LOST CREEK

June 1944	Tot Cfs	To Flume	To Provo
14	5006	5.06/2.78	0/2.28
15	4.90	2.62/2.07	2.28/2.83
16	4.75	1.92	2.83
17	4.75	1.92	2.83
18	4.75	1.92	2.83
19	4.75	1.92	2.83
20	4.75	1.92	2.83
21	4.46	1.04	3.42
22	4.46	1004	3.42
23	4.46	1.04	3.42
24	4.46	0.64	3.82
25	4.46	0.64/4.46	3.82/0

14 - 430p
15 -1130a
25 - 500p
- - - - - - - - - - - - - - -

July on following page.

LOST CREEK

Aug 1944	Tot Cfs	To Flume	To Provo
1	3.42	0.96	2.46
2	3.42	0.96	2.46
3	3.42	0.96	2.46
4	3.42	0.96	2.46
5	3.42	0.96	2.46
6	3.42	1.00	2.42
7	3.52	1.06	2.46
8	3.52	1.06	2.46
9	3.52	1.06	2.46
10	3.52	1.06	2.46
11	3.52	1.06/1.91	2.46/1.61
12	3.52	1.91	1.61
13	3.52	1.91	1.61
14	3.52	1.91	1.61
15	3.52	1.91	1.61
16	3.52	1.91	1.61
17	3.52	1.91	1.61
18	3.52	1.91	1.61
19	3.52	1.91	1.61
20	3.52	1.91	1.61
21	3.52	1.91	1.61
22	3.42	1.81	1.61
23	3.42	1.81	1.61
24	3.42	1.81	1.61
25			
26	3.42	1.81/2.54	1.61/.88
27			
28	3.42	2.54	0.88
29	3.42	2.54	0.88
30			
31			

(11- 12M; 26 - 1100a)
- - - - - - - - - - - - - - -

LOST CREEK

Sept 1944	Tot	To Flume	To Provo
1	3.42	1.81	1.61
2	3.42	2.54/3.42	0.88/0

(2 - 1030a)
- - - - - - - - - - - - - - -

C R 1944

LOST CREEK AND BRIDAL VEIL FALLS

To UP&L Flume and to Provo City Waterworks

	Lost Creek			Bridal Veil Falls		
July 1944	Tot Cfs	To Flume	To Provo	Tot Cfs	To Flume	To Provo
1	4.24	2.46	1.78			
2	4.24	2.46	1.78			
3			00			
4						
5	4.24	1.02	3.22			
6						
7	4.14	0.72	3.42	3.42	2.54	0.88
8	4.04	0.62	3.42	3.82	2.94	0.88
9	4.04	0.62	3.42	4.04	3.16	0.88
10	4.04	0.62	3.42	4.04	3.16	0.88
11	4.04	0.62	3.42	4.04	3.16	0.88
12	4.04	0.62	3.42	4.04	3.16	0.88
13	4.04	0.62	3.42	4.04	2.43	1.61
14	3.93	0.51	3.42	4.04	2.43	1.61
15	3.93	0.51	3.42	4.04	2.43	1.61
16	3.93	0.51	3.42	4.04	2.81	1.23
17	3.93	0.51	3.42	4.04	2.81	1.23
18	3.93	0.51	3.42	4.04	3.16/4.04	0.88/0
19	3.93	0.51	3.42			
20	3.93	0.51	3.42			
21	3.82	0.40	3.42			
22	3.82	0.40	3.42			
23	3.82	0.40	3.42			
24	3.72	0.30/2.84	3.42/0.88			
25	3.62	2.74	0.88			
26	3.62	2.74/0.60	0.88/3.02			
27	3.62	0.60	3.02			
28	3.62	0.60	3.02			
29	3.62	0.60	3.02			
30	3.42	0.40/0.96	3.02/2.46			
31	3.42	0.96	2.46			

18 - 130p;
24 - 700a;
26 - 500p;
30 - 100p.

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

Observations by Mr Schoel;
To Provo City is of the Dixon Right.

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CC - Provo City % T H Latimer; UP&L % E G List; UP&L % E G Thorum;
Provo City % Clark Newell.

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TFW. 11-29-44

1944 Report

STORAGE
SUMMARY
1 9 4 4

RELEASE TO
PROVO RIVER:

	Apl	May	Jun	Jly	Aug	Total
Weber River	1668	22627	30010	4404	--	58709
Head Provo River	--	--	--	7682	3289	10971
Totals	1668	22627	30010	14086	3289	69680

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DELIVERY:

	Apl	May	Jun	Jly	Aug	Total
Weber River To Deer Cr.Resr.	1668	22627	30010	4266	--	58571
Loss Charge	-	-	-	138	-	138
Totals	1668	22627	30010	4404	-	58709
Head Provo River:						
Provo Res Canl	-	-	-	1736	1568	3304
Provo City	-	-	-	290	104	394
Wasatch Ir.Co	-	-	-	1260	353	1613
Extension	-	-	-	810	-	810
Timpanogus	-	-	-	1740	569	2309
Washington -	-	-	-	814	502	1316
South Kamas	-	-	-	379	315	694
Loss Charge	-	-	-	433	-	433
Totals	-	-	-	7462	3411	10873
Grand Totals	1668	22627	30010	11866	3411	69582

Echo Storage included in Weber River.
Delivery Time Head Heber Valley and to Deer Creek Reservoir-
arrives one day later.

- -

CC - State Engr.; E A Jacob; USRS: USGS: E G THORUM: DAVID GARDNER:
R J MURDOCK; I F BAUM: J H STEELE:
C & HENRY MOULTON: FRANK CONRAD: CLARENCE OLSON: T H LATIMER:
JOHN LAMBERT: FRANK TURNBOW: ROY ATKINSON: H C CLEGG.

STORAGE
SUMMARY
1 9 4 4

Name	1944 Stor	Loss Chrg	Net Stor	Deli-very	Bal-ance
Wasatch Ir Co	1680	67	1613	1613	--
Extension Ir Co					
Head River	451	(			
Echo	374	(33	792	810	-18
Timpanogus	2405	96	2309	2309	--
Washington Ir Co					
Head River	871	35			
Deer Lake	500	20	1316	1316	--
South Kamas Ir Co					
Deer Lake	500	20			
" "	200		680	694	-14

- -

CC - Frank Conrad, Henry Moulton; Clarence Olson, John Lambert, Frank Turnbow, State Engr.; USRS.

STORAGE
SUMMARY
1 9 4 4

DEER CREEK RESERVOIR

October 15, 1943 - November 15, 1944

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Deer Creek Project

Date 1943	Change	Credit Storage	Draft Trans	Balance	Remarks
Oct 15	-	-	-	3541	
31	Loss	-	25	3516	
Nov	Loss	-	9	3507	
Dec	Loss	-	4	3503	
Date 1944					
Jan	Loss	-	3	3500	
Feb	Loss	-	5	3495	
Mar	Loss	-	19	3476	
Apl	Impd	1520	-	4996	From Weber River
	Loss	-	41	4955	
May	Impd	21783	-	26738	
	Loss	-	187	26551	
Jun	Impd	30038	-	56589	
	Loss	-	513	56076	
Jly	Impd	5230	-	61306	
	Alloc	-	4992	56314	Echo Storage
	Alloc	-	1000	55314	Wash Ir. Co 500, S Kamas 500.
	Loss	-	735	54579	
	Alloc	-	2604	51975	To Highland
	Alloc	-	1039	50936	To Provo Bench
Aug	Alloc	-	5500	45436	To PRWU Co.
Aug	Loss	-	548	44888	
Sep	Alloc	-	750	44138	To Provo Bench
	Alloc		2500	41638	To PRWU Co
	Loss	-	372	41266	
	Alloc	-	1200	40066	To PRWU Co
Oct	Alloc	-	1520	38546	To Metro Salt Lake
	Alloc	-	6400	32146	To PRWU Co
	Loss	-	176	31970	
Nov 1-15	Returned 531		-	32501	From Highland

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Provo Reservoir Water Users Company
"M" Canal

Date L943	Change	Credit Storag	Draft Trans	Bal-ance	Remarks
Oct 15	-	-	-	2325	
16-19	Draft	-	103	2222	
31	Loss	-	17	2205	
Nov	Loss	-	6	2199	
Dec	Loss	-	2	2197	
Date 1944					
Jan	LOss	-	2	2195	
Feb	Loss	-	3	2192	
Mar	Loss	-	12	2180	
Apl	Loss	-	22	2158	
May	Loss	-	28	2130	
Jun	Loss	-	26	2104	
Jly	Assign	920	-	3024	From Metro Provo City
1-10	HRS	372	-	3396	Head Provo River Storage
	Dft	-	1938	1458	
11-20	HRS	824	-	2282	
	Dft	-	1769	513	
	Alloc	4622	-	5135	Echo Storage
	Exchange	1000	-	6135	HRS for Deer Cr. 500 Wash, 500 S Kamas
21-31	HRS	532	-	6667	
	Assn	220	-	6887	From Provo Bench 34-44
	Draft	-	2485	4402	
	Loss	-	37	4365	
Aug 1-15	HRS	397	-	4762	
	Assn	300	-	5062	From Provo Bench
	Draft	-	4079	983	
	Alloc	5500	-	6483	1944 Storage
16-31	HRS	1179	-	7662	
	Assn	320	-	7982	From Provo Bench
	Draft	-	4319	3663	
	Loss	-	44	3619	
Sep 1-18	Assn	347	-	3966	From Provo Bench 34-44
	Draft	-	4384	-418	
	Alloc	2500	-	2082	1944 Stor 54-44
19-30	Draft	-	2536	-454	
	Loss	-	10	-464	
	Assng	1200	-	736	Alloc Lake Bench
Oct 1-15	Draft	-	844	-108	
	Alloc	6400	-	6292	1944 Stor 68-44
16-31	Draft	-	551	5741	
	Loss	-	16	5725	
Nov 1-15	Draft	-	233	5492	

(Continued)

Provo City

Date 1943	Change	Credit Storag	Draft Trans	Balance	Remarks
Oct 15	-	-	-	1978	
	Loss	-	14	1964	
Nov	Loss	-	6	1958	
Dec	Loss	-	2	1956	
1944					
Jan	Loss	-	2	1954	
Feb	Loss	-	3	1951	
Mar	Loss	-	11	1940	
Apl	Loss	-	20	1920	
May	Loss	--	25	1895	
Jun 22-30	Draft	-	60	1835	To Tanners
	Loss	-	23	1812	
Jly 1-10	Assgn	-	1000	812	To Provo Bench
	Assgn	-	920	-108	To Prov9 Res WU Co
	HRS	60	-	-48	Head River Storage
	Draft	-	120	-168	To Tanners
11-20	HRS	140	-	-28	
	Draft	-	120	-148	To Tanners
	Exchng	374	-	226	For Extension Echo Storage.
21-31	HRS	90	-	316	
	Draft	-	154	162	To Tanners
Aug 1-15	HRS	30	-	192	
	Draft	-	172	20	To Tanners
16-31	HRS	74	-	94	
	Draft	-	93	1	To Tanners
	Loss	-	1	0	
Sep	-	-	-	0	
Oct	-	-	-	0	
Nov 1-15	-	-	-	0	

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(Continued)

C R 1944

Provo Bench Canal & Irrigation Company

Date 1943	Changes	Credit Storag	Draft Trans	Balance	Reference
Oct 15	-	-	-	658	
	Loss	-	5	653	
Nov	Loss	-	2	651	
Dec	Loss	-	1	650	
1944					
Jan	-	-	-	650	
Feb	Loss	-	1	649	
Mar	Loss	-	4	645	
Apl	Loss	-	7	638	
May	Loss	-	8	630	
Jun	Loss	-	8	622	
Jly 1-10	Acqd	1000	-	1622	From Provo City
11-20	Draft	-	15	1607	29-44 To G. Stratton
21-31	Draft	-	220	1387	34-44 Exch for Blue Cliff
	Draft	-	22	1365	29-44
	Loss	-	20	1345	
	Alloc	1039	-	2384	1944 Storage
Aug 1-15	Draft	-	300	2084	34-44
	Draft	-	30	2054	29-44
16-31	Draft	-	320	1734	34-44
	Draft	-	32	1702	29-44
	Draft	-	200	1502	46-44
	Draft	-	22	1480	47-44
	Loss	-	23	1457	
Sep 1-18	Alloc	1150	-	2607	Storage 43 and 44
	Draft	-	347	2260	34-44
	Draft	-	35	2225	29-44
	Draft	-	520	1705	46-44
	Draft	-	58	1647	47-44
19-30	Loss	-	16	1631	
Oct	LOss	-	8	1623	
Nov 1-15	-	-	-	1623	

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(Continued)

Highland

Date 1943	Chang	Credit Storag	Draft Trans	Bala-nce	Remarks
Oct 15	-	-	-	0	
Nov	-	-	-	0	
Dec	-	-	-	0	
1944					
Jan	-	-	-	0	
Feb	-	-	-	0	
Mar	-	-	-	0	
Apl	-	-	-	0	
May	-	-	-	0	
Jun	-	-	-	0	
Jly 1-14	-	-	-	0	
15-20	Draft	-	175	-175	
21-31	Draft	-	341	-516	
	Alloc	2604	-	2088	1944 Storage
Aug 1-15	Draft	-	465	1623	
16-31	Draft	-	496	1127	
	Loss	-	19	1108	
Sep 1-18	Draft	-	558	550	
19-30	Draft	-	10	540	
	Loss	-	6	534	
Oct	Loss	-	3	531	
Nov 1-15	Returned		531	0	Returned to Project.

Lehi

Date 1943	Change	Credit Stor	Draft Trans	Balance	Remarks
Oct 15	-	-	-	143	
Nov	Loss	-	1	142	
Dec	-	-	-	142	
1944					
Jan	-	-	-	142	
Feb	-	-	-	142	
Mar	Loss	-	1	141	
Apl	Loss	-	1	140	
May	Loss	-	2	138	
Jun	Loss	-	1	137	
Jly	Loss	-	2	135	
Aug	Draft	-	24	111	
	Loss	-	2	109	
Sep	Draft	0	45	64	
	Loss	-	1	63	
Oct	Draft	0	46	17	
Nov 1-15	Draft	-	17	00	

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Orem

Date 1943	Change	Credir Storag	Draft Trans	Balance	Remarks
Oct 15	-	-	-	515	
	Loss	-	3	512	
Nov	Loss	-	2	510	
Dec	Loss	-	1	509	
1944					
Jan	-	-	-	509	
Feb	Loss	-	1	508	
Mar	Loss	-	3	505	
Apl	Loss	-	5	500	
May	Loss	0	7	493	
Jun	Loss	-	6	487	
Jly	Loss	-	6	481	
Aug	Loss	-	5	476	
Sep	Assigned		400	76	52-44 To Provo Bench
	Loss	-	1	75	
Oct	-	-	-	75	
Nov 1-15	-	-	-	75	

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American Fork

Date 1943	Change	Credit Storag	Draft Trans	Balance	Remarks
Oct 15	-	-	-	189	
	Loss	-	1	188	
Nov	Loss	-	1	187	
Dec	-	-	-	187	
1944					
Jan	-	-	-	187	
Feb	-	-	-	187	
Mar	Loss	-	1	186	
Apl	Loss	-	2	184	
May	Loss	-	3	181	
Jun	Loss	-	2	179	
Jly	Loss	-	2	177	
Aug	Loss	-	2	175	
Sep	Loss	-	2	173	
Oct	-	-	-	173	
Nov 1-15	-	-	-	173	

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Class A

Date 1943	Change	Credit Storag	Draft Trans	Balance	Remarks
Oct 15	-	-	-	74	
Nov	-	-	-	74	
Dec	-	-	-	74	
1944					
Jan	-	-	-	74	
Feb	-	-	-	74	
Mar	-	-	-	74	
Apl	-	-	-	74	
May 1-14	-	-	-	74	
15-31	Impd	125	-	199	
	Loss	-	2	197	
Jun 1-16	-	-	-	197	
17-30	Impd	140	-	337	
	Loss	-	3	334	
Jly	Draft	-	128	206	
	Loss	-	3	203	
Aug	Impd	31			
	Draft	-	502	-268	
Sep	Impd	80			
	Draft	-	224	-412	
Oct 1-15	Impd	426	-	14	
16-31	-	-	-	14	
Nov 1-15	-	-	-	14	

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Metro Salt Lake

Date 1943	Change	Credit Storag	Draft Trans	Balance	Remarks
Oct 15	-	-	-	14605	
	Draft	-	84	14521	To Geneva Steel
	Loss	-	104	14477	
Nov	Loss	-	42	14435	
Dec	Loss	-	15	14420	
1944					
Jan	Loss	-	10	14410	
Feb	Loss	-	22	14388	
Mar	Loss	-	80	14308	
Apl	Loss	-	146	14162	
May	Loss	-	189	13973	
Jun	Loss	-	172	13801	
Jly 1-10	Draft	-	126	13675	To Geneva Steel
11-20	Draft	-	156	13519	" " "
21-31	Draft	-	216	13303	" " "
	Loss	-	170	13133	
Aug 1-15	Draft	-	336	12797	" " "
16-31	Draft	-	347	12450	" " "
	Loss	-	146	12304	
Sep 1-18	Draft	-	388	11916	" " "
19-30	Draft	-	258	11658	" " "
	Loss	-	103	11555	
Oct	Alloc	1520	-	13075	1944 Storage
1-2	Draft	-	34	13041	To Geneva Steel
3-31	-	-	-	13041	
	Loss		65	12976	
Nov 1-15	-	-	-	12976	

Total To Geneva Steel 1944 -- 1861 Acft.

Utah Power & Light Company

Olmstead Plant

Power Rights (Exclusive Class A)

Date 1944	Change	Credit Storag	Draft Trans	Balance	Remarks
Oct 15	-	-	-	00	
16-31	Impd	2357		2357	
	Loss	-	4	2353	
Nov	Impd	1985	-	4338	
	Loss	-	9	4329	
Dec	Impd	253			
	Draft		1848	2734	
	Loss	-	4	2730	
1944					
Jan	Draft	-	2278	452	
	Loss	-	1	451	
Feb	Impd	795			
	Draft	-	2216	-970	
Mar	Draft	-	211		
	Impd	2388		1207	
	Loss		2	1205	
Apl 1-15	Impd	2236	-	3441	
16-30	Draft	-	144	3297	
	Loss	-	30	3267	
May	-	-	-	3267	
	Loss	-	43	3224	
Jun 1-21	-	-	-	3224	
22-30	Draft	-	944	2280	
	Loss	-	37	2243	
Jly 1-3	Draft	-	500	1743	Not Available, flowed to Utah
4-31	-	-	-	1743	Lake with Utah Lake Waters---
Aug	-	-	-	1743	no space in Deer Cr. Resr, see letter 20-44.
Sep	-	-	-	1743	
Oct 1-15	-	-	-	1743	
16-31	Impd	305			
	Draft	-	120	1928	Not available below 1743
Nov 1-15	Impd	692	-	2620	" " " "

- -

Utah Lake

Date 1943	Change	Credit Storag	Draft	Balance	Remarks
Oct 15	-	-	-	00	
16-31	Impd	2357	-	2357	
	Loss	-	4	2353	
Nov	Impd	1985	-	4338	
	Loss	-	9	4329	
Dec	Impd	253			
	Draft	-	1848	2734	
	Loss	-	4	2730	
1944					
Jan	Draft	-	2278	452	
	Loss	-	1	451	
Feb	Impd	795			
	Draft	-	2216	-970	
Mar	Draft	-	211		
	Impd	2388		1207	
	Loss	-	2	1205	
Apl 1-15	Impd	2236	-	3441	
16-30	Draft	-	144		
	Impd	1631	-	4928	
	Loss	-	34	4894	
May 1-15	Impd	5121	-	10015	
16-31	Draft	-	1062		
	Impd	3584	-	12537	
	Loss	-	125	12412	
Jun 1-15	Impd	2735			
	Draft	-	1563	13584	
16-30	Draft	11567	11567	2017	
	Loss	-	137	1880	
Jly 1-3	Draft	-	1880	00	
July 4-31	-	-	-	00	
Aug	-	-	-	00	
Sep	-	-	-	00	
Oct 1-15	-	-	-	00	
16-31	Impd	305			
	Draft	-	120	185	
Nov 1-15	Impd	692	-	877	

(Continued)

EVAPORATION LOSSES

	1943			x 1944									
	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct
Average Acre Feet	24575	27228	27399	25062	22655	23849	27196	43080	72233	77249	68607	58608	53784
Average Area Acres	910	970	970	920	880	890	960	1280	1620	1680	1580	1460	1410
Depth Evaporation Feet	.19	.08	.03	,02	.04	.15	.29	.45	.55	.58	.50	.35	.19
Volume Acre Feet	173	78	29	18	35	133	278	576	891	975	790	511	268

Total Volume Acre Feet:

13 Months			4755
12 Months		4487 --x	
12 Months	x--		4582

(Continued)

EVAPORATION LOSSES

1943 x 1944

	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct
Average Acre Feet	24575	27228	27399	25062	22655	23849	27196	43080	72233	77249	68607	58608	53784
Average Area Acres	910	970	970	920	880	890	960	1280	1620	1680	1580	1460	1410
Depth Evaporation Feet	.19	.08	.03	,02	.04	.15	.29	.45	.55	.58	.50	.35	.19
Volume Acre Feet	173	78	29	18	35	133	278	576	891	975	790	511	268

Total Volume Acre Feet:

13 Months			4755
12 Months		4487 --x	
12 Months	x--		4582

160

WATER COMMISSIONER'S OFFICE

Orem, Utah.

Nov 28,1944

Provo River Water Users Assoc.
% F A Jacob,
Provo, Utah.

Dear Sir:

Condensed statement of your Deer Creek Storage Waters between the dates as shown is as follows:

Storage 10-15-43		3541
Impounded from Weber River		58571
Less Echo Storage	4992	
Loss in Reservoir	2637	
Storage 11-15-44	32501	
Delivered	21982	
Totals	62112	62112

The assessment to cover costs of administration and distribution, Provo Division 1943, is two cents per acre foot.

And Delivered 21982 x $0.02 = $439.64

I enclose herewith, in duplicate, tax notice for $439.64, entered in 4th quarter number 286 of Clerk's Office Sheet.

Resp.

T F Wentz /s/
T F Wentz
Commissioner

157

P R O V O R I V E R

Advance Sheet 1-X
4-12-44

ABBREVIATIONS

Gage	Elevation Water Surface
800a	8:00 O'Clock A M
1145p	11:45 O'Clock P M
Aft	Acre Feet
Chng	Change

"P" Gage 800a, Gage in River, Pool, below Deer Creek Dam.
Cfs Olm Dam, Second Feet Discharge Provo River below the confluence of South Fork, between Vivian Park and the Olmstead Dam of Utah Power & Light Co.
Nat Cfs Olm Dam, Natural flow exclusive of Storage or storing, the river as it would be without manipulations.
Evap Loss: Evaporation Loss, see sheet 1-44.

UP&L : Utah Power & Light Company - right - water.
Utah Lake; Utah Lake -right - water, of Provo River.
Deer Prjt: Deer Creek Reservoir Project
Cl A: Class "A" Rights of Provo River Decree 2888
"M" Canl: Provo Reservoir Canal.

Provo Bench: Provo Bench Canal & Irrigation Company
Provo City: Metropolitan Water District of Provo, or Provo City
Highland: Highland Conservation District
Lehi: Metropolitan Water District of Lehi
Orem: Metropolitan Water District of Orem

Amerfork: Metropolitan Water District of American Fork
P.G.Lind: Metropolitan Water District of Pleasant Grove and Lindon
Dist Comy: Utah Lake Distributing Company
Extnsion: Extension Irrigation Company
Salt Lake: Metropolitan Water District of Salt Lake City

Wasatch: Wasatch Irrigation Company
Timpogus: Timpanogus Irrigation Company
Washton: Washington Irrigation Company

Deer Lake: Deer Creek Reservoir
Straw Lake: Strawberry Reservoir.

USRS: United States Reclamation Service, -Bureau Reclamation.
USGS: United States Geological Survey.

Aftdys: Acre Feet Days -The sum of the acre feet in the Reservoir each day, - at the end of each day.
Gage 800a is daily observation, End of day Gage is projected from the 800a.

- -

TFW.
cc - State Engr; USRS; USGS; PWRUAssoc % E A Jacob; UP&L % E G Thorum; Utah Lake % D I Gardner; R J Murdock; I F Baum; Geneva Steel % W M Kearns.

151

Weber River Waters
To
Provo River

Advance Sheet C1-44
Apl 15,1944

South End Diversion Canal
3' x 20' Suppressed Weir

Apl 1944 Day	Mean Gage	Mean Cfs	Aft	To Deer Lake
1	.22	7.4	15	15
2	25	9.0	18	18
3	26	9.4	19	19
4	38	16.4	33	33
5	38	16.4	33	33
6	38	16.4	33	33
7	38	16.4	33	33
8	37	15.8	32	32
9	41	18.2	36	36
10	40	17.6	35	35
11	40	17.6	35	35
12	42	18.8	38	38
13	46	21.6	43	43
14	45	20.8	42	42
15	46	21.6	43	43
Total			488	488

Arrives Deer Lake one day later.

- -

TFW.

Encl With 11-44

Superceded by C2-44

951

Weber River Water
To
Provo River

Advance Sheet C2-44
Apl 30,1944
Supercedes C1-44
"Mark C1-44 "Superceded By C2-44"

South End Diver Canal
3' x 20' Suppressed Weir

Apl 1944 Day	Mean Gage	Mean Cfs	Aft	To Deer Lake
1	19	6.0	12	12
2	22	7.4	15	15
3	23	8.0	16	16
4	35	14.6	29	29
5	35	14.6	29	29
6	35	14.6	29	29
7	35	14.6	29	29
8	34	14.0	28	28
9	38	16.4	33	33
10	40	17.6	35	35
11	40	17.6	35	35
12	42	18.8	38	38
13	46	21.6	43	43
14	45	20.8	42	42
15	45	20.8	42	42
Total	-	-	455	455

Arrives Deer Lake One day Later.

- -

TFW.

Encl With C3-44

Weber River Waters
To
Provo River

Advance Sheet C3-44
Apl 30,1944

South End Diversion Canal
3' x 20' Suppressed Weir

Apl 1944 Day	Mean Gage	Mean Cfs	Aft	To Deer Lake
Brot fwd			455	455
16	54	27.4	55	55
17	59	31.2	62	62
18	55	28.2	56	56
19	48	23,0	46	46
20	56	28.8	58	58
21	57	29.6	59	59
22	52	25.8	52	52
23	56	28.8	58	58
24	72	4200	84	84
25	78	47.2	94	94
26	71	41.0	82	82
27	79	48.2	96	96
28	92	60.6	121	121
29	102	71.0	142	142
30	105	74.2	148	148
Totals	-	-	1668	1668

Arrives Deer Lake One Day Later.

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TFW.

Encl With 12-44

751

Weber River Waters
To
Provo River

Advance Sheet C4-44
May 15,1944

South End Diversion Canal.
3' x 20' Suppressed Weir
Structure Rated.

May 1944 Day	Mean Gage	Mean Cfs	Aft	To Deer Lake
Brot Fwd			1668	1668
1	108	80.5	161	161
2	114	88.6	177	177
3	110	83.0	166	166
4	118	94.2	188	188
5	136	121	242	242
6	185	200	400	400
7	236	297	594	594
8	268	366	732	732
9	279	391	782	782
10	310	467	934	934
11	310	467	934	934
12	326	509	1018	1018
13	325	506	1012	1012
14	326	509	1018	1018
15	310	467	934	934
Totals			10960	10960

Arrives Deer Lake one day later.

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Rating Curve

0	-	1.0	70.4	2.0	226	3.0	442
.1	2.6		83		245		467
.2	6.6		97		265		493
.3	11.6		112		285		520
.4	17.6		127		305		
.5	24.4		142		326		
.6	32.0		158		348		
.7	40.2		174		370		
.8	49.2		191		393		
.9	59.2		208		417		
1.0	70.4	2.0	226	3.0	442		

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TFW.
Encl With 15-44

Weber River Waters
To
Provo River

Advance Sheet C5-44. Supercedes C4-44
May 15,1944. Mark C4-44 "Superceded by C5-44"

May 1944 Day	Mean Gage	Mean Cfs	Aft	To Deer Lake
Fwd			1668	1668
1	108	80.5	161	161
2	114	88.6	177	177
3	110	83	166	166
4	118	94.2	188	188
5	136	121	242	242
6	185	200	400	400
7	236	297	594	594
8	262	352	704	704
9	279	391	782	782
10	310	467	934	934
11	310	467	934	934
12	321	496	992	992
13	325	506	1012	1012
14	326	509	1018	1018
15	310	467	934	934
Totals			10906	10906

Arrives Deer Lake one day later.

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TFW.

Encl. with 16-44.

Weber River Waters
To
Provo River

Advance Sheet C6-44
May 31,1944

May 1944 Day	Mean Gage	Mean Cfs	Aft	To Deer Lake
Fwd			10906	10906
16	126	106	212	212
17	101	71.7	143	143
18	168	171	342	342
19	300	442	884	884
20	307	460	920	920
21	311	470	940	940
22	315	480	960	960
23	320	493	986	986
24	324	504	1008	1008
25	325	506	1012	1012
26	326	509	1018	1018
27	329	492	984	984
28	332	499	998	998
29	332	499	998	998
30	331	496	992	992
31	331	496	992	992
Totals			24295	24295

Arrives Deer Lake one day later.

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Rating Curve after May 26,1944.

0	-	1.0	70.4	2.0	226	3.0	426
.1	2.6		83.0		244		448
.2	6.6		97.0		262		471
.3	11.6		112		281		494
.4	17.6		127		300		518
.5	24.4		142		320		542
.6	32.0		158		340		
.7	40.2		174		361		
.8	49.2		191		382		
.9	59.2		208		404		
1.0	70.4	2.0	226	3.0	426		

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TFW.
Encl with 16-44

Weber River Waters
To
Provo River

Advance Sheet C7-44
Jun 15,1944

June 1944 Day	Mean Gage	Mean Cfs	Aft	To Deer Lake
Fwd			24295	24295
1	333	501	1002	1002
2	330	494	988	988
3	275	372	744	744
4	327	487	974	974
5	331	496	992	992
6	334	504	1008	1008
7	337	511	1022	1022
8	337	511	1022	1022
9	338	513	1026	1026
10	338	513	1026	1026
11	337	511	1022	1022
12	338	513	1026	1026
13	334	504	1008	1008
14	336	508	1016	1016
15	334	504	1008	1008
Totals			39179	39179

Arrives Deer Lake one day later.
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TFW.

Encl With 19-44

Weber River Waters
To
Provo River

Advance Sheet C8-44
Jun 30,1944

June 1944 Day	Mean Gage	Mean Cfs	Aft	To Deer Lake
Fwd			39179	39179
16	331	496	992	992
17	333	501	1002	1002
18	334	504	1008	1008
19	336	508	1016	1016
20	336	508	1016	1016
21	336	508	1016	1016
22	334	504	1008	1008
23	333	501	1002	1002
24	333	501	1002	1002
25	334	504	1008	1008
26	343	525	1050	1050
27	334	504	1008	1008
28	334	504	1008	1008
29	338	513	1026	1026
30	325	482	964	964
Totals			54305	54305

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TFW.

Encl With 23-44

Weber River Waters
To
Provo River

Advance Sheet C9-44
Jly 10,1944

July 1944 Day	Mean Gage	Mean Cfs	Aft	Loss Aft	To Deer Lake
Fwd			54305	-	54305
1	321	473	946	-	946
2	316	462	924	37	887
3	302	430	860	34	826
4	269	359	718	29	689
5	242	304	608	24	584
6	170	174	348	14	334
Totals	-	-	58709	138	58571

Arrives Deer Lake one day later.

- -

TFW.

Encl With 26-44

Weber River Waters
To
Provo River

Advance Sheet C9-44
Jly 10,1944

July 1944 Day	Mean Gage	Mean Cfs	Aft	Loss Aft	To Deer Lake
Fwd			54305	-	54305
1	321	473	946	-	946
2	316	462	924	37	887
3	302	430	860	34	826
4	269	359	718	29	689
5	242	304	608	24	584
6	170	174	348	14	334
Totals	-	-	58709	138	58571

Arrives Deer Lake one day later.

- -

TFW.

Encl With 26-44

Deer Creek Reservoir
To
Utah Lake

Advance Sheet 1E-44
Jun 30,1944

June 1944 Day	From Deer Lake	To Utah Lake	Bal
16	486	1032	+546
17	664	1008	+890
18	680	960	+1170
19	672	880	+1378
20	833	820	+1365
21	752	764	+1377
22	907	782	+1252
23	885	782	+1149
24	879	864	+1134
25	879	922	+1177
26	474	936	+1639
27	601	960	+1998
28	810	976	+2164
29	884	960	+2240
30	1153	956	+2043
Totals	11559	13602	+2043

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TFW. Encl With 23-44

64

Deer Creek Reservoir
To
Utah Lake

Advance Sheet 2e-44
Jly 10,1944

Units - Acre Feet

July 1944 Day	Storage From Deer Lake	River To Utah Lake	Bal
Fwd	11559	13602	+2043
1	1090	834	+1787
2	568	640	+1859
3	222	86	+1723
Totals	13439	15162	+1723

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TFW

Encl With 26-44

STORAGE HEAD PROVO RIVER

Advance Sheet d1-44
Jun 20,1944

Applic Number	Reservoir Name	Gage	Acre Feet	"M" Canl	Extn-sion	Was-atch	Timp-ogus	Provo City
a 442	Trial	38.5	1700	769	81	425	425	-
d 2077	NFk# 1 Weir							
	NFk#2 P Pot	-	162	162	-	-	-	-
e 2077a	NFk#3 Long	~~22.5~~	824	746	78	-	-	-
f 2077b	NFK#4 Island	-	98	98	-	-	-	-
g 2077c	NFK#5	-	108	108	-	-	-	-
h 2077e	Lost	22	1153	322	47	-	-	784
i 2077g	Lost #2 T Pot		140	136	4	-	-	- -
j 2077h	Star	-	314	141	16	78	79	-
k 2077j	Wash #3	-	38	38	-	-	-	-
l ~~NFK#6~~	NFK#6	16.8	438	-	-	-	438	-
m	Marjorie	21	285	-	-	-	285	-
Totals			5260	2520	226	503	1227	784

Washington, Wall and Big Elk will be reported later.

On this date 75 cfs was released for safety of Trial, Lost and Long.

- -

TFW.
CC - State Engr; R J Murdock; Extension Ir. Co; Wasatch Irr. Co;
Timpanogus Irr. Co; Provo City; I F Baum; Roy Atkinson; USRS.

STORAGE HEAD PROVO RIVER

Advance Sheet 2d-44
Jun 30,1944

Number Applic	Reservoir Name	Gage	Acre Feet	"M" Canl	Extn-sion	Was-atch	Timp-ogus	Provo City	Wash-ton
a 442	Trial	38	1660	751	79	415	415	-	-
b 442	Washington	38.7	2720	1230	130	680	680	-	-
c 442	Wall	31.9	2030	918	97	507	508	-	-
d 2077	Nfk#1 Weir								
	Nfk#2 P Pot	-	162	162	-	-	-	-	-
e 2077a	Nfk#3 Long	-	824	746	78	-	-	-	-
f 2077b	Nfk#4 Island	-	98	98	-	-	-	-	-
g 2077C	Nfk#5	-	108	108	-	-	-	-	-
h 2077e	Lost	22	1153	322	47	-	-	784	-
i 2077g	Lost#2 T Pot		140	136	4	-	-	-	-
j 2077h	Star	~~Sit~~	314	141	16	78	79	-	-
k 2077j	Wash#3		38	38	-	-	-	-	-
l	Nfk#6	16.8	438	-	-	-	438	-	-
m	Marjorie	21	285	-	-	-	285	-	-
n 2812-2813	Big Elk	-	871	-	-	-	-	-	871
Totals	-	-	10841	4650	451	1680	2405	784	871

- -

TFW.
CC - State Engr; Provo Res WU Co % R J Murdock; Extension Irr. Co % T H.Moulton; Wasatch Irr. Co % Frank Conrad; Timpanogus Irr. Co % Clarence Olsen; Provo City % Joseph Swapp; Washington Irr. Co % John Lambert; IF Baum; ROY Atkinson; H C Clegg;

STORAGE HEAD PROVO RIVER

Advance Sheet 3d-44
Jly 10,1944

July 1944 Day T	Release Cfs	Release Aft	Delivery - Wasatch Dam "M" Canl	Provo City	Was-atch	Extn-sion	Timp-ogus	Note:
4 12M	100	100	-	-	-	-	-	"M" Canl & Provo City Arrives Deer Lake one day later.
5	100	200	-	-	-	-	-	
6 8a	100-150	267	52	10	20	40	70	
7	150	300	52	10	20	40	70	
8	150	300	138	20	20	40	70	
9	150	300	130	20	28	40	70	
10	150	300	120	20	38	40	70	
Totals		1767	492	80	126	200	350 /	1248 519Tr&Loss.

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TFW.

CC -Mailing List 2d-44.

Exp 1

STORAGE HEAD PROVO RIVER

Advance Sheet 4d-44
Jly 20,1944

July 1944 Day T	Release Cfs	Release Aft	Delivery - Wasatch Dam "M" Canl	Provo City	Wasatch	Extnsion	Timpogus	Washton	South Kamas	
fwd	--	1767	492	80	126	200	350	-	-	/1248
11	150	300	122	20	36	40	70	-	-	
12	150	300	100	20	40	40	70	18	-	
13	150	300	76	20	46	40	70	36	-	
14	150	300	72	10	60	40	70	36	-	
15	150	300	72	10	50	40	70	36	10	
16	150	300	50	10	66	40	70	36	16	
17	150	300	66	10	52	40	70	36	14	
18	150	300	62	10	50	40	70	44	12	
19	150	300	84	10	34	40	70	44	6	
20	150	300	96	10	26	40	70	44	2	
Totals	-	4767	1292	210	586	600	1050	330	60	/4128

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Storage 2d-44		10841	4650	784	1680	451	2405	871	0
Exchange Deer Lake Storage			-1000					+500	+500
				-374		+374			
Totals Head River Storage		10841	3650	410	1680	825	2405	1371	500
4% Loss Charge		433	146	16	67	33	96	55	20
Orig.Net Storage		10408	3504	394	1613	792	2309	1316	480
Delivered		4767	1292	210	586	600	1050	330	60 /4128
Balance Gross		6074							
Net			2212	184	1027	192	1259	986	420 /6280

- -

TFW. CC - State Engr; PRWUCo % R J Murdock; Extension Ir. Co % T Henry Moulton; Wasatch Ir. Co % Frank Conrad; Timpanogus Ir. Co % Clarence Olsen; Provo City % T H Latimer; Washington Ir. Co % John Lambert; I F Baum; Roy Atkinson; H C Clegg, South Kamas Ir. Co % Frank Turnbow.

Advance Sheet 5d-44
Jly 31,1944

STORAGE HEAD PROVO RIVER

July 1944 Day T	Release Cfs	Release Aft	Release Bal	Delivery - Wasatch Dam "M"Canl Aft	"M"Canl Bal	Provo City Aft	Provo City Bal	Wasatch Aft	Wasatch Bal	Extension Aft	Extension Bal	Timpogus Aft	Timpogus Bal	Washton Aft	Washton Bal	South Kamas Aft	South Kamas Bal
Fwd	-	4767	6074	1292	2212	210	184	586	1027	600	192	1050	1259	330	986	60	420
21	150	300	5774	70	2142	10	174	38	989	40	152	70	1189	44	942	16	404
22	150	300	5474	46	2096	10	164	52	937	40	112	70	1119	44	898	26	378
23	150	300	5174	44	2052	10	154	54	883	40	72	70	1049	44	854	26	352
24	150	300	4874	45	2007	10	144	60	823	40	32	60	989	44	810	29	323
25	150	300	4574	45	1962	10	134	60	763	40	-8	60	929	44	766	29	294
26 M	150-115	265	4309	50	1912	10	124	80	683	10	6am -18	60	869	44	722	39	255
27	115	230	4079	72	1840	10	114	70	613	-	-18	60	809	44	678	32	223
28	115	230	3849	34	1806	10	104	48	565			60	749	44	634	24	199
29	115	230	3619	22	1784	-	104	64	501			60	689	44	590	30	169
30	115	230	3389	8	1776	-	104	74	427			60	629	44	546	34	135
31	115	230	3159	8	1768	-	104	74	353			60	569	44	502	34	101
Tot & Bal		7682	3159	1736	1768	290	104	1260	353	810	-18	1740	569	814	502	379	101
Orig		10841		3504		394		1613		792		2309		1316		480	

TFW.
CC - State Engr; PRWUCo % R J Murdock; Extionsion Ir. Co % T Henry Moulton; Wasatch Ir. Co % Frank Conrad; Timpanogus Ir. Co % Clarence Olson; Provo City % T H Latimer; Washington Ir. Co % John Lambert; South Kamas Ir. Co % Frank Turnbow; I F Baum; Roy Atkinson; H C Clegg.

Advance Sheet 6d-44
Aug 15,1944

STORAGE HEAD PROVO RIVER

Aug 1944 Day T	Release Cfs	Release Aft	Release Bal	Delivery - Wasatch Dam & Time "M" Canl Aft	"M" Canl Bal	Provo City Aft	Provo City Bal	Wasatch Aft	Wasatch Bal	Extension Aft	Extension Bal	Timpogus Aft	Timpogus Bal	Washingon Aft	Washingon Bal	South Kamas Aft	South Kamas Bal
fwd		7682	3159	1736	1768	290	104	1260	353	810	-18	1740	569	814	502	379	101
Assng	7d-44			-200	1568											+200	301
1	115	230	2929	8	1560	-	104	74	279	-	-18	60	509	44	458	34	267
2	115	230	2699		1560	-	104	80	199			60	449	44	414	36	231
3 10p	115-70	219	2480		1560		104	82	117			60	389	44	370	33	198
4	70	140	2340		1560		104	88	29			60	329	44	326	28	170
5 8a	70	140	2200		1560		104	29	0			60	269	44	282	24	146
6	70	140	2060		1560		104	-	-		-18	60	209	44	238	30	116
7	70	140	1920		1560		104					60	149	44	194	30	86
8	70	140	1780		1560		104					60	89	44	150	30	56
9	70	140	1640		1560		104					60	29	44	106	30	26
10 M	70	140	1500	31	1529		104					29	00	44	62	30	-4
11	70	140	1360	80	1449		104	-	-	-	-18	-	-	44	18	10	-14
12	70	140	1220	116	1333		104							18	00		
13	70	140	1080	134	1199		104										
14	70	140	940	134	1065		104										
15	70	140	800	134	931		104	-	0	-	-18	-	0	-	0	-	-14
Tot & Bal		10041	800	2573	931	290	104	1613	0	810	-18	2309	0	1316	0	694	-14
		10841		3504		394		1613		792		2309		1316		680	

TFW.
CC - State Engr; PRWUCo % R J Murdock; Extension Ir. Co % T Henry Moulton; Wasatch Ir. Co % Frank Conrad; Timpanogus Ir. Co % Clarence Olson; Provo City % T H Latimer; Washington Ir. Co % John Lambert; South Kamas Ir. Co % Frank Turnbow; I F Baum; Roy Atkinson; H C Clegg.

Ave Jacobsen
7d-44

STORAGE HEAD PROVO RIVER

Advance Sheet 7d-44
Aug 10,1944

Transfer

C O P Y

- -

PROVO RESERVOIR WATER USERS COMPANY

Provo, Utah

August 10,1944

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

Dear Mr. Wentz:

You are hereby authorized to charge our head of river storage account with 200 acre feet of water, and credit same to the account of South Kamas Irrigation Company.

Yours very truly,

PROVO RESERVOIR WATER USERS COMPANY

/s/ R J Murdock
R.J.Murdock
Secretary

RJM:PF

- -

Encl With 8d-44

STORAGE HEAD PROVO RIVER

Advance Sheet 8d-44 Supercedes 6d-44
Aug 15,1944 Mark 6d-44 "Superceded by 8d-44"

Delivery - Wasatch Dam Time

Aug 1944 Dat T	Release Cfs	Release Aft	Release Bal	"M" Canal Aft	"M" Canal Bal	Provo City Aft	Provo City Bal	Wasatch Aft	Wasatch Bal	Extension Aft	Extension Bal	Timpogus Aft	Timpogus Bal	Washington Aft	Washington Bal	South Kamas Aft	South Kamas Bal
fwd	-	7682	3159	1736	1768	290	104	1260	353	810	-18	1740	569	814	502	379	101
Assign 7d-44				-200	1568											+200	301
1	115	230	2929	8	1560	-	104	74	279	-	-18	60	509	44	458	34	267
2	115	230	2699	-	1560		104	80	199			60	449	44	414	36	231
3 10p	115-70	219	2480		1560		104	82	117			60	389	44	370	33	198
4	70	140	2340		1560		104	88	29			60	329	44	326	28	170
5 8a	70	140	2200		1560	~~104~~	104	29	00			60	269	44	282	24	146
6	70	140	2060	-	1560	-	104	-	-		-18	60	209	44	238	30	116
7	70	140	1920		1560		104					60	149	44	194	30	86
8	70	140	1780		1560		104					60	89	44	150	30	56
9	70	140	1640		1560		104					60	29	44	106	30	26
10 M	70	140	1500	31	1529		104					29	00	44	62	30	-4
11 8a	70	140	1360	80	1449	-	104	-	-	-	-18	-	-	44	18	10	-14
12 10a	70	140	1220	90	1359	10	94							18	00		
13 M	70-52	122	1098	90	1269	10	84										
14	52	104	994	90	1179	10	74										
15	52	104	890	90	1089	10	64										
Tot & Bal		9951	890	2415	1089	330	64	1613	0	810	-18	2309	0	1316	0	694	-14
		10841		3504		394		1613		792		2309		1316		680	

- -

TFW. CC - State Engr; PRWUCo % R J Murdock; Extension Ir Co % T Henry Moulton; Wasatch Ir. Co % Frank Conrad; Timpanogus Ir. Co % Clarence Olson; Provo City % T H Latimer; Washington Ir Co John Lambert; South Kamas Ir Co % Frank Turnbow; I F Baum, Roy Atkinson; H C Clegg.

Advance Sheet 9d-44
Aug 31,1944

STORAGE HEAD PROVO RIVER

Aug 1944 Day T	Release Cfs	Release Aft	Release Bal	Delivery - Wasatch Dam Time "M" Canl Aft	"M" Canl Bal	Provo City Aft	Provo City Bal	Wasatch Aft	Wasatch Bal	Extension Aft	Extension Bal	Timpogus Aft	Timpogus Bal	Washington Aft	Washington Bal	South Kamas Aft	South Kamas Bal
Fwd		9951	890	2415	1089	330	64	1613	0	810	-18	2309	0	1316	0	694	-14
16	50	100	790	90	999	10	54	-	0	-	-18	-	0	-	0	-	-14
17	50	100	690	90	909	10	44										
18	50	100	590	90	819	10	34	-									
19	50	100	490	90	729	10	24										
20	50	100	390	76	653	10	14										
21	M50-40	90	300	75	578	10	4	-	0	-	-18	-	0	-	0	-	-14
22	40	80	220	78	500	4	0										
23	40	80	140	90	410												
24	40	80	60	90	320												
25	40	80	-20	93	227												
26	30	60	-80	87	140	-	0	-	0	-	-18	-	0	-	0	-	-14
27	25	50	-130	77	63												
28	-	-	-130	63	0												
Tot & Bal		10971	-130	3504	0	394	0	1613	0	810	-18	2309	0	1316	0	694	-14
		10841		3504		394		1613		792		2309		1316		680	

TFW. CC - State Engr; PRWUCO % R J Murdock; Provo City % T H Latimer; Wasatch Ir. Co % Frank Conrad; Extension Ir. Co % T Henry Moulton; Timpanogus Ir. Co % Clarence Olson; Washington Ir Co % John Lambert; South Kamas Ir. Co % Frank Turnbow; I F Baum, Roy Atkinson; H C Clegg.

DEER LAKE

Advance Sheet 50-43
Oct 31,1943

General

1 of 2

Exchange

C O P Y

- -

COLUMBIA STEEL COMPANY

Defense Plant Division

United States Steel USS Corporation Subsidiary

P O Box 269 Salt Lake City,Utah

Plancor 301

Acting For And On Behalf Of

DEFENSE PLANT CORPORATION

October 20, 1943

Mr. Frank T.Wentz
Orem,Utah

Dear Mr. Wentz:

On Saturday, October 16, at 4:00 P.M. the elevation of the water in our Reservoir was 4528.0 This elevation is the highest at which we will impound water in the reservoir.

It is the intention at present to lower the water in the reservoir to elevation 4524 and then to refill it with water from Provo River back to elevation 4528. It is our understanding, as a result of a telephone conversation between you and Mr. Purvance of this office, that there will be no charge for this additional four feet of water inasmuch as we have returned that much to Utah Lake.

Will you please advise us by return mail if this is correct so that our records may be complete.

Very truly yours,

/s/ R.C.Talbott
Construction Engineer

WTP:CMP

- -

C O P Y

- -

WATER COMMISSIONER'S OFFICE

Provo City, Utah

Oct.22,1943

Columbia Steel Company
Att. R.C.Talbott
Construction Engr.
P.O.Box 269
Salt Lake City,Utah

Dear Sir:

Reference is made to your letter of Oct.20,1943.

It is recognized that on Saturday October 16, at 4;00pm, the water in Geneva Steel Reservoir was at Gage 4528, the highest elevation at which water will be impounded. Also, that, to temper the water for boiler uses, it is necessary to drop the reservoir water level to gage 4524, turning the four feet of water into Utah Lake, and refill the reservoir of Provo River flow to Utah Lake, treating it through your plant. That is, you exchange water now in your reservoir for water that can be run through your treating plant.

I advised your Mr. Purvance by telephone, and this letter is in confirmation, that, there will be no charge for this exchange of water.

Resp.

/s/ T.F.Wentz
T.F.Wentz
Commissioner

Advance Sheet 51-43
Oct 31,1943

DEER LAKE

Oct 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Deer Projt Bal	Cl A UPL Bal	"M"Canal Chng	"M"Canal Bal	Metro Salt Lake To"S" Meter	Metro Salt Lake Aft	Metro Salt Lake Bal	End Day Utah Lake & UP&LCO Chng	End Day Utah Lake & UP&LCO Bal
Fwd	5340.70	40.65	23942	0	-	-	-	-	-90	3541	74	-	2325	46976(2648)		14605	-	0
16	40.70	40.65	23942	-	85-75			6	-96	3541	74	-30	2295	To 400p	24	14581	+60	60
17	40.70	40.65	23942	-	75	210	210	6	-102	3541	74	-30	2265	-	a	14581	+36	96
18	40.65	40.70	23987	+45	75			6	-108	3541	74	-30	2235			14581	+81	177
19	40.75	40.80	24076	+89	75			6	-114	3541	74	-13	2222			14581	+108	285
20	40.85	40.90	24165	+89	75			6	-120	3541	74		2222			14581	+95	380
21	40.95	41.05	24300	+135	75	210	275	6	-126	3541	74	-	2222	-	-	14581	+141	521
22	41.10	41.20	24436	+136	75			6	-132	3541	74		2222			14581	+142	663
23	41.25	41.40	24618	+182	75			6	-138	3541	74		2222			14581	+188	851
24	41.45	41.60	24799	+181	75			6	-144	3541	74		2222			14581	+187	1038
25	41.65	41.80	24981	+182	75			5	-149	3541	74		2222			14581	+187	1225
26	41.85	42.00	25163	+182	75	210	300	4	-153	3541	74	-	2222	-	-	14581	+186	1411
27	42.05	42.20	25348	+185	75			4	-157	3541	74		2222			14581	+189	1600
28	42.25	42.40	25533	+185	75			4	-161	3541	74		2222			14581	+189	1789
29	42.45	42.60	25719	+186	75-45b			4	-165	3541	74		2222			14581	+190	1979
30	42.65	42.80	25904	+185	45-85b			4	-169	3541	74		2222			14581	+189	2168
31	42.85	43.00	26089	+185	85			4	-173	3541	74		2222			14581	+189	2357
										-25						-104		
Loss Adj		-	26089	-	-	-	-	+173	0	3516	74 n	-17	2205		(2672)	14477	-4	2353

Oct 1943	Provo City	Provo Bench	High-land	Lehi Met	Orem	Amer-fork	P.G. Lind	Dist. Comy	Exten-sion
Fwd	1978	658	0	143	515	189	0	0	4
Loss	-14	-5	-	-	-3	-1	-	-	-
Adj	1964	653	0	143	512	188	0	0	4

a-- Note 50-43
b - 700pm

TFW. CC - State Engr.; PRWUAssoc.% E A Jacob; USRS; UPL % E G Thorum; Utah Lake % D I Gardner.
Encl. 50-43. R J Murdock; I F Baum; J H Steele; Geneva Steel % W M Kearns; Metro Salt Lake % A W Watson.

Advance Sheet 52-43
Oct 31,1943

DEER LAKE

Average Acre Feet 24575
Average Area Acres 910
Depth Evaporation Feet 0.19
Volume Acre Feet 173

EVAPORATION LOSS OCTOBER 1943

	Totals	Evap Loss	Deer Projt	Cl A UP&L	"M" Canal	Salt Lake	Provo City	Provo Bench	Exten-sion	Lehi	Orem	Amer-fork	UP&L Co.	Utah Lake
Acftdys	761839	-2927	109771	195	73856	456247	61318	20398	124	4433	15965	5859	16600	16600
Loss	173	-	25	-	17	104	14	5	-	-	3	1	4	4
Shown Totals	26089	-173	3541	74	2222	14581	1978	658	4	143	515	189	2357	2357
Adjusted Totals	26089	00	3516	74	2205	14477	1964	653	4	143	512	188	2353	2353

TFW.
Incl with 53-43.

Advance Sheet 53-43
Nov 15,1943

DEER LAKE

End Day

Nov 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Metro Salt Lake To "Steel" Meter Aft	Metro Salt Lake Bal
Fwd	5342.85	43.00	26089	-	-	-	-	-	0	-	2353	-	2353	(2672)	14477
1	42.95	43.05	26136	+47	85	235	260	3	-3	+50	2403	+50	2403		14477
2	43.05	43.10	26183	+47	85			3	-6	+50	2453	+50	2453		
3	43.15	43.20	26278	+95	85	235	284	3	-9	+98	2551	+98	2551		
4	43.25	43.30	26372	+94	85			3	-12	+97	2648	+97	2748		
5	43.40	43.40	26467	+95	85			3	-15	+98	2746	+98	2746		
6	43.45	43.50	26561	+94	85	235	284	3	-18	+97	2843	+97	2843		14477
7	43.55	43.57	26627	+66	85			3	-21	+69	2912	+69	2912		
8	43.60	43.64	26693	+66	85			3	-24	+69	2981	+69	2981		
9	43.65	43.70	26750	+57	85			3	-27	+60	3041	+60	3041		
10	43.75	43.80	26844	+94	85			3	-30	+97	3138	+97	3138		
11	43.85	43.90	26939	+95	85	240	299	3	-33	+98	3236	+98	3236		14477
12	43.95	43.99	27024	+85	85			3	-36	+88	3324	+88	3324		
13	44.05	44.08	27110	+86	85			3	-39	+89	3413	+89	3413		
14	44.15	44.17	27197	+87	85			3	-42	+90	3503	+90	3503		
15	44.20	44.25	27274	+77	85			3	-45	+80	3583	+80	3583		14477

Nov 1943	Deer Projt	Cl A	"M" Canl	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Exten-sion
Fwd	3516	74	2205	1964	653	0	143	512	188	0	0	4
1-15	3516	74	2205	1964	653	0	143	512	188	0	0	4

TFW. CC - State Engr.; PRWUAssoc % E A Jacob; USRS: UP&L % E G Thorum; Utah Lake % David I. Gardner; R J Murdock; I F Baum; J H Steele; Geneva Steel % W M Kearns; Metro Salt Lake % A W Watson.

Enc 52-43

Advance Sheet 54-43
Nov 30,1943

DEER LAKE

End Day

Nov 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Metro Salt Lake To "Steel" Meter	Metro Salt Lake To "Steel" Aft	Metro Salt Lake To "Steel" Bal
Fwd	5344.20	44.25	27274	-	-	-	-	-	-45	-	3583	-	3583		(2672)	14477
16	44.25	44.34	27360	+86	85	240	285	3	-48	+89	3672	+89	3672	-	-	14477
17	44.35	44.43	27447	+87	85			3	-51	+90	3762	+90	3762			
18	44.45	44.49	27505	+58	85			3	-54	+61	3823	+61	3823			
19	44.50	44.55	27563	+58	85			2	-56	+60	3883	+60	3883			
20	44.55	44.61	27620	+57	85			2	-58	+59	3942	+59	3942			
21	44.65	44.67	27678	+58	85	250	280	2	-60	+60	4002	+60	400a	-	-	14477
22	44.70	44.73	27736	+58	85			2	-62	+60	4062	+60	4062			
23	44.75	44.79	27793	+57	85			2	-64	+59	4121	+59	4121			
24	44.80	44.85	27851	+58	85			2	-66	+60	4181	+60	4181			
25	44.90	44.90	27900	+49	85			2	-68	+51	4232	+51	4232			
26	44.90	44.95	27948	+48	85	250	275	2	-70	+50	4282	+50	4282	-	-	14477
27	44.95	45.00	27996	+48	85			2	-72	+50	4332	+50	4332			
28	45.00	45.00	27996	-	85	255	255	2	-74	+2	4334	+2	4334			
29	45.00	45.00	27996	-	85			2	-76	+2	4336	+2	4336			
30	45.00	45.00	27996	-	85			2	-78	+2	4338	+2	4338	-	-	14477
Loss Adj			27996	-	-			+78	00	-9	4329	-9	4329		-42	14435

Nov 1943	Deer Prjt	Cl A	"M" Canl	Provo City	Prvo Bench	High-land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Exten-sion
16-30	3516	74	2205	1964	653	0	143	512	188	0	0	4
Loss	9	-	6	6	2	-	1	2	1	0	0	0
Adj	3507	74	2199	1958	651	0	142	510	187	0	0	4

TFW. CC - State Engr.; PRWUAssoc % E A Jacob; USRS; UP&L % E G Thorum; Utah Lake % D I Gardner; R J Murdock; I F Baum; J H Steele; Geneva Steel % W MKearns; Metro Salt Lake % A W Watson.

Encl. 55-43

Advance Sheet 54-43
Nov 30,1943

DEER LAKE

End Day

Nov 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Metro Salt Lake To "Steel" Meter	Metro Salt Lake To "Steel" Aft	Metro Salt Lake To "Steel" Bal
Fwd	5344.20	44.25	27274	-	-	-	-	-	-45	-	3583	-	3583		(2672)	14477
16	44.25	44.34	27360	+86	85	240	285	3	-48	+89	3672	+89	3672	-	-	14477
17	44.35	44.43	27447	+87	85			3	-51	+90	3762	+90	3762			
18	44.45	44.49	27505	+58	85			3	-54	+61	3823	+61	3823			
19	44.50	44.55	27563	+58	85			2	-56	+60	3883	+60	3883			
20	44.55	44.61	27620	+57	85			2	-58	+59	3942	+59	3942			
21	44.65	44.67	27678	+58	85	250	280	2	-60	+60	4002	+60	400a	-	-	14477
22	44.70	44.73	27736	+58	85			2	-62	+60	4062	+60	4062			
23	44.75	44.79	27793	+57	85			2	-64	+59	4121	+59	4121			
24	44.80	44.85	27851	+58	85			2	-66	+60	4181	+60	4181			
25	44.90	44.90	27900	+49	85			2	-68	+51	4232	+51	4232			
26	44.90	44.95	27948	+48	85	250	275	2	-70	+50	4282	+50	4282	-	-	14477
27	44.95	45.00	27996	+48	85			2	-72	+50	4332	+50	4332			
28	45.00	45.00	27996	-	85	255	255	2	-74	+2	4334	+2	4334			
29	45.00	45.00	27996	-	85			2	-76	+2	4336	+2	4336			
30	45.00	45.00	27996	-	85			2	-78	+2	4338	+2	4338	-	-	14477
Loss Adj			27996	-	-			+78	00	-9	4329	-9	4329		-42	14435

Nov 1943	Deer Prjt	Cl A	"M" Canl	Provo City	Prvo Bench	High-land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Exten-sion
16-30	3516	74	2205	1964	653	0	143	512	188	0	0	4
Loss	9	-	6	6	2	-	1	2	1	0	0	0
Adj	3507	74	2199	1958	651	0	142	510	187	0	0	4

TFW. CC - State Engr.; PRWUAssoc % E A Jacob; USRS; UP&L % E G Thorum; Utah Lake % D I Gardner; R J Murdock; I F Baum; J H Steele; Geneva Steel % W MKearns; Metro Salt Lake % A W Watson.

Encl. 55-43

Advance Sheet 55-43
Nov 30,1943

DEER LAKE

Average Acre Feet 27228
Average Area Acres 970
Evaporation Feet 0.08
Volume Acre Feet 78

EVAPORATION LOSS NOVEMBER 1943

	Totals	Evap Loss	UP&L	Utah Lake	Salt Lake	Deer Prjt	Cl A	"M" Canl	Prvo City	Prvo Bnch	High land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Extn sion
Aftdys	816840	-1317	106077	106077	434310	105480	2220	66150	58920	19590	0	4290	15360	5640	0	0	120
Loss	78	*78	9	9	42	9	-	6	6	2	-	1	2	1	-	-	0
Shown Totals	27996	-78	4338	4338	14477	3516	74	2205	1964	653	0	143	512	188	0	0	4
Adjusted Totals	27996	00	4329	4329	14435	3507	74	2199	1958	651	0	142	510	187	0	0	4

TFW.
Encl with 54-43

Advance Sheet 56-43
Dec 15,1943

DEER LAKE

Dec 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Metro Salt Lake To"Steel" Meter	Metro Salt Lake End Day Aft	Metro Salt Lake Bal	
Fwd	5345.00	45.00	27996	-	-			-	0	-	4329	-	4329	- (2672)		14435	
1	45.00	45.05	28045	+49	85-80			1	-1	+50	4379	+50	4379	-	-	14435	
2	45.05	45.10	28094	+49	80	250	275	1	-2	+50	4429	+50	4429				
3	45.15	45.15	28143	+49	80			1	-3	+50	4479	+50	4479				
4	45.20	45.20	28192	+49	80			1	-4	+50	4529	+50	4529				
5	45.25	45.25	28241	+49	80			1	-5	+50	4579	+50	4579				
6	45.25	45.25	28241	--	80-110a			1	-6	+1	4580	+1	4580	-	-	14435	
7	45.25	45.20	28192	-49	110			1	-7	-48	4532	-48	4532				
8	45.15	45.10	28094	-98	110	300	250	1	-8	-97	4435	-97	4435				
9	45.10	45.00	27996	-98	110			1	-9	-97	4338	-97	4338				
10	45.00	44.90	27900	-96	110			1	-10	-95	4243	-95	4243				
11	44.85	44.80	27803	-97	110			1	-11	-96	4147	-96	4147	-	-	14435	
12	44.75	44.70	27707	-96	110			1	-12	-95	4052	-95	4052				
13	44.65	44.60	27611	-96	110			1	-13	-95	3957	-95	3957				
14	44.50	44.50	27515	-96	110-105			1	-14	-95	3862	-95	3862				
15	44.40	44.40	27418	-97	105	294	246	1	-15	-96	3766	-96	3766	-	-	14435	a = 945a
- - -	44.35	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	

Dec 1943	Deer Prjt	Cl A	"M" Canl	Povo City	Povo Bench	High-land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Exten sion
1-15	3507	74	2199	1958	651	0	142	510	187	0	0	4

TFW. CC - State Engr.; PRWUAssoc. % E A Jacob; USRS; UP&L % E G Thorum; Utah Lake % Davud I.Gardner; R J Murdock; I F Baum; J H Steele; Geneva Steel % W M Kearns; Metro Salt Lake % A W Watson.

Advance Sheet 57-43
Dec 31,1943

DEER CREEK RESERVOIR

End Day

Dec 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Metro Salt Lake To"Steel" Meter	Metro Salt Lake Aft	Metro Salt Lake Bal
Fwd	5344.40	44.40	27418	-	-	-	-	-	-15	-	3766	-	3766	(2672)		14435
16	44.35	44.30	27322	-96	105	285	237	1	-16	-95	3671	-95	3671	-	-	14435
17	44.25	44.20	27226	-96	105			1	-17	-95	3576	-95	3576			
18	44.10	44.10	27129	-97	105			1	-18	-96	3480	-96	3480			
19	44.05	44.05	27081	-48	105			1	-19	-47	3433	-47	3433			
20	44.05	44.05	27081	---	105			1	-20	+1	3434	+1	3434			
21	44.10	44.05	27081	---	105	290	290	1	-21	+1	3435	+1	3435	-	-	14435
22	44.05	44.00	27033	-48	105	290	266	1	-22	-47	3388	-47	3388			
23	44.00	43.95	26986	-47	105			1	-23	-46	3342	-46	3342			
24	43.95	43.90	26939	-47	105			1	-24	-46	3296	-46	3296			
25	43.90	43.85	26892	-47	105	295	272	1	-25	-46	3250	-46	3250			
26	43.85	43.75	26797	-95	105			1	-26	-94	3156	-94	3156	-	-	14435
27		43.65	26702	-95	105-100			1	-27	-94	3062	-94	3062			
28	43.60	43.55	26608	-94	100-102			1	-28	-93	2969	-93	2969			
29	43.45	43.45	26514	-94	102			1	-29	-93	2876	-93	2876			
30	43.35	43.35	26420	-94	102	288	240	-	-29	-94	2782	-94	2782			
31	43.35	43.30	26372	-48	103			-	-29	-48	2734	-48	2734	-	-	14435
Loss Adj			26372	-	-	-	-	+29	0	-4	2730	-4	2730	-15		14420

Dec 1943	Deer Prjt	Cl A	"M" Canl	Provo City	Provo Bench	High land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Exten sion
16-31	3507	74	2199	1958	651	0	142	510	187	0	0	4
Loss	4	-	2	2	1	-	-	1	-	-	-	-
Bal	3503	74	2197	1956	650	0	142	509	187	0	0	4

TFW. CC - State Engr.; PRWUAssoc % E A Jacob; USRS: UP&L % E G Thorum; Utah Lake % D I Gardner;
R J Murdock; I F Baum; J H Steele; Geneva Steel % W M Kearns; Metro Salt Lake % A.W.Watson.

Encl 58-43
1-44

Advance Sheet 58-43
Dec 31,1943

DEER CREEK RESERVOIR

Average Acre Feet	27399
Average Area Acres	970
Evaporation Feet	0.03
Volume Acre Feet	29

EVAPORATION LOSS ~~DECEMBER~~ 1943

	Totals	Evap Loss	UP&L	Utah Lake	Salt Lake	Deer Prjt	Cl A	"M" Canal	Prvo City	Prvo Bench	High land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Extn sion
Aftdys	849375	-493	116191	116191	447485	108717	2294	68169	60698	20181	0	4402	15810	5797	0	0	124
Loss	29	+29	4	4	15	4	-	2	2	1	0	-	1	-	-	-	-
Shown Totals	26372	-29	2734	2734	14435	3507	74	2199	1958	651	0	142	510	187	0	0	4
Adjusted Totals	26372	0	2730	2730	14420	3503	74	2197	1956	650	0	142	509	187	0	0	4

TFW.
Encl With 57-43

P R O V O R I V E R

DEER CREEK RESERVOIR

Advance Sheet 1-44
Jan 1,1944

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DEPTH EVAPORATION

Average Annual Evaporation Utah Lake, 1914-1934, 3.75 feet.

Average Annual Evaporation Deer Creek Reservoir (86% of Utah Lake, Baker & Conkling, 1930 ed, p 89) . . 3.23 feet.

AVERAGE ANNUAL MONTHLY EVAPORATION

	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Tot
Per Cent	0.66	1.22	4.66	9.02	13.91	17.20	18.01	15.39	10.88	5.82	2.47	0.76	100
Utah Lake Feet	0.02	0.05	0.17	0.34	0.52	0.64	0.68	0.58	0.41	0.22	0.09	0.03	3.75
Deer Creek Res'r Feet	0.02	0.04	0.15	0.29	0.45	0.55	0.58	0.50	0.35	0.19	0.08	0.03	3.23

T E N T A T I V E

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TFW.

CC - State Engr.; PRWUAssoc. % E A Jacob; USRS; UP&L % E G Thorum; Utah Lake % D I Gardner; R J Murdock; I F Baum; J H Steele; Geneva Steel % W M Kearns; Metro Salt Lake % A W Watson.

C- USRS 4-12-44

Advance Sheet 2-44
Jan 15,1944

DEER CREEK RESERVOIR

End Day

Jan 1944 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo-° Utah Lake° Chng	UP&LCo-° Utah Lake° Bal
Fwd	5343.35	43.30	26372	-	-	-	-	-	00	-	2730
1	43.30	43.25	26325	-47	103	288	265	1	-1	-46	2684
2	43.20	43.20	26278	-47	103			1	-2	-46	2638
3	43.15	43.15	26230	-48	103			-	-2	-48	2590
4	43.10	43.05	26136	-94	103			1	-3	-93	2497
5	43.00	42.95	26042	-94	101			1	-4	-93	2404
6	42.90	42.85	25950	-92	101	290	245	-	-4	-92	2312
7	42.80	42.75	25858	-92	101			-	-4	-92	2220
8	42.70	42.64	25756	-102	100			1	-5	-101	2119
9	42.55	42.53	25654	-102	100			1	-6	-101	2018
10	42.40	42.42	25552	-102	100			-	-6	-102	1916
11	42.35	42.31	25450	-102	100	284	233	1	-7	-101	1815
12	42.20	42.20	25348	-102	100			-	-7	-102	1713
13	42.15	42.10	25256	-92	100			1	-8	-91	1622
14	42.05	42.00	25163	-93	100			-	-8	-93	1529
15	41.95	41.90	25072	-91	100	280	235	1	-9	-90	1439
	41.90										

° Provo River.

Jan 1944	Deer Prjt	Cl A	"M Canal	Provo City	Provo Bench	High land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Exten sion	Salt Lake
1-15	3503	74	2197	1956	650	0	142	509	187	0	0	4	14420

TFW. CC - State Engr.;PRWUAssoc. % E A Jacob; USRS; UP&L % E G Thorum; Utah Lake % D I Gardner;
R J Murdock; I F Baum; J H Steele; Geneva Steel % W M Kearns; Metro Salt Lake % A W Watson.

6 ~~[illegible]~~ 4-12-44

Advance Sheet 3-44
Jan 31,1944

Deer Creek Reservoir

End Day

Jan 1944 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCO-Utah Lake Chng	UP&LCO-Utah Lake Bal
Fwd	5341.95	41.90	25072	-	-	-	-	2-	-9	-	1439
16	41.90	41.80	24981	-91	100	284	240	1	-10	-90	1349
17	41.80	41.70	24890	-91	100			-	-10	-91	1258
18	41.70	41.60	24799	-91	99			1	-11	-90	1168
19	41.60	41.50	24709	-90	99			-	-11	-90	1078
20	41.45	41.40	24618	-91	99			1	-12	-90	988
21	41.40	41.30	24527	-91	99	284	240	1	-13	-90	898
22	41.25	41.20	24436	-91	98			-	-13	-91	807
23	41.15	41.10	24345	-91	98			-	-13	-91	716
24	41.10	41.10	24345	---	98			-	-13	---	716
25	41.10	41.05	24300	-45	98			1	-14	-44	672
26	41.00	40.95	24210	-90	98			1	-15	-89	583
27	40.90	40.90	24165	-45	98			-	-15	-45	538
28	40.90	40.90	24165	---	98	280	280	1	-16	+1	539
29	40.95	40.90	24165	---	98			-	-16	---	539
30	40.90	40.85	24120	-45	98			1	-17	-44	495
31	40.85	40.80	24076	-44	98			1	-18	-43	452
Loss Adj			24076	-	-	-	-	+18	00	-1	451

Jan 1944	Deer Prjt	Cl A	"M" Canal	Provo City	Provo Bench	High-land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Exten sion	Salt Lake
16-31	3503	74	2197	1956	650	0	142	509	187	0	0	4	14420
Loss	3	-	2	2	-	-	-	-	-	-	-	-	10
Bal	3500	74	2195	1954	650	0	142	509	187	0	0	4	14410

TFW. CC - State Engr.; PRWUAssoc % E A Jacob;USRS: UP&L % E G Thorum; Utah Lake % D I Gardner;
R J Murdock I F Baum: J H Steele: Geneva Steel % W M Kearns: Metro Salt Lake % A W Watson.

Encl 4-44

C- [illegible] 4-12-44

Advance Sheet 4-44
Jan 31,1944

DEER CREEK RESERVOIR

Average Acre Feet 25062
Average Area Acres 920
Evaporation Feet 0.02
Volume Acre Feet 18

Evaporation Loss January 1944

	Totals	Evap Loss	UP&L-Utah Lake	Deer Prjt	Cl A	"M" Canl	Prvo City	Provo Bench	High-land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Extn sion	Salt Lake
Aftdys	776921	-293	44312	108593	2294	68107	60636	20150	0	4402	15779	5797	0	0	124	447020
Loss	18	+18	1	3	-	2	2	-	-	-	-	-	-	-	-	10
Shown Totals	24076	-18	452	3503	74	2197	1956	650	0	142	509	187	0	0	4	14420
Adjusted Totals	24076	90	451	3500	74	2195	1954	650	0	142	509	187	0	0	4	14410

TFW.
Encl With 3-44

Advance Sheet 5-44 DEER CREEK RESERVOIR End Day
Feb 15,1944

Feb 1944 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss	Loss	Bal	UP&LCo-Utah Lake Chng	Bal	
Fwd	5340.85	40.80	24076	-	-	-	-	-		00	-	451	
1	40.75	40.50	23809	-267	98	280	147	1		-1	-266	185	
2	40.35	40.20	23541	-268	98			2		-3	-266	-81	
3	40.05	39.90	23276	-265	98	280	147	1		-4	-264	-345	
4	39.85	39.80	23188	-88	98	280	237	2		-6	-86	-431	
5	39.75	39.70	23100	-88	97			1		-7	-87	-518	
6	39.75	39.60	23013	-87	97			2		-9	-85	-603	
7	39.55	39.50	22926	-87	97	280	237	1		-10	-86	-689	
8	39.45	39.55	22970	+44	97			2		-12	+46	-643	
9	39.60	39.55	22970	...	97			1		-13	+1	-642	
10	39.50	39.40	22838	-132	97			1		-14	-131	-773	
11	39.35	39.00	22488	-350	96	277	103	2		-16	-348	-1121	
12	38.80	38.80	22316	-172	96			1		-17	-171	-1292	
13	3880	38.55	22101	-215	96-70			2		-19	-213	-1505	-5°F
14	38.45	38.55	22101	...	70-62			1		-20	+1	-1504	
15	[illegible]	38.70	22230	+129	63	230	295	1		-21	+130	-1374	
	38.75				64								

Feb 1944	Deer Prjt	Cl A	"M" Canal	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Exten sion	Salt Lake
1-15	3500	74	2195	1954	650	0	142	509	187	0	0	4	14410

TFW. CC - State Engr.; PRWUAssoc. % E A Jacob; USRS; UP&L % E G Thorum; Utah Lake % D I Gardner; R J Murdock; I F Baum; J H Steele; Geneva Stee % W M Kearns; Metro Salt Lake % A W Watson.

C - ~~[illegible]~~ 4-12-44

Advance Sheet 6-44
Feb 29,1944

DEER CREEK RESERVOIR

End Day

Feb 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo-Utah Lake Chng	UP&LCo-Utah Lake Bal	
Fwd 53.....		38.70	22230	-	-	-	-	-	-21	-	-1374	
16	38.75	38.75	22273	+43	64	220	242	1	-22	+44	-1330	
17	38.75	38.85	22359	+86	64	220	280	1	-23	+87	-1243	
18	38.90	38.85	22359	--	64	220	220	1	-24	+1	-1242	
19	38.80	38.80	22316	-43	64	220	200	1	-25	-42	-1284	-17°F
20	38.80	38.60	22144	-172	64	220	135	1	-26	-171	-1455	
21	38.50	38.75	22273	+129	64	220	285	1	-27	+130	-1325	
22	38.90	38.90	22402	+129	64			1	-28	+130	-1195	
23	38.90	38.95	22445	+43	64	218	240	1	-29	+44	-1151	
24	38.95	39.00	22488	+43	64-60a			1	-30	+44	-1107	
25	39.05	39.10	22576	+88	61	214	258	1	-31	+89	-1018	
26	39.15	39.15	22620	+44	61			1	-32	+45	-973	
27	39.15	39.15	22620	...	60	214	214	1	-33	+1	-972	
28	39.15	39.15	22620	...	60			1	-34	+1	-971	
29	39.15	39.15	22620	...	60	214	214	1	-35	+1	-970	
Loss Adj			22620	-	-	-	-	+35	00	..	-970	

a - 64-95 at 8am; Montana Line Down--Power Shortage; 95-60 at 7pm.

Feb 1944	Deer Prjt	Cl A	"M" Canl	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Exten sion	Salt Lake
16-29	3500	74	2195	1954	650	0	142	509	187	0	0	4	14410
Loss	5	0	3	3	1	0	0	1	-	0	0	-	22
Bal	3495	74	2192	1951	649	0	142	508	187	0	0	4	14388

TFW. CC - State Engr; PRWUAssoc % E A Jacob; USRS; UP&L % E G Thorum; UTAH Lake % D I Gardner; R J Murdock; I F Baum: J H Steele; Geneva Steel % W M Kearns; Metro Salt Lake % A W Watson.

Encl 7-44

C - [illegible] 4/2-44.

Advance Sheet 7-44
Feb 29,1944

DEER CREEK RESERVOIR

Average Acre Feet	22655
Average Area Acres	880
Evaporation Feet	.04
Volume Acre Feet	35

Evaporation Loss February 1944

	Totals	Evap Loss	UP&L-Utah Lake	Deer Prjt	Cl A	"M" Canl	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn sion	Salt Lake
Aftdys	656982	-571	-27572	101500	2146	63655	56666	18850	0	4118	14761	5423	0	0	116	417890
Loss	35	+35	--	5	-	3	3	1	0	-	1	-	0	0	-	22
Feb 29 Totals	22620	-35	-970	3500	74	2195	1954	650	0	142	509	187	0	0	4	14410
Adjusted Totals	22620	00	-970	3495	74	2192	1951	649	0	142	508	187	0	0	4	14388

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TFW.
Encl With 6-44

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Advance Sheet 8-44
March 15,1944

DEER CREEK RESERVOIR

End Day

Mar 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo-Utah Lake Chng	UP&LCo-Utah Lake Bal	
Fwd	5339.15	39.15	22620	-	-	-	-	-	00	-	-970	
1	39.15	39.20	22663	+43	60	214	235	4	-4	+47	-923	
2	39.25	39.35	22794	+131	60			4	-8	+135	-788	
3	39.40	39.45	22882	+88	60			4	-12	+92	-696	
4	39.50	39.50	22926	+44	60			4	-16	+48	-648	
5	39.50	39.55	22970	+44	60	214	236	4	-20	+48	-600	
6	39.60	39.60	23013	+43	60			4	-24	+47	-553	
7	39.65	39.60	23013	--	60			4	-28	+4	-549	-4°F At Heber Plant
8	39.55	39.55	22970	-43	60			4	-32	-39	-588	
9	39.55	39.60	23013	+43	60			4	-36	+47	-541	
10	39.65	39.80	23188	+175	60			4	-40	+179	-362	
11	39.85	39.95	23320	+132	60	220	285	4	-44	+136	-226	
12	40.00	40.15	23496	+176	60			4	-48	+180	-46	
13	40.20	40.45	23764	+268	60			4	-52	+272	226	
14	40.60	40.75	24032	+268	60	225	360	4	-56	+272	498	
15	40.85	40.90	24165	+133	60			4	-60	+137	635	

Mar 1944	Deer Prjt	Cl A	"M" Canl	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn sion	Salt Lake
1-15	3495	74	2192	1951	649	0	142	508	187	0	0	4	14388

TFW. CC - State Engr;PRWUAssoc % E A Jacob; USRS; UP&L % E G Thorum; Utah Lake % D I Gardner; R J Murdoc; I F Baum; J H Steele; Geneva Steel % W M Kearns; Metro Salt Lake.

c- [illegible] 4-12-44

Advance Sheet 9-44
Mar 31,1944

DEER CREEK RESERVOIR

End Day

Mar 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&LCo-Utah Lake Chng	UP&LCo-Utah Lake Bal
Fwd	5340.85	40.90	24165	-	-	-	-	-	060	-	635
16	40.90	40.90	24165	-	60	220	220	4	-64	+4	639
17	40.90	41.00	24254	+89	60			4	-68	+93	732
18	41.05	41.10	24345	+91	60			4	-72	+95	827
19	41.15	41.20	24436	+91	60-90			4	-76	+95	922
20	41.20	41.20	24436	--	90	270	270	4	-80	+4	926
21	41.20	41.20	24436	--	90			4	-84	+4	930
22	41.25	41.20	24436	--	90-95			4	-88	+4	934
23	41.15	41.20	24436	-	95	280	280	4	-92	+4	938
24	41.25	41.25	24482	+46	95			4	-96	+50	988
25	41.30	41.30	24527	+45	95	284	305	4	-100	+49	1037
26	41.35	41.35	24573	+46	95			5	-105	+51	1088
27	41.35	41.35	24573	-	95			5	-110	+5	1093
28	41.35	41.25	24482	-91	95			5	-115	-86	1007
29	41.15	41.15	24390	-92	95			6	-121	-86	921
30	41.15	41.25	24482	+92	95	284	330	6	-127	+98	1019
31	41.30	41.45	24664	+182	95			6	-133	+188	1207
	41.55										
Loss Adj			24664	-	-	-	-	+133	00	-2	1205

Mar 1944	Deer Prjt	Cl A	"M" Canl	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Exten sion	Salt Lake
16-31	3495	74	2192	1951	649	0	142	508	187	0	0	4	14388
Loss	19	-	12	11	4	-	1	3	1	-	-	-	80
Bal	3476	74	2180	1940	645	0	141	505	186	0	0	4	14308

TFW. CC - State Engr; PRWUAssoc % E A Jacob; USRS; UP&L % E G Thorum; Utah Lake % D I Gardner; R J Murdock; I F Baum; J H Steel; Geneva Steel % W M Kearns; Metro Salt Lake.

Encl 10-44

C - [illegible] 4-12-44

Advance Sheet 10-44
Mar 31,1944

DEER CREEK RESERVOIR

Average Acre Feet 23849
Average Area Acres 890
Evaporation Feet 0.15
Volume Acre Feet 133

Evaporation Loss March 1944

	Totals	Evap Loss	UP&L-Utah Lake	Deer Prjt	Cl A	"M" Canl	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind.	Dist. Comy	Extn sion	Salt Lake
Aftdys	739326	-2011	10047	108345	2294	67952	60481	20119	0	4402	15748	5797	0	0	124	446028
Loss	133	+133	2	19	-	12	11	4	0	1	3	1	0	0	0	80
Mar 31 Totals	24664	-133	1207	3495	74	2192	1951	649	0	142	508	187	0	0	4	14388
Adjusted Totals	24664	00	1205	3476	74	2180	1940	645	0	141	505	186	0	0	4	14308

TFW.
Encl With 9-44

Advance Sheet 11-44
Apl 15,1944

DEER CREEK RESERVOIR

Apl 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&L-Utah Lake Chng	UP&L-Utah Lake Bal	Deer Prjt	Deer Prjt	
Fwd	5341.30	41.45	24664	-	-	-	-	-	00	-	1205	-	3476	
1	41.55	41.60	24799	+135	95	290	360	9	-9	+144	1349	A	3476	A - From Beaver Creek, Weber System Cl-44
2	41.65	41.75	24935	+136	95			9	-18	+130	1479	+15	3491	
3	41.80	41.95	25118	+183	95			9	-27	+174	1653	+18	3509	
4	42.10	42.15	25302	+184	95		370	9	-36	+174	1827	+19	3528	
5	42.20	42.35	25487	+185	96	290	~~380~~	9	-45	+161	1988	+33	3561	
6	42.50	42.65	25765	+278	97		425	9	-54	+254	2242	+33	3594	
7	42.80	42.95	26042	+277	98	300	~~440~~	9	-63	+253	2495	+33	3627	
8	43.05	43.20	26278	+236	99			9	-72	+212	2707	+33	3660	
9	43.25	43.30	26372	+94	99		335	9	-81	+71	2778	+32	3692	
10	43.35	43.40	26467	+95	100	300	~~350~~	9	-90	+68	2846	+36	3728	
11	43.45	43.55	26608	+141	100			9	-99	+115	2961	+35	3763	
12	43.60	43.70	26750	+142	100			9	-108	+116	3077	+35	3798	
13	43.80	43.90	26939	+189	100			9	-117	+160	3237	+38	3836	
14	44.00	44.05	27081	+142	100	~~300~~	~~350~~	9	-126	+108	3345	+43	3879	
15	44.10	44.15	27178	+97	100	300	~~350~~ 330	9	-135	+64	3409	+42	3921	

Apl 1944 Day	Cl A	"M" Canl	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn sion	Salt Lake
1-15	74	2180	1940	645	0	141	505	186	0	0	4	14308

TFW. CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum;
Utah Lake % D I Gardner; R J Murdock; I F Baum; Geneva Steel % W M Kearns.

Superceded by 12-44

Advance Sheet 12-44, Supercedes 11-44.
Apl 15,1944 Mark 11-44 "Superceded by 12-44"

DEER CREEK RESERVOIR

Apl 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	UP&L Utah Lake Chng	UP&L Utah Lake Bal	Deer Prjt Chng	Deer Prjt Bal
Fwd	5341.30	41.45	24664	-	-	-	-	-	00	-	1205	-	3476
1	41.55	41.60	24799	+135	95	290	362	9	-9	+144	1349	-	3476
2	41.65	41.75	24935	+136	95			9	-18	+133	1482	+12	3488
3	41.80	41.95	25118	+183	95			9	-27	+177	1659	+15	3503
4	42.10	42.15	25302	+184	95			9	-36	+177	1836	+16	3519
5	42.20	42.35	25487	+185	96	290	372	9	-45	+165	2001	+29	3548
6	42.50	42.65	25765	+278	97			9	-54	+258	2259	+29	3577
7	42.80	42.95	26042	+277	98	300	428	9	-63	+257	2516	+29	3606
8	43.05	43.20	26278	+236	99			9	-72	+216	2732	+29	3635
9	43.25	43.30	26372	+94	99			9	-81	+75	2807	+28	3663
10	43.35	43.40	26467	+95	100	300	335	9	-90	+71	2878	+33	3696
11	43.45	43.55	26608	+141	100			9	-99	+115	2993	+35	3731
12	43.60	43.70	26750	+142	100			9	-108	+116	3109	+35	3766
13	43.80	43.90	26939	+189	100			9	-117	+160	3269	+38	3804
14	44.00	44.05	27081	+142	100			9	-126	+108	3377	+43	3847
15	44.10	44.15	27178	+97	100	300	332	9	-135	+64	3441	+42	3889

Apl 1944	Cl A	"M" Canl	Provo Metro	Provo Bench	High-land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Extn sion	Salt Lake
1-15	74	2180	1940	645	0	141	505	186	0	0	4	14308

TFW. CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; U)&L % E G Thorum;
Utah Lake % D I Gardner; R J Murdoc; I F Baum; Geneva Steel % W M Kearns.

Advance Sheet 13-44
Apl 30,1944

DEER CREEK RESERVOIR

Apl 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Chng	Cl A Bal	Deer Prjt Chng	Deer Prjt Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal
fwd	5344.10	44.15	27178	-	-	-	-	-	-135	-	74	-	3889	-	3441	-	3441
16	44.20	44.40	27418	+240	100	300	403	9	-144	-	74	+42	3931	-	3441	+207	3648
17	44.50	44.60	27611	+193	101	300	374	9	-153	-	74	+55	3986	-	3441	+147	3795
18	44.65	44.65	27659	+48	100	300	297	9	-162	-	74	+62	4048	-5	3436	-5	3790
19	44.70	44.65	27659	...	100	300	276	9	-171	-	74	+56	4104	-47	3389	-47	3743
20	44.65	44.85	27852	+193	100	300	378	9	-180	-	74	+46	4150	...	3389	+156	3899
21	44.95	45.15	28143	+291	100	300	421	9	-189	-	74	+58	4208		3389	+242	4141
22	45.25	45.25	28242	+99	100	300	324	9	-198	-	74	+59	4267		3389	+49	4190
23	45.25	45.25	28242	...	100	300	278	9	-207	-	74	+52	4319	-43	3346	-43	4147
24	45.20	45.25	28242	...	100-115	320	296	9	-216	-	74	+58	4377	-49	3297	-49	4098
25	45.30	45.50	28487	+245	115-105	325	410	9	-225	-	74	+84	4461		3297	+170	4268
26	45.65	45.60	28585	+98	105	310	316	9	-234	-	74	+94	4555		3297	+13	4281
27	45.55	45.75	28732	+147	105			10	-244	-	74	+82	4637		3297	+75	4356
28		46.00	28978	+246	105	300	380	11	-255	-	74	+96	4733		3297	+161	4517
29	46.10	46.30	29279	+301	105			11	-266	-	74	+121	4854		3297	+191	4708
30	46.40	46.65	29629	+350	107	340	450	12	-278	-	74	+142	4996		3297	+220	4928
Loss Adj			29629	-	-	-	-	+278	00	-	74	-41	4955	-30	3267	-34	4894

Apl 1944	"M" Canl	Provo Metro	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn-sion	Salt Lake
16-30	2180	1940	645	0	141	505	186	0	0	4	14308
Loss	22	20	7	0	1	5	2	0	0	-	146
Bal	2158	1920	638	0	140	500	184	0	0	4	14162

TFW. CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum;
Utah Lake % D I Gardner; R J Murdock; I F Baum Geneva Steel % W M Kearns.

Advance Sheet 14-44
Apl 30,1944

DEER CREEK RESERVOIR

Average Acre Feet 27196
Average Area Acres 960
Evaporation Feet 0.29
Volume Acre Feet 278

Evaporation Loss April 1944

	Totals	Evap Loss	Cl A	Deer Projt	UP&L	Utah Lake	"M" Canl	Provo Metro	Provo Bench	High-land	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Extn sion	Salt Lake
Aftdys	815879	-4202	2220	120374	89007	100217	65400	58200	19350	0	4230	15150	5580	0	0	120	429240
Loss	278	+278	-	41	30	34	22	20	7	0	1	5	2	0	0	-	146
Apl 30 Totals	29629	-278	74	4996	3297	4928	2180	1940	645	0	141	505	186	0	0	4	14308
Adjusted Totals	29629	00	74	4955	3267	4894	2158	1920	638	0	140	500	184	0	0	4	14162

TFW.
Encl With 13-44

Advance Sheet 15-44
May 15,1944

DEER CREEK RESERVOIR

May 1944 Day	Gage 800a	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Chng	Cl A Bal	Deer Prjt Chng	Deer Prjt Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal
fwd	5346.40	46.65	29629	-	-	-	-	-	00	-	74	-	4955	-	3267	-	4894
1	46.75	47.00	29980	+351	108	340	449	15	-15	-	74	+148	5103	-	3267	+218	5112
2	47.10	47.30	30287	+307	109			15	-30	-	74	+161	5264	-	3267	+161	5273
3	47.40	47.60	30594	+307	110	340	417	15	-45	-	74	+177	5441	-	3267	+145	5418
4	47.70	47.80	30798	+204	110-170			15	-60	-	74	+166	5607	-	3267	+53	5471
5	47.85	48.10	31107	+309	170	475	548	15	-75	-	74	+188	5795	-	3267	+136	5607
6	48.20	48.50	31525	+418	174			15	-90	-	74	+242	6037	-	3267	+191	5798
7	48.65	49.20	32260	+735	179	510	706	15	-105	-	74	+400	6437	-	3267	+350	6148
8	49.50	50.20	33329	+1069	181-205			15	-120	-	74	+594	7031	-	3267	+490	6638
9	50.55	51.20	34421	+1092	215-250	600	830	15	-135	-	74	+732	7763	-	3267	+375	7013
10	51.55	52.40	35763	+1342	249	660	995	15	-150	-	74	+782	8545	-	3267	+575	7588
11	52.80	53.60	37137	+1374	250-280			15	-165	-	74	+934	9479	-	3267	+455	8043
12	53.95	54.70	38425	+1288	280	750	994	15	-180	-	74	+934	10413	-	3267	+369	8412
13	55.10	56.00	39983	+1558	283-300			15	-195	-	74	+1018	11431	-	3267	+555	8967
14	56.40	57.20	41461	+1478	300	825	1065	15	-210	-	74	+1012	12443	-	3267	+481	9448
15	57.60	58.50	43102	+1641	301	825	1144	15	-225	+125	199	+1018	13461	-	3267	+513	9961

May 1944	"M" Canl	Provo Metro	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn-sion	Salt Lake
1-15	2158	1920	638	0	140	500	184	0	0	4	14162

TFW. CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum;
Utah Lake % D I Gardner; R J Murdock; I F Baum; Geneva Steel % W M Kearns.

Encl C4-44

Superseded by 16-44

Advance Sheet 16-44. Supercedes 15-44 DEER CREEK RESERVOIR
May 15,1944. Mark 15-44 "Superceded by 16-44"

May 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Chng	Cl A Bal	Deer Prjt Chng	Deer Prjt Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal
Fwd	5346.40	46.65	29629	-	-	-	-	-	00	-	74	-	4955	-	3267	-	4894
1	46.75	47.00	29980	+351	108	340	449	15	-15	-	74	+148	5103	-	3267	+218	5112
2	47.10	47.30	30287	+307	109			15	-30	-	74	161	5264	-	3267	+161	5273
3	47.40	47.60	30594	+307	110	340	412	15	-45	-	74	177	5441	-	3267	+145	5418
4	47.70	47.80	30798	+204	110-170			15	-60	-	74	166	5607	-	3267	+53	5471
5	47.85	48.10	31107	+309	170	475	543	15	-75	-	74	188	5795	-	3267	+136	5607
6	48.20	48.50	31525	+418	174			15	-90	-	74	242	6037	-	3267	+191	5798
7	48.65	49.20	32260	+735	179	510	685	15	-105	-	74	400	6437	-	3267	+350	6148
8	49.50	50.20	33329	+1069	181-205			15	-120	-	74	594	7031	-	3267	+490	6638
9	50.55	51.20	34421	+1092	215-250			15	-135	-	74	704	7735	-	3267	+403	7041
10	51.55	52.40	35763	+1342	249	660	948	15	-150	-	74	782	8517	-	3267	+575	7616
11	52.80	53.60	37137	+1374	250-280			15	-165	-	74	934	9451	-	3267	+455	8071
12	53.95	54.70	38425	+1288	280	750	934	15	-180	-	74	934	10385	-	3267	+369	8440
13	55.10	56.00	39983	+1558	283-300			15	-195	-	74	992	11377	-	3267	+581	9021
14	56.40	57.20	41461	+1478	300	825	1065	15	-210	-	74	1012	12389	-	3267	+481	9502
15	57.60	58.50	43102	+1641	301	825	1144	15	-225	+125	199	1018	13407	-	3267	+513	10015

May 1944	"M" Canl	Provo Mtro	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn-sion	Salt Lake
1-15	2158	1920	638	0	140	500	184	0	0	4	14162

TFW.

Encl With 17-44.

Advance Sheet 17-44
May 31,1944

DEER CREEK RESERVOIR

May 1944 Day	Gage 800a	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Chng	Cl A Bal	Deer Prjt Chng	Deer Prjt Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal
fwd	5357.60	58.50	43102	-	-	-	-	-	-225	-	199	-	13407	-	3267	-	10015
16	59.00	59.70	44650	+1548	305	825	1140	15	-240	-	199	+934	14341	-	3267	+629	10644
17	60.00	60.60	45833	+1183	305	825	1320	20	-260	-	199	212	14553	-	3267	+991	11635
18	60.90	61.10	46495	+662	305	850	1120	20	-280	-	199	143	14696	-	3267	+539	12174
19	61.25	61.60	47165	+670	305	850	1024	20	-300	-	199	342	15038	-	3267	+348	12522
20	61.75	62.00	47701	+536	305	850	686	20	-320	-	199	884	15922	-	3267	-328	12194
21	62.10	62.25	48040	+339	305	850	570	20	-340	-	199	920	16842	-	3267	-561	11633
22	62.35	62.80c	48787	+747	305			20	-360	-	199	940	17782	-	3267	-173	11460
23	62.60a	63.55c	49812	+1025	305			20	-380	-	199	960	18742	-	3267	+85	11545
24	62.95a	64.30c	50846	+1034	306			20	-400	-	199	986	19728	-	3267	+68	11613
25	63.55a	65.05c	51887	+1041	305	850	879	25	-425	-	199	1008	20736	-	3267	+58	11671
26	64.20a	65.80c	52938	+1051	305			25	-450	-	199	1012	21748	-	3267	+64	11735
27	64.75a	66.55c	53996	+1058	306			25	-475	-	199	1018	22766	-	3267	+65	11800
28	66.90b	67.30	55062	+1066	306	850	904	25	-500	-	199	984	23750	-	3267	+107	11907
29	67.50	68.05	56135	+1073	306			25	-525	-	199	998	24748	-	3267	+100	12007
30	68.30	68.90	57364	+1229	306			25	-550	-	199	998	25746	-	3267	+256	12263
31	69.20	69.75	58604	+1240	306	850	987	26	-576	-	199	992	26738	-	3267	+274	12537
Loss Adj			58604					+576	00	-2	197	-187	26551	-43	3224	-125	12412

a - Appears gage sticking. b - Corrected. c - Interpolated.

May 1944	"M" Canl	Provo Metro	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn sion	Salt Lake
16-31	2158	1920	638	0	140	500	184	0	0	4	14162
Loss	28	25	8	-	2	7	3	-	-	-	189
Bal	2130	1895	630	0	138	493	181	0	0	4	13973

TFW. Encl with 18-44

Advance Sheet 18-44
May 31,1944

DEER CREEK RESERVOIR

Average Acre Feet 43080
Average Area Acres 1280
Evaporation Feet 0.45
Volume Acre Feet 576

Evaporation Loss May 1944

	Totals	Evap Loss	Cl A	Deer Prjt	UP&L	Utah Lake	"M" Canl	Provo Metro	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn sion	Salt Lake
Aftdys	1335487	8181	4419	433852	101277	294511	66898	59520	19778	0	4340	15500	5704	0	0	124	439022
Loss	576	+576	2	187	43	125	28	25	8	0	2	7	3	0	0	-	189
May 31 Totals	58604	-576	199	26738	3267	12537	2158	1920	638	0	140	500	184	0	0	4	14162
Adjusted Totals	58604	00	197	26551	3224	12412	2130	1895	630	0	138	493	181	0	0	4	13973

TFW. Encl. 17-44; 16-44; C6-44; C5-44.

CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum;
Utah Lake % D Gardner; R J Murdock; I F Baum; Geneva Steel % W M Kearns.

Advance Sheet 19-44
Jun 15,1944

DEER CREEK RESERVOIR

Jun 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Bal	Deer Prjt Chng	Deer Prjt Bal	UP&L Bal	Utah Lake Chng	Utah Lake Bal
fwd	5369.20	69.75	58604	-	-	-	-	-	00	197	-	26551	3224	-	12412
1	70.05	70.80	60152	+1548	313	875	1168	30	-30	197	+992	27543	3224	+586	12998
2	71.20	72.10	62094	+1942	314			30	-60	197	1002	28545	3224	+970	13968
3	72.60	73.20	63761	+1667	320	950	1294	30	-90	197	988	29533	3224	+709	14677
4	73.50	73.90	64831	+1070	319	900	1078	30	-120	197	744	30277	3224	+356	15033
5	74.10	74.45	65680	+849	320	900	852	30	-150	197	974	31251	3224	-95	14938
6	74.60	75.00	66531	+851	320	900	845	30	-180	197	992	32243	3224	-111	14827
7	75.20	75.60	67469	+938	320	900	880	30	-210	197	1008	33251	3224	-40	14787
8	75.80	76.20	68410	+941	320	900	875	30	-240	197	1022	34273	3224	-51	14736
9	76.40	76.90	69516	+1106	319	900	957	30	-270	197	1022	35295	3224	+114	14850
10	77.10	77.40	70313	+797	3.2-3.6a			30	-300	197	1026	36321	3224	-199	14651
11	77.60	77.90	71112	+799	3.6-3.2b			30	-330	197	1026	37347	3224	-197	14454
12	78.10	78.40	71918	+806	320	900	807	30	-360	197	1022	38369	3224	-186	14268
13	78.60	78.90	72726	+808	319	900	806	30	-390	197	1026	39395	3224	-188	14080
14	79.10	79.40	73541	+815	319	900	818	30	-420	197	1008	40403	3224	-163	13917
15	79.60	79.80	74194	+653	319	900	734	30	-450	197	1016	41419	3224	-333	13584
	79.90														

a - 300p; b - 3.6 to 4.0 at 800a; & 4.0 To 3.2 at 415p.

Jun 1944	"M" Canl	Provo Metro	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn-sion	Salt Lake
1-15	2130	1895	630	0	138	493	181	0	0	4	13973

TFW. CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum;
Utah Lake % D Gardner; R J Murdock; I F Baum; Geneva Steel % W M Kearns;
Encl C7-44

DEER CREEK RESERVOIR

Advance Sheet 20-44
Jun 21,1944

C O P Y

- -

Law Office Of
ARTHUR V. WATKINS
Provo, Utah

June 19, 1944

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

Dear Mr.Wentz:

Confirming telephone conversation with respect to the holding of Provo River water in the Deer Creek reservoir, the Board of Directors of the Association have instructed me to notify you that so far as it is concerned and has any right to speak in the matter, it objects to withholding of such water in the reservoir for latter release. The Association maintains the same position it has taken on this subject since the reservoir was completed.

The Association has leased lands in the reservoir area above the elevation point 5380, and under these leases may possibly be liable for damages if it floods area above this elevation.

Inasmuch as the Association desires to store all water possible this season, all the space in the reservoir below the elevation named will be needed. If any of the capacity below this elevation point is used for Provo River water, the leased lands above that point will be flooded.

The Association will hold responsible any party or parties for whom the withholding is taking place and will expect such party or parties to reimburse it for any damages it may have to pay by reason of the leased lands being flooded because Provo River water is held in the Reservoir.

Yours very sincerely

/s/ A.V.Watkins

General Counsel

AVW:in

- -

(CC - Same List as 19-44)

DEER CREEK RESERVOIR

Advance Sheet 21-44
Jun 26,1944

C O P Y

- -

WATER COMMISSIONERS OFFICE
PROVO RIVER

Orem, Utah

June 26, 1944

D & R G W R'Y
% Provo Agent,
Vivian Park Resort Co
% Bob Bullock,
Utah Engr. Commission
% F.W.Demming,
Provo City Corporation
% Mayor Harding,

Utah Power & Light Co
% E.G.List,
Vivian Park Home Owners Assoc
% Robert S.Curtis,
L.L.Donnon,
Henry Andrus,
Utah County
% R.J.Murdock.

Dear Sirs:

I hand each of you herewith copy of Provo River Water Users Association letter of 6-19-44 designated Advance Sheet 20-44, and copy of Utah Lake and Jordan River Water Users letter of 3-30-43 designated Advance Sheet 13-43.

You will observe by these letters, and this is notice to you, that, hereafter the natural flow of Provo River to Utah Lake will not be impounded in Deer Creek Reservoir. during Spring Run-off. The reservoir cannot be used for flood control, as nearly as will be practicable the Provo River waters will flow through the reservoir without interference.

The river is now flowing 900 second feet, preparation should be made for a discharge of at least 2000 second feet.

Resp.

/s/ T.F.Wentz
T.F.Wentz
Commissioner

- -

CC - PRWUAssoc % E A Jacob; State Engr; USRS: USGS:
UP&L % E G Thorum: Utah Lake % David Gardner;
R J Murdock; I F Baum; Geneva Steel % W M Kearns.

Advance Sheet 22-44
Jun 30,1944

DEER CREEK RESERVOIR

Jun 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Chng	Cl A Bal	Deer Prjt Chng	Deer Prjt Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal	Provo City Chng To"T"	Provo City Bal
Fwd	5379.60	79.80	74194	-	-	-	-	-	-450	-	197	-	41419	-	3224	-	13584	-	1895
16	79.90	80.10	74687	+493	320	900	658	29	-479	-	197	+ 1008	42427	-	3224	-486	13098	-	1895
17	80.20	80.30	75018	+331	320	900	584	29	-509	+32	229	992	43419	-	3224	-664	12434	-	1895
18	80.40	80.50	75349	+331	320	900	579	29	-537	+38	267	1002	44421	-	3224	-680	11754	-	1895
19	80.60	80.70	75680	+331	320	890	566	29	-566	+24	291	1016	45437	-	3224	-680	11074	-	1895
20	80.75	80.80	75846	+166	320	890	584	29	-595	+20	311	1008	46445	-	3224	-833	10241	-	1895
21	80.85	80.95	76094	+248	320	890	520	29	-624	+13	324	1016	47461	-	3224	-752	9489	-	1895
22	81.00	81.00	76177	+83	320	890	444	29	-653	+13	337	1016	48477	-136	3088	-907	8582	10	1885
23	81.05	81.05	76261	+84	320	890	442	29	-682	-	337	1008	49485	-150	2938	-885	7697	10	1875
24	81.10	81.10	76345	+84	320	890	446	29	-711	-	337	1002	50487	-140	2798	-879	6818	10	1865
25	81.10	81.15	76429	+84	320	890	446	29	-740	-	337	1002	51489	-144	2654	-879	5939	10	1855
26	81.20	81.45	76933	+504	320	900	662	30	-770	-	337	1008	52497	-	2654	-474	5465	-	1855
27	81.60	81.70	77352	+419	320	900	600	30	-800	-	337	1050	53547	-	2654	-601	4864	-	1855
28	81.75	81.80	77520	+168	320	900	495	30	-830	-	337	1008	54555	-52	2602	-810	4054	-	1855
29	81.80	81.85	77604	+84	320	900	453	30	-860	-	337	1008	55563	-136	2466	-884	3170	10	1845
30	81.85	81.75	77436	-168	320	890	308	31	-891	-	337	1026	56589	-186	2280	-1153	2017	10	1835
	81.65																		
Loss Adj			77436	-	-	-	-	+891	00	-3	334	-513	56076	-37	2243	-137	1880	-23	1812

June 1944	"M" Canl	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn-sion	Salt Lake
16-30	2130	630	0	138	493	181	0	0	4	13973
Loss	26	8	-	1	6	2	-	-	-	172
Bal	2104	622	0	137	487	179	0	0	4	13801

TFW. Encl With 23-44

Advance Sheet 23-44
J Jun 30 1944

DEER CREEK RESERVOIR

Average Acre Feet	72233
Average Area Acres	1620
Evaporation Feet	0.55
Volume Acre Feet	891

Evaporation Loss June 1944

	Totals	Evap Loss	Cl A	Deer Prjt	UP&L	Utah Lake	Provo City	"M" Canl	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn-sion	Salt Lake
Aftdys	2166979	-13846	7607	1257764	91838	332464	56520	63900	18900	-	4140	14790	5430	-	-	120	419190
Loss	891	+891	3	513	37	137	23	26	8	0	1	6	2	0	0	-	172
June 30 Totals	77436	-89o	337	56589	2280	2017	1835	2130	630	0	138	493	181	0	0	4	13973
Adjusted Totals	77436	00	334	56076	2243	1880	1812	2104	622	0	137	487	179	0	0	4	13801

TFW. Encl 22-44; C8-44; 1E-44.

CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum; J H Steel; Geneva Steel % W M Kearns.

PROVO RIVER

Advance Sheet 24-44
Jly 3,1944

ASSIGNMENT

C O P Y (POstmark 7-1-44)

- -

METROPOLITAN WATER BOARD

....

PROVO, UTAH

June 8,1944

Mr. Frank Wentz
Water Commissioner
RFD., Orem,Provo, Utah

Dear Mr. Wentz:

We have sold 1,000 acre feet of Provo Metropolitan Water District storage water held over from 1943 in the Deer Creek Reservoir, to Provo Bench Canal and Irrigation Company, and this will be your authority to distribute said water to it during the season of 1944 upon its application to you.

Very trul yours

PROVO CITY METROPOLITAN
WATER DISTRICT

By I.G.Bench /s/
Assistant Secretary

CC/to
Bureau of Reclamation
Provo,Utah

Provo Bench Canal & Irrig. Co.

- -

CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum, J H Steel; Geneva Steel % W M Kearns.

PROVO RIVER

Advance Sheet 25-44
Jly 3,1944

ASSIGNMENT

C O P Y (Postmark 7-1-44)

METROPOLITAN WATER BOARD

::::::: :::::::: :::::::

PROVO, UTAH

June 8,1944

Mr. Frank Wentz
Water Commissioner
R.F.D., Orem, Provo, Utah

Dear Mr. Wentz

We have sold 920 acre feet of Provo Metropolitan Water District storage water held over from 1943 in the Deer Creek Reservoir, to Provo Reservoir Company and this will be your authority to distribute said water to it during the season of 1944 upon its application to you.

Very truly yours,

PROVO CITY METROPOLITAN
WATER DISTRICT

By I.G.Bench /s/
Assistant Secretary

CC/to
Bureau of Reclamation
Provo,Utah

Provo Reservoir Co.

CC - PRWUAssoc % E A Jacob; State Engr; USRS: USGS: UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum; J H Steel; Geneva Steel % W M Kearns.

Advance Sheet 26-44
Jly 10,1944

DEER CREEK RESERVOIR

July 1944 Day	Gage 800a	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Chng	Cl A Bal	Deer Prjt Chng	Deer Prjt Bal	"M" HRS	Canl Chng	Canl Bal
fwd	5381.85	81.75	77436	-	-	-	-	-	0	-	334	-	56076	-	-	2104
Assn 25-44												+			+920	3024
1	81.65	81.65	77268	-168	320	890	324	30	-30	-	334	964	57040	-	-	3024
2	81.65	81.85	77604	+336	320-190a			30	-60	-	334	946	57986	-	-	3024
3	81.95	82.10	78027	+423	190-145b			30	-90	-128	206	887	58873	-	-72	2952
4	82.20	82.40	78538	+511	144	430	272	30	-120	-	206	826	59699	-	-250	2702
5	82.50	82.60	78879	+341	144	430	256	30	-150	-	206	689	60388	-	-284	2418
6	82.70	82.74	79118	+239	144	430	257	30	-180	-	206	584	60972	+	-281	2137
7	82.70	82.77	79169	+51	144-150			30	-210	-	206	334	61306	52	-281	1908
8	82.60	82.60	78879	-290	152	430	254	30	-240	-	206	--	61306	52	-288	1672
9	82.60	82.49	78692	-187	150	430	257	30	-270	-	206	--	61306	138	-280	1530
10	82.45	82.42	78572	-120	150-130	390	255	30	-300	-	206	--	61306	130	-206	1454
Tot					a - 600a; b - 100p.							58571		372		
Aftdys			784746						-1650		2316		600182			22821

July 1944 Day	Provo City HRS	Provo City Chng	To "T"	Bal	Salt Lake To Steel Meter	Aft	Bal	UP&L (Power) Chng	Bal	Utah Lake Chng	Bal
fwd	--	-	60	1812	--	--	13801	--	2243	-	1880
24-44&25-44		-1920	-	-108							
1	-	-	12	-120	--	-	13801	-186	2057	-1090	790
2	-	-	12	-132	-	-	13801	-186	1871	-568	222
3	-	-	12	-144	160666	-	13801	-128	1743	-222	0
4	-	-	12	-156	161437	23	13778	-	1743	- - - - -	
5	-	-	12	-168	162275	22	13756	-	1743		
6	-	-	12	-180	163080	22	13734	-	1743		
7	10	-	12	-182	163936	22	13712	-	1743		
8	10	-	12	-184	164458	22	13690	-	1743		
9	20	-	12	-176	165153	23	13667	-	1743		
10	20	-	12	-168	165754	22	13645	-	1743		
Tot	60		180	-		156					
Aftdys				-1610			137385				1012

To "T" - Provo City to Tanners; HRS - Head River Storage Thru Deer Lake;
To Steel - Salt Lake Storage to Geneva Steel.

Superseded by 27-44

Advance Sheet 26-44
Jly 10,1944 2 Of 2

DEER CREEK RESERVOIR

July 1944	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn-sion
fwd	622	0	137	487	179	0	0	4
Assn 24-44	1000							
1-10	1622	0	137	487	179	0	0	4
Aftdys	16220	0	1370	4870	1790	0	0	40

- -

TFW. CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum;
Utah Lake % David Gardner; R J Murdock; I F Baum; Geneva Steel % R C Talbott.

Encl C9-44 & 2e-44.

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Superseded by 27-44

ADVANCE Sheet 27-44, supercedes 26-44 DEER CREEK RESERVOIR
Jly 10,1944. Mark 26-44 "Superceded by 27-44"

July 1944 Day	Gage 800a	End Day Gage	Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Chng	Cl A Bal	Deer Prjt Chng	Deer Prjt Bal	"M" Canal HRS	"M" Canal Chng	"M" Canal Bal
fwd	5381.85	81.75	77436	-	-	-	-	-	0	-	334	-	56076	-	-	2104
Assn 25-44												+			+920	3024
1	81.65	81.65	77268	-168	320	890	~~324~~ 339	30	-30	-	334	964	57040	-	-	3024
2	81.65	81.85	77604	+336	320-190a			30	-60	-	334	946	57986	-	-	3024
3	81.95	82.10	78027	+423	190-145b			30	-90	128	206	887	58873	-	-72	2952
4	82.20	82.40	78538	+511	144	430	~~274~~ 289	30	-120	-	206	826	59699	-	-255	2697
5	82.50	82.60	78879	+341	144	430	~~256~~ 271	30	-150	-	206	689	60388	-	-288	2409
6	82.70	82.74	79118	+239	144	430	~~257~~ 272	30	-180	-	206	584	60972	-	-285	2124
7	82.70	82.77	79169	+51	144-150			30	-210	-	206	334	61306	+52	-285	1891
8	82.60	82.61	78896	-273	152	430	~~262~~ 277	30	-240	-	206	--	61306	52	-275	1668
9	82.50	82.50	78709	-187	150	430	~~258~~ 273	30	-270	-	206	--	61306	138	-285	1521
10	82.45	82.44	78606	-103	150-130	390	~~264~~ 279	30	-300	-	206	--	61306	130	-193	1458
Tot			a-600a; b- 100p.									58571		372		
Aftdys			784814						-1650		2316		600182			22768

July 1944	Provo City HRS	Provo City Chng	"T"	Bal	Salt Lake To"S"	Salt Lake Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal
fwd	-	-	60	1812	-	13801	-	2243	-	1880
24-44&25-44		-1920		-108			-186			
1	-	-	12	-120	-	13801	~~-1090~~	2057	-1090	790
2	-	-	12	-132	-	13801	-186	1871	-568	222
3	-	-	12	-144	-	13801	-128	1743	-222	0
4	-	-	12	-156	18	13783	--	1743	----------	
5	-	-	12	-168	18	13765	-	1743		
6	-	-	12	-180	18	13747	-	1743		
7	10	-	12	-182	18	13729	-	1743		
8	10	-	12	-184	18	13711	-	1743		
9	20	-	12	-176	18	13693	-	1743		
10	20	-	12	-168	18	13675	-	1743		
Tot	60	-	180	-	126					
Aftdys				-1610		137506				1012

To "T" - Provo City to Tanners; HRS - Head River Storage thru Deer Lake;
To "S" - Salt Lake Storage to Geneva Steel.

Advance Sheet 27-44
Jly 10,1944

DEER CREEK RESERVOIR

July 1944	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Extn-sion
fwd	622	0	137	487	179	0	0	4
Assn 24-44	1000							
1-10	1622	0	137	487	179	0	0	4
Aftdys	16220	-	1370	4870	1790	-	-	40

- -

TFW. CC - PRWUAssoc % E A Jacob; I H Steel State Engr; USRS: USGS: UP&L % E G Thorum;
Utah Lake % David Gardner; R J Murdock; I F Baum; Geneva Steel % R C Talbott.

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WATER COMMISSIONER'S OFFICE
PROVO CITY, UTAH

Orem, Utah July 13,1944

Geneva Steel Company
% R C Talbott, Plant Engr.
Geneva, Utah.

Dear Sir:

Confirming conversation with Mr. Greenwood, I am correcting Advance Sheet 26-44 by 27044, on account of erroneous meter in the pumphouse.

We will, hereafter, use the outside meter which is direct connected to the pipe line, and which checks with the pumps and the meters at the plant.

Resp.

T.F.Wentz
Commissioner

CC - Metro Water District Salt Lake.

DEER CREEK RESERVOIR

Advance Sheet 28-44
Jly 10,1944

C O P Y

- -

WATER COMMISSIONER'S OFFICE

Orem,Utah July 13,1944

m Geneva Steel Company
% R.C.Talbott, Plant Engr.
Geneva, Utah

Dear Sir:

Confirming conversation with Mr. Greenwood, I am correcting Advance Sheet 26-44 by 27-44, on account of errorneous meter in the pumphouse.

We will, hereafter, use the outside meter which is direct connected to the pipe line, and which checks with the pumps and the meters at the plant.

Resp.

/s/ T.F.Wentz
T.F.Wentz
Commissioner

CC - Metro Water District Salt Lake.

- -

Encl. With 27-44

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DEER CREEK RESERVOIR

Advance Sheet 29-44
July 20,1944

RE- Request Storage

C O P Y

- -

Orem, Utah

July 14,1944

T.F.Wentz
Provo River Commissioner
Orem, Utah

Dear Sir:

Use of our Deer Creek Storage to supply George Stratton, through North Opening of Division Gates, for 45 acres; 63 acre duty June 22 - July 20, 28 days - 40 acre feet; and,,70 acre duty July 20 - Sept. 30, 72 days, -- 92 acre feet, total 132 acre feet.

And, deliver to our canal of our Deer Creek Storage, 10.08 second feet, begining July 20 and continueing until we phone you of change.

Resp.

PROVO BENCH CANAL & IRRIGATION CO.

By Ray V.Wentz /s/

President.

- -

CC - PRWUAssoc % E A Jacob; J H Steel; State Engr; USRS; USGS; UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum; Geneva Steel % R C Talbott.

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DEER CREEK RESERVOIR

Advance Sheet 30-44
Jly 20,1944

RE: Storage

C O P Y

- -

PROVO RESERVOIR WATER USERS COMPANY

Provo, Utah

July 17, 1944

T.F.Wentz
Commissioner Provo River
Orem,Utah

Dear Sir:

The Provo Bench Canal & Irrigation Company have arranged to maintain the flow of their canal, after July 20, to their stockholders at 112.64 percent, by the addition of 10.08 second feet on their storage water account.

We will have, during the season after July 20, available to the Provo Bench Canal, Blue Cliff and Ontario Tunnel water to supply the 10.08 second feet above noted.

We have arranged with the Provo Bench Canal & Irrigation Company to exchange this 10.08 second feet of Blue Cliff and Ontario Tunnel water for the same quantity of Deer Creek Reservoir storage credit.

You are hereby authorized and directed to deliver to the Provo Bench Canal & Irrigation Company, after July 20, of our Blue Cliff and Ontario Tunnel water, 10.08 second feet; and from day to day credit us with the same quantity of Provo Bench Canal & Irrigation Company Deer Creek Reservoir storage.

Very truly,

PROVO RESERVOIR WATER USERS COMPANY

By R.J.Murdock /s/

Secretary.

- -

CC - Encl With 29-44

94

DEER CREEK RESERVOIR

Advance Sheet 31-44
Jly 20,1944

RE; Provo City Storage To Tanners

C O P Y

- -

Provo July 16,1944

T.F.Wentz Water Com

Dear Sir:

There is an order with you from the Provo Bench Canal and Irrigation Co. to maintain the flow of the Provo Bench Canal between the dates July 20th & Sept.18th 1944 at 10.08 S.F. above the direct flow right of said Co. from Provo River; said 10.08 S.F. to be supplied from the storage water of said Co.

Please draw from the Tanner storage the proper ratio of storage to equalize the Tanner storage for its contracts with that of the corporation.

Respectfully

Esthma Tanner /s/
Caleb Tanner /s/

- -

CC - With 29-44

Advance Sheet 32-44 ~~1 of 2~~ DEER CREEK RESERVOIR
Jly 20,1944

July 1944 Day	Gage 800a	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Cl A Chng	Cl A Bal	"M" Canal HRS	"M" Canal Chg	"M" Canal Bal	Provo City HRS	Provo City To"T"	Provo City Bal
fwd	5382.45	82.44	78606	-	-	-	-	-	-300	-	206	372	-	1458	60	180	-168
11	82.45	82.39	78521	-85	130-132	375	~~265~~ 278	30	-330	-	206	120	163	1415	20	12	-160
12	82.40	82.34	78436	-85	132	375	~~261~~ 276	30	-360	-	206	122	167	1370	20	12	-152
13	82.35	82.28	78334	-102	132	375	~~273~~ 288	30	-390	-	206	100	162	1308	20	12	-144
14	82.30	82.21	78214	-120	132	375	~~267~~ 282	30	-420	-	206	76	160	1224	20	12	-136
15	82.20	82.12	78061	-153	132-140	380	~~262~~ 277	30	-450	-	206	72	156	1140	10	12	-138
16	82.10	82.02	77890	-171	140	395	~~270~~ 286	33	-483	-	206	72	160	1052	10	12	-140
17	82.00	81.89	77671	-219	140	400	~~260~~ 276	33	-516	-	206	50	186	916	10	12	-142
18	81.85	81.75	77436	-235	140	400	~~245~~ 262	34	-550	-	206	66	218	764	10	12	-144
19	81.70	81.62	77218	-218	140	400	~~255~~ 272	34	-584	-	206	62	196	630	10	12	-146
20	81.60	81.50	77017	-201	139	400	~~252~~ 269	34	-618	-	206	84	201	513	10	12	-148
Echo Storage Allot.												+4622		5135			
Exchange 4d-44												+1000		6135		+374	226

July 1944	Deer Prjt Chng	Deer Prjt Bal	Provo Bench Chng	Provo Bench Bal	Salt Lake Meter	Salt Lake To"S"	Salt Lake Bal	Highland Chng	Highland Bal	Extension Chng	Extension Bal
Fwd	-	61306	-	1622	196430	126	13675	-	0	-	4
11		61306	1	1621	7053	19	13656	-	0	-	4
12		61306	1	1620	7609	17	13639	-	0	-	4
13		61306	1	1619	8162	17	13622	-	0	-	4
14		61306	1	1618	8590	13	13609	-	0	-	4
15		61306	1	1617	9120	16	13593	-20	020	-	4
16	-	61306	2	1615	9620	15	13578	-31	051	-	4
17		61306	2	1613	200100	15	13563	-31	082	-	4
18		61306	2	1611	0550	14	13549	-31	113	-	4
19		61306	2	1609	1050	15	13534	-31	144	-	4
20		61306	2	1607	1540	15	13519	-31	175	-	4
	-4992	56314								+370	374
	-1000	55314	-	-	-	-	-	-	-	-374	0

Echo Storage Allot.
Exchange 4d-44, 500 aft to Washington Irr. Co and 500 Aft to South Kamas Irr. Co.

July 1944	UP&L	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy
Fwd	1743	137	487	179	0	0
11-20	1743	137	487	179	0	0

TFW.

Encl With 29-44

DEER CREEK RESERVOIR

Advance Sheet 33-44
Jly 28,1944

ASSIGNMENT

C O P Y

- -

PROVO BENCH CANAL & IRRIGATION COMPANY

Provo, Utah

July 27,1944.

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

Dear Sir:

You are hereby authorized and directed to charge to our account 20.16 acre feet daily for a period of sixty days, amounting to 1209.60 acre feet, from July 20th to September 18th, inclusive; and credit same to the account of Provo Reservoir Water Users Company.

Yours very truly,

PROVO BENCH CANAL & IRRIGATION CO.

Ray V.Wentz /s/

Ray V.Wentz
President

- -

CC - Incl With 34-44

DEER CREEK RESERVOIR

Advance Sheet 34-44
Jly 28,1944

RE: 29-44
30-44
33-44

Administration
--
Distribution
By
29-44
30-44
33-44

1. The Provo Bench Canal & Irrigation Company have 1431 acre feet of holdover Deer Creek Reservoir storage, and of 1944 storage said company have 1039 acre feet of Deer Creek Reservoir storage, a total of 2470 acre feet of storage storage in Deer Creek Reservoir.

2. The Provo Bench Canal & Irrigation Company desire to maintain the flow of their canal at 112.64 percent of their Class A right.

3. The Provo Reservoir Water Users Company have at the head of the Provo Bench Canal, and available for use in said canal, Class A water in excess of ten second feet, awarded in paragraph -35-, page -29-, Decree 2888 Civil.

4. For mutual advantages, the Provo Bench Canal & Irrigation Company is now useing the Class A water,as noted in paragraph 3 above, and has assigned an equal quantity of storage in the Deer Creek Reservoir to the Provo Reservoir Water Users Company.

5. Record is accordingly, day by day, under under the headings 34-44.

T.F.W.

- --

TFW.

CC - PRWUAssoc % R A Jacob; J H Steel; State Engr; USRS; USGS; UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum; Geneva Steel % R C Talbott.

Encl. 33-44.

Advance Sheet 35-44
Jly 31,1944

DEER CREEK RESERVOIR

July 1944 Day	Gage 800a	End Day Gage	Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Bal	Cl A Chng	Bal	"M" Canl HRS	34-44	Chng	Bal	Highland Chg	Bal	
fwd	5381.60	81.50	77017	-	-	-	-	-	-618	-	206	1196	-	-	6135	-	-175	
				218									+					
21	81.45	81.39	76832	-185	139-135	395	266	33	-651	-	206	96	20	197	6054	-31	-206	
22	81.35	81.26	76614	~~-201~~ 218	135	385	~~261~~ 253	33	-684	-	206	70	20	203	5941	-31	-237	
23	81.20	81.11	76362	-252	135	385	247	33	-717	-	206	46	20	214	5793	-31	-268	
24	81.05	80.96	76111	-251	135	385	249	33	-750	-	206	44	20	210	5647	-31	-299	
25	80.90	80.81	75863	-248	135	385	250	33	-783	-	206	45	20	203	5509	-31	-330	
26	80.75	80.66	75614	-249	135	385	249	32	-815	-	206	45	20	203	5371	-31	-361	
27	80.55	80.51	75365	-249a	135-140	385	247	32	-847	-	206	50	20	207	5234	-31	-392	
28	80.45	80.35	75100	-265	140-145			32	-879	-	206	72	20	245	5081	-31	-423	
29	80.25	80.15	74769	-331	145	405	233	32	-911	-	206	34	20	273	4862	-31	-454	
30	80.05	79.94	74423	-346	146	405	237	32	-943	-	206	22	20	265	4639	-31	-485	
31	79.80	79.72	74064	-359	145	405	238	32	-975	-	206	8	20	265	4402	-31	-516	a - 100p
	79.60											1728	220			516		
Evap Loss Adj.			74064	-	-	-	-	+975	00	-3	203	-	-	-37	4365	-	-516	
1944 Allot																+2604	2088	

July 1944	Deer Prjt Chng	Bal	Provo City HRS	To"T"	Bal	Provo Bench 34-44	29-44 To "S"	Bal	Salt Lake Meter 20	To"S"	Bal
fwd	-	55314	200	300	226	-	15	1607	1540	282	13519
			+	-							
21		55314	10	14	222	-20	-2	1585	2000	14	13505
22		55314	10	14	218	-20	-2	1563	2480	15	13490
23		55314	10	14	214	-20	-2	1541	2950	14	13476
24		55314	10	14	210	-20	-2	1519	3440	15	13461
25		55314	10	14	206	-20	-2	1497	4090	20	13441
26	-	55314	10	14	202	-20	-2	1475	4810	22	13419
27		55314	10	14	198	-20	-2	1453	5550	23	13396
28		55314	10	14	194	-20	-2	1431	6300	23	13373
29		55314	10	14	190	-20	-2	1409	7030	23	13350
30		55314	--	14	176	-20	-2	1387	7800	24	13326
31	-	55314	---	14	162	-20	-2	1365	8539	23	13303
			290	454		220	37			498	
	-735	54579	-		162	-20		1345		-170	13133
	-3643	50936				+1039		2384			

July 1944	UP&L	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Utah Lake	Extn sion
20-31								
	1743	137	487	179	0	0	0	0
Loss		2	6	2	-	-	-	-
Bal	1743	135	481	177	0	0	0	0

TFW. Encl With 36-44

Evap Loss Adj.
1944 Allot.

Advance Sheet 36-44
Jly 31,1944

DEER CREEK RESERVOIR

Average Acre Feet	77249
Average Area Acres	1680
Evaporation Feet	0.58
Volume Acre Feet	975

Evaporation Loss July 1944

	Totals	Evap Loss	Cl A	"M" Canl	High land	Deer Prjt	Provo City	Provo Bench	Salt Lake	Lehi	Orem	Amer fork	P.G. Lind	Dist Comy	Utah Lake	Extn sion
Aftdys	2394729	15306	6642	91633	-4556	1821696	-868	48595	420908	4247	15097	5549	--	--	1012	80
Loss	975	+975	3	37	--	735	--	20	170	2	6	2	--	--	--	--
July 31 Totals	74064	-975	206	4402	-516 2088	55314	162	1365	13303	137	487	179	0	0	0	0
Adjusted Totals	74064	00	203	4365	-516	54579	162	1345	13133	135	481	177	0	0	0	0

TFW. Encl 35-44

CC - PRWUAssoc % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum; J H Steel; Geneva Steel % R C Talbott.

44-44 August 14,1944

Mr. E.O.Larson, Engineer
Bureau of Reclamation
Provo, Utah

Dear Sir:

This is to advise you the the Provo Reservoir Water Users Company has made application for 5,500 acre feet of storage water from the Deer Creek Reservoir storage of 1944.

Time of use and size of stream required will be indicated by the company from time to time.

Yours very truly,

PROVO RIVER WATER USERS' ASSN.

By _____

E A Jacob
Secretary-Treasurer

Eaj:in

cc: Mr. T.F.Wentz
Provo River Commissioner
Orem, Utah

cc: Provo Reservoir Water Users Company
8 West Center
Provo, Utah

- -

45-44

August 15,1944

Mr. E.O.Larson
Regional Director
U.S.Bureau of Reclamation
Provo, Utah

Dear Sir:

This is to advise you that as of August 14,1944, the Metropolitan Water District of Lehi has ordered its 1943 supply of water in the Deer Creek Reservoir to be turned to Lehi City at the rate of .75 second foot. This is to be a net delivery to their point of diversion near Dry Creek after deducting all losses.

Yours very truly,

E A Jacob, Secretary

EAJ/lfc
cc to T.F.Wentz
cc to Met. Water Dist. of Lehi

- -

TFW.
CC - PRWUAssn % E A Jacob; State Engr; USRS: USGS: UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum, J H Steel, Geneva Steel % R C Talbott.

42-44 July 31,1944

Mr. E.O.Larson, Engineer
Bureau of Reclamation
Provo, Utah

Dear Sir:

This is to advise you to deliver to South Kamas Irrigation Company 240 acre feet of water allotted to this comapny by the Metropolitan Water District of Salt Lake City, under the terms of the resolution passed by the Board of Directors of the Association, July 14th, 1944.

The time of use and size of stream required will be indicated by the company from time to time.

Yours very truly,

PROVO RIVER WATER USERS' ASSN.

By _____

E.A.Jacob
Secretary- Treasurer

EAJ:in

- -

43-44

July 31,1944

E.O.Larson, Engineer
Bureau of Reclamation
Provo, Utah

Dear Sir:

This is to advise you to deliver to Washington Irrigation Company 240 acre feet of water allotted to this company by the Metropolitan Water District of Salt Lake City, under the terms of the resolution passed by the Board of Directors of the Association July 14th, 1944.

The time of use and the size of stream required will be indicated by the company from time to time.

Yours very truly,

PROVO RIVER WATER USERS' ASSN.

By _____

E.A.Jacob
Secretary-Treasurer

EAJ:in

- -

40-44

July 21,1944

Mr. E.O.Larson, Engineer
Bureau of Reclamation
Provo,Utah

Dear Sir:

This is to advise ~~you~~ that the Highland Conservation District desires to draw 2,604 acre feet of water from the 1944 storage in the Deer Creek Reservoir, under terms of the resolution adopted by the Directors of the Association at a meeting held July 14th, 1944.

The District is at present drawing 15.5 second feet of water from storage carried over from 1943. They desire the 15.5 second feet maintained after the 1943 storage is exhausted, until further notice.

Yours very truly,
PROVO RIVER WATER USERS ASSN.
By _____
E.A.Jacob
Secretary-Treasurer

EAJ:in

cc: Mr. T.F.Wentz
Provo River Commissioner
Orem,Utah

cc: Highland Conservation District
cc: c/o O.C.Day, Secretary
Rfd 1, Box 88
American Fork, Utah.

- -

41-44 July 25,1944

Mr. E.O.Larson, Engineer
Bureau of Reclamation
Provo, Utah

Dear Sir:

This is to advise that the Provo Bench Canal and Irrigation Company desires to draw 1,039 acre feet of water from the 1944 storage in the Deer Creek Reservoir under terms of the resolution adopted by the Directors of the Association at a meeting held July 14th, 1944.

The rate of draft will be designated from time to time as required by the company.

Yours very truly,

PROVO RIVER WATER USERS ASSOCIATION

By _____

E. A. Jacob
Secretary-Treasurer

EAJ:in

cc: T.F.Wentz
Provo River Commissioner
Orem, Utah

cc: Provo Bench Canal and Irrigation Company
c/o Ray V.Wentz
R.D. 2
Orem,Utah

- -

DEER CREEK RESERVOIR

Advance Sheets
Aug. 19,1944

C O P Y

- -

38-44

July 19,1944

Mr.E.O.Larson, Engineer
Burea Of Reclamation
Provo,Utah

Subject: Memorandum of Telephone Conversation between A.V.Watkins and E.O.Larson

Dear Mr. Larson:

Confirming telephone conversation between A.V. Watkins, Counsel and yourself, it is our understanding that during your absence from the city for the next week, copies of requests to you for distribution of water will be sent to Mr. T.F.Wentz, Provo River Commissioner, who will honor them until your return.

Yours very truly

PROVO RIVER WATER USRRS ASSN.

By _____

E.A.Jacob
Secretary-Treasurer

Eaj:in

- -

39-44 July 19,1944

Mr. E.O.Larson, Engineer
Bureau of Reclamation
Provo,Utah

Dear Mr. Larson:

This is to advise you that as of July 17th, 1944, the following stockholders of this Association have requested the quantities of water set opposite each name delivered to them this year, and they will pay to the Association the amount of $1.00 per acre foot as per resolution adopted at a meeting of the Directors held July 14th,1944.

NAME	Acre Feet	Amount
South Kamas Irrigation Company	260	$260.00
Washington Irrigation Company	260	$260.00
Metropolitan Water District of Salt Lake	480	$480.00

Thank you.

Yours very truly
PROVO RIVER WATER USERS ASSN.

BY _____
E A Jacob
Secretary-Treasurer

EAJ:in
CC; Mr.T.FWentz,Water Comm
South Kamas Irrigation Company
Washington Irrigation Company
Metropolitan Water District of Salt Lake

Advance Sheet 37-44 1 Of 2

Aug 15,1944

DEER CREEK RESERVOIR

Aug 1944 Day	Gage 800a	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Class A Chng	Class A Bal	"M" Canl HRS	"M" Canl 34-44	"M" Canl Chng	"M" Canl Bal	Highland Chng	Highland Bal
fwd	5379.80	79.72	74064	-	-	-	-	-	00	-	203	1728	220	-	4365	516	2088
1	79.60	79.48	73671	-393	145	405	221	32	-32	-22	181	8	20	280	4113	31	2057
2	79.35	79.24	73279	-392	145	405	221	32	-64	-22	159	8	20	280	3861	31	2026
3	79.10	79.00	72887	-392	145	405	225	32	-96	-20	139	-	20	272	3609	31	1995
4	78.90	78.76	72499	-388	145-140			32	-128	-17	122		20	271	3358	31	1964
5	78.70	78.52	72112	-387	140	390	212	32	-160	-19	103		20	269	3109	31	1933
6	78.45	78.28	71724	-388	141	390	212	30	-190	-27	76	-	20	264	2865	31	1902
7	78.20	78.04	71337	-387	141	390	212	30	-220	-30	46		20	259	2626	31	1871
8	78.00	77.81	70968	-369	141	380	212	30	-250	-2	44		20	270	2376	31	1840
9	77.75	77.58	70601	-367	142	380	212	30	-280	-1	43		20	268	2128	31	1809
10	77.55	77.35	70233	-368	142	380	212	30	-310	+3	46		20	273	1875	31	1778
11	77.30	77.14	69898	-335	143	380	213	28	-338	+2	48	31	20	273	1653	31	1747
12	77.10	76.96	69611	-287	143	380	210	28	-366	-1	47	80	20	272	1481	31	1716
13	76.90	76.79	69342	-269	144	380	210	28	-394	-6	41	90	20	270	1321	31	1685
14	76.75	76.62	69074	-268	144	380	210	28	-422	+5	46	90	20	280	1151	31	1654
15	76.55	76.45	68805	-269	144-140a			28	-450	+3	49	90	20	278	983	31	1623
Tot								450				2125	520			981	
1944 Allot														5500	6483		

38-44 to 45-44 in other file

Advance Sheet 37-44 <u>2 Of 2</u> DEER CREEK RESERVOIR
Aug 15,1944

Aug 1944	Deer Prjt		Provo City			Provo Bench			Salt Lake		
	Chng	Bal	HRS	To "T"	Bal	34-44	29-44	Bal	Meter	To"S"	Bal
fwd	-	50936	290	454	162	220	37	2384	20 8539	498	13133
1	-	50936	-	12	150	20	2	2362	9250	22	13111
2		50936		12	138	20	2	2340	9940	21	13090
3		50936		12	126	20	2	2318	210690	23	13067
4		50936		12	114	20	2	2296	1450	23	13044
5		50936		12	102	20	2	2274	2170	22	13022
6	-	50936		12	90	20	2	2252	2900	22	13000
7		50936		12	78	20	2	2230	3630	23	12977
8		50936		12	66	20	2	2208	4360	22	12955
9		50936		12	54	20	2	2186	5100	23	12932
10		50936		12	42	20	2	2164	5840	23	12909
11	-	50936		12	30	20	2	2142	6570	22	12887
12		50936		10	20	20	2	2120	7300	23	12864
13		50936	10	10	20	20	2	2098	8020	22	12842
14		50936	10	10	20	20	2	2076	8750	22	12820
15		50936	10	10	20	20	2	2054	9490	23	12797
Tot			320	626		520	67			834	
Allot	-5500	45436									

a - 1015a;
HRS - Head Provo River Storage;
34-44 - Assigned Provo Bench to "M" Canal
29-44 - Provo Bench to George Stratton;
To "T" - Provo City to Tanners.
To "S" - Salt Lake to Geneva Steel.

Aug 1944	UP&L	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy
1-15	1743	135	481	177	0	0

TFW. CC - State Engr; PRWUAssoc % E A Jacob; USRS; USGS; UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum; J H Steel; Geneva Steel % R C Talbott.

DEER CREEK RESERVOIR

Advance Sheet 46-44
Aug 28,1944

C O P Y

- -

PROVO BENCH CANAL & IRRIGATION COMPANY

Provo, Utah

August 23,1944

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

Dear Sir:

Please increase our stream of water 15.12 second feet, commencing to-day and continuing until further orders.

Draw this water from our storage water in the Deer Creek Reservoir.

Yours very truly

PROVO BENCH CANAL & IRRIGATION CO.

By Ray V Wentz /s/
President

RVW:pf

- -

CC - State Engr; PRWUAssn% E A Jacob;USRS: USGS: UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum; J H Steel; Geneva Steel % R C Talbott.

DEER CREEK RESERVOIR

Advance Sheet 47-44
Aug 28,1944

C O P Y

- -

PROVO BENCH CANAL & IRRIGATION COMPANY

Provo, Utah

August 23,1944

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

Dear Sir:

Kindly turn 1.656 second feet of water daily from our Deer Creek storage water to the Tanner interest in Provo Bench, and continue each day until ordered otherwise.

Yours very truly,

PROVO BENCH CANAL & IRRIGATION CO.

By Ray V Wentz /s/
President

RVW:pf

- -

CC Incl With 46-44

DEER CREEK RESERVOIR

Advance Sheet 47-44 - 2
Aug 11,1944

C O P Y

- -

Provo Utah Aug 9 1944

T.F.Wentz
Water Commissioner: Would you modify our request of July 16 1944 so as to fit with the more recent schedule of delivery required by the Provo Bench Canal and irrigation Company so that our units of distribution of water will be the same as that for the share units of the company.

To hold until Sept 18 1944 unless terminated earlier. by the company.

Esthma Tanner /s/
Caleb Tanner /s/

08

DEER CREEK RESERVOIR

PROVO RIVER

Advance Sheet 48-44
Aug 31,1944

Provo City, directs, by telephone August 23,1944, and by personal visit August 24,1944, as follows:-

> You are hereby instructed to stop the delivery of storage water of Provo City held in the Deer Creek Reservoir for the use of Tanner.
>
> You are also instructed to supply the Tanner water requirement from the direct flow rights of Provo City. The volume of water required by Tanner is to be turned into the Provo Bench Canal for his use.
>
> Letter confirming this order will be mailed you.

- -

T F W.

CC - With 47-44

Advance Sheet 49-44 1 Of 2

Aug 31,1944

DEER CREEK RESERVOIR

Aug 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Class"A"* Chng	Class"A"* Bal	"M" Canal HRS	"M" Canal 34-44	"M" Canal Chng	"M" Canal Bal	Highland Chng	Highland Bal
fwd	5376.55	76.45	68805	-	-	-	-	-	-450	-	49	2125	520	-	6483	981	1623
16	76.35	76.28	68536	-269	140	375	202	22	-472	-26	23	90	20	255	6338	31	1592
17	76.20	76.09	68236	-300	140-144			22	-494	-51	-28	90	20	259	6189	31	1561
18	76.00	75.90	67938	-298	144	375	187	22	-516	-46	-74	90	20	264	6035	31	1530
19	75.75	75.71	67640	-298	145	375	187	22	-538	-42	-116	90	20	267	5878	31	1499
20	75.60	75.52	67344	-296	145-138			22	-560	-37	-153	90	20	271	5717	31	1468
21	75.40	75.34	67062	-282	138	365	192	22	-582	-24	-177	76	20	256	5557	31	1437
22	75.25	75.16	66781	-281	139-144a			22	-604	-21	-198	75	20	257	5395	31	1406
23	75.10	74.98	66500	-281	144	370	199	22	-626	-10	-208	78	20	267	5226	31	1375
24	74.90	74.80	66222	-278	144	370	197	22	-648	-13	-221	90	20	270	5066	31	1344
25	74.70	74.60	65912	-310	144-150			22	-670	-22	-243	90	20	273	4903	31	1313
26	74.50	74.40	65603	-309	150	380	189	20	-690	-16	-259	93	20	276	4740	31	1282
27	74.30	74.20	65293	-310	151	380	192	20	-710	-9	-268	87	20	277	4570	31	1251
28	74.10	73.99	64968	-325	151	380	189	20	-730	-11	-279	77	20	282	4385	31	1220
29	73.85	73.77	64632	-336	152	380	190	20	-750	-7	-286	63	20	282	4186	31	1189
30	73.60	73.52	64250	-382	151	380	199	20	-770	+9	-277	-	20	281	3925	31	1158
31	73.40	73.27	63868	-382	152	380	199	20	-790	+9	-268	-	20	282	3663	31	1127
Tot												3304	840			1477	
Loss Adj			63868	-	-	-	-	+790	00	-	-268	-	-	-44	3619	-19	1108

Advance Sheet 49-44 2 Of 2 DEER CREEK RESERVOIR
Aug 31,1944

Aug 1944 Day	Deer Prjt Chng	Deer Prjt Bal	Lehi Chng	Lehi Bal	Provo City HRS	Provo City To"T"	Provo City Bal	Provo Bench 34-44	Provo Bench 29-44	Provo Bench 46-44	Provo Bench 47-44	Provo Bench Bal	Salt Lake Meter	Salt Lake To"S"	Salt Lake Bal
													21		
fwd	-	45436	-	135	320	626	20	520	67	-	-	2054	9490	834	12797
													22		
16		45436	-1	134	10	10	20	20	2	-	-	2032	0220	22	12775
17		45436	-2	132	10	10	20	20	2			2010	0950	23	12752
18		45436	-1	131	10	10	20	20	2			1988	1670	22	12730
19		45436	-2	129	10	10	20	20	2			1966	2390	22	12708
20		45436	-1	128	10	10	20	20	2			1944	3090	22	12686
21	-	45436	-2	126	10	10	20	20	2	-	-	1922	3790	21	12665
22		45436	-1	125	10	10	20	20	2			1900	4500	22	12643
23		45436	-2	123	4	10	14	20	2			1878	5100	19	12624
24		45436	-1	122	-	10	4	20	2			1856	5720	19	12605
25		45436	-2	120	-	3	1	20	2	20	2	1812	6460	23	12582
26	-	45436	-1	119	-	-	1	20	2	30	3	1757	7200	23	12559
27		45436	-2	117			1	20	2	30	4	1701	7920	22	12537
28		45436	-1	116			1	20	2	30	3	1646	8640	22	12515
29		45436	-2	114			1	20	2	30	3	1591	9370	22	12493
30		45436	-1	113			1	20	2	30	4	1535	230100	22	12471
31	-	45436	-2	111			1	20	2	30	3	1480	0800	21	12450
Tot					394	719		840	99	200	22			1181	
Loss	-548	44888	-2	109	-1		0				-23	1457		-146	12304

Aug 1944 16-31	UP&L	Orem	Amer-fork	P.G. Lind	Dist Comy
16-31	1743	481	177	0	0
Loss Adj	-	-5	-2	-	-
Bal	1743	476	175	0	0

TFW. Encl with 50-44

Advance Sheet 50-44
Aug 31,1944

DEER CREEK RESERVOIR

Average Acre Feet	68607
Average Area Acres	1580
Evaporation Feet	0.50
Volume Acre Feet	790

Evaporation Loss August 1944

	Totals	Evap Loss	Cl A	"M" Canl	High land	Deer Prjt	Lehi	Provo City	Provo Bench	Salt Lake	Orem	Amer fork	P.G. Lind	Dist Comy
Aftdys	2126826	-13850	-1842	118282	49352	1491016	3985	1235	62138	396112	14911	5487	-	-
Loss	790		-	44	19	548	2	1	23	146	5	2	0	0
Aug 31 Totals	63868	-790	-268	3663	1127	45436	111	1	1480	12450	481	177	0	0
Adjusted Totals	63868	00	-268	3619	1108	44888	109	0	1457	12304	476	175	0	0

TFW. Encl 49-44

CC - PRWUAssn % E A Jacob; State Engr; USRS: USGS: UP&L % E G Thorum; Utah Lake % David Gardner; R J MURDOCK: I F BAUM: J H STEEL: GENEVA STEEL % R C TALBOTT.

DEER CREEK RESERVOIR

Advance Sheet 51-44
Sept 5, 1944

C O P Y

- -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Post Office Box 1167
Salt Lake City, Utah
September 2, 1944

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

Dear Mr. Wentz:

This is to confirm my verbal authorization to you to deliver 10,143 acre feet of 1944 Deer Creek storage water to the Provo River Water Users Association. It is my understanding that the Association has directed you to deliver this water in the amounts below indicated to the following stockholders:

Metropolitan Water District of Salt Lake City .	480 a.-ft
South Kamas Irrigation Company.	260 a.-ft
Washington Irrigation Company	260 a.-ft
Highland Conservation District	2604 a.-ft
Provo Bench Canal and Irrigation Company . . .	1039 a.-ft
Provo Reservoir Water Users Company	5500 a.-ft
Total	10143 a.-ft

Very truly yours

E.O.Larson /s/

Construction Engineer.

CC- E.A.Jacob,Secretary-Treasurer
Provo River Water Users Association
Provo, Utah

- -

CC To same List as 50-44

DEER CREEK RESERVOIR

Advance Sheet 52-44
Sep 5, 1944

C O P Y

- -

September 2, 1944

Mr. E.O.Larson, Engineer
Bureau of Reclamation
Provo, Utah

Dear Sir:

This is to advise you that the Metropolitan Water District of Orem has ordered, as of this date, the following water to be delivered to the Provo Bench Canal & Irrigation Company:

1943 storage - 400 acre feet - no charge
1944 storage - 750 acre feet - at $1.00 per acre foot.

Total - 1,150 acre feet

The 1944 storage of 750 acre feet is to be drawn under terms of the resolution adopted by the directors of this Association at a meeting held July 14,1944.

The Provo Bench Canal & Irrigation Compant will give orders to the Provo River Commissioner from time to time as to the size of stream it desires to deliver the above water.

Yours very truly

E.A.Jacob,Secretary

EAJ/lfc
cc: T.F.Wentz, Provo Bench Canal & Irrig. Co.,
Metropolitan Water District of Orem.

- -

CC To same list as 50-44

DEER CREEK RESERVOIR

Advance Sheet 53-44
Sep 7, 1944

C O P Y

- -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Post Office Box 1167
Salt Lake City,Utah
September 6,1944

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

Dear Mr. Wentz:

The Provo River Water Users Association has ordered, as of Sept 2, the delivery of 750 acre feet of 1944 Deer Creek Reservoir storage water for the use of the Metropolitan Water District of Orem.

This is your authorization to make delivery of this water as requested.

Very truly yours

Reed Jarman /s/

Acting Construction Engineer

CC - E.A.Jacob
Provo Bench Canal and Irrigation Co.
Metropolitan Water District of Orem.

- -

CC - Same List as 50-44

DEER CREEK RESERVOIR

Advance Sheet 54-44
Sep 9,1944

C O P Y

- -

September 8,1944

Mr. E.O.Larson, Engineer
U.S.Bureau of Reclamation
Federal Building
Salt Lake City,Utah

Dear Mr. Larson:

This is to advise you that the Provo Reservoir Water Users Company has this day ordered an additional 2500 acre feet of 1944 storage water from the Deer Creek Reservoir to be delivered under the terms of the resolution adopted by the Board of Directors of this Association at a meeting held July 14,1944.

The Company will notify the Provo River Commissioner from time to time as to the size of stream it desires to deliver the above water.

Yours very truly,

E.A.Jacob, Secretary

EAJ/lfc
CC: T.F.Wentz, Provo Reservoir Water Users Company.

Enc.

- -

CC - Same List as 50-44

DEER CREEK RESERVOIR

Advance Sheet 55-44
Sep 10,1944

N O T I C E

Neils Anderson, Supt. Provo Bench Canal,
to-day, orders, delivery of Deer Creek
Storage to stop Sept. 18,1944.

TFW.

- -

CC - Same List as 50-44

C - Neils Anderson, Provo Bench Canal & Irr. Co % L J Salsibury,
A.G.Keetch; Stanley Harris.

DEER CREEK RESERVOIR

Advance Sheet 56-44
Sep 14,1944

C O P Y

- -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
Salt Lake City 10, Utah
Post Office Box 1167
September 12,1944

Mr. T.F.Wentz
Orem,Utah

Dear Mr. Wentz:

Reference is made to the letter from the Provo River Water Users Association to this office Dated September 8, 1944, requesting that an additional 2,500 acre-feet of the 1944 Deer Creek Reservoir storage water be delivered to the Provo River Water Users Company.

You are hereby authorized to deliver to the Provo Reservoir Water users Company, at such times and in such amounts as desired by the Company during this season, up to the 2,500 acre-feet requested by the Association.

Very truly yours

E.O.Larson /s/

Construction Engineer

CC - Elmer Jacob, Secretary
Provo River Water User's Ann'n
Provo,Utah

- -

CC - Incl With 57-44

DEER CREEK RESERVOIR

Advance Sheet 57-44
Sep 16,1944

C O P Y

- -

PROVO RIVER WATER USERS ASSOCIATION

Provo, Utah

::::: ::::::::

September 14, 1944

Mr. T.F.Wentz
Provo River Commissioner
R F D 2
Orem, Utah

Dear Sir:

This is to advise you that the Highland Conservation District drawing its water throught the Provo Reservoir Canal desires to have its Deer Creek storage cut off at the head of the canal at 100;00 P.M. September 19, 1944.

Yours very truly,

E.A.Jacob /s/

E.A.Jacob, Secretary

EAJ/fc
CC: Highland Conservation District
R.J.Murdock

- -

Advance Sheet 58-44 1 of 2

Sep 18,1944

DEER CREEK RESERVOIR

Sep 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	Class "A" Chng	Class "A" Bal	"M" Canal 34-44	"M" Canal Chng	"M" Canal Bal	Highland Chng	Highland Bal
fwd	5373.40	73.27	63868	-	-	-	-	-	00	-	-268	840	-	3619	-	1108
1	73.15	73.01	63470	-398	152-157a	380	190	18	-18	-14	-282	20	280	3359	31	1077
2	72.90	72.76	63092	-378	157-145			18	-36	-16	-298	20	255	3124	31	1046
3	72.65	72.53	62744	-348	144-147			18	-54	-15	-313	20	226	2918	31	1015
4	72.40	72.29	62382	-362	147	365	193	18	-72	-15	-328	20	239	2699	31	984
5	72.20	72.05	62018	-364	147	365	192	18	-90	-4	-332	20	251	2468	31	953
6	71.95	71.81	61659	-359	147	365	194	18	-108	-5	-337	20	247	2241	31	922
7	71.75	71.57	61300	-359	147	365	194	18	-126	-9	-346	20	244	2017	31	891
8	71.50	71.33	60941	-359	147	365	194	18	-144	-10	-356	20	240	1797	31	860
9	71.25	71.09	60583	-358	147	365	195	18	-162	-12	-368	20	239	1578	31	829
10	71.00	70.86	60241	-342	147	360	198	18	-180	-2	-370	20	232	1366	31	798
11	70.80	70.63	59901	-340	147	360	199	18	-198	+5	-365	20	237	1149	31	767
12	70.55	70.40	59561	-340	146	360	199	18	-216	+6	-359	20	238	931	31	736
13	70.30	70.17	59222	-339	145	360	199	18	-234	+11	-348	20	243	708	31	705
14	70.10	69.94	58882	-340	145	360	199	18	-252	+9	-339	20	240	488	31	674
15	69.85	69.71	58546	-336	145	360	201	18	-270	+17	-322	20	246	262	31	643
16	69.60	69.48	58210	-336	145	360	201	18	-288	+17	-305	20	246	36	31	612
17	69.35	69.25	57874	-336	145	360	201	18	-306	+11	-294	20	239	-183	31	581
18	69.20	69.03	57552	-322	145-135			18	-324	+4	-290	7	242	-418	31	550
Tot												1187				
54-44 Alloc													+2500	2082		

a - 1100p

Advance Sheet 58-44 Sep 18,1944

DEER CREEK RESERVOIR

Sep 1944 Day	Deer Prjt Chng	Deer Prjt Bal	Lehi Chng	Lehi Bal	Provo Bench 54-44	Provo Bench 29-44	Provo Bench 46-44	Provo Bench 47-44	Provo Bench Bal	Salt Lake Meter	Salt Lake To"S"	Salt Lake Bal	Orem Chng	Orem Bal	Amer-fork Bal
										23					
fwd	-	44888	-	109	840	99	200	22	1457	0800	1181	12304	-	476	175
52-44	-750	44138					+1150		2607				-400	76	
1	-	44138	-1	108	20	2	30	3	2552	1417	19	12285	-	76	175
2		44138	-2	106	20	2	30	4	2496	2064	20	12265		76	175
3	-	44138	-1	105	20	2	30	3	2441	2782	22	12243		76	175
4	-	44138	-2	103	20	2	30	3	2386	3500	22	12221		76	175
5	-	44138	-1	102	20	2	30	4	2330	4260	23	12198		76	175
6	-	44138	-2	100	20	2	30	3	2275	4934	21	12177	-	76	175
7	-	44138	-1	99	20	2	30	3	2220	5630	21	12156		76	175
8	-	44138	-2	97	20	2	30	4	2164	6359	22	12134		76	175
9	-	44138	-1	96	20	2	30	3	2109	7080	22	12112		76	175
10	-	44138	-2	94	20	2	30	3	2054	7791	22	12090		76	175
11	-	44138	-1	93	20	2	30	4	1998	8500	22	12068	-	76	175
12	-	44138	-2	91	20	2	30	3	1943	9216	22	12046		76	175
13	-	44138	-1	90	20	2	30	3	1888	9927	22	12024		76	175
14	-	44138	-2	88	20	2	30	4	1832	240650	22	12002		76	175
15	-	44138	-1	87	20	2	30	3	1777	1358	22	11980		76	175
16	-	44138	-2	85	20	2	30	3	1722	2061	22	11959	-	76	175
17	-	44138	-1	84	20	2	30	4	1666	2770	22	11937		76	175
18	-	44138	-2	82	7	1	10	1	1647	3448	21	11916		76	175
Tot					1187	134	720	80			1569				
54-44 Alloc	-2500	41638													

1-16: UP&L - 1743; P.G.Lind - 0; Dist Comy - 0; Provo City - 0.

TFW. CC - PRWUAssn % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum; UTAH LAKE % DAVID GARDNER: R J MURDOCK: I F BAUM: J H STEELE: GENEVA STEEL % R C TALBOTT.

Encl 56-44 & 57-44.

DEER CREEK RESERVOIR

Advance Sheet 59-44
Sep 22,1944

C O P Y

- -

PROVO CITY CORPORATION

Engineering Department

Thomas H.Latimer Jr.
City Engineer

Phone 1251

Provo, Utah

August 24, 1944

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

Dear Sir:

This is to confirm verbal instructions as of this date. Stopping delivery of Provo City's storage water in the Deer Creek Reservoir to Mrs. Esthma Tanner at midnight,August 24, 1944. Delivering to Mrs. Esthma Tanner from the direct flow rights of Provo City in the Provo, a flow not to exceed five(5) second feet and not to exceed a total volume for the year 1944 as set out in the contract between Provo City and Esthma Tanner of October 22, 1940.

The flow yet due is about 272 acre feet.

Will you please send me an itemized statement of delivery of this exchange water, Provo City to Esthma Tanner, for 1944.

Yours very truly,

Thomas H.Latimer Jr. /s/
Thomas H.Latimer Jr.
City Engineer

THL/RA

Orig. T.F.Wentz
CCC. E Tanner
C.C. Mayor Harding
C.C. B.D.Palfreyman
C.C. File (2)

(This letter received September 22,1944, Envelope Postmarked "Provo, Utah Sep 21, 830AM 1944")(Env attached to Orig)

- -

Encl With 60-44

DEER CREEK RESERVOIR

Advance Sheet 60-44
Sep 28,1944

C O P Y

- -

September 25,1944 (Postmark 9-27-44)

Mr. E.O.Larson
U S Bureau of Reclamation
Federal Building
Salt Lake City, Utah

Dear Sir:

This is to advise you that the Utah Lake Distributing Company has this day ordered the following quantity of water to be delivered to the Provo Reservoir Water Users Company and charged to its account under the terms of the resolution adopted by the board of directors of this association at a meeting held July 14,1944.

1200 acre feet of 1944 storage water in the Deer Creek Reservoir.

The Utah Lake Distributing Company will give orders to the Provo River Commissioner from time to time as to the size of stream it desires to deliver the above water.

Yours very truly

E.A.Jacob, Secretary

EAJ/lfc
cc to T.F.Wentz; Utah Lake Distributing Co., c/o R.J.Murdock; Provo Reservoir Water Users Co., c/o R.J.Murdock

- -

Encl With 61-44

DEER CREEK RESERVOIR

Advance Sheets
Sep 29,1944.

Encl With 64-44

COPIES

- -

61-44

UNITED STATES
Department Of The Interior
Bureau Of Reclamation
Post Office Box 1167
Salt Lake City 1o, Utah
September 28,1944

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

Dear Mr. Wentz:

Reference is made to the letter from the Provo River Water users Association dated September 25,1944, to this office, requesting that an additional 1200 acre feet of 1944 Deer Creek Reservoir storage water be delivered to the Utah Lake Distributing Company.

You are hereby authorized to deliver to the Utah Lake Distributing Company,at such time and in such amounts as you may be directed by that company, up to the 1200 acre-feet, requested by the Association.

Very trul yours,

CC - Elmer Jacobs, Provo, Utah.
- Provo Reservoir Water Users Company
- Utah Lake Distributing Company

E.O.Larson /s/
E.O.Larson
Construction Engineer

- -

62-44

UTAH LAKE DISTRIBUTING COMPANY
Provo, Utah
September 28,1944

Mr. T.F.Wentz
Provo River Commissioner
R F D 2
Orem, Utah

Dear Mr. Wentz:

You are hereby authorized and directed to deliver 1200 acre feet of Deer Creek storage water to the Provo Reservoir Water Users Company, as they may direct.

Yours very truly,

UTAH LAKE DISTRIBUTING COMPANY

R J Murdock /s/
R J Murdock
Secretary

RJM:PF

- -

63-44

PROVO RESERVOIR WATER USERS COMPANY
Provo, Utah
September 28,1944

Mr. T.F.Wentz
Provo River Commissioner
R F D 2,
Orem, Utah

Dear Mr. Wentz:

We are enclosing to you herewith a letter from the Utah Lake Distributing Company, directing that you turn to this Company 1200 acre feet of Deer Creek storage water.

Yours Very truly,
PROVO RESERVOIR WATER USERS CO.
R.J.Murdock /s/
R.J.Murdock
Secretary

RJM:PF

- -

Advance Sheet 64-44 1 Of 2 DEER CREEK RESERVOIR
Sep 30,1944

Sep 1944 Day	Gage 800a	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss	Loss Bal	Class A Chng	Class A Bal	"T" Canal Chng	"T" Canal Bal	Salt Lake Meter 24	Salt Lake To"S"	Salt Lake Bal
fwd	5369.20	69.03	57552	-	-	-	-	-	-324	-	-290	-	2082	3448	1569	11916
19	68.90	68.83	57263	-289	135-125		-	16	-340	-5	-295	-236	1846	4146	21	11895
20	68.70	68.65	57002	-261	125	306	184	16	-356	-5	-300	-216	1630	4865	22	11873
21	68.55	68.47	56743	-259	124	304	182	16	-372	-6	-306	-214	1416	5573	22	11851
22	68.35	68.29	56483	-260	124	302	180	16	-388	-12	-318	-208	1208	6281	22	11829
23	68.15	68.11	56222	-261	124	300	178	16	-404	-16	-334	-206	1002	6986	22	11807
24	68.00	68.93	55963	-259	124	300	178	16	-420	-13	-347	-207	795	7684	21	11786
25	67.85	67.75	55706	-257	124	300	180	16	-436	-11	-358	-207	588	8383	22	11764
26	67.65	67.57	55449	-257	124	300	180	15	-451	-8	-366	-211	377	9081	21	11743
27	67.50	67.39	55191	-258	124	300	179	15	-466	-13	-379	-207	170	9781	22	11721
28	67.30	67.21	54933	-258	124	300	179	15	-481	-12	-391	-208	-38	250478	21	11700
29	67.15	67.03	54676	-257	123	300	178	15	-496	-17	-408	-203	-241	1170	21	11679
30	66.95	66.85	54421	-255	124	300	180	15	-511	-4	-412	-213	-454	1856	21	11658
Tot															1827	
Loss Adj			54421		-	-	-	+511	00	-	-412	-10	-464		-103	11555
60-44 Alloc												+1200	736			

Sep 1944 Day	Deer Prjt Chng	Deer Prjt Bal	Highland Chng	Highland Bal	Lehi Chng	Lehi Bal	Provo Bench Bal	Orem Bal	Amer-fork Bal
fwd	-	41638	-	550	-	82	1647	76	175
19	-	41638	-10	540	-1	81	1647	76	175
20		41638	-	540	-2	79			
21	-	41638		540	-1	78	1647	76	175
22		41638		540	-2	76			
23		41638		540	-1	75			
24		41638		540	-2	73			
25		41638		540	-1	72			
26	-	41638		540	-2	70	1647	76	175
27		41638		540	-1	69			
28		41638		540	-2	67			
29		41638		540	-1	66			
30		41638		540	-2	64	1647	76	175
Adj							-16	-1	-2
Loss	-372	41266	-6	534	-1	63	1631	75	173
60-44	-1200	40066							

19-30: UP&L - 1743; P G & Lind - 0; Dist Comy - 0; Provo City - 0.

TFW: CC - PRWUAssn % E A Jacob; State Engr; USRS; USGS; UP&L % E G Thorum: UTAH LAKE % DAVID GARDNER: R J Murdock; I F Baum; J H Steel; Geneva Stee % R C Talbott.

Encl 59-44,60-44,61-44;62-44; 63-44 & 65-44.

Advance Sheet 65-44
Sep 30,1944

DEER CREEK RESERVOIR

Average Acre Feet 58608
Average Area Acres 1460
Evaporation Feet 0.35
Volume Acre Feet 511

Evaporation Loss September 1944

	Totals	Evap Loss	Cl A	"M" Canl	Salt Lake	Deer Prjt	High land	Lehi	Provo Bench	Orem	Amer fork	P.G. Lind	Dist Comy	Provo City
Aftdys	1758230	-8199	-10166	34839	359119	1294140	21123	2580	57264	2280	5250	0	0	0
Loss	511	-	-	10	103	372	6	1	16	1	2	-	-	-
Sep 30 Totals	54421	-511	-412	-454	11658	41638	540	64	1647	76	175	0	0	0
Adjusted Totals	54421	00	-412	-464	11555	41266	534	63	1631	75	173	0	0	0

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TFW.
Encl With 64-44

DEER CREEK RESERVOIR

Advance Sheet 66-44
Oct 6,1944

C O P Y

- -

October 5, 1944

Mr. E.O.Larson
Regional Director
U.S.Bureau of Reclamation
Federal Building
Salt Lake City, Utah

Dear Mr. Larson:

Please allocate to the Metropolitan Water District of Salt Lake City 1520 acre feet of water from the 1944 storage in Deer Creek Reservoir, under the terms of the resolution adopted by the Directors of the Association July 14,1944.

The Metropolitan Water District will indicate the disposition of this water in the future.

Yours very truly

E. A. Jacob, Secretary

Eaj/lfc

CC: Met. Water District of Salt Lake City
T.F.Wentz, Provo River Commissioner

- -

Encl With 67-44

DEER CREEK RESERVOIR

Advance Sheet 67-44
Oct 9,1944

C O P Y

- -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
Post Office Box 1167
Salt Lake City 10, Utah
October 6, 1944

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

Dear Mr. Wentz:

Reference is made to the letter from the Provo River Water Users Association dated October 5, 1944 to this office, requesting 1520 acre-feet of water from the 1933 storage in Deer Creek Reservoir be delivered to the Metropolitan Water District of Salt Lake City.

You are hereby authorized to deliver this water to the Metropolitan Water District at such time and in such amounts as they may direct up to the 1520 acre-feet ordered by the association.

Very truly yours

E.O.Larson /s/
E.O.Larson
Construction Engineer

cc-E.A.Jacob,Sec'y
Provo River Water Users Asso.
Met. Water District,Salt Lake City.

- -c

(Line 3, par 1, "the 1944 storage in")

- -

TFW.
Encl With 68-44

65

DEER CREEK RESERVOIR

Advance Sheet 68-44
Oct 14,1944

C O P Y

- -

October 13,1944

Mr. E.O.Larson, Regional Director
U.S.Bureau of Reclamation
Federal Building
Salt Lake City, Utah

Dear Sir:

This is to advise ~~you~~ that the Utah Lake Distributing Company has assigned to the Provo Reservoir Water Users Company 6400 acre feet of its water available from 1944 storage in the Deer Creek reservoir.

Please allocate to the Provo Reservoir Water Users Company 6400 acre feet of water from the 1944 storage in the Deer Creek Reservoir under the terms of the resolution adopted by the directors of this Association July 14,1944.

The Provo Reservoir Water Users Company will indicate from time to time the disposition of this water for its future use.

Yours very truly,

E.A.Jacob, Secretary

EAJ/lfc
CC: To T.F.Wentz,Provo River Commissioner;
Provo Reservoir Water Users Company;
Utah Lake Distributing Company.

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Encl With 69-44

Advance Sheet 69-44
Oct 15,1944

DEER CREEK RESERVOIR

Oct 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss	Loss Bal	Class A Chng	Class A Bal	"M" Canal Chng	"M" Canal Bal	Lehi Chng	Lehi Bal	Salt Lake Meter	Salt Lake To"S"	Salt Lake Bal
fwd	5366.95	66.85	54421	-	-	-	-	-	00	-	-412	-	736	-	63	251856	1827	11555
66-44 Alloc																	+1520	13075
1	66.80	66.75	54280	-141	124-95			9	-9	+59	-353	-169	567	-1	62	2539	21	13054
2	66.75	66.70	54209	-71	95-80	237	207	9	-18	+33	-320	-80	487	-2	60	2964a	13	13041
3	66.70	66.67	54166	-43	80-75	225	208	9	-27	+23	-297	-56	431	-1	59	-	-	13041
4	66.65	66.64	54124	-42	75-70	215	199	9	-36	+24	-273	-55	376	-2	57			13041
5	66.60	66.62	54095	-29	70-65	205	195	9	-45	+29	-244	-48	328	-1	56			13041
6	66.60	66.60	54067	-28	64	205	195	9	-54	+37	-207	-54	274	-2	54			13041
7	66.60	66.58	54039	-28	64	200	190	9	-63	+36	-171	-54	220	-1	53			13041
8	66.55	66.56	54011	-28	64-59	195	186	9	-72	+35	-136	-52	168	-2	51			13041
9	66.55	66.54	53782	-29	58	195	185	9	-81	+33	-103	-52	116	-1	50			13041
10	66.55	66.53	53968	-14	58	195	192	9	-90	+33	-70	-36	80	-2	48			13041
11	66.50	66.52	53954	-14	57	195	192	9	-99	+34	-36	-38	42	-1	47			13041
12	66.50	66.51	53940	-14	57-60b	~~195~~	~~192~~	9	-108	+33	-3	-36	6	-2	45			13041
13	66.50	66.48	53898	-42	61	200	184	9	-117	+6	3	-38	-32	-1	44			13041
14	66.45	66.45	53855	-43	60	200	184	9	-126	+6	9	-38	-70	-2	42			13041
15	66.45	66.42	53812	-43	60	200	184	9	-135	+5	14	-38	-108	-1	41			13041
	66.40				60													
Tot	.																1861	
68-44 Alloc												+6400	6292					

b -- 57-52 at 800a; 52-60 at 100p. a - 300p

Oct 1944	UP&L	Orem	Amer fork	P.G. Lind	Dist Comy	Provo City	Provo Bench	High land	Deer Prjt
Fwd	1743	75	173	0	0	0	1631	534	40066
66-44 Alloc									-1520
1-15	1743	75	173	0	0	0	1631	534	38546
68-44 Alloc									- 6400
									32146

TFW. CC - PRWUAssn % E A Jacob; State Engr; USRS. USGS; UP&L % E G Thorum; Utah Lake % David Gardner; R J Murdock; I F Baum; J H Steele; Geneva Steel % R C Talbott.

DEER CREEK RESERVOIR

Advance Sheet 70-44
Oct 19,1944

C O P Y

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Post Office Box 1167
Salt Lake City 10, Utah
October 17, 1944

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

Dear Mr. Wentz:

Reference is made to the letter from the Provo River Waters Users' Association dated October 13,1944, to this office regarding the allocation of 6400 acre-feet of 1944 storage in the Deer Creek Reservoir.

This will authorize you to make delivery of this water at such time and in such amounts as you may be directed up to 6400 acre-feet requested by the Association.

Very Truly yours,

CC-E.A.Jacob,Provo River Water
Users' Assoc., Provo,Utah
-Provo Reservoir Water Users Co.
-Utah Lake Distributing Co.

(E O Larson)

Regional Director, 4

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Encl with 71-44

Advance Sheet 71-44
Oct 31,1944

DEER CREEK RESERVOIR

Oct 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	"L" Canl Chng	"L" Canl Bal	Lehi Chng	Lehi Bal	Utah Lake Chng	Utah Lake Bal	UP&L Chng	UP&L Bal
fwd	5366.45	66.42	53812	-	-	-	-	-	-135	-	6292	-	41	-	-	-	1743
16	66.40	66.40	53784	-28	60	200	190	9	-144	-38	6254	-2	39	+21	21	+21	1764
17	66.40	66.38	53756	-28	60	200	190	9	-153	-36	6218	-1	38	+18	39	+18	1782
18	66.35	66.36	53728	-28	60	200	190	9	-162	-36	6182	-2	36	+19	58	+19	1801
19	66.35	66.34	53699	-29	60	200	190	9	-171	-36	6146	-1	35	+17	75	+17	1818
20	66.35	66.33	53685	-14	60	200	197	9	-180	-36	6110	-2	33	+33	108	+33	1851
21	66.35	66.32	53671	-14	60	200	197	8	-188	-36	6074	-1	32	+31	139	+31	1882
22	66.35	66.31	53657	-14	60-65			8	-196	-36	6038	-2	30	+32	171	+32	1914
23	66.30	66.30	53643	-14	65	~~210~~	~~200~~	8	-204	-38	6000	-1	29	+33	204	+33	1947
24	66.30	66.28	53615	-28	65	210	200	8	-212	-37	5963	-2	27	+19	223	+19	1966
25	66.25	66.25	53571	-44	65-70	220	196	8	-220	-37	5926	-1	26	+2	225	+2	1968
26	66.20	66.20	53501	-70	71	225	194	8	-228	-37	5889	-2	24	-23	202	-23	1945
27	66.15	66.15	53430	-71	71	230	200	8	-236	-37	5852	-1	23	-25	177	-25	1920
28	66.10	66.10	53360	-70	71	230	200	8	-244	-37	5815	-2	21	-23	154	-23	1897
29	66.05	66.05	53289	-71	70	230	200	8	-252	-37	5778	-1	20	-25	129	-25	1872
30	66.00	66.00	53218	-71	70	230	200	8	-260	-37	5741	-2	18	-24	105	-24	1848
31	66.00	66.05	53289	+71	70	235	~~265~~ 275	8	-268	---	5741	-1	17	+80	185	+80	1928
	66.10°				70												
Loss Adj			53289		-	-	-	+268	00	-16	5725	--	17	--	185	--	1928

°= 1.4" Rain

Oct 1944	Cl A	Orem	Amer fork	P.G. Lind	Dist Comy	Provo City	Provo Bench	High land	Deer Prjt	Salt Lake
16-31	14	75	173	0	0	0	1631	534	32146	13041
Loss	--	--	--	-	-	-	8	3	176	65
Bal	14	75	173	0	0	0	1623	531	31970	12976

TFW. CC- PRWUAssn % E A Jacob; State Engr;USRS: USGS: UP&L % E G THORUM: UTAH LAKE % DAVID GARDNER:
R.J. MURDOCK: I F BAUM: J H STEELE: GENEVA STEEL % R C TALBOTT.

Advance Sheet 72-44
Oct 31,1944

DEER CREEK RESERVOIR

Average Acre Feet 53784
Average Area Acres 1410
Evaporation Feet 0.19
Volume Acre Feet 268

Evaporation Loss October 1944

	Totals	Evap Loss	"M" Canl	Lehi	Utah Lake	UP&L	Cl A	Amer fork	P.G. Lind	Dist Comy	Provo City	Provo Bench	High land	Deer Prjt	Salt Lake	Orem
Aftdys	1667296	-4398	98612	1217	2215	2215	-1963	5363	-	-	-	50561	16554	1092526	404284	2325
Loss	268	-	16	-	-	-	-	-	-	-	-	8	3	176	65	-
Oct 31 Totals	53289	-268	5741	17	185	1928	14	173	0	0	0	1631	534	32146	13041	75
Adjusted Totals	53289	00	5725	17	185	1928	14	173	0	0	0	1623	531	31970	12976	75

TFW
Encl With 71-44

Advance Sheet 73-44 DEER CREEK RESERVOIR
Nov 9,1944

C O P Y

- -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Post Office Box 1167
Salt Lake City 10, Utah
November 8,1944

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

Dear Mr. Wentz:

The Provo River Water Users' Association has notified us of its desire to turn back to the United States unused 1944 storage water which was purchased by the Association for the Highland Conservation District.

The storage balance remaining to the credit of the Conservation District as of November 1,1944, was 531 acre-feet. You are hereby instructed to transfer this amount to the United States.

Very truly yours,

E.O.Larson /s/
E.O.Larson
Construction Engineer

CC-E.A.Jacob,Secretary
Provo River Water Users Assoc.
cc- Highland Conservation District
American Fork-Highland,Utah

- -

Encl With 74-44

Advance Sheet 74-44
Nov 15,1944

DEER CREEK RESERVOIR

Nov 1944 Day	Gage 800a	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Loss	Evap Loss Bal	"M" Canl° Chng	"M" Canl° Bal	Lehi Chng	Lehi Bal	Utah Lake Chng	Utah Lake Bal	UP&L Chng	UP&L Bal
Fwd	5366.00	66.05	53289		-	-	-	-	00	-	5725	-	17	-	185	-	1928
1	66.10	66.10	53360	+71	70	235	273	4	-4	-	5725	-2	15	+77	262	+77	2005
2	66.10	66.07	53318	-42	70	230	211	4	-8	-37	5688	-1	14	--	262	--	2005
3	66.05	66.05	53289	-29	70	225	213	4	-12	-37	5651	-2	12	+14	276	+14	2019
4	66.05	66.07	53318	+29	69	225	241	4	-16	-16	5635	-1	11	+50	326	+50	2069
5	66.10	66.10	53360	+42	68	225	248	4	-20	-2	5633	-2	9	+50	376	+50	2119
6	66.10	66.10	53360	--	68	225	227	4	-24	-37	5596	-1	8	+42	418	+42	2161
7	66.10	66.10	53360	--	68	240	242	4	-28	-18	5578	-2	6	+24	442	+24	2185
8	66.10	66.10	53360	--	68	225	227	4	-32	-37	5541	-1	5	+42	484	+42	2227
9	66.10	66.10	53360	--	68	223	225	4	-36	-37	5504	-2	3	+43	527	+43	2270
10	66.10	66.13	53402	+42	67	223	246	4	-40	-9	5495	-1	2	+56	583	+56	2326
11	66.15	66.16	53445	+43	66	225	248	4	-44	-3	5492	-2	0	+52	635	+52	2378
12	66.20	66.20	53501	+56	66	227	257	4	-48	--	5492	-	-	+60	695	+60	2438
13	66.20	66.24	53558	+57	67	227	257	4	-52	--	5492	-	-	+61	756	+61	2499
14	66.25	66.28	53615	+57	67	227	257	4	-56	--	5492	-	-	+61	817	+61	2560
15	66.30	66.32	53671	+56	67	227	257	4	-60	--	5492	-	-	+60	877	+60	2620
	66.35				67												

Nov 1944	Cl A Bal	Orem Bal	Amer-fork Bal	P.G. Lind Bal	Dist Comy Bal	Provo City Bal	Provo Bench Bal	Highland Chng	Highland Bal	Deer Prjt Chng	Deer Prjt Bal	Salt Lake Bal
fwd	14	75	173	0	0	0	1623	-	531	-	31970	12976
73-44 Trans								-531	0	+531	32501	
1-15	14	75	173	0	0	0	1623	-	0	-	32501	12976

TFW. CC - PRWUASSN % E A JACOB: STATE ENGR: USRS: USGS: UP&L % E G THORUM: UTAH LAKE % DAVID GARDNER:
R.J.MURDOCK: I.F.BAUM: J H STEELE: GENEVA STEEL % R C TALBOTT.

C R 1944 PRECIPITATION

1943 x 1944

HEBER El 5593	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Prec	2.59	0.16	1.20	1.96	0.73	2.31	2.62	0.94	2.38	0.21	0.03	0.16
Normal	1.41	1.41	1.52	2.03	1.92	1.96	1.47	1.39	0.66	0.80	1.10	1.08
Depart	+1.18	-1.25	-.32	-.07	-1.19	+.35	+1.15	-.45	+1.72	-.59	-1.07	-.92
Percent	184	13	79	97	38	118	178	68	361	26	3	15
Tot Prec	2.59	2.75	3.95	5.91	6.64	8.95	11.57	12.51	14.89	15.10	15.13	15.29
Tot Norm	1.41	2.82	4.34	6.37	8.29	10.25	11.72	13.11	13.77	14.57	15.67	16.75
Accum	+1.18	-.07	-.39	-.46	-1.65	-1.30	-.15	-.60	+1.12	+.53	-,54	-1.46
Percent	184	98	91	93	80	87	99	95	108	114	97	91

PROVO CITY El 4517	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Prec	2.31	0.18	1.54	2.19	0.88	1.90	4.02	2.11	1.96	0.11	T	0.05
Normal	1.48	1.32	1.41	1.65	1.64	1.71	1.56	1.68	0.68	0.59	0.98	1.09
Depart	+.83	-1.14	+.13	+.54	-.76	+.19	+2.46	+.43	+1.28	-.48	-.98	-1.04
Percent	156	14	92	133	54	90	257	126	288	19	0	5
Tot Prec	2.31	2.49	4.03	6.22	7.10	9.00	13.02	15.13	17.09	17.20	17.20	17.25
Tot Norm	1.48	2.80	4.21	5.86	7.50	9.21	10.77	12.45	13.13	13.72	14.70	15.79
Accum.	+.83	-.31	-.18	+.36	-.40	-.21	+2.25	+2.68	+3.96	+3.48	+2.50	+1.46
Percent	156	89	96	106	95	98	121	122	130	126	117	109

SALT LAKE CITY El 4260	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Prec	2.61	0.07	0.80	1.53	1.16	2.90	4.86	1.70	3.31	0.06	T	0.47
Normal	1.44	1.35	1.43	1.31	1.51	1.98	2.05	1.92	0.80	0.51	0.85	0.98
Depart	+1.17	-1.28	-.63	+.22	-.35	+.92	+2.81	-.22	+2.51	-.45	-.85	-.51
Percent	181	5	56	117	77	146	237	89	414	12	0	48
Tot Prec	2.61	2.68	3.48	5.01	6.17	9.07	13.93	15.63	18.94	19.00	19.00	19.47
Tot Norm	1.44	2.79	4.22	5.53	7.04	9.02	11.07	12.99	13.79	14.30	15.15	16.13
Accum	+1.17	-.11	-.74	-.52	-.87	+.05	+2.86	+2.64	+5.15	+4.70	+5.85	+3.34
Percent	181	96	83	91	87	101	126	120	137	133	125	121

PARK CITY El 7100	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Prec	3.39	0.27	0.59	1.83	0.87	4.14	2.57	1.01	3.20	T	T	0.13
Normal	1.33	1.70	2.20	2.91	2.78	2.94	1.87	1.21	0.70	1.25	1.52	1.22
Depart	+2.06	-1.43	-1.61	-1.08	-1.91	+1.20	+.70	-.20	+2.50	-1.25	-1.52	-1.09
Percent	255	16	27	63	31	141	137	84	457	0	0	11
Tot Prec	3.39	3.66	4.25	6.08	6.95	11.09	13.66	14.67	17.87	17.87	17.87	18.00
Tot Norm	1.33	3.03	5.23	8.14	10.92	13.86	15.73	16.94	17.64	18.89	20.41	21.63
Accum	+2.06	+.63	-.98	-2.06	-3.97	-2.77	-2.07	-2.27	+.23	-1.02	-2.54	-3.63
Percent	255	121	81	75	64	80	87	87	101	95	88	83

SNAKE CREEK El 5950	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Prec	3.56	0.45	1.68	2.57	1.77	4.47	3.30	1.51	2.69	0.29	T	0.36
Normal	1.62	1.99	2.68	3.27	3.07	3.04	2.09	1.63	0.74	1.06	1.43	1.44
Depart	+1.94	-1.54	-1.00	-.70	-1.30	+1.43	+1.21	-.12	+1.95	-.77	-1.43	-1.08
Percent	220	23	63	79	58	147	158	93	364	27	0	25
Tot Prec	3.56	4.01	5.69	8.26	10.03	14.50	17.80	19.31	22.00	22.29	22.29	22.65
Tot Norm	1.62	3.61	6.29	9.56	12.63	15.67	17.76	19.39	20.13	21.19	22.62	24.06
Accum	+1.94	+.40	-.60	-1.30	-2.60	-1.17	+.04	-.08	+1.87	+1.10	-.33	-1.41
Percent	220	111	91	86	79	93	100	100	109	105	99	94

AVERAGE	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Prec	2.89	0.23	1.16	2.02	1.08	3.14	3.47	1.45	2.71	0.13	T	0.23
Normal	1.46	1.55	1.85	2.23	2.18	2.33	1.81	1.57	0.71	0.84	1.18	1.16
Depart	+1.43	-1.32	-.69	-.21	-1.10	+.81	+1.66	-.12	+2.00	-.71	-1.18	-.93
Percent	198	15	63	91	50	135	192	92	382	15	0	20
Tot Prec	2.89	3.12	4.28	6.30	7.38	10.52	13.99	15.44	18.15	18.28	18.28	18.51
Tot Norm	1.46	3.01	4.86	7.09	9.27	11.60	13.41	14.98	15.69	16.53	17.71	18.87
Accum	+1.43	+.11	-.58	-.79	-1.89	-1.08	+.58	+.46	+2.46	+1.75	+.57	-.36
Percent	198	104	88	89	79	90	104	103	116	111	103	98

- -

CFW. CC U S Weather Bureau, E G Thorum, I F Baum, J H Steele, T H Latimer, Lee Christensen, Olmstead Plant.

C R 1944

WATER SUPPLY
March 31,1944

Precipitation Six Months Oct 1- March 31.

Station	1944	1943	1934	Normal	1944 % Norm
Heber City	8.95	9.93	6.57	10.25	87
Provo City	9.00	6.74	4.75	9.21	98
Salt L Cty	9.07	8.37	6.03	9.08	101
Park City	11.09	11.92	7.71	13.86	80
Snake Crek	14.50	18.17	10.47	15.67	93
Average	10.52	11.03	7.11	11.60	91
% Normal	90	95	61		

Percent Normal And Altitude

Station	Alt	%Normal
Provo River:		
Provo City	4517	98
Daniels	8000	65
Long Lk	10300	58
Weber River:		
Ogden	4400	103
Smith-M	7600	89
Red Mine	8750	78
Spanish Fk River:		
Sp Fork	4711	115
Straw Edg	8000	59

Brown Well Charleston		Carlile Well Heber City		Utah Lake			Straw Lake		Deer Lake	
Yr	Ft To Water	Yr	Ft To Water	Yr	Gage	Aft	Yr	Aft	Yr	Aft
44	18.55	44	57.23	44	-4.66	440,200	44	62705	44	24664
43	18.22	43	55.60	43	-4.88	422,860	43	49934	43	12310
42	17.78	42	56.84	42	-4.95	417,500	42	47000	42	3919
35	20.3	41	62.32	35	-9.00	139,800	36	15060	41	2300
34	18.8	40	59.8	34	-7.62	224,700	35	12660		

	Head Daniels 8000		East Portal 7560		Straw Ridge 8000		Soap Stone 7800		Trial Lake 9800		Long Lake 10300	
Year	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat
44	45.1	14.1	38.7	10.9	62.0	18.0	32.6	8.8	79.7	21.7	80.3	25.2
43	50.8	18.2	42.4	14.1	68.0	23.24	55.2	19.2	101.9	36.6	107.7	40.4
42		13.4		11.84		18.13		11.7		23.9		28.2
41		11.1		10.3		16.9		8.7		18.5		19.8
34		3.5		1.7		8.0		2.5		16.4		18.4
Normal		21.5		17.7		30.4		15.2		36.3		43.1
44 % Norml		65		62		59		58		60		58

	Smith-° Morehouse 7600		Redden°° Mines 8750	
Yr	Snow	Wat	Snow	Wat
44	42.0	13.2	59.9	19.1
43	48.9	17.8	66.8	25.1
42		14.5		20.9
41		9.5		15.3
38		14.1		21.2
Normal		14.9		24.4
44 % Norl		89		78

Year	%Norm Prec	%Norm Snow		Acre Feet
44	91	60	75	
43	95	99	97	181,099
42	109	67	88	163,183
41	91	50	70	147,239
40	77	53	65	93,363
39	95	55	75	108,055
38	109	75	92	189,021
37	99	82	90	185,933
36	105	103	104	198,688
35	78	63	70	128,800
34	61	35	48	41,060

° Weber River 15 M Above Oakley
°° " " 5 M NE Kamas.

%Norm Prec. -Heber, Provo, Salt Lake, Park City, Snake Creek.
% Norm Snow - Daniels, Soapstone, Trial, Long.
Acre Feet - Provo River Utah Valley, April - Sept.

TFW 4-7-44

C R 1944

ONTARIO TUNNEL 1944

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

Date 1944	Cfs	Month Mean	Date 1944	Cfs	Month Mean
Jly 2	10.0		Aug 5	12.25	
5	13.9		13	11.75	
13	13.2		18	11.75	
20	11.75		28	7.80	10.89
30	11.25	12.14			
			Sep 14	6.60	6.60
				Mean	9.87

Mean flow Ontario Tunnel July, August and September, 1944, at Weir under bridge at Hailstone, 9.87 cfs, and plus 1.00 cfs used by George Fisher above weir is total 10.87 cfs, and delivered as follows:

Midway Irrigation Company, in own right . . . . . 5.50 cfs

Daly Mining Company, Leased to George Fisher . . . . . 1.00 "
Daly Mining Company, Leased to Midway Irrigation Co . . 1.68 "

Utah Power & Ligh Company, in own right, used thru Olmstead Plant for generation of Power; and thereafter used for irrigation by Provo Reservoir Water Users Company, under lease from Utah Power & Light Co . 2.69 "

Total . . . . . 10.87 "

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

cc - Utah Power & Light Co % E G Thorum
Daly Mining Co % P H Hunt
Midway Irrigation Co % Grace Sonderegger
Provo Reservoir Water Users Co
I F Baum.

C R 1944

OUTLINE DISTRIBUTION PROVO DIVISION 1944

	May 10-Jun 20	Jun 20-Jly 20	Jly 20-Sep 1	Sep 1-May 10
West Union Canal Co and Smith & Carter Ditches	33.47	30.29	27.23	27.14
P&N and B&Y	2.74	2.49	2.18	1.96
Timpanogus Canal Co . . .	14.12	12.83	11.29	11.29
U E Union and Faucett Field	15.16	13.73	12.31	12.19
ERBWCo and City Creek . . .	10.00	9.20	8.20	7.77
Provo City excl Waterwoks	63.08	59.59	56.28	53.42
Little Dry Creek Ir. Co.	8.43	7.67	6.75	6.75
Fort Field Upper Canal (1/2)	3.59	3.19	2.87	2.30
Lake Bottom Canal	15.93	14.17	12.75	10.20
Spring Creek Users . . .	7.20	6.55	5.71	5.14
Provo Bench Canal see attacjed sheet.				
Provo Reservoir Canal:				
Blue Cliff Right	8.44	12.13	15.64	15.64 "A"
Wright Estate Springs and River water less 0.6 not to exceed	1.20	1.20	1.20	1.20
Round Valley Creek, not to exceed		3.12	3.12	3.12
Storage, Tunnel, and other Classes as shown	. . .	. . .	. . .	. . .

- -

Provo City and Orem City Waterworks as shown.

- -

Provo City includes 26 acre water right of Provo Brick & Tile Co, under the distributing system of Provo City.

Provo City storage and exchanges on Lost Creek and Bridal Veil Falls as shown.

Provo City storage and exchanges with Tanners as shown.

The above are net quantities, as of 100% awarded rights, losses and inflows are as noted from time to time.

- -

TFW. 5-31-44.

"A", Sept 18 to end season, to go thru North Union and three Provo Res Co Laterals, see note in memo.

C.R. 1944

OUTLINE DISTRIBUTION PROVO BENCH CANAL 1944

	May 10-Jun 20	Jun 20-Jly 20	Jly 20-May 10
a. One share equals	.05	.04525	.04074
b. PBC&ICo, Par 6, Decreed, 1520.4 shares	76.01	68.77	61.89
c. Caleb Tanner, Deed, Par 30, 5 shares	0.25	0.25	0.25
d. Caleb Tanner, Deed, 28 shares	1.24	1.24	1.24
e. Provo Res Co., Deed, 250 shares	12.50	11.31	10.18
f. J.D.Dixon, Deed, 31 shares	1.55	1.40	1.26
g. Provo Res. Co, Deed, 120 shares	6.00	5.43	4.89
h. Total issued stock 1954.4 shares	97.55	88.40	79.71
i. Provo Res Co, no certificate 160.4 P B Shares	8.02	7.26	6.53
j. Tanners, no certificate			
91 Provo Bench Shares	4.55	4.12	3.71
170 North Union Shares	4.50	4.07	3.67
Deeds: 28.25 P.B.Shares	1.41	1.28	1.15
9.0 N U Shares	0.24	0.22	0.19
k. Total as shares	116.27	105.35	94.96
THRU NORTH OPENING:			
l. Provo Res Co, 613 acres, Duty 57,63,70;	10.75	9.73	8.76 "A"
m. Tanners 26.67 acres, Duty 57,63,70;	0.47	0.42	0.38
n. George Stratton 45 acres, Duty 63,70; (Storage water, see storage notes)	----	0.71	0.64
o. Total	11.22	10.86	9.78
p. Class G	10.00	10.00	10.00

Number of shares in i and j furnished by L.J.Salisbury.
Acres in m furnished by R J Murdock.

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

July 20 - Aug 24, Storage to K, 12.06 cfs;- PBC&ICo 10.08, Tanners 1.10, Provo Res Co 0.83, (112.64%)
North Opening:- PRCo 1.1, Tanner 0.05, Stratton 0.08, =1.23

Aug 25 - Sep 17, Storage to K, 30.03 cfs,- PBC&ICO 25.20; Tanners 2.76; Provo Res Co 2.07.
North Opening:- 2.97 cfs;, PRCo 2.65, Tanner 0.12, Stratton 0.2. (112% of 100%)

- -

Additional above shown of Provo Res Co is of its Blue Cliff and Ontario Tunnel rights. And note exchange, storage notes of Provo Bench Canal & Irr. Co with the Provo Res Co.
Also note: Provo Bench C & I Co aimed to maintain flow of canal at the May 10- Jun 20 stage, to September 18th.

C R 1944 COPY

WATER COMMISSIONER OFFICE
PROVO RIVER

October 12,1944

Provo Bench C & I Co % L J Salisbury
Provo Reservoir Water Users Company.
North Union Irr. Co % D B Thorne
Tanners % Caleb Tanner
George Stratton

Dear Sirs:

The number of shares you each respectively flowed in the Provo Bench Canal, and the percentage of the total quantity, during the season of 1944 is as follows:

Name	P Bench Shares	N Union Shares	Acres N Open.	Equal to P Bench Shares	Per Cent
Provo Bench C & I Co	1954.4	-	-	1954.4	76.1
Provo Reservoir WUCo	160.4	-		160.4	
			613	215	
				375.4	14.6
Tanners	91	-	-	91	
		170	-	90	
			26.67	9.4	
				190.4	7.4
Tanner Deeds	28.25	-	-	28.25	
		9	-	4.75	
				33.	1.3
George Stratton	-	-	45	15.8	0.6
Totals				2569	100

(1= 2.85 ac; 1 = 1.89 N U)

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

Resp.

T.F.Wentz /s/
T.F.Wentz
Commissiojer

CC - Each of the five addressed.

C R 1944

OUTLINE DISTRIBUTION CITY CREEK

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

Less 6.00 of Earl Foote by stock = 73.70

And on 73.70 as follows:

May 10-Jun 20, Dutxy57, 1.29 cfs A
Jun 20-Jly 20, " 63, 1.17 " B
Jly 20-May 10, " 70, 1.05 " C

- -

Name	May 10-Jun 20	Jun 20-Jly 20	Jly 20-Sep 1	Sep 1-May 10
ERBWCO	7.96	7.35	6.56	6.17
A B & C	1.29	1.17	1.05	1.05
Fred Dusterberg	.327	.298	.262	.243
George BoyceEstate	.300	.281	.246	.229
Jane E Smith	.110	.100	.087	.079
Totals	10.00	9.20	8.20	7.77

- -

LOSS AND GAIN ALLOWANCES

Name	Loss Cfs	Gain Cfs
Provo Bench Canal	5	-
Timpanogus Canal	2	-
Upper East Union	2	-
City Creek	1	-
Provo City:		
Factory Race	-	5
Union	2	-
City Race	1	-
Tanner Race	1	3(Fifth West Drain)
Balance	Gain 4	

- - - - - - - - - -

C R 1944

RE: DISTRIBUTION:

CLASS "A" RIGHTS

Percentage Distribution

1 9 4 4

Maintained in Periods in a quantity
By operation thru Deer Creek Reservoir

Date	Percentage
To Aug 5	100
Aug 5-7	95
Aug 8-19	90
Aug 20-Sep 19	85
Sep 20 Lower Canals began Spilling	
Sep 20-23	90 Upper Canals
Oct 1 Rain	
Oct 2 Began Spilling to Utah Lake.	

- - - - - - -

C R 1944 C O P Y

Provo, Utah
May 31, 1944

T F Wentz
Commissioner Provo River
Orem, Utah.

Dear Sir:

You are hereby authorized and requested to deliver thru the Provo Bench Canal, of the waters of Caleb and Esthma Tanner, during the season of 1944, the following:

a. 91.0 Shares Provo Bench Canal & Irr. Co. equal to

May 10-Jun 20, 4.55 cfs
Jun 20-Jly 20, 4.12 "
Jly 20-May 10, 3.71 "

b. 170.0 Shares North Union Irr. Co, equal to

May 10-Jun 20, 4.50 cfs
Jun 20-Jly 20, 4.07 "
Jly 20-May 10, 3.67 "

c. Thru North Opening of Division Gates for the irrigation of 26.67 acres:-

May 10-Jun 20, 0.47 cfs
Jun 20-Jly 20, 0.42 "
Jly 20-May 10, 0.38 "

d. Tanner Deeds 28.25 Provo Bench Shares:-

May 10-Jun 20, 1.41 cfs
Jun 20-Jly 20, 1.28 "
Jly 20-May 10, 1.15 "

e. And by Tanner Deeds 9.0 North Union Shares:-

May 10-Jun 20, 0.24 cfs
Jun 20-Jly 20, 0.22 "
Jly 20-May 10, 0.19 "

f. Totals of the foregoing:-

May 10-Jun20, 11.17 cfs
Jun 20-Jly 20, 10.11 "
Jly 20-May 10, 9.10 "

- - - - - - - - - -

Resp

Caleb Tanner
Esthma Tanner

By (Not signed)

PROVO RESERVOIR WATER USERS COMPANY

Provo, Utah

July 17,1944

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

Dear Sir:

In the Outline Of Distribution Provo Bench Canal 1944, we have, subdivision i, after July 20, 6.53 second feet; and, subdivision l, after July 20, 8.76 second feet, a total of 15.29 second feet.

It is desired by the Provo Bench Canal users to maintain the flow of the canal with storage and other waters, after July 20, at 112.64 percent.

And to supply this additional quantity for our users, subdivisions i and l, above noted, you are hereby authorized and directed to use of our Ontario Tunnel water through the Provo Bench Canal 1.92 second feet.

Very truly,

PROVO RESERVOIR WATER USERS COMPANY

By R.J.Murdock /s/
Secretary

PROVO RIVER COMMISSIONERS OFFICE

Orem, Utah

Aug 16,1944

Rethma Tanner & Caleb Tanner
Att. Caleb Tanner
Provo, Utah.

Dear Sir:

Attached hereto Summary Tanner Waters 1944 to date.

Provo City advises they will supply, under contract of Oct 22, 1940, 764 acre feet of storage-which will be exhausted this month.

Please arrange for storage for balance of season.

Resp.

/s/ T F Wentz

T F Wentz
Commissioner

CC - Mayor Harding, T H Latimer
Provo Bench Canal & Ir Co
% Ray V.Wentz.

Advance Sheet
August 15,1944.

TANNERS

1 9 4 4

Acre Feet

Dates 1944	Tanner Drain Less .5	Tanner Used P B Canl	Storage Required Of Tanner	Storage Delivered To Tanner	Percent River
June 22,23,24 25,29,30	8.	20.2	12.2	10	100
Total	48.	121.2	73.2	60	
July 1-20	8.	20.2	12.2	12	100
Totals	208	525.2	317.2	300	
July 21-31	8.	20.5	12.5	14	100
Totals	296	750.7	454.7	454	
Aug 1-4	8	20.5	12.5	12	100
5-7	8	19.5	11.5	12	95
8-15	8	18.5	10.5	12	90
Totals	416	1039.2	623.2	626	

- -

Attached to letter and cc of August 16,1944, to Tanners.

C R 1944

TANNERS

SUMMARY

September 18,1944

Acre Feet

Dates 1944	Tanner Drain Less .5	Tanner Used PBCanl	Storage Required Of Tanner		Stor Delvd To Tanner	47-44 Stor Delvd Tanner	48-44 PCRvr Delvd Tanner	Percent River
fwd	416	1039.2	623.2	-	626	-	-	-
Aug 16-19	8	18.7	10.7		10	-	-	90
20-24	8	17.8	9.8		10			85
Totals	488	1203	715		716	-	-	
			47-44	48-44				
25	8	20	2	10	3	2	7	85
26,28, 29,31	8	21.1	3.3	9.8	-	3	9.8	85
27,30	8	21.1	3.3	9.8	-	4	9.8	85
Totals	544	1349.6	21.8	68.8	719	22	65.8	
			805.6			806.8		
Sept 1,3,4,6, 7,9,10, 12,13,15, 16	8	21.1	3	9.8		3	9.8	85
2,5,8,11, 14,17	8	21.1	4	9.8		4	9.8	85
18	3	7	1.4	3.3		1.0	3.3	85 To 8am.
Totals	683	1715.3	79.8	238.7		80	235.7	
			715		719			
Grand Totals	683	1715.3		1716.5		1717.7		

Note: Tanner Drain discharge assumed at 4.25 cfs thru the season.

- -

CC - Caleb Tanner
Provo City % T H Latimer
Provo Bench C & I Co % L J Salisbury.

- -

47-44 -- Order of Provo Bench C & I Co turning 1.656 cfs of Deer Creek Storage to Tanners Aug 24 to Sept 18.

48-44 -- Order Provo City to supply Tanners 4.9 cfs of their Class A waters Aug 24 to Sept 18. Refer to Advance sheets, 47,48,59-44.

- -

TFW.

WATER COMMISSIONERS OFFICE

Orem, Utah

Aug 16,1944

Provo City Corporation
Att. Mayor Harding
Provo, Utah.

Dear Sir;

Confirming telephone I hand you herewith Provo City - Provo City Metropolitan Water District, Storage Balance,Deer Creek Reservoir Oct 15,1943 - Aug 15, 1944, and Provo City,Storage Balance, Lost Lake, HRS - Head River Storage 1944 to Aug 15,1944.

We request, again, in writing, order for delivery of storage, and in a specific quantity.

Resp.
/s/ T.F.Wentz
T.F.Wentz
Commissioner

CC - T H Latimer,
Provo Bench C & I Co.
% Ray V.Wentz.

Provo City

-

Provo City Metropolitan Water District

Storage Balance
Deer Creek Reservoir

Oct 15,1943 - Aug 15,1944

Sheet Date 1943	Change	Credit Storage	Draft-Transfer	Balance	Remarks
Oct 15	-	-	-	1978	
31	Loss	-	14	1964	
Nov 30	Loss	-	6	1958	
Dec 31	Loss	-	2	1956	
1944					
Jan 31	Loss	-	2	1954	
Feb 29	Loss	-	3	1951	
Mar 31	Loss	-	11	1940	
Apl 30	Loss	-	20	1920	
May 31	Loss	-	25	1895	
June 30	Draft	-	60	1835	To Tanners
	Loss	-	23	1812	
Jly 1	Assign	-	1920	-108	1000 To P.B. 920 To PRWUCo.
10	HRS	60	-		Lost Lake To Deer Lake
	Draft	-	120	-168	To Tanners
20	HRS	140			Lost Lake To Deer Lake
	Draft	-	120	-148	To Tanners
	Exchg	374	-	226	Exchanged Lost Lake for Deer Lake
31	HRS	90	-		Lost Lake To Deer Lake
	Draft	-	154	162	To Tanners
Aug 15	HRS	30			Lost Lake To Deer Lake
	Draft	-	172	20	To Tanners (Total 626)

- -

With letter of Aug 16,1944, and cc.

Provo City

Storage Balance
Lost Lake
HRS - Head River Storage

Sheet Date 1944	Change	Credit Storage	Draft Transfr	Balance	Remarks
Jun 30	Storage	784	-	784	Lost Lake Storage
Jly 20	Exchng	-	374	410	Exchange for Deer Lake Storage
	Loss		16	394	4% Loss Charge
	Delivered		210	184	Lost Lake To Deer Lake
31	Delivered		80	104	Lost Lake to Deer Lake
Aug 15	Delivered		40	64	Lost Lake To Deer Lake

- -

With Letter and CC to Provo City of Aug 16,1944.

CONTRACT

THIS CONTRACT, made and entered into this 22nd day of October, A.D., 1940, by and between PROVO CITY, a municipal corporation of the State of Utah, hereinafter called party of the first part, and ESTHMA TANNER, of Provo, Utah County, State of Utah, hereinafter called party of the second part, WITNESSETH:

WHEREAS, the second party is the owner of a certain water right more particularly set forth and designated in paragraph No. 28 in the Decree in Case No. 2888 Civil, in the Fourth Judicial District Court of the State of Utah, in and for Utah County. Said water right being more particularly described as follows, to-wit:

> 28. John D. Dixon from January 1 to December 31 as successor in interest to J. H. Snyder, Joshua J. Mecham, John W. Hoover and Hyrum Heiselt to 2.80 second feet of water which was appropriated upon lands in Provo Canyon, the place of use and the point of diversion having been changed, and the said water is now being used upon lands below the mouth of Provo Canyon, and the point of diversion from Provo River is now at and near the mouth of Provo Canyon, Utah County, Utah, and said use may be continued and the quantity to which the said defendant is entitled at his said point of diversion at and near the mouth of Provo Canyon is 2.52 second feet, the same being of the transferred water rights referred to in Subdivision "A" of paragraph 33 hereof.

AND WHEREAS, the second party has made and filed an application in the office of the State Engineer of the State of Utah, which application is No. A-1171, for the exchange of the water hereinabove mentioned for an equivalent amount of water from Bridal Veil Falls and Lost Creek in Provo Canyon, Utah County, State of Utah, said application being referred to and by this reference made a part hereof, and

WHEREAS, protests were filed in the office of the Engineer of the State of Utah against the granting of said application, and the said matter is now being litigated in the District Court of the Fourth Judicial District of the State of Utah in and for Utah County, and

WHEREAS, the water right of the second party and the right to exchange the same for waters flowing from Bridal Veil Falls and Lost Creek in Provo Canyon, Utah County, Utah, will be of great value to Provo City in providing water for its culinary and domestic demands, and

WHEREAS, Provo City has certain storage waters in the Lost Lake Reservoir which may be delivered to the second party in exchange for the waters owned by the second party and hereinbefore specifically described, and

WHEREAS, Provo City will be able to acquire additional storage waters in the Deer Creek Reservoir which may also be delivered to the second party in exchange for waters owned by the said second party as herein set forth, and

WHEREAS, it will be for the advantage, benefit and interest of the second party to assign and transfer the water rights herein set forth to Provo City, a municipal corporation, in exchange for waters which may be delivered to her during the irrigation season upon her demand, and

WHEREAS, the second party is willing to assign and transfer her aforesaid water right, together with whatever rights may be acquired by virtue of her aforesaid application, as determined by decree of the aforesaid Court, or by the decree of whatever Court may finally adjudge the same, for an equivalent quantity of storage water to be procured by first party and held for and delivered to second party, or her successors or assigns, in the channel of Provo River at the dam of the Utah Power & Light Company in Section 34, Township 5 South, Range 3 East of the Salt Lake Base and Meridian, at such times and in such quantities as hereinafter provided.

WHEREAS, the second party is willing to carry forward at her expense, the aforementioned suit to final judgment for the purpose of determining the quantity of water to which second party is entitled under the aforesaid right and also to determine her right to exchange said water for the waters of Lost Creek and Bridal Veil Falls as aforesaid.

NOW, THEREFORE; In consideration of the sum of One Dollar ($1.00) paid by the first party to the second party, receipt of which is hereby acknowledged, and in consideration of the mutual covenants, promises and agreements of the parties hereinafter set forth, it is agreed as follows, to-wit:

1. The second party will sell, transfer and convey to Provo City, a municipal corporation, the water right set forth in paragraph No.28 of the decree in Case No. 2888 Civil in the District Court of the Fourth Judicial District of the State of Utah in and for Utah County, copy of which said water right is hereinbefore set forth, together with

all water rights now or hereafter acquired for the exchange of said water under and by virtue of application No. A-1171. filed in the office of the State Engineer of the State of Utah.

2. The second party will carry the litigation respecting the aforesaid application and water right to final judgment and will pay and discharge the expense of said litigation.

3. The first party will deliver to second party, during the period of time between April 1st and October 31st following of each year, an amount of storage water equal to the quantity of water which the second party would be entitled to have pass the dam of the Utah Power & Light Company in Provo Canyon, Utah County, State of Utah, under and by virtue of the water right hereinbefore described, and the exchange of the same under and by virtue of the water right hereinbefore described, and the exchange of the same under and by virtue of application No. A-1171 during the said periodof time, said storage water to be delivered to second party in the channel of Provo River at the dam of the Utah Power & Light Company in Provo Canyon, Utah County, State of Utah, at such times and in such quantities as second party, her successors or assigns may designate by written order made at least seven (7) days before delivery of water, Provided, however, the water to which the second party may be entitled during the period between April 1st and October 31st following of any one year will be cumulative, that is, it may be delivered to and used by the second party at different times and in different quantities than would naturally be delivered and used by the second party under the water right hereinbefore described, and it is to be furnished and delivered to the second party at such times and in such quantities (not exceeding 10 second feet) as demanded by the second party, providing that any quantity of water to which the second party is entitled to receive during any such period shall be furnished between the first and last dates of such period.

The above provision is binding upon the party of the first part only to the extent it has or will have storage waters available in the Lost Lake Reservoir until the Deer Creek Reservoir is completed and in operation after which time the party of the first part is obligated to perform according to the provisions herein set forth without restriction.

4. The first party at its own cost and expense will construct and at all times adequately maintain such structures and facilities as may be required to accomplish the aforesaid exchange of water. The first party will also install and maintain such recording measuring equipment as will at all times actually register the quantity of water delivered to the second party, her successors or assigns, and a copy of such record will be delivered annually to said second party or her successors or assigns. The request for the delivery of storage water, under this contract, to the second party, her successors or assigns, shall be made to the City Engineer of Provo City in writing at least seven (7) days before delivery of water. At the time when the demand for delivery of storage water is made by second party, her successors or assigns, the said City Engineer shall estimate the total quantity of storage water to which the second party may be entitled for that particular year and the delivery of storage water for that year will be made upon the basis of said estimate. For any small inequality in the measurement of waters in any one year, proper adjustment shall be made the next succeeding year.

5. In case second party is granted by the Court the right to said waters or any part thereof, decreed in paragraph 28 of the decree in Case No. 2888 Civil in said Court, during the period of time between November 1st and March 31st of the following year, first party will deliver to the second party, during said period of time, the waters so awarded for such period. Said delivery to be made to second party at the dam of the Utah Power & Light Company as provided in said decree (Case 8481 Civil)

6. This Agreement is conditioned upon and shall become effective only upon the approval by the Court or by the State Engineer upon order of the Court of Application No. A-1171 for the change of point of diversion, place, and purpose of use of the waters hereinabove described, and shall be consummated within thirty (30) days after said approval.

IN WITNESS WHEREOF, the parties have caused these presents to be duly executed the day and year first hereinabove written.

PROVO CITY, A MUNICIPAL CORPORATION

By: /s/ Mark Anderson
MAYOR
FIRST PARTY

ATTEST:

/s/ I. G. Bench
CITY RECORDER OF
PROVO CITY, UTAH

/s/ ESTHMA TANNER
SECOND PARTY

State of Utah,
SS
County of Utah,

On this 22nd day of October, A.D. 1940, personally appeared before me Esthma Tanner, the signer of the foregoing instrument, who duly acknowledged to me that she executed the same.

/s/ H. Maurice Harding
Notary Public, Provo, Utah

My comm. expires: February.

C R 1944

TANNERS
SUMMARY

Acre Feet

1 9 4 3

Dates 1943	Tanner Drain Less .5	Tanner Used P B Canl	Storage Required Of Tanner	Storage Delivered To Tanners	Percent River
June 26-30	8.3/41.5	19.6/98	11.3/56.5	10/50	100
Total	41.5	98	56.5	50	
July 1-20	8.3/166	19.6/392	11.3/226	10/200	100
Total	207.5	490	282.5	250	
21-31	8.3/91.3	17.6/193.6	9.3/102.3	12/132	100
Total	298.8	683.6	384.8	382	
Aug 1-15	7.5/112.5	17.6/264	10.1/151.5	11/165	100
Total	411.3	947.6	536.3	547	
16-31	8.5/136	17.6/281.6	9.1/145.6	10/160	100
Total	547.3	1229.2	681.9	707	
Sept 1-13	8/104	17.6/228.8	9.6/124.8	8/104	100
Total	651.3	1458	806.7	811	
14-15	8/16	17.6/35.2	9.6/19.2	0/0	100
Grand Total	667.3	1493.2	825.9	811	

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Orig. In 1944 Report.
CC - Caleb Tanner
- Provo City % T H Latimer City Engr.

C R 1944

TANNERS
SUMMARY
1 9 4 2

Dates 1942	Tanner Drain Less .5	Tanner Used P B Canl	Storage Required Of Tanner	Storage Delivered To Tanner	Percent River
June 22-30	104.48	169.74	65.26	53	100
July 1-10	111.56	188.6	77.04	77	100
11-15	57.28	97.73	40.45	50	95
16-23	98.44	145.93	47.49	64	100
24-31	94.34	122.4	28.06	64	90
Sub-Tot	466.10	724.4	258.3	308	
Aug 1	--	15.3	--	8	90
2-7	--	94.8	--	28	93
8-15	--	122.4	--	32	90
16-20,22, 25-31	--	198.9	--	104	90
21,23,24	--	47.4	--	24	93
Sub-tot		1203.2	City River Flow	504	
29-42 Sheet		21		21	
Sept 1	--	15.8	-	8	93
2	--	16.15	-	8	95
3	--	16.15	4	4	95
4-11	--	129.2	64	-	95
12-15	--	68	32	-	100
16	--	17	8	-	100
17-19	--	48.45	24	-	95
20-22,29,30		76.5	40	-	90
23-28	--	90	48	-	88
Totals		1701.45	220	545	

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Orig. In 1944 Report
cc - Caleb Tanner
- Provo City % T H Latimer City Engr.

C R 1944

Orem, Utah

Jan 25,1945

Caleb Tanner
411 W. 5 N
Provo, Utah

Dear Sir:

Complying with your verbal request I hand you herewith the following:

Tanner Summary 1942
Tanner Summary 1943
Copy Letter Provo City by E A Jacob of 4-3-1941
Copy Letter Provo City by Mark Anderson of 5-7-1941

And the same is being furnished T H Latimer,City Engineer of Provo City.

And also, the same is being included in the 1944 Commissioner's Report.

Resp.

T.F.Wentz
Commissioner

CC - T H Latimer

C R 1944

C O P Y

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PROVO CITY CORPORATION

ENGINEERING DEPARTMENT

;;;;;; ;;;;;;;

Provo, Utah

April 3, 1941

Mr. T.F.Wentz
R.F.D. Provo City,
Utah

Dear Mr. Wentz:

Complying with our telephone conversation, I am enclosing to you herewith copy of contract between Provo City and Tanner re: 2.52 second feet of Dixon Water. Also, copy of Application for Change, No. a-1171.

You will note by the contract that this water is to be furnished Tanner in streams not to exceed 10 second feet.

If you require further information, please let me know.

Very sincerely yours

/s/ E A Jacob
E.A.Jacob
City Engineer

EAJ:ap
Encl.

- -

Included in 1944 Report
CC - Caleb Tanner
- Provo City % T H Latimer

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C R 1944

C O P Y

- -

PROVO CITY CORPORATION

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PROVO, UTAH

May 7,1941

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

Dear Mr. Wentz:

Pursuant to terms of contract between Provo City and Esthma Tanner dated October 22, 1940, you are hereby authorized to turn to the said Esthma Tanner on her order, from the City's storage supply in Lost Lake, the equivalent of 2.52 second feet of water, or such part thereof as is or will be available for delivery over the dam of the Utah Power and Light Company in Provo Canyon, between April 12th and October 31st,1941 both inclusive, by virtue of her right as provided in Paragraph 28 of the Decree in Case No. 2888 Civil in the Fourth Judicial District Court in and for Utah County.

Yours very truly,

PROVO CITY CORPORATION

/s/ By: Mark Anderson
Mayor

CC - Caleb Tanner
Provo Bench Canal and
Irrigation Company

- -

Included in 1944 Report.
CC - Caleb Tanner
- Provo City % T H Latimer

C R 1944

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1944	Time	GH	Cfs	Remarks
May 5	1115a	555	290	
18	700a	550	288	Wheel Rating (WR)
21	104p	550	290	
26	700a	550	288	
27	500a	Turned out for repairs		
Jun 2	800a	Turned in.		
4	700a	540	288 WR	
9	700a	550	300 "	
11	1030a	553		
14	700a	550	304	
17	700a	550	300	
23	700a	570	321	
27	700a	570	325	
29	700a	570	325	
Jly 4	835a	462)		
	855a	460(	241.44Meter Measurement	
	915a	460)		
4	Bulkheaded this am			
5	700a	475	Raised to 485 at 1020a.	
	Bulkheading			
6	Took out one 4" bulkhead this am, leaving 16"			
	1140a	528)		
	1220p	528(	250.84 Meter Msr.	
	630p	528 cut to 525, will run at 525		
7	525p	525 cut to 520		
10	700a	520	245	229 + 4.75 Tun +9.5 Steel = 243.25
	115p	Raised to 525		
11	700a	525	248	
14	700a	525	245	
17	700a	525	248	
18	1015a	523)		
	1035a	524(	253.46 Meter Msr.	229 +4.25 T +8 steel=241.75
	1055a	525)		
	1110a	cut to 520		
19	700a	520		
20	1000a	520)		
	1020a	520(	248.25 M M;	229 + 4.75T + 7.5 steel + 2.5 Dixon
	1040a	520)		= 243.75
	1050	cut to 515		
22	700a	515	242 WR	
26	700a	515		
30	1030a	515	Raised to 520; 229 + 4.5T +2.5 Dixon, +11 st =247	
Aug 1	700a	520	245	Raised to 522 at 800a
3	700a	522		
4	700a	522	River 193, will run river at 192, flume to bear drop and variations	
	1220p	524	River 192	
5	Class A Rights at 95%			
	700a	501		
	700p	503	Will hold flume at 502, will run flume at 502	

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C R 1944

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1944	Time	GH	Cfs	Remarks
Aug 7	700p	512		
	740p	Cut to	508	
8	Class A Rights at 90%			
	Bulkheaded 4" this am, now 20"			
9	700a	512		
	740p	Cut to 508		
11	700p	508	227	
14	445p	508	Cut to 506,	
	655p		Raised to 508	
17	700a	508	227	
19	500a	Turned out, Drag Line Croosing flume.		
	pm Afternoon - turned in			
20	Dropping to 85% - Class A Rights			
21	700p	486 at 915 p cut to 482		
26	700a	500	224 WR	
Sep 1	700a	500	226	
2	1050a	504	Provo Res Co cutting off 20 cfs storage, will hold flume at 500	
6	700p	500	224	
14	700a	500	221	
17	700a	500	221	
18	Storage drop - Provo Bench Canal			
19	Storage drop - Highland.			
	700a	470 at 1030a riased to 475 and will ride at 475		
20	Class a at 90%			
21	700a	475	194	
22	700a	475	198	
26	700a	475	194	
Oct 1	700a	475	194	Rain
2	Began spilling to lake			
3	700a	478	194	
4	700a	466		
5	700a	450	180	
6	700a	440	174	
	Put in 8" bulkheads making 28" to			
9	700a	475	168	Provo Res Co cutting/20 cfs storage
	900p	raised 475-490		
10	700a	490	174	River at gage 84 will ride here.
12	Took out 4" checks leaving 24"			
13	700a	475	180	
17	700a	476	180	River gage 84 Approx 21 cfs.
22	700a	480	180	
24	700a	500	191	Shingle Creek turned to Provo River
25	Removed 4" check leaving 20"			
26	700a	497	202	
27	700a	500	206	
Nov 6	700a		206	
7	700a		218	
8			206	
9			202	
15	700a	459	206	

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CC - E G Thorum, Olmstead Plant.

C R 1944

PROVO RESERVOIR CANAL

Ten-foot Parshall Flume, and Lateral No. 1, Total in Canal.

Date 1944	Time	Cfs	
Apl 25	1053a	00	Turning in.
27	309p	8.3	
May 3	252p	4.6	
5	958a	10.0	
8	1258p	82.7	
10	1120a	114.6	
12	1020a	133.1	
15	444p	181.86	
16	948a	181.86	
18	1044a	181.6	
21	1218p	151.4	
22	1123a	157.4	
24	926a	156.6	
26	918a	180.5	
27	1133a	180.5	
28	1102a	196.1	
29	726p	193.8	
Jun 1	934a	196.1	
5	433p	153.5	
9	1003a	165.2	Storms
12	348p	166.3	
14	939a	183.9	
16	1122a	171.6	
17	1248p	176.1	
19	925a	181.6	
21	1050a	195.0	
23	312p	189.5	
24	1208p	197.6	
25	942a	195.57	
26	1058a	191.8	
27	829a	197.3	
29	1026a	199.6	
30	1115a	200.7	
Jly 3	826p	173.05	
4	540a	176.1	
5	948a	185.0	
	425p	177.2	
6	341p	164.1	
7	629a	167.3	
	1245p	179.4	
8	604a	182.4	
9	958a	185.47	Request drop to 130 cfs
10	846a	185.0	
	500p	124.2	
11	612a	144.1	
	800p	126.1	
12	611a	134.1	
Jly 13	611a	131.1	
14	607a	129.1	
15	615a	122.52	Request Raise
	800p	144.1	
16	12M	149.97	
17	1210p	150.3	
18	911a	146.2	
19	614a	149.3	
20	337p	154.5	
21	558a	152.4	
22	1057a	143.1	
23	1020a	142.84	
24	1005a	142.45	
25	912a	140.1	
26	918a	139.1	
27	606a	137.1	
28	614a	143.1	
28	530p	153.5	
29	926a	162.0	
30	1016a	161.47	
31	633a	159.16	
Aug 1	631a	159.8	
2	624a	155.6	
3	620a	155.6	
	711p	152.4	
4	627a	155.6	
	500p	151.4	
5	630a	155.6	
	730p	149.3	
6	632a	152.4	
	830p	147.2	
7	627a	150.55	
7	730p	144.45	
8	631a	154.02	
	730p	153.0	
9	1254p	153.5	
	750p	150.3	
10	636a	156.6	
10	730p	152.4	
11	635a	156.6	
	730p	152.4	
12	627a	156.6	
	730p	151.4	
13	626a	155.6	
	730p	150.3	
14	627a	154.5	Sawdusted flume
	730p	161.6	
15	642a	164.12	

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PROVO RESERVOIR CANAL

Date 1944	Time	Cfs	
Aug 15	730p	149.44	
16	621a	149.8	
	750p	141.1	
17	1130a	146.2	
	710p	150.3	
18	626a	152.4	
	500p	149.3	
19	1011a	155.6	
	800p	149.3	
20	1002a	154.5	
20	440p	153.5	
21	624a	150.3	
	800p	144.1	
22	946a	151.82	
	500p	142.7	
23	630a	155.0	
24	1131a	153.5	
25	344p	155.6	
26	837a	156.6	
27	1114a	157.7	
28		159.8	
29	1055a	159.8	
30	836a	159.2	
31	940a	159.95	
Sep 1	1036a	153.5	
1	730p	163.0	
2	1031a	163.0	Cut 20 cfs
	725p	130.1	
3	941a	131.1	
	700p	132.1	
4	941a	140.1	
	745p	137.1	
5	604a	144.1	Cold
6	1147a	144.45	
	800p	140.45	
7	1125a	140.45	
8	907a	139.1	
9	1106a	138.1	
10	1130a	135.1	
11	1135a	137.1	
12	921a	138.1	
13	1030a	140.1	
14	1202p	138.7	
15	1206p	141.56	
16	1155a	142.1	
17	1106a	138.1	
18	951a	140.1	
19	1015a	138.1	Highland Off.
	442p	113.7	
20	1234p	111.8	

Date 1944	Time	Cfs	
Sep 21	1031a	110.0	
22	1031a	107.77	
23	246p	106.3	
24	1114a	107.2	
25	1233p	106.3	
26	1230p	109.0	
27	1220p	106.3	
28	912a	107.2	
29	1052a	105.1	
30	1159a	110.0	
Oct 1	1112a	113.7	Request to
	800p	61.4	run at 30 cf
2	630a	57.0	
	810p	29.2	
3	630a	32.7	
3	1131a	31.0	
4	1012a	30.4	
5	630p	27.0	
6	1020a	29.8	
7		30.4	
8		29.2	
9	430p	28.7	Request to
10	650a	20.8	run at 20 cfs
11	1245p	21.8	
12		21.3	
13	1006a	21.8	
14	12M	21.8	
15	1230p	21.8	
17	1100a	21.3	
18	1000a	21.3	
19	1126a	21.3	
20	12M	21.3	
22	1100a	20.8	
23	1230p	21.8	
24	1100a	21.3	
26	12M	21.8	
27	1206p	21.8	
31	1204p	22.3	
Nov 3		23.8	
7	12M	29.2	Stormy
10	12M	- 23.8-	

CC to R J Murdock.

C R 1944

PROVO CITY IRRIGATION SYSTEM

Date 1944	E.Union Time	E.Union Cfs	Factory Cfs		City Race Time	City Race Cfs	Tanner Race Time	Tanner Race Cfs	Total Cfs
Mar 30	1120a	0	0		1114a	16.08	1108a	0.63	16.71
Apl 1	618p	0	0		622p	13.52	626p	0.43	13.95
4	1103a	0	0		1106a	13.52	1110a	0.43	13.95
7	1128a	0	0		1132a	13.42	1136a	0.53	13.95
11	1114a	0	0		1117a	12.56			
15	1125a	0	0		1129a	12.56	1134a	0.2	12.76
19	1214p	0	0		1217p	12.88			
25	1130a	0	0		1134a	13.52	1138a	0.5	14.02
May 3	356p	0	0		400p	13.20	403p	0.2	13.40
5	352p	0	0		356p	13.52	400p	0.2	13.72
10	248p	0	0		252p	14.24	256p	0	14.24
16	1144a	11.84	0		1148a	17.20	1152a	5.75	34.79
18	1206p	15.60	0		1210p	16.48	1214p	5.94	38.02
22	1155a	17.76	0		1159a	15.76	1203p	4.99	38.51
24	1027a	18.88	0		1031a	16.48	1035a	10.00	45.36
26	1114a	18.56	0		1118a	17.60	1122a	9.10	45.26
29	1228p	19.28	0		1224p	19.20	1220p	9.10	47.58
Jun 5	545p	18.16	0		548p	14.24	552p	9.10	41.50
7	1016a	18.56	0		1000a	19.20	955a	5.94	43.70
12	1230p	19.68	0		1232p	17.60	1228p	9.78	47.06
14	1114a	18.56	0		1118a	16.08	1122a	8.44	43.08
16	1212p	18.56	0		1215p	17.60	1218p	7.79	43.95
17	1217p	21.68	0		1214p	18.80	1210p	7.79	48.27
19	1004a	20.08	0		1008a	18.40	1012a	7.15	45.23
21	1121a	24.96	0		1125a	17.60	1129a	9.10	51.66
23	426p	25.44	0		422p	18.40	418p	12.40	56.24
25	1022a	27.60	0		1026a	19.20	1030a	9.32	56.12
27	935a	28.08	0		939a	20.00	944a	8.22	56.30
29	1144a	25.84	0		1148a	16.08	1152a	8.00	49.92
Jly 4	615a	24.56	0		618a	19.20	622a	6.54	50.30
	700p	23.76	0	D-3.	703p	18.00	707p	5.55	50.31
5	506p	20.08	0	D-4.	510p	12.56	514p	5.36	42.00
6	600a	20.40	0	D-4.	604a	18.40	610a	8.00	50.80
	415p	21.68	0		418p	19.20	422p	8.00	48.88
7	1205p	30.40	0		1201p	18.40	1157a	8.00	56.80
8	630a	26.80	0		634a	18.40	638a	8.00	53.20
9	1032a	27.60	0		1036a	18.40	1040a	7.79	53.79
10	1244p	26.72	0		1240p	17.20	1236p	7.79	46.71
12	636a	27.20	0		640a	18.40	644a	8.00	53.60
13	400p	27.20	0		404p	16.48	408p	8.66	52.34
14	635a	27.8	0		639a	18.80	643a	9.10	55.70
15	1252p	27.80	0		1248p	18.80	1214p	8.88	55.48
17	1046a	27.20	0		1042a	18.40	1038a	8.00	53.60
19	645a	26.32	0		648a	17.20	652a	7.79	51.31
20	410p	23.76	0		414p	1536	418p	8.44	50.56
21	630a	24.96	0		634a	16.08	638a	9.32	50.36
22	1218p	26.32	0		1221p	17.60	1225p	8.66	52.58
24	1141a	27.20	0		1144a	18.00	1148a	9.10	54.30
25	1025a	26.72	0		1029a	18.00	1033a	9.10	53.82

C R 1944

PROVO CITY IRRIGATION SYSTEM

Date 1944	E.Union Time	E.Union Cfs	Factory Cfs	City Race Time	City Race Cfs	Tanner Race Time	Tanner Race Cfs	Total Cfs	
Jly 26	1038a	26.72	0	1042a	17.20	1046a	8.44	52.36	
28	646a	24.16	OD-3.	649a	15.76	653a	7.57	50.49	
30	1130a	27.20	0	1134a	16.48	1137a	7.36	51.04	
31	1236p	26.72	0	1232p	18.00	1228p	9.10	53.82	
Aug 2	1244p	23.28	0	1239p	18.80	1235p	9.78	51.86	
3	1126a	22.08	0	1122a	15.76	1118a	10.20	51.04	
5	1006a	22.08	0	1002a	15.36	958a	10.20	47.64	
6	1142a	22.08	0	1138a	15.36	1134a	10.00	47.44	
7	434p	20.88	0	430p	14.64	426p	8.00	43.52	
8	944a	22.88	0	940a	17.20	936a	10.5	50.58	
9	1206p	22.88	0	1202p	15.36	1158a	10.5	48.74	
11	1205p	20.88	0	1201p	15.76	1158a	9.1	48.74	
13	1019a	18.88	0	1015a	16.08	1011a	9.78	44.74	
14	1103a	19.28	0	1059a	14.24	1109a	10.0	43.52	
15	1026a	19.28	0	1030a	13.92	1034a	9.32	42.52	
16	648p	19.28	0	644p	14.64	640p	10.2	44.12	
17	1240p	19.28	0	1243p	14.64	1247p	11.2	45.12	
18	1127a	20.40	0	1122a	15.36	1118a	8.66	44.42	
20	1048a	20.88	0	1052a	16.08	1056a	10.2	47.16	
21	1016a	19.68	0	1010a	15.04	1006a	8.44	43.16	
22	1036a	19.68	0	1039a	15.36	1044a	7.79	42.83	
23	418p	21.28	0	414p	16.08	410p	8.66	46.02	
24	12M	20.88	0	1203p	15.36	1208p	8.00	44.24	
25	718p	18.88	0 D-3.	722p	13.52	726p	5.75	41.15	
26	910a	19.68	0	914a	14.64	917a	7.36	41.68	
27	1146a	19.28	0	1150a	12.88	1154a	6.95	39.11	
28	944a	18.56	0	939a	12.88	935a	5.0	36.44	
29	1120a	18.56	0	1123a	13.52	1127a	8.00	40.08	
30	1000a	17.36	0	1003a	16.48	1007a	10.7	44.54	
Sep 1	1125a	17.76	0	1128a	16.48	1132a	9.55	43.79	
2	1124a	17.36	0	1128a	16.08	1132a	9.78	43.22	
3	1015a	17.76	0	1018a	16.48	1022a	10.2	44.44	
5	928a	17.76	0	958a	15.36	1002a	10.0	43.12	
6	715p	17.36	0	711p	14.64	706p	7.36	39.36	
7	1252p	17.36	0	1248p	14.64	1244p	8.44	40.44	
9	1132a	17.36	0	1136a	15.36	1140a	8.44	41.16	
11	1230p	17.76	0	1233p	15.36	1237p	10.5	43.62	
12	1000a	17.76	0	1004a	15.76	1008a	9.78	43.30	
14	1125a	17.36	0	1121a	15.36	1117a	8.44	41.16	
16	620p	17.36	0	616p	16.08	612p	9.32	42.76	
20	529p	17.36	0	525p	12.56	521p	8.00	37.92	
22	1148a	17.76	0	1152a	13.20	1156a	8.00	38.96	
23	316p	17.04	0	320p	11.52	324p	7.36	35.92	
25	1102a	17.36	0	1059a	12.56	1055a	6.95	36.87	Spill
26	1114a	16.64	0	1110a	11.52	1106a	8.00	36.16	
28	12M	16.64	0	1203p	11.84	1207p	7.79	36.27	
Oct 1	1150a	16.24	0	1154a	11.20	12M	7.36	34.80	
2	Storms -- began spilling to Utah Lake.								
4	1048a	8.80	3.96	1052a	14.24	1056a	9.10	36.10	
6	1228p	5.92	7.08	1232p	12.88	1236p	9.32	35.20	
13	1128a	6.40	0	1132a	6.48	1136a	2.33	15.21	

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CC - H.A.Tangren, City Watermaster.

C R 1944

PROVO BENCH CANAL

Date 1944	Time	Weir Cfs	N O Cfs	Total Cfs	Remarks
Apl 7	1055a	00	0	00	
11	1018a	8.52	0	8.52	
15	1025a	9.0	0	9.0	
19	1140a	8.52	0	8.52	
25	1042a	22.2	3.-	25.2	
27	300p	22.2	3.	25.2	
May 3	228p	18.53	0	18.53	
5	945a	18.53	0	18.53	
10	1108a	28.18	0	28.18	
12	Turning in more water				
15	Out -- setting gates.				
16	930a	137.91	15.25	153.16	
18	1032a	108.60	15.57	124.17	
22	1114a	109.72	15.57	125.29	
24	916a	130.62	15.57	146.19	
26	908a	144.10	19.39	163.49	
27	1124a	168.56	21.06	189.62	
28	1050a	168.56	21.06	189.62	
29	718p	169.88	21.06	190.94	
Jun 1	925a	169.88	21.06	190.94	
5	425p	52.75	0	52.75	Down on account of storms.
9	1052a	37.11	0	37.11	" " " " "
12	330p	38.58	0	38.58	" " " " "
14	930a	128.22	0	128.22	
16	1106a	117.68	26.0	143.68	
17	1257p	117.68	26	143.68	
19	915a	130.62	26.	156.62	
21	1036a	169.88	27.	196.88	
23	300p	169.88	27	196.88	
24	1150a	125.85	11.88	137.73	Highwater over.
25	915a	110.84	10.53	121.37	
26	1050a	111.97	10.30	122.27	
27	820a	111.97	10.53	122.50	
29	1016a	113.10	10.30	123.40	
30	1100a	109.72	10.30	120.02	
Jly 3	815p	115.38	10.30	125.68	
4	530a	115.38	10.30	125.68	
	615p	110.84	10.30	121.14	
5	735a	108.60	10.03	118.63	
	410p	109.72	10.53	120.25	
6	330p	111.97	10.53	122.50	
7	620a	111.97	10.53	122.50	
8	550a	109.72	10.53	120.25	
9	945a	109.72	10.30	120.02	
10	834a	110.84	10.30	121.14	
11	600a	108.60	10.03	118.63	
12	600a	109.72	10.30	120.02	
13	600a	110.84	9.81	120.65	
14	556a	109.72	10.03	119.75	
15	600a	109.72	11.0	120.72	

PROVO BENCH CANAL

Date 1944	Time	Weir Cfs	N O Cfs	Total Cfs	Remarks
Jly 16	1148a	110.84	11.-	121.84	
17	1220p	110.84	11.	121.84	
18	900a	113.10	11.	124.10	
19	600a	110.84	11.	121.84	
20	326p	111.97	11.	122.97	
21	546a	111.97	11.	122.97	
22	1045a	111.97	12.33	124.30	Allow 1 cfs additional loss in -
23	1008a	110.84	12.51	123.35	North Union
24	954a	111.97	12.	123.97	
25	900a	111.97	12.	123.97	
26	908a	111.97	12.	123.97	
27	555a	111.97	12.1	124.07	
28	600a	111.97	12.10	124.07	
29	916a	111.97	12.	123.97	
30	1006a	111.97	12.	123.97	
31	622a	111.97	12.10	124.07	
Aug 1	620a	112.	11.88	123.88	
2	615a	112.	11.88	123.88	
3	608a	111.97	12.	123.97	
4	615a	112.	11.88	123.88	
4	448p	110.84	11.88	122.72	
5	618a	105.28	11.	116.28	(River 95% -- 90 + 5 Loss +12 stor=
6	620a	106.38	11.47	117.85	(107; N O = 9.3 + 1 Loss +1.2 = 11.5)
7	616a	106.38	11.47	117.85	
8	620a	103.08	11.25	114.28	(Rvr 90%-- 85 + 5 +12 = 102 & N O = 8.7 + 1 + 1.2 = 11)
9	106p	101.99	11.47	113.46	
10	627a	102.	11.47	113.47	
11	622a	100.9	11.47	112.37	
12	614a	102.	11	113.	
13	615a	101.99	11.	112.99	
14	615a	102.	11	113.	
15	630a	102.	11.	113.	
16	610a	102.	11.	113.	
17	1120a	102.	11.	113.	
18	612a	102.	11.	113.	
19	800a	97.68	11.	108.68	
20	950a	105.28	11.	116.28	Dropping to 85%
21	610a	97.68	11.	108.68	(85% - 80.5 +5L +12 stor,= 97.5
22	930a	93.42	10.53	103.95	
23	614a	95.54	11.	106.54	
24	1120a	96.60	11.	107.60	
25	405p	112.	11	123.	(85%- 67.8 +25.2 stor = 93; "h"
26	826a	115.38	11.	126.38	"i" 5.6 + 2 Blue Cliff;= 7.6;=
27	1100a	116.52	11.	127.52	"J" 7.4 + 2.8 = 10.2 Tot 110.8
28	1020a	116.52	11.	127.52	+ 5 Loss = 115.8; N O L=10.2, m = 1.44, n = 75,Tot 11.4)
29	1045a	116.52	11.	127.52	
30	826a	109.72	11.	120.72	
31	930a	114.24	11.	125.24	

C R 1944

PROVO BENCH CANAL

°#°
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Date 1944	Time	Weir Cfs	N O Cfs	Total Cfs	Remarks
Sep 1	1025a	116.52	11.	127.52	
2	1020a	115.38	11.	126.38	
3	930a	114.24	11.	125.24	
4	930a	116.52	11.	127.52	
5	854a	116.52	11.	127.52	
6	1136a	115.38	11.	126.38	
7	1115a	113.10	11.	124.10	
8	858a	115.38	11.	126.38	
9	1055a	115.38	11.	126.38	
10	1120a	113.10	11.	124.10	
11	1125a	115.38	11.	126.38	
12	910a	115.38	11.	126.38	
13	1020a	115.38	11.	126.38	
14	1155a	116.52	11.	127.52	
15	1155a	116.52	11.	127.52	
16	1144a	114.24	11.	125.24	
17	1050a	114.24	11.	125.24	
18	940a	114.24	11.	125.24	(Storage stopped at 800a at Resr.
19	430p	81.15	17.95	99.10	Rvr 85%; 80.8 + 5 L = 85.8; N O
20	1215p	85.17	21.84	107.01	7.7 + 13.3 = 21.0)
21	1020a	90.29	21.36	111.65	Rvr 90%
22	1020a	94.48	21.36	115.84	
23	234p	87.20	21.36	108.56	90% = 85.5 +5=90.5;NO 8.2 +14=22.2
24	1100a	90.29	21.36	111.65	
25	1244p	90.29	22.	112.29	
26	1253p	90.29	23.94	114.23	
28	900a	92.37	22.44	114.81	
29	Adjusting to 100%				
30	1150a	95.54	22.44	117.98	Cloudy - Cold
Oct 1	1100a	95.54	22.44	117.98	Rain
2	Began spilling to Utah Lake, reduced canal on Request Supt.				
3	1120a	61.37	11.22	72.59	
4	1000a	61.37	11.22	72.59	
6	1110a	58.73	11.22	69.95	
10	1058a	57.	11.22	68.22	
13	955a	61.37	11.22	72.59	
19	1116a	27.53	12.0	39.53	
26	Turn in more to irrigate to plow.				
27	1155a	54.43	24.	78.43	
31	1225p	54.43	24.	78.43	
Nov 1	Reduced flow.				

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CC - L J Salisbury, D B Thorne, R J Murdock.

C R 1944

WEST UNION CANAL AND RIVER GAGE
PARK & NUTTAL AND BARTON & YOUNG DITCHES

Date 1944	Time	West Union	River Gage	Park & Nuttal	Barton & Young
Apl 1	603p	5.76			
4	1053a	15.36			
7	1119a	2.88			
11	1100a	2.88			
15	1111a	00 Cleaning			
19	1202p	00			
25	1118a	15.36			
May 3	338p	15.36			
5	1220p	17.28			
10	230p	15.84			
16	1014a	27.00			
18	1152a	25.80			
22	1136a	26.40	-	3.62	-
24	1014a	25.80			
26	1102a	26.40	-	3.62	4.11
27	1220p	27.0			
28	1114a	26.4			
29	738p	26.4	-	3.81	3.62
Jun 5	536p	23.64			
9	1014a	22.56			
12	402p	18.36			
14	1038a	18.36			
16	12M	17.28			
17	1228p	17.28	-	0.2	0
18	1235p	14.4			
19	1015a	21.36	-	4.4	0
20	1215p	23.64			
21	1106a	24.72	-	4.01	0
22	430p	23.64			
23	358p	23.64			
24	1224p	24.72			
25	1010a	21.36	-	4.	0
26	1127a	31.92			
27	842a	32.52	-	4.	0
29	1116a	31.92	-	7.63C	0
30	1138a	31.92			
Jly 3	839p	28.20	77		
4	556a	28.20	76	5.66	0
	638p	27.0	72		
5	1005a	28.20			
5	442p	30.60	70	4.5	0
6	354p	30.0	77	2.82	0
7	649p	30.6	77	0	0
8	616a	30.0	76	0	0
9	1014a	30.0	76	0	0
10	858a	30.0	75	4.11	0
11	626a	30.6	77	0.93	5.23 C
12	624a	30.6	77	5.66	0
13	622a	30.6	77	5.66	0
14	619a	30.6	77	4.6	0

C R 1944

WEST UNION CANAL AND RIVER GAGE
PARK & NUTTAL AND BARTON & YOUNG DITCHES

Date 1944	Time	West Union	River Gage	Park & Nuttal	Barton & Young
Jly 15	639a	30.6	77	0	0
16	1215p	30.6	77	0	0
17	114a	30.6	77	0	0
18	944a	31.92	78	0	0
19	630a	30.0	75	4.7	0
20	1241p	27.60	75		
	348p	28.2	76	4.6	9
21	616a	28.2	76	5.02	0
22	1148a	27.6	76	0	4.6
23	1032a	27.6	78	0	0
24	1125a	27.6	77	0	0
25	1002a	30.6	76	0	0
26	1018a	28.8	76	0	0
27	618a	28.2	75	4.81	0
28	630a	28.8	75	0.66	4.6
29	956a	28.2	75		
30	1054a	27.0	74	4.6	0
31	653a	28.2	77	0	0
Aug 1	645a	28.8	76	0	0
2	637a	28.2	77	0	0
3	634a	28.2	78	0	0
4	641a	27.0	76	5.02	0
5	645a	25.8	74	4.6-	0
6	650a	25.8	74	4.81	0
7	641a	25.8	74	4.81	0
8	648a	25.8	75	0	0
9	1220p	25.02	75	0	0
10	652a	24.72	76	0	0
11	652a	25.32	75	0	0
12	645a	24.72	74	4.6	0
13	642a	24.72	72	4.6 Co	4.7
14	644a	24.72	74	4.81	0
15	700a	24.72	74	4.81	0
16	640a	24.72	74	4.81	0
17	1226p	30.6	76	0	0
18	638a	24.72	76	0	0
19	932a	24.72	73	0	0
20	1032a	24.72	75	0	0
21	636a	23.64	72	4.6	0
22	1004a	23.64	72	4.11	0
23	642a	23.04	72	4.11	0
24	1146a	23.64	72	4.11	0
25	314p	22.56	68	0	0
26	854a	23.64	70	0	0
27	1128a	22.56	69	0	0
28	1050a	22.56	67		
29	1110a	22.56	68	4.6	0
30	900a	23.04	73	0	3.62
31	954a	20.88	71	4.5	0

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C R 1944

WEST UNION CANAL AND RIVER GAGE
PARK & NUTTAL AND BARTON & YOUNG DITCHES

Date 1944	Time	West Union	River Gage	Park & Nuttal	Barton & Young	
Sep 1	1048a	21.36	74	4.6	0	
2	1108a	21.96	73	0	0	
3	958a	21.36	73	0	0	
4	1002a	22.56	71	0	0	
5	917a	22.56	71	0	0	
6	1206p	21.96	70	0	3.81	
7	1142a	21.96	71	0	4.6	
8	926a	21.36	70	4.5	0	
9	1122a	21.36	70	4.5	0	
10	1144a	21.36	70	4.5	0	
11	1154a	22.56	72	0	0	
12	934a	23.64	71	0	0	
13	1044a	23.04	70	0	0	
14	1216p	22.56	69	0	0	
15	1226p	20.28	70	4.6	0	
16	1212p	13.56	76	0	0	Gate clogged, construction
	1240p	23.04	70	0	0	up river at mouth canyon.
17	1152a	22.56	70			
18	923a	22.56	70	4.2	0	
19	1110a	23.64	73	0	0	
20	1250p	23.04	70	0	0	
22	1100a	22.56	63	0	0	
23	304p	23.04	63	4.5	0	
24	1126a	23.64	63	4.6	0	
25	1117a	24.12	63	4.6	0	
26	1150a	24.72	58	4.2	0	
28	937a	23.64	58	4.81	0	
29	Reduced this am by Watermaster.					
	12m	13.56	58			
30	1215p	14.40	57			
Oct 1	1129a	13.56	60			
4	1030a	8.64				
6	1208p	7.08				
13	1115a	3.96				
31	1146a	10.92				

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C R 1944

TIMPANOGUS CANAL COMPANY CANAL

Date 1944	Time	Cfs	
Apl 1	550p	5.2	
7	1112a	Cleaning	
25	1106a	3.9	
May 3	310p	3.9	
5	1107a	3.9	
8	1254p	3.9	
10	1125a	3.9	
16	1126a	22.95	
18	1130a	5.2	
21	120p	2.6	
22	1140a	12.69	
24	1005a	11.88	
26	1054a	11.8	
27	1230p	13.5	
28	1106a	11.8	
29	729p	14.22	
Jun 5	527p	3.9 Storms	
9	1006a	4.9	
12	352p	15.57	
14	1030a	15.57	
16	1148a	15.57	
19	954a	18.54	
21	1058a	20.07	
23	346p	19.62	
25	950a	16.72	
27	825a	16.34	
29	1104a	15.90	
30	1130a	15.90	
Jly 3	830p	18.36	
4	548a	18.36	
4	629p	12.97	
5	955a	18.74	
	430p	15.00	7
6	345p	15.44	
7	633a	15.44	
8	608a	18.36	
9	1006a	16.34	
10	849a	15.44	
11	615a	15.00	
12	615a	12.00	
13	614a	15.00	
14	611a	15.44	
15	630a	15.00	
16	1204p	15.00	
17	1122a	15.00	
18	952a	15.00	
19	621a	15.00	
20	1230p	13.38	
	340p	13.74	
21	608a	13.74	

Date 1944	Time	Cfs	
Jly 22	1140a	13.38	
23	1024	13.38	
24	1117a	13.38	
25	954a	13.74	
26	1010a	13.74	
27	610a	13.74	
28	622a	14.70	
29	948a	13.38	
30	1047a	13.38	
31	645a	13.38	
Aug 1	635a	13.38	
2	629a	13.38	
3	626a	13.38	
4	633a	13.38	
5	606a	13.38	Rvr 95%
6	639a	13.38	
7	633a	13.74	
8	639a	12.00	90%
9	1228p	12.00	
10	643a	12.00	
11	643a	12.00	
12	634a	12.00	
13	633a	12.00	
14	633a	12.36	
15	649a	12.72	
16	628a	12.00	
17	12M	12.00	
18	630a	13.08	
19	920a	12.00	
20	1014a	12.36	15%
21	628a	12.00	85%
22	956a	12.0	
23	634a	12.0	
24	1138a	13.38	
25	340p	11.44	
26	844a	11.7	
27	1120a	11.13R	
28	1034a	12.28	
29	1102a	12.02	
30	849a	12.86	
31	947a	12.28	
Sep 1	1040a	11.13	
2	1100a	11.7	
3	948a	11.13	
4	953a	11.44	
5	909a	11.7	
6	1155a	11.7	
8	918a	11.7	
9	1114a	12.02	
10	1136a	12.54	

C R 1944

TIMPANOGUS CANAL COMPANY CANAL

Date 1944	Time	Cfs	
Sep 11	1141a	12.28	Rvr 85%
12	927a	12.28	
13	1036a	11.7	
14	1206p	11.7	
15	1218p	11.44	
16	1202p	12.28	
17	1114a	11.44	
18	915a	11.7	
19	1048a	11.7	
20	1241p	11.7	90% Began spilling to Lake
22	1053a	12.28	
23	253p	12.02	90%
24	1118a	11.44	
26	12M	12.54	
28	929a	11.7	
30	1203p	11.7	
Oct 1	1120a	10.5	Rain
2	Began spilling to Lake		
4	1022a	9.45	
6	12M	11.44	
13	1100a	8.29	
31	12M	6.-	

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CC - Alfred R Chipman, Pres.

C R 1944

UPPER EAST UNION CANAL AND CITY CREEK

Date 1944	Time	U.E. Union Cfs	City Creek Cfs		Date 1944	Time	U.E. Union Cfs	City Creek Cfs	
Apl 1	558p	4.13	12.8		Jly 19	625a	15.75	10.75	
4	1044a	6.86	9.8		20	1238p	14.42	9.15	
7	1115a	3.	7.2			344p	14.77	9.15	
11	1038a	00	8.1		21	612a	14.42	8.9	
	U E Union	Cleaning			22	1144a	14.42	8.9	
15	1107a	1.	7.2						
19	1158a	00	7.8		23	1028a	14.77	9.15	
25	1114a	00	10.9		24	1121a	14.42	8.9	
May 3	334p	6.86	12.0		25	958a	14.42	9.15	
5	1216p	6.86	11.6		26	1014a	14.42	9.15	
10	206p	6.37	10.2		27	614a	14.42	8.9	
16	1030a	17.85	33.2		28	626a	14.42	8.9	
18	1136a	13.79	32.0		29	952a	14.42	9.15	
22	1132a	4.55	9.8		30	1050a	14.42	9.15	
24	1009a	6.37	21.5		31	649a	14.07	8.9	
26	1158a	16.8	13.6		Aug 1	639a	14.42	9.15	
27	1224p	16.8	20.1		2	633a	14.77	9.15	
28	1110a	17.5	21.1		3	630a	14.42	8.9	
29	733p	17.5	25.0		4	637a	14.42	9.15	
Jun 5	532p	7.91	9.8	Storms		515p	14.07	8.9	
9	1010a	7.91	9.8		5	640a	13.44	8.25	95%RVR
12	356p	5.46	7.2		6	643a	13.44	8.05	
14	1034a	15.05	21.5		7	637a	13.44	8.05	
16	1156a	14.42	22.0		8	644a	13.44	7.85	90%
17	1232p	14.42	20.6		9	1224p	13.44	8.45	
19	1024a	21.63	30.9		10	647a	13.44	8.45	
21	1102a	23.24	34.3		11	647a	13.44	8.25	
23	350	18.62	37.8		12	638a	13.16	8.25	
25	956a	16.8	15.7		13	637a	13.16	8.05	
27	835a	15.4	12.4		14	640a	13.16	8.05	
29	1108a	15.05	11.3		15	655a	13.16	8.05	
30	1134a	15.75	14.0		16	636a	13.16	8.25	
Jly 3	834p	16.45	12.4	7	17	1220p	13.16	8.25	
4	522a	16.8	12.0		18	634a	13.16	8.25	
	633p	15.4	10.9		19	928a	12.81	8.05	
5	959a	15.05	10.2		20	1028a	12.81	8.45	
	436p	15.75	10.5		21	632a	11.55	7.2	85%
6	350p	16.1	10.9		22	1000a	12.46	7.4	
7	645a	16.1	11.6		23	638a	11.83	7.4	
8	612a	16.1	11.3		24	1142a	11.83	7.4	
9	1010a	16.1	10.5		25	318p	12.18	7.85	
10	854a	16.1	12.25		26	850a	11.83	7.65	
11	622a	15.05	10.75		27	1124a	12.18	7.65	
12	619a	15.4	10.55		28	1046a	12.46	7.65	
13	618a	15.4	10.55		29	1106a	12.46	7.65	
14	615a	16.1	11.25		30	854a	12.18	7.4	
15	634a	16.1	11.25		31	950a	12.18	7.4	
16	1208p	15.75	11.25		Sep 1	1044a	12.18	7.65	
17	1118a	15.75	11.25		2	1104a	12.18	7.4	
18	940a	16.1	10.75		3	952a	11.83	7.65	

UPPER EAST UNION CANAL AND CITY CREEK

Date 1944	Time	U.E. Union Cfs	City Creek Cfs	
Sep 4	957a	12.46	7.65	85%
5	913a	12.46	7.65	
6	1159a	12.46	7.65	
7	1137a	12.46	7.85	
8	922a	12.46	8.05	
9	1117a	12.46	7.85	
10	1140a	12.46	7.85	
11	1145a	12.46	7.85	
12	930a	12.46	7.85	
13	1040a	12.46	7.85	
14	1211p	12.46	7.85	
15	1222p	12.46	7.85	
16	1208p	12.46	7.85	
17	1122a	12.46	7.85	
18	919a	12.46	7.85	
19	1052a	12.18	7.85	
20	1245p	12.18	7.85	
22	1057a	11.27	7.40	
23	258p	13.16	8.45	90%
24	1122a	13.16	8.45	
25	1121a	12.46	8.05	
26	1156a	14.07	9.15	
28	933a	14.07	8.9	
29	1150a	16.10	11.5	100%
30	1207p	15.75	12.25	
Oct 1	1124a	15.75	11.5	Rain
2	Began spilling to Utah Lake			
4	1026a	12.18	8.45	
6	1204p	11.55	7.65	
13	1104a	10.99	8.9	
31	1150a	5.46	7.2	

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CC - Thomas Ashton

C R 1944

LITTLE DRY CREEK CANAL

Date 1944	Time	Cfs
Apl 1	632p	0.5
4	1116a	1.5
7	1140a	1.5
15	1143a	1.5
19	1229p	1.5
25	1143a	1.5
May 3	407p	1.58
5	406p	1.58
10	300p	4.06
16	1156a	11.5
18	1218p	4.06
22	1208p	5.2
24	1040a	5.34
26	1148a	9.28
29	1214p	7.89
Jun 6	1115a	6.57
9	948a	5.95
12	1225p	5.95
14	1141a	4.06
16	1222p	4.76
17	1136a	4.06
19	1020a	8.23
21	1154a	9.64
25	1158a	8.92
27	950a	6.73
29	1158a	4.48
Jly 4	627a	7.38
	720p	6.73
6	624a	7.89
	428p	7.89
7	1150a	7.55
8	643a	7.55
9	1047a	6.57
10	1230p	6.57
12	652a	7.22
13	415p	7.22
14	648a	7.89
15	1240p	7.89
17	1034a	7.22
19	658a	6.42
20	441p	5.95
21	650a	7.22
22	1230p	6.57
24	1155a	7.06
25	1102a	7.22
26	1100a	7.38
28	700a	6.26
30	1143a	5.95
31	1158a	5.95
Aug 2	1220p	6.90

7

Date 1944	Time	Cfs	
Aug 3	1050a	7.38	
5	928a	7.55	
6	1114a	7.55	
7	402p	7.06	
8	932a	8.23	
9	1152a	7.89	
11	1132a	6.90	
13	1006a	6.73	
14	1142a	7.22	
15	1038a	7.06	
16	636p	8.23	
17	1252p	8.75	
18	1114a	8.23	
20	1121a	6.57	
21	1000a	7.06	
22	1054a	6.26	
23	350p	7.72	
24	1220p	6.57	
26	935a	7.55	
27	1159p	6.57	
28	854a	6.57	
29	1132a	4.76	
30	1012a	6.26	
Sep 1	1136a	6.26	
2	1138a	6.73	
3	1047a	6.73	
5	1007a	6.57	
6	700p	5.95	
7	1239p	6.10	
9	1148a	6.26	
11	1245p	6.90	
12	1015a	7.22	
14	1048a	5.95	
16	607p	7.22	
20	455p	9.28	Spilling
22	12m	8.75	"
23	329p	8.75	
25	1050a	8.40	
26	1100a	7.89	
28	1215p	8.23	
Oct 1	1207p	8.92	
4	1102a	12.5	
31	1118a	12.5	

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C R 1944

LAKE BOTTOM CANAL

Date 1944	Time	Cfs
May 22	1220p	4.5
26	1144a	4.26
29	12M	4.26
Jun 6	1131a	9.48
9	925a	9.48
14	1130a	9.48
17	1156a	14.04
21	1145a	13.74
25	1150a	17.85
Jly 6	1045a	12.0
8	12M	12.72
15	1228p	10.8
20	430p	10.8
25	1056a	10.38
31	1215p	11.7
Aug 3	1100a	12.75
5	945a	10.0
6	1125a	12.25
7	416p	12.25
8	400p	10.0
14	1130a	11.15
17	545p	10.6
20	1110a	10.0
Sep 3	1035a	9.35
14	1100a	7.9
20	510p	9.35

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TANNER DRAIN

Date 1944	Time	Cfs
Jun 29	515p	4.41
Jly 14	320p	3.75
19	1130a	4.93
Aug 3	1145a	4.61
5	1015a	3.9
11	1215p	4.25
14	1100a	2.7
15	1120a	3.15
21	1110a	3.23

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SPRING CREEK DIVERSIONS WEST SIDE.

Date 1944	Time	Cfs
Jun 25	12M	3.93
Jly 8	1125a	4.36
15	12M	6.75
25		4.73
31	1244p	5.45
Aug 7	444p	5.85
14	1041a	4.81
Sep 14	1132a	6.35

Intermediate dates calculated by volume West Side and flow of Lake Bottom and spill, and by gate settings at head from river.

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C R 1944

FORT FIELD UPPER CANAL

Date 1944	Time	Cfs	Date 1944	Time	Cfs	
Apl 1	645p	0.5	Aug 28	844a	4.0	
7	1151a	0.5	30	1026a	2.8	
15	1155a	0.5	Sep 3	1058a	3.0	
May 22	1215p	00	5	1030a	3.0	
26	1226p	1.-	6		3.4	
29	1145a	0.7	7	1220p	3.4	
Jun 6	1035a	0.5	9	1215p	2.5	
9	940a	0.5	11	1252p	3.0	
14	1205p	0.5	14	1035a	2.4	
17	1125a	0.5	16	525p	3.8	
21	1220p	0.5	20	430p	4.4	Spill
25	1115a	4.5	23	340p	3.8	
27	1130a	3.84	25	1006a	4.6	
29	1210p	2.0	26	1050a	3.6	
6	632a	2.3	Oct 1	1217p	3.8	
6 Will put in dam to-day			31	1110a	1.5	
	439p	3.9	- - - - - - - - - - - -			
8	654a	4.0				
9	1100a	4.8				
12	702a	5.8				
13	426p	4.8				
14	658a	5.5				
17	1025a	3.8				
20	454p	4.0				
21	700a	3.8				
24	1203p	4.5				
25	1130a	3.64				
26	1108a	3.5				
28	708a	4.9				
31	1142a	2.8				
Aug 2	1150a	4.0				
3	1030a	3.4				
5	918a	4.5				
6	1100a	2.9 R				
7	350p	2.9				
8	922a	3.0				
9	1130a	3.5				
10	1204p	2.5 8				
11	1120a	3.0				
13	955a	3.3				
14	1152a	2.8				
15	1050a	3.02				
17	100p	3.7				
18	1042a	2.4				
20	1131a	3.4				
21	936a	2.2				
22	1102a	2.9				
23	337p	4.2				
26	948a	3.6				
27	1212p	3.7				

C R 1944

RIVER BY MIDWAY UPPER DAM, MIDWAY RIVER DITCH,
WASATCH CANAL, NORTH FIELD CANAL,
AND TIMPANOGUS IRRIGATION COMPANY CANAL

Date 1944	Time	RVR BY M.U. Dam	Mid RVR Dtch	Was-atch Time	Was-atch Cfs	N. Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Total Cfs
May 9	1050a	--	18.15	1040a	Clng	7.05	1020a	Cleaning	
14	900a	-	28.50	955a	2.0	42.9	930a	14.40	
15	940a	-	34.65	920a	0	41.4	900a	36.90	
16	1030a	[illegible]	32.7	1035a	50.75	47.70	1005a	35.75R	
17	330a	[illegible]	47.20	335p	49.70	64.95			
18	1110a	-	36.65	1120a	91.25	76.35	1240p	48.35	Cold
19	1030a	[illegible]	48.30	1010a	98.80	84.30	1040a	55.5	
20	930a	--	40.75	945a	93.75	78.30	-	51.35	
21	905a	--	38.65	915a	93.75	82.35	925a	49.90	
22	935a	--	41.8	945a	93.75	86.40	-	51.35	
23	930a	--	45.0	940a	103.85	94.80	955a	52.9	
24	935a	-	48.9	945a	103.85	99.15		57.6	
25			45.0		101.35	96.9		59.0	
26	950a	-	40.75	1000a	96.30	90.6	1010a	59.3	
27	955a	-	45.0	915a	103.85	101.25	925a	62.5	
28	900a	-	45.0	915a	98.8	96.9	925a	59.3	
29	905a	-	46.1	920a	107.8	96.9	1110a	59.3	
30	900a	-	45.0	910a	109.0	94.8	915a	59.3	
31	900a	-	46.1	910a	103.85	86.4	915a	57.6	
--									
Jun 1	845a	[illegible]	45.0	855a	98.8	84.3	910a	64.2	
2	1015a	--	45.0	1010a	91.25	80.25	950a	59.3	
3	915a	-	34.65	925a	81.7	70.5	935a	45.4	Rain
4	940a	[illegible]	38.65	1010a	75.95	66.9	1020a	45.35	Storm
5	900a	-	36.65		74.85	63.15	1005a	44.65	
6	925a	-	40.75	935a	77.05	64.95	945a	56.05	
7				330p	101.34	88.5			
8	910a	-	41.8	920a	103.85	90.6	935a	57.6	
9	925a	-	43.9	930a	101.35	90.6	940a	49.9	
10	600p	-	41.8	610p	98.8	90.6	620p	52.9	
11	930a	⊗	41.8	940a	96.3	88.5	955a	52.9	
12	920a	-	48.3	930a	93.8	84.3	940a	51.35	
13	859a	⊖	45.0	900a	96.3	94.8	910a	57.6	
14	905a	-	45.0	915a	98.8	88.5			
15	910a	-	43.9	920a	98.8	96.9	930a	56.05	
16	905a	-	41.8	915a	103.85	112.5	925a	57.6	
17	910a	-	42.9	920a	103.85	108.0	930a	57.6	
18	910a	-	40.75	920a	111.75	101.25	925a	57.6	
19	840a	-	41.8	850a	111.75	101.25	900a	59.3	
20	855a	-	45.0	900a	109.0	103.3	910a	59.3	
21	900a	⊖	46.1	910a	109.0	101.25	920a	59.25	
22	830a		45.0	840a	109.0	101.25	1100a	59.25	
23	930a		43.9	950a	106.35	96.9	940a	57.6	
24	830a	7.80+	43.9	840a	106.35	96.9	845a	57.6	
25	910a		45.0	920a	106.35	96.9	930a	56.05	
26	840a		51.7	850a	109.0	103.3	900a	59.3	
27	810a		41.8	850a	106.35	101.25	900a	59.3	
28	835a		42.85	950a	106.35	96.9	1000a	59.3	
29	640a		41.8	650a	103.85	92.7	700a	57.6	
30	720a		41.8	730a	98.8	94.8	740a	10.1	Break

C R 1944

RIVER BY MIDWAY UPPER DAM, MIDWAY RIVER DITCH,
WASATCH CANAL, NORTH FIEED CANAL,
AND TIMPANOGUS IRRIGATION COMPANY CANAL.

Date 1944	Time	RVR By M.U. Dam	Mid RVR Dtch	Wasatch Time	Wasatch Cfs	N. Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Total Cfs
Jly 1	700a	516	40.75	750a	96.3	90.6	755a	59.3	802.95
2	850a		42.8	910a	95.05	86.4	920a	57.6	
3	630a		42.85	620a	93.8	86.4	610a	54.5	
4	620a	360	33.7	630a	74.8	74.4	640a	52.9	595.8
5	910a	360	34.6	930a	84.05	74.4	940a	56.05	609.1
6	700a	281.	32.7	650a	74.9	70.5	640a	56.05	515.15
7	710a	82.0	6.65	700a	79.4	32.55	550a	35.15	Not settled
	1140a	65.0	15.25	1130a	79.4	34.05	1120a	37.10	230.8
8	600a	65.-	26.30	610a	79.4	39.9	620a	35.75	246.35
9	600a	79.0	14.9	610a	78.0	36.55	620a	35.10	239.85
10	610a	50.1	33.7	630a	79.4	35.75	640a	35.75	230.80
11	615a	73.0	15.6	625a	79.4	27.3	630a	35.75	231.25
12	615a	76.0	12.5	630a	77.05	27.3	640a	35.75	228.6
13	555a	63.0	12.5	605a	68.05	25.95	610a	35.10	204.6
14	545a	45.0	13.10	600a	77.05	22.2		35.1	192.45
15	600a	50.0	12.15	605a	79.4	21.0	615a	35.10	197.65
16	610a	41.0	10.6	620a	74.9	21.6	625a	35.1	183.20
17	555a	50.0	10.0	610a	77.05	18.15	615a	35.1	190.2
18	600a	44.0	10.6	615a	79.4	22.2	620a	35.1	191.3
19	555a	47.0	13.1	620a	88.9	24.6		35.1	208.7
20	625a	49.8	13.45	630a	86.4	29.85	635a	35.1	214.6
21	600a	47.0	13.1	615a	81.7	27.3	630a	35.1	204.2
22	600a	41.	12.5	615a	79.4	23.4	620a	35.1	191.4
23	630a	38.	12.5	640a	74.9	19.8	650a	35.1	180.3
24	600a	29.0	10.9	615a	75.95	21.0	620a	35.1	171.95
25	600a	29.0	10.9	615a	81.7	22.2	620a	30.6	174.4
26	600a	17.0	10.0	610a	72.55	21.0	620a	30.6	151.15
27	610a	51.2	11.5	620a	53.6	12.45	630a	33.1	161.85
28	610a	43.4	10.6	620a	55.6	13.35	625a	30.0	152.95
29	600a	10.0	10.0	615a	59.75	24.0	620a	30.0	133.75
30	610a	8.0	10.0	620a	59.75	18.75	625a	30.0	124.5
31	600a	7.0	9.4	615a	59.75	17.55	620a	30.0	123.7
Aug 1	615a	8.0	10.0	625a	59.75	15.45		30.0	123.2
2	600a	7.0	9.4	615a	57.6	14.4	620a	30.0	118.4
3	600a	3.-	3.4	610a	63.9	12.45	620a	30.0	112.75
4	555a	3.75	12.5	605a	57.6	12.45	620a	30.0	115.3
5	555a	3.75	11.85	605a	53.65	4.95	615a	30.0	103.7
6	610a	3.75	10.0	620a	27.55	17.55	630a	30.0	88.85
7	600a	1.75	8.2	630a	24.5	13.35	635a	30.0	77.8
8	600a	3.75	10.6	615a	20.35	15.45	620a	30.0	80.15
9	605a	3.75	10.0	615a	21.6	14.4	620a	30.0	79.75
10	610a	3.75	10.0	620a	21.6	13.95	630a	30.0	79.3
11	610a	35.0	11.2	620a	20.9	13.95	-	-	81.05
12	610a	45.8	10.0	620a	25.2	15.45			96.45
13	615a	50.0	10.0	625a	22.3	14.4			96.7
14	615a	51.2	10.0	630a	23.05	14.4			98.65
15	610a	54.0	10.0	6.15a	21.6	14.4			100.0
16	615a	52.6	10.0	625a	20.85	13.95			97.4
17	620a	52.6	10.0	630a	21.6	13.35			97.55
18	620a	47.0	10.0	630a	20.35	12.45			89.9
19	620a	51.2	10.0	630a	16.4	10.65			88.25
20	600a	49.8	10.0	615a	16.4	9.6			85.8

C R 1944

RIVER BY MIDWAY UPPER DAM, MIDWAY RIVER DITCH,
WASATCH CANAL, NORTH FIELD CANAL,
AND TIMPANOGUS IRRIGATION COMPANY CANAL.

Date 1944	Time	RVR BY M.U. Dam	Mid RVR Dtch	Wasatch Time	Wasatch Cfs	N. Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Total Cfs
Aug 21	610a	45.8	10.0	620a	17.65	11.55			85.0
22	620a	44.6	10.0	630a	17.65	11.55			83.8
23	620a	48.4	10.0	630a	17.65	11.55			87.6
24	610a	48.4	10.0	620a	17.65	11.55			87.6
25	615a	49.8	10.0	625a	17.65	11.55			89.0
26	620a	47.0	10.0	630a	17.65	11.55			86.2
27	620a	43.4	10.0	630a	16.4	11.55			81.35
28	620a	41.0	8.75	630a	16.4	10.6			76.75
29	620a	19.4	8.8	630a	18.9	12.45			59.55
31	1145a	1.75	7.68	1130a	28.98	16.95			56.36
Sep 4	1107a	1.75	6.64	1125a	23.76	15.9			48.05
8	1040a	1.75	10.32	1030a	20.35	13.35			45.77
11	1010a	1.75	10.6	1040a	20.35	13.35			45.95
14	1030a	1.75	8.20	1040a	17.65	12.0			32.6
17	950a	1.25	7.65	1000a	16.4	11.55			36.85
20	1040a	1.25	8.5	1050a	20.9	13.95			44.6
22	945a	1.25	6.65	1000a	16.4	10.6			40.65
25	1050a	1.25	9.1	1100a	16.4	10.66	1115a	5.75	43.1
27	1030a	1.25	8.5	1045a	16.4	10.6	1100a	5.75	42.5
30	945a	1.25	10.0	1000a	17.65	11.55	1010a	5.75	46.2
Oct 2	930a	1.25	11.2	940a	20.35	13.35	950a	2.9	49.05
5	1030a	1.25	10.0	940a	17.65	11.55	950a	6.4	46.85
10	930a	1.25	8.75	945a	16.4	11.1	955a	6.4	43.9
16	950a	1.25	10.0	1000a	18.9	11.55		6.4	48.1
22	945a	1.25	10.0	955a	18.9	12.45	1005a	6.4	49.0
30	1010a	10.-	2.65	1020a	12.95	9.6	1030a	6.4	41.6

CC - I F Baum, Thomas Rasband.

C R 1944

NATURAL PROVO RIVER HEAD HEBER VALLEY

1944

Second Feet

Date 1944	June	July	Aug	Sept	Oct
1	-	330	40	-	-
2	-	-	36	-	42
3	-	-	32	-	-
4	-	236	29	40	-
5	-	264	62	-	-
6	-	105	47	-	-
7	-	120	36	-	-
8	-	87	38	38	-
9	-	82	38	-	-
10	-	73	37	-	37
11	-	73	39	38	-
12	-	71	39	-	-
13	-	65	35	-	-
14	-	52	37	33	-
15	-	63	38	-	-
16	-	48	35	-	41
17	-	55	36	30	-
18	-	61	28	-	-
19	-	76	26	-	-
20	-	80	31	38	-
21	-	73	31	-	-
22	-	60	31	44	42
23	-	57	31	-	-
24	684	52	31	-	-
25	-	55	31	36	-
26	-	37	31	-	-
27	-	44	31	36	-
28	-	65	32	-	-
29	-	49	52	-	-
30	-	42	-	39	35
31	xx	41	48	xx	-

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CC - I F Baum, Thomas Rasband

C R 1944

SNAKE CREEK

Date 1944	Ditch	Time	Cfs
Jun 6	Creek(Ford)	145p	31.41
	West Bench	215p	6.15
	Probst	230p	2.32
			39.88
Jly 11	Creek(Ford)	115p	11.64
	Scotch	130p	5.12
	West Bench	145p	7.80
	Mound	150p	0.52
	Probst	155p	2.76
	Huber	200p	2.32
			30.16
Aug 16	Scotch	1120a	3.05
	Creek(Ford)	1150a	14.60
	West Bench		6.00
	Mound	1230p	1.00
	Probst	1245p	3.16
	Huber	1250p	0.58
			28.39

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CC - I F Baum.

C R 1944

SPRINGCREEK AND SAGEBRUSH CANAL,
CHARLESTON UPPER CANAL
CHARLESTON LOWER CANAL
ISLAND DITCH

Date 1944	Sp.Creek & Sagebrush Time	Sp.Creek & Sagebrush Cfs	Charleston Upper Canl Time	Charleston Upper Canl Cfs	Island Ditch Time	Island Ditch Cfs	Charleston Lower Canl Time	Charleston Lower Canl Cfs	By Mid. Low.Dam. Cfs
May 15	230p	16.9	255p	32.9	310p	36.9			
19	240p	25.7							
25	330p	39.75	400p	44.45	410p	20.45	425p	17.75	
31		47.0					525p	17.75	
Jun 6	425p	Drowned	410p	34.10	400p	8.90			
12	215p	50.0	225p	48.9	230p	10.95			
20	1025a	61.37	1130a	49.25	1140a	25.20	1155a	17.75	
J Jly 1	-		-		-		330p	20.3	
2	1140a	61.0	1145a	45.0	1155a	13.40			
8	420p	23.95	430p	14.15	500p	13.4	-	16.95	
16	1000a	28.8	1015a	10.7	1120a	7.35	1155a	17.75	
23	1005a	31.95	1015a	14.15	1030a	5.95			
30	1010a	22.95	1045a	15.05	1030a	7.35	-	-	12.95
Aug 6	815p	22.05	825p	8.85	830p	4.25			
12	1030a	21.15	1040a	9.95	1050a	5.55		8.65	43.02
16	210p	23.95	200p	9.95	135p	5.35			47.0
24	1045a	21.15	1055a	8.45	1110a	5.35	1125a	5.35	41.0
Sep 18	1135a	18.27	1145a	7.59	12m	2.33	1212p	4.32	
22	12m	15.20	1150a	3.80	1140a	2.05			

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CC - I F Baum.

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C R 1944

KAMAS CANAL

South Kamas Irrigation Company
And
Washington Irrigation Company

Date 1944	Time	Cfs
May 7	1020a	40.88
13	420p	54.32
17	900a	6.30 Rain
25	630p	64.82
30	320p	64.82
Jun 2	410p	14.56 Rain
7	1220p	49.42
12	120p	64.82
20	630p	82.74
25	220p	82.74
Jly 1	710p	84.7
5	935a	81.76
7	1110a	21.0
8	940a	20.44
10	230p	20.44
12	1120a	17.-
	110p	35.- 18 Stor.
14	1145a	35.1
17	730p	37.94
18	1120a	37.94
21	1120a	48.72
25	900a	48.72
28	900a	48.72
Aug 1	210p	48.72
5	900a	42.42
7	320p	42.42
10	920a	42.42
13	420p	9.-
18	630p	9.-
22	1015a	9.-
30	320p	8.26
Sep 6	420p	7.28
12	145p	7.28
18	310p	12.6

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SUNRISE CANAL

Date 1944	Time	Cfs
Jly 8	1005a	4.-
18	110p	5.- C To 3.
25	920a	6. C 2
Aug 1	250p	5.
11	1030a	6. C To 4.
22	1040a	4.-
Sep 12	210p	00

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CC - Roy Atkinson, I F Baum.

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FOURTH JUDICIAL DISTRICT COURT OF
THE STATE OF UTAH
IN AND FOR SALT LAKE COUNTY
FILED
FEB 14 1945
C. A. CRANE, Clerk
Cobrant
By