C R 1943

S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

M E A N

1929 - 1943

Year	Apl	May	Jun	July	Aug	Sept	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

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C R 1943

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 3

Month	Max	Min	Mean	Acft
Apl	1135	397	698	41546
May	1258	374	734	45161
June	1479	355	676	40203
July	365	297	325	19997
Aug	346	267	300	18419
Sept	281	255	263	15773
Max	1479			
Min	...	255		
Mean	...	...	499	
Total	...	...	...	181,099

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(297 4258)

NATURAL PROVO RIVER

UTAH VALLEY

1943

Day	Apl	May	June	July	Aug	Sept
1	397	975	1451	335	342	281
2	456	1075	1479	336	346	276
3	517	1177	1180	308	318	280
4	507	1258	1148	313	318	278
5	496	1199	1061	319	320	276
6	503	1082	825	300	328	270
7	480	918	754	316	332	270
8	521	813	716	344	332	270
9	543	715	682	337	328	272
10	526	623	683	337	303	271
11	473	621	733	305	304	271
12	442	607	667	297	298	271
13	460	614	630	297	296	255
14	561	622	609	327	288	257
15	570	583	600	334	290	255
16	669	532	554	339	310	262
17	779	486	514	336	308	261
18	770	434	522	327	302	257
19	798	391	557	328	299	258
20	865	399	526	338	275	263
21	932	374	622	344	277	260
22	930	377	543	365	279	261
23	1044	439	492	357	279	265
24	1135	538	437	323	275	266
25	1087	699	390	323	267	257
26	1037	766	397	324	275	257
27	935	833	393	319	279	260
28	858	927	373	317	284	256
29	827	927	355	312	285	256
30	828	867	376	309	278	260
31	xxx	898	xxx	316	271	xxx
Tot	20946	22769	20269	10082	9286	7952
Max	1135	1258	1479	365	346	281
Min	397	374	355	297	267	255
Mean	698	734	676	325	300	263
Aft	41546	45161	40203	19997	18419	15773

C R 1943

P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

APRIL 1943

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	387	33	420	-31	389	8	428	397
2	390	34	424	+24	448	8	432	456
3	393	34	427	+81	508	9	436	517
4	396	34	430	+68	498	9	439	507
5	396	34	430	+57	487	9	439	496
6	432	34	466	+27	493	10	476	503
7	466	34	500	-50	470	10	510	480
8	559	34	593	-83	510	11	604	521
9	609	33	642	-111	531	12	654	543
10	597	33	630	-116	514	12	642	526
11	590	33	623	-163	460	13	636	473
12	574	32	606	-178	428	14	620	442
13	567	32	599	-154	445	15	614	460
14	574	32	606	-61	545	16	622	561
15	574	32	606	-53	553	17	623	570
16	571	34	605	+45	650	19	624	669
17	574	35	609	+150	759	20	629	779
18	578	36	614	+134	748	22	636	770
19	632	36	668	+106	774	24	692	798
20	673	37	710	+128	838	27	737	865
21	736	37	773	+130	903	29	802	932
22	770	37	807	+90	897	33	840	930
23	824	38	862	+134	996	48	910	1044
24	850	39	889	+183	1072	63	952	1135
25	842	38	880	+140	1020	67	947	1087
26	883	35	918	+50	968	69	987	1037
27	897	34	931	-66	865	70	1001	935
28	912	34	946	-158	788	70	1016	858
29	907	34	941	-185	756	71	1012	827
30	912	34	946	-189	757	71	1017	828
xx	xxx	xx	xxx	xxxx	xxx	xx	xxxx	xxx
Tot	19065	1036	20101	-31	20070	876	20977	20946
Max								1135
Min								397
Mean								698
Aft								41546

P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

MAY 1943

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	907	34	941	-37	904	71	1012	975
2	912	34	946	+59	1005	70	1016	1075
3	916	32	948	+159	1107	70	1018	1177
4	936	34	970	+218	1188	70	1040	1258
5	985	34	1019	+111	1130	69	1088	1199
6	921	34	955	+59	1014	68	1023	1082
7	788	34	822	+28	850	68	890	918
8	788	34	822	-76	746	67	889	813
9	779	33	812	-164	648	67	879	715
10	775	32	807	-250	557	66	873	623
11	770	32	802	-247	555	66	868	621
12	770	31	801	-259	542	65	866	607
13	775	30	805	-256	549	65	870	614
14	779	32	811	-253	558	64	875	622
15	685	32	717	-198	519	64	781	583
16	613	32	645	-176	469	63	708	532
17	559	32	591	-168	423	63	654	486
18	526	30	556	-184	372	62	618	434
19	526	28	554	-225	329	62	616	391
20	497	28	525	-187	338	61	586	399
21	438	27	465	-150	315	59	524	374
22	412	26	438	-119	319	58	496	377
23	419	26	445	-62	383	56	501	439
24	422	24	446	+38	484	54	500	538
25	429	25	454	+192	646	53	507	699
26	472	25	497	+218	715	51	548	766
27	508	26	534	+249	783	50	584	833
28	435	26	461	+417	878	49	510	927
29	344	28	372	+508	880	47	419	927
30	381	28	409	+413	822	45	454	867
31	452	30	482	+372	854	44	526	898
Tot	19919	933	20852	+30	20882	1887	22739	22769
Max								1258
Min								374
Mean								734
Aft								45161

P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

JUNE 1943

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	548	36	584	+826	1410	41	625	1451
2	552	34	586	+855	1441	38	624	1479
3	533	32	565	+580	1145	35	600	1180
4	660	32	692	+424	1116	32	724	1148
5	801	30	831	+200	1031	30	861	1061
6	792	30	822	-24	798	27	849	825
7	788	30	818	-88	730	24	842	754
8	788	28	816	-121	695	21	837	716
9	788	28	816	-152	664	18	834	682
10	792	29	821	-153	668	15	836	683
11	801	29	830	-110	720	13	843	733
12	801	29	830	-176	654	13	843	667
13	797	28	825	-208	617	13	838	630
14	797	29	826	-230	596	13	839	609
15	792	28	820	-233	587	13	833	600
16	779	28	807	-266	541	13	820	554
17	775	28	803	-302	501	13	816	514
18	784	28	812	-303	509	13	825	522
19	719	28	747	-208	539	18	765	557
20	582	28	610	-107	503	23	633	526
21	537	27	564	+30	594	28	592	622
22	605	26	631	-120	511	32	663	543
23	652	25	677	-222	455	37	714	492
24	652	25	677	-281	396	41	718	437
25	656	24	680	-335	345	45	725	390
26	664	24	688	-341	347	50	738	397
27	660	22	682	-349	333	60	742	393
28	504	22	526	-224	302	71	597	373
29	409	22	431	-158	273	82	513	355
30	384	22	406	-125	281	95	501	376
xx	xxx	xx	xxx	xxxx	xxx	xx	xxx	xxx
Tot	20392	831	21223	-1921	19302	967	22190	20269
Max								1479
Min								355
Mean								676
Aft								40203

P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

JULY 1943

Day	Vivian Park					Utah Valley		
	River	To Fork	Total	Storage	Natural	Inflow	Total	Natural
1	365	22	387	-146	241	94	481	335
2	362	21	383	-139	244	92	475	336
3	368	21	389	-172	217	91	480	308
4	374	22	396	-172	224	89	485	313
5	381	23	404	-172	232	87	491	319
6	359	22	381	-167	214	86	467	300
7	365	22	287	-155	232	84	471	316
8	374	24	398	-136	262	82	480	344
9	374	24	398	-142	256	81	479	337
10	368	25	393	-135	258	79	472	337
11	347	25	372	-145	227	78	450	305
12	347	26	373	-152	221	76	449	297
13	347	28	375	-152	223	74	449	297
14	353	29	382	-128	254	73	455	327
15	329	29	358	-95	263	71	429	334
16	335	28	363	-94	269	70	433	339
17	335	27	362	-94	268	68	430	336
18	335	28	363	-103	260	67	430	327
19	329	27	356	-96	260	68	424	328
20	326	27	353	-84	269	69	422	338
21	332	27	359	-84	275	69	428	344
22	320	27	347	-52	295	70	417	365
23	312	26	338	-52	286	71	409	357
24	306	26	332	-81	251	72	404	323
25	306	26	332	-82	250	73	405	323
26	312	26	338	-88	250	74	412	324
27	312	26	338	-94	244	75	413	319
28	309	26	335	-94	241	76	411	317
29	303	26	329	-93	236	76	405	312
30	303	26	329	-97	232	77	406	309
31	309	26	335	-97	238	78	413	316
Tot	10497	788	11285	-3593	7692	2390	13675	10082
Max								365
Min								297
Mean								325
Aft								19997

P R O V O R I V E R

VIVIAN PARK AND UTAH VELLEY

AUGUST 1943

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	312	27	339	-76	263	79	418	342
2	309	27	336	-70	266	80	416	346
3	309	28	337	-100	237	81	418	318
4	312	31	343	-107	236	82	425	318
5	303	32	335	-98	237	83	418	320
6	292	32	324	-80	244	84	408	328
7	297	32	329	-81	248	84	413	332
8	295	32	327	-80	247	85	412	332
9	292	30	322	-80	242	86	408	328
10	300	30	330	-111	219	84	414	303
11	312	30	342	-119	223	81	423	304
12	309	30	339	-120	219	79	418	298
13	312	28	340	-120	220	76	416	296
14	306	28	334	-120	214	74	408	288
15	309	29	338	-119	219	71	409	290
16	317	30	347	-106	241	69	416	310
17	317	30	347	-105	242	66	413	308
18	314	30	344	-106	238	64	408	302
19	314	28	342	-105	237	62	404	299
20	320	28	348	-133	215	60	408	275
21	317	29	346	-132	214	63	409	277
22	317	29	346	-132	214	65	411	279
23	314	30	344	-133	211	68	412	279
24	309	28	337	-133	204	71	408	275
25	300	25	325	-131	194	73	398	267
26	309	25	334	-131	203	72	406	275
27	314	24	338	-131	207	72	410	279
28	317	25	342	-130	212	72	414	284
29	317	25	342	-128	214	71	413	285
30	320	26	346	-139	207	71	417	278
31	320	26	346	-146	200	71	417	271
Tot	9605	884	10489	-3502	6987	2299	12788	9286
Max								346
Min								267
Mean								300
Aft								18419

P R O V O R I V E R

VIVIAN PARK AND UTAH VALLEY

SEPTEMBER 1943

Day	Vivian Park					Utah Valley		
	River	Fork	Total	Storage	Natural	Inflow	Total	Natural
1	320	28	348	-138	210	71	419	281
2	320	29	349	-143	206	70	419	276
3	314	28	342	-132	210	70	412	280
4	312	28	340	-132	208	70	410	278
5	306	30	336	-130	206	70	406	276
6	300	30	330	-130	200	70	400	270
7	300	30	330	-129	201	69	399	270
8	300	30	330	-129	201	69	399	270
9	300	30	330	-127	203	69	399	272
10	300	30	330	-127	203	68	398	271
11	300	30	330	-127	203	68	398	271
12	300	29	329	-126	203	68	397	271
13	303	29	332	-145	187	68	400	255
14	303	30	333	-144	189	68	401	257
15	303	30	333	-145	188	67	400	255
16	306	30	336	-141	195	67	403	262
17	306	29	335	-141	194	67	402	261
18	303	29	332	-142	190	67	399	257
19	303	29	332	-140	192	66	398	258
20	295	30	325	-128	197	66	391	263
21	289	29	318	-124	194	66	384	260
22	289	30	319	-124	195	66	385	261
23	292	30	322	-123	199	66	388	265
24	292	31	323	-122	201	65	388	266
25	282	32	324	-132	192	65	389	257
26	295	32	327	-135	192	65	392	257
27	297	32	329	-134	195	65	394	260
28	295	31	326	-134	192	64	390	256
29	295	31	326	-134	192	64	390	256
30	295	32	327	-131	196	64	391	260
xx	xxx	xx	xxx	xxxx	xxx	xx	xxx	xxx
Tot	9025	898	9923	-3989	5934	2018	11941	7952
Max								281
Min								255
Mean								263
Aft								15773

PROVO RIVER UTAH VALLEY

"TOTAL MEASUREMENTS"

Date 1943		Diver-sions	By-To Lake	Water-works	Total Cfs	Total Viv.Pk.	Indicated Inflow
Apl	2	34	366	8	408	424	-16
	9	61	562	"	631	642	-11
	17	114	507	"	629	609	20
	22	308	524	"	840	807	33
	24	394	550	"	952	889	63
	27	404	600	"	1012	931	81
May	3	542	464	12	1018	948	70
	5	545	468	"	1025	1019	6
	11	406	329	"	747	802	-55
	19	556	48	"	616	554	62
	21	467	65	"	544	465	79
	22	422	62	"	496	438	58
	24	422	59	"	493	446	47
	25	419	59	"	490	454	36
	26	428	61	"	501	497	4
	29	369	44	"	425	372	53
	31	473	41	"	526	482	44
Jun	3	400	217	12	629	565	64
	7	418	428	"	858	818	40
	9	395	396	"	803	816	-13
	10	449	375	"	836	821	15
	12	462	368	"	842	830	12
	15	467	338	"	817	820	-3
	16	486	325	"	823	807	16
	18	486	325	"	823	812	11
	19	502	290	"	804	747	57
	23	564	171	"	747	677	70
	25	454	202	"	668	680	-12
	26	468	258	"	738	688	50
	27	456	266	"	734	682	52
	29	449	84	"	545	431	114
	30	452	46	"	510	406	104
Jly	1	446	23	12	481	387	94
	2	465	2	"	479	383	96
	5	478	2	"	492	404	88
	7	452	0	"	464	387	77
	8	462	0	"	474	398	76
	9	463	0	"	475	398	77
	14	442	0	"	454	382	72
	15	413	0	"	425	358	67
	17	418	0	"	430	362	68
	18	416	0	"	428	363	65
	19	416	0	"	428	356	72
	20	404	0	"	416	353	63
	23	407	0	"	419	338	81
	24	398	0	"	410	332	78
	25	394	0	"	406	332	74
	28	401	0	"	413	335	78
	30	392	0	"	404	329	75
	31	404	0	"	416	335	81

PROVO RIVER UTAH VALLEY

"TOTAL MEASUREMENTS"

(Concluded)

Date 1943		Diver-sions	By-To Lake	Water-works	Total Cfs	Total Viv.Pk.	Indicated Inflow
Aug	2	398	0	12	410	336	74
	4	410	0	"	422	343	79
	5	411	0	"	423	335	88
	6	394	0	"	406	324	82
	8	404	0	"	416	327	89
	13	388	0	"	400	340	60
	15	397	0	"	409	338	71
	16	412	0	"	424	347	77
	18	397	0	"	409	344	65
	19	388	0	"	400	342	58
	20	396	0	"	408	348	60
	25	388	3	"	403	325	78
	26	396	2	"	410	334	76
	27	400	0	"	412	338	74
	28	400	0	"	412	342	70
	29	398	0	"	410	342	68
	31	405	0	"	417	346	71
Sep	1	407	0	12	419	348	71
	2	407	0	"	419	349	70
	6	390	0	"	402	330	72
	9	386	2	"	400	330	70
	12	384	-	"	396	329	67
	14	390	(10)	"	402	333	69
	15	390	(6)	"	402	333	69
	17	385	(3)	"	400	335	65
	21	381	(3)	"	393	318	75
	23	374	(3)	"	386	322	64
	25	377	(3)	"	389	324	65
	27	361	(8)	"	373	329	44

Note: Diversions as shown for April, May and June are approximate.

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Jan 29,1944.

Ed H. Watson, State Engr.
401 State Capitol
Salt Lake City, Utah.

Bureau Reclamation
Knight Block
Provo, Utah.

Dear Sirs:

I hand each of you herewith Provo River Section of Commissioner's 1943 Report.

Resp.

T.F.Wentz
Commissioner.

C R 1943

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
11.William Simmons
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 McDonald 1
26-2 McDonald 2
RANGE WELLS

26-3 Hyrum Xhristensen
26-4 John Johnson
27. Baird
28. A.H.Padfield
29. Lillian McNeil

30. A.D.Prescott
31. Amos Prescott
33. Harry Morris
34. Lee Brothers
35. Robert Montgomery

36. Conrad Olofson
37. Robert Vrierley
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 Brothers

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CC - USGS; USRS; I.F.Baum.

2. WRIGHT, JOHN E., East side of Main Street thru Charleston, south of stores, NW frame dwelling; on west side of NW quarter section 23, T 4 S, R 4 E, SLM;

MP top of collar red sandstone, SE corner well, Elevation 5425.00, LS 5425.00

Dec	3,1942	18.50	Jly	2,1943	12.88
Jan	2,1943	21.64		28	15.52
Feb	3	21.30	Aug	30	19.16
Mar	1	22.24	Oct	2	22.50
	31	25.96	Nov	3	19.25
Apl	30	18.53			
Jun	3	15.66			

3. WRIGHT, DAVID E., East side of Main Street thru Charleston, SW corner of Block ____, SW Corner of fourth block North of main corner Charleston, sections 14-15-22-23, on West side of SWb quarter section 14, T 4 S, R 4 E, SLM, SE of dwelling.

MP Top concrete collar S side well: elev 5432.15.

Dec	3,1942	20.84	Jun	3,1943	12.12
Jan	2,1943	23.50	Jly	2	9.10
Feb	3	24.32		28	12.58
Mar	1	23.8	Aug	30	16.00
	31	23.58	Oct	2	20.9
Apl	30	20.5	Nov	3	20.02

4. EDWARDS, ELMER; East side of Charleston-Midway raod; first house South of River; east of dwelling; in SW corner of NW quarter section 14, T 4 S, R 4 E, SLM;

MP Top pump platform over well,Elevation 5426.67. LS 5425.9

Dec	3,1942	14.3	Jun	3,1943	11.16
Jan	2,1943	15.04	Jly	2	6.58
Feb	3	15.4		28	7.75
Mar	1	15.00	Aug	30	10.00
	31	15.24	Oct	20	12.34
Apl	30	13.76	Nov	3	13.60

5. EDWARDS, Laurence, South side of road, by SE corner dwelling, near NE corner of NW quarter of NW quarter section 14, T 4 S, R 4 E, SLM

MP SE corner of well concrete walk around well, Elevation 5438.69. LS 5438.0

Dec	3,1942	13.98	Jun	3,1943	6.84
Jan	2,1943	15.16	Jly	2	5.0
Mar	1	18.50		28	6.84
	31	15.40	Aug	30	8.34
Apl	30	13.30	Oct	2	11.75
			Nov	3	9.0

6. BROWN; Described in detail in former reports. Recorder, see record last of this section.

7. CUMMINGS; South of Brown Well in the adjacent Lot; SE of frame dwelling; NW corner of NE quarter section 14, T 4 S, R 4 E, SLM

MP Top of one inch curb west side; about four feet above ground, Elevation 5463.30.
BM on rock in SW corner of well collar elevation 5459.62. LS 5459.26

Dec	3,1942	22.53	Jly	28,1943	12.5
Apl	18,1943	23.65	Aug	14	11.6
May	19	17.8		21	13.45
Jun	3	11.66		30	14.88
	14	9.06	Sep	21	19.1
	18	9.65	Oct	2	20.0
Jly	2	8.7	Nov	3	21.58
	26	11.8			

8. WEBSTER, CHARLES E, 1500 feet East of quarter corner between 11-14, T 4 S, R 4 E, SLM in SW corner of SE quarter of SE quarter section 11, N & W of road intersection; North of dwelling.

MP top of 2" timber bar guards, third bar from West, Elevation 5485.13

Dec	2,1942	22.8	Jun	3,1943	10.2
Jan	2,1943	21.58	Jly	2	7.42
Feb	3,	25.24		28	9.5
Mar	1	25.10	Aug	30	13.35
	31	24.5	Oct	2	18.0
Apl	30	23.16	Nov	3	20.74

9. RICHIND, WILLIAM, North side of road; by old building; curb and pulley rack; In SE 1/4 of SW 1/4 section, 12 T 4 S, R 4 E, SLM

MP top of pot-rock lining and collar, level with LS elevation 5534.82

Dec	3,1942,	51.7	Jun	2,1943	32.92
Jan	2,1943	51.7	Jly	2	27.66
Feb	2	Dry		28	30.9
Mar	1	Dry	Aug	30	38.33
	31	57.42	Oct	2	44.42
Apl	18	56.75	Nov	3	46.5
	30	55.5			

11. SIMMONS,WILLIAM, Esst of road, East of dwelling; SW corner of NW 1/4 of SW 1/4 section 12, T 4 S, R 4 E, SLM
MP Top end steel corrugated lining, N side; Elevation 5483.77; LS 5484.9

Dec	2,1942	17.42
Jan	2,1943	18.75
Feb	3	Cover froze down
Mar	1	Bad Dog
	"	"

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12. CARLILE, GEORGE R.: ESTATE: West side of road, SW dwelling; near SE corner of NE 1/4 of NE 1/4 section 11, T 4 S, R 4 E:

MP Top concrete walk around well.Elevation 5471.19. LS 5470.8

Dec	3,1942	10.12	Jun	3,1943	4.00
Jan	2,1943	11.95	Jly	2	3.44
Feb	3	13.5		28	3.2
Mar	1	11.9	Aug	30	4.04
	31	12.42	Oct	2	6.16
Apl	30	8.58	Nov	3	8.84

14. WEBB, ED: West of brick dwelling; South of road; In NW 1/4 of SW 1/4 section 13, T 4 S, R 4 E,

MP wood cover base of pump, elevation 5530.21. LS 5530.0

Dec	3,1942	53.00	Jun	2,1943	36.5
Jan	1,1943	59.4	Jly	2	18.2
Feb	3	61.4		28	14.5
Mar	1	62.0	Aug	30	42.5
	31	59.6	Oct	2	50.3
Apl	30	57.0	Nov	3	40.08

15. CASPER; South of road, South of dwelling; concrete pipe lining projecting three feet above ground; center North side of NW 1/4 of SE 1/4 section 14, T 4 S, R 4 E.

MP top concrete pipe lining on north side; Elevation 5484.02 LS 5481.1

Dec	3,1942	31.0	Jun	2,1943	21.6
Jan	2,1943	33.67	Jly	2	20.0
Feb	3	34.33		28	21.66
Mar	1	34.0	Aug	30	23.5
	31	33.96	Oct	2	30.84
Apl	30	32.0	Nov	3	27.75

16. WIDDISON, JOSEPH; East of road; SE of dwelling; Sw corner of NW 1/4 of SE 1/4 section 14, T 4 S, R 4 E.

MP top of collar south side; elevation 5481.85; LS Same.

Dec	3,1942	31.75	Jun	2,1943	22.6
Jan	2,1943	36.00	Jly	2	20.42
Mar	1	37.0		28	23.0
	31	36.04	Aug	30	25.92
Apl	30	31.25	Oct	2	33.25
			Nov	3	27.5

17. SIMMONS, STEVE; North of New Road; east of ditch; in NW 1/4 of NE 1/4 section 23 T 4 S, R 4 E.

MP top of meter box cover set in concrete cover,Elevation 5475.72

Dec	3,1942	24.66	Jun	3,1943	22.43
Jan	2,1943	36.58	Jly	2	25.24
Feb	3	36.4		28	28.4
Mar	1	35.95	Aug	30	31.32
	31	35.9	Oct	2	35.5
Apl	30	27.76	Nov	3	25.0

18. RICHIE,CLIFFORD; East of dwelling about 250 feet east of main corner charleston, South of street; in NW 1/4 of NW 1/4 section 23, T 4 S, R 4 E. Depth 29.4

MP Top of collar level with LS. Elevation _____

Dec	3,1942	21.25	Apl	30,1943	21.08
Jan	2,1943	26.34	Jun	3	16.75
Feb	3	27.58	Jly	2	16.9
Mar	1	24.9		28	Bad Dog
	31	27.16			" "

19. DURTSCHI; Stringtown of Midway; east of rod; east of dwelling; in pumphouse; in SW 1/4 of NE 1/4 section 10, T 4 S, R 4 E.

MP floor of pumphouse, Elevation _____

Dec	3,1942	12.04	Jun	3,1943	7.02
Jan	2,1943	12.64	Jly	2	6.14
Feb	3	13.24		28	5.46
Mar	1	~~4.05~~ 14.40	Aug	30	8.42
	31	12.5	Oct	2	10.12
			Nov	3	12.04

23. HOWE, L.J.; Mouth Daniels Canyon

MP floor of well house. Elevation 6001.19 Depth 106.5

Dec	2, 1942	Pumping	Jun	2,1943	99.04
Jan	2,1943	103.06	Jly	2,	95.0
Feb	1	103.5		28	95.0
Mar	1	104.2	Aug	30	101.4
Apl	30	102.1	Oct	2	98.7
			Nov	3	99.9

25. WATSON, JACK; NW corner 4th N. and 6th East Streets Heber City West of house by fence line.

MP Top wood collar level with ground. Elevation 5618.14

Dec	2,1942	13.10	Jun	2,1943	00.00
Jan	2,1943	16.95	Jly	2	00.00
Feb	1	18.5		28	00.00
Mar	1	18.66	Aug	30	00.00
	31	17.44	Oct	2	6.33
Apl	30	7.84	Nov	3	11.50

26-1 MCDONALD -1; NE intersection, east of house SW corner section 3, T 4 S, R 5 E,

MP top sandstone cover level with ground. Elevation _____ 43' Deep

Dec	2,1942	29.58	Jun	2,1943	6.12
Jan	2,1943	25.40	Jly	2	4.50
Feb	1	27.64		28	11.50
Mar	1	37.84	Aug	30	15.3
	31	21.40	Oct	2	24.0
Apl	30	19.48	Nov	3	24.25

26-2 MCDONALD -2 NW intersection, west of house, SE corner section 4, T 4 S, R 5 E,

MP top sandstone lining, south side, level with Ls, Elevation 5798.84

Dec	2,1942	29.9	Jun	2,1943	9.08
Jan	2,1943	28.9	Jly	2	6.92
Mar	1	42.92		28	13.52
	31	25.46	Aug	30	20.58
Apl	30	24.76	Oct	2	28.3
			Nov	3	29.5

26-3 CHRISTENSEN, HYRUM; SW intersection, SW of house; NE corner section 9, T 4 S, R 5 E.

MP top of concrete copping around well, N side, Elevation _____

Dec	2,1942	31.2	Jun	2,1943	9.02
Jan	2,1943	30.42	Jly	2	6.84
Feb	1	32.75		28	12.88
Mar	1	40.08	Aug	30	17.47
	31	28.54	Oct	2	26.0
Apl	30	23.12	Nov	3	28.0

26-4 JOHNSON, JOHN; SE intersection, east of dwelling; on East bank of Timpanogus Canal, across street South of 26-1, NW corner section 10, T 4 S, R 5 E, Head of a depression that looks like an Old Spring; water sometimes runs out top of well.

MP top wood cover over well, Elevation _____

Dec	2,1942	23.3	Jun	2,1943	1.08
Jan	2,1943	25.08	Jly	2	2.00
Feb	1	23.0		28	7.68
Mar	1	26.84	Aug	30	12.8
	31	21.0	Oct	2	18.5
Apl	30	16.64	Nov	3	19.42

27. BAIRD; South of dwelling; one mile South at the end of Main Street Heber City; NW Corner section 8, T 4 S, R 5 E; Dug 1883-84 and about 1893 and had about two feet of water. Depth 142 feet.

MP concrete collar, elevation 5636.71

Jan	1,1943	108.0	Jun	2,1943	90.4
Feb	1	113.3	Jly	2	62.0
Mar	1	117.3		28	57.2
	31	116.4	Aug	30	63.04
Apl	30	117.7	Oct	2	75.9
			Nov	3	84.5

28. PADFIELD, A.H.; 20 feet West of dwelling; North side road; one mile south and one mile west of Kamas.

MP top wood cover, south side; Elevation _____ LS is 0.7' below MP.

Dec	16,1942	6.5	Jly	15,1943	4.84
Jan	13,1943	6.5	Aug	13	5.7
Feb	20	4.52	Sep	14	6.25
Apl	18	4.95	Oct	15	3.96
May	18	4.64	Nov	17	5.00
Jun	17	4.82			

29. MCNEIL, LILLIAN; (Richardson) Same as No. 24; at Francis; 25 feet west of green frame house, in front yard, at NE corner of cross-roads in Francis; SW corner section 28, T 2 S, R 6 E,

Mp top of well cove at pump base, 0.7' above LS

Dec	16,1942	27.97	Jly	20,1943	17.16
Jan	13,1943	29.5	Aug	13	20.3
Feb	20	24.92	Sep	12	22.75
Apl	18	26.04	Oct	15	20.8
May	18	17.6	Nov	17	26.24
Jun	17	8.5			

30. PRESCOTT, A.D.: North side of road; no dwelling; three-fourths mile East of Francis cross-roads; near SW corner of SE 1/4 of SE 1/4 section 28, T 2 S, R 6 E,

Mp top concrete curb. Ls is 0.58 below MP

Dec	16,1942	12.34	Jly	20,1943	00.00
Jan	13,1943	20.2	Aug	13	00.00
Apl	18	11.42	Sep	14	2.20
May	18	8.84	Oct	15	2.9
Jun	18	00.00	Nov	17	8.0

31. PRESCOTT, AMOS; 12-16-42 Wellcovered over.

33. MORRIS,HARRY; at southeast corner of frame house, just west of Hailstone Garage, on south side road.

MP top wood cover, north side, Elevation 5936.21 LS 5935.7

Dec 16,1942	8.26	Jun 17,1943	3.5
Jan 13,1943	10.40	Jly 15	5.58
Feb 15	6.24	Aug 13	Dry
Mar 15	5.16	Sep 14	7.46
Apl 18	8.90	Oct 15	6.24
May 18	6.16	Nov 17	10.00

34. LEEBROTHERS; 1.2 miles North Hailstone, at NE corner of large red sandstone house on east side of road.

MP top well cover elevation 6022.24m LS 6021.2

Dec 16,1942	27.66	Jun 17,1943	27.56
Jan 13,1943	27.70	Jly 15	29.76
Feb 15	28.84	Aug 13	28.70
Mar 15	26.58	Sep 14	29.66
Apl 18	27.58	Oct 15	28.00
May 18	28.30	Nov 17	27.50

35. MONTGOMERY,ROBERT; Pile 13.0 feet; 6th Est and Center Street, Heber City;167 feet east NE corner street intersection; 11.5 feet south of north side of street, 2 feet east of light pole, in street in front of Montgomery Well, No.9 of 1915 observations, C R 1939.

MP top pipe elevation 5632.58 LS 5632.1

Dec 2,1942	Dry	Jun 2,1943	1.90
Jan 2,1943	"	Jly 2	3.75
Feb 1	"	28	3.30
Mar 1	"	Aug 30	5.92
31	"	Oct 2	11.6
Apl 30	9.75	Nov 3	Dry

36. OLOFSON,CONRAD; Converted to cess-pool.

37. BRIERLEY, ROBERT;3 S, 1 W, Heber City; No 116 W, 3 S;in front yard; 61 feet west and 26 feet north of lot corner; Depth 57 feet; across street north of old "BUYS WELL" No 12 of 1915 observations, page 59 of 1939 report.

MP top of pipe, pipe is cemented through hole in sandstone cover, elevation 5596.77 LS same.

Dec 2,1942	29.5	Jly 2,1943	10.42
Jan 2,1943	36.66	28	8.58
Feb 1	31.00	Aug 30	10.67
Mar 31	32.0	Oct 2	18.24
Apl 30	29.6	Nov 3	23.95
Jun 2	12.08		

38. SMITH.PHILLIP; two miles north and one mile west of Heber City; east side road Midway to Heber Plant, on west side of river; SW 1/4 section 24, T 3 S, R 4 E; in front of old Sawed Log House; pipe in abandoned well, pipe 14 feet.

MP top of pipe, LS Same.

Dec 3,1942	8.75	Jly 7,1943	9.58
Jan 2,1943	9.4	Aug 30	10.04
Mar 31	7.34	Oct 2	9.66
Apl 30	7.70	Nov 3	8.96
Jun 11	9.1		

39. WITT,FRANK; two blocks north of Depot Heber City; fence line west side of street, fence corner of drive-way, fifty feet NE of house; "OLD WITT WELL" has been converted to cess-pool; 13.5 feet pipe, top of pipe is 1.5 feet above LS.

MP Top pipe elevation 5558.83 LS 5557.3

Dec	2,1942	9.75	Jun	2,1943	6.42
Jan	2,1943	11.00	Jly	2	5.76
Feb	1	8.9		28	4.75
Mar	1	8.44	Aug	30	5.75
	31	9.06	Oct	2	8.18
Apl	30	9.5	Nov	3	8.50

40. ALLISON J.W.; one mile south and three miles east of Heber City; SW corner section 2, T 4 S, R 5 E, North side of road, second house from corner, in front yard south of house. Dug 1890. Cold water granite foot hills at north.

Mp top wood cover elevation 5928.90; LS 5927.6

Dec	2,1942	30.30	Jun	2,1943	3.60
Jan	2,1943	32.8	Jly	2	16.3
Feb	1	23.0		28	18.44
Mar	1	32.8	Aug	30	26.5
	31	21.32	Oct	2	27.7
Apl	30	18.6	Nov	3	23.66

41. ANDERSON,JOSEPH: one mile east and about 0.4 mile south of Heber City; NW corner of south 1/2 of SW 1/4 of NW 1/4 section 4, T 4 S, R 5 E, east side of road and canal, SW of house in front yard;

MP sandstone collar NE side; Elevation 5686.16 LS same. Depth 27.5'

Dec	2,1942	24.98	Jun	2,1943	2.57
Jan	2,1943	22.33	Jly	2	4.10
Feb	1	23.42		28	5.42
Mar	1	22.84	Aug	30	12.46
	31	14.76	Oct	2	19.33
Apl	30	16.80	Nov	3	22.50

42. PACE,G.M.; Three miles north of Heber City, NE corner of NW 1/4 of NE 1/4 section 19, T 3 S, R 5 E, west side of road, south of house, one of oldest wells in valley, dug deeper 1910 not dry since.

MP top concrete collar on east side; elevation 5690.29 LS 5689.8

Jan	1,1943	34.33	Jly	2,1943	10.52
Feb	1	35.00		28	11.96
Mar	1	34.74	Aug	30	19.30
	31	30.34	Oct	2	15.5
Jun	2	11.75	Nov	3	22.1

43. LONDON PIPE; 1.75 miles north of Heber City; west side of road by fence and in line with fence running west; installed 1940 by USRS

MP top of pipe; 0.9' above LS.

Dec	2,1942	4.50	Jly	2,1943	3.9
Jan	2,1943	5,12		28	3.5
Mar	31	3.92	Aug	30	3.25
Apl	30	4.20	Oct	2	3.24
Jun	2	4.00	Nov	3	2.84

44. CROOK, CHASE; 4.5 miles East and one-half mile south of Heber City; on Lake Creek; south of center section 1, T 4 S, R 5 E. in yard west of house painted yellow tan, set back short distance from road, on north side.

MP top wood cover by pump base; elevation 6111.91 $ LS same.

Dec	2,1942	10.42	Jly	2,1943	12.50
Jan	2,1943	9.06		28	11.8
Feb	1	12.32	Aug	30	12.86
Mar	31	12.46	Oct	2	11.02
Apl	30	10.30	Nov	3	12.5

46. CARLILE,HART: See record last section of this report.

48. JORDAN BROS: Six miles north of Heber City, just south of river bridge; near north line of NE 1/4 of NW 1/4 section 6, T 3 S, R 5 E, east of road in back yard of center house of three, has electric pump installed 1940.

MP wood cover base of pump, elevation 5871.96 LS same

Dec	16,1942	6.68	Jun	17,1943	5.24
Jan	13,1943	6.00	Jly	15	5.02
Feb	3	5.08	Aug	13	6.33
Mar	15	4.3	Sep	14	6.78
Apl	18	4.18	Oct	15	4.60
May	18	3.88	Nov	17	5.84

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R A N G E

W E L L S

1 9 4 3

No.	Name	Range Feet	Mean
Above Irrigation:			
34.	Lee Brothers	3.18	
33.	Harry Morris	6.9	
48.	Jordan Brothers	2.9	
38.	Phillip Smith	2.7	
43.	London	2.28	
44.	Chase Crook	2.56	
23.	L.J.Howe	8.5	/ 4.14
Mid-Valley:			
42.	G.M.Pace	24.48	
46.	Hart Carlile	~~38.3~~ 39.3	
37.	Robert Brierly	28.08	
41.	Joseph Anderson	22.41	
40.	J.W.Allison	29.2	
26-1	McDonald -1	33.34	
26-2	McDonald -2	36.0	
26-3	HyrumChristensen	33.24	
26-4	John Johnson	25.76	
9.	William Richins	29.76	
18.	Ed Webb	47.5	31.64
Lower Valley:			
8.	Charles E.Webster	17.82	
20.	Laurence Edwards	13.5	
6.	Brown	~~(15.)~~ 16.85	
7.	Cummings	14.95	
15.	Casper	14.33	
16.	Joseph Widdispm	16.58	
17.	Steve Simmons	14.13	
3.	David E.Wright	15.22	
2.	John E.Wright	13.08	14.95
Near River Bottoms:			
39.	Frank Witt	6.25	
12.	George R.Carlile	10.3	
4.	Elmer Edwards	8.66	
19.	Durtschi	8.94	8.54

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Charlotte Brown — Charleston

Water Level at noon, in feet below measureing point, 1943(From Recorder Chart)
Measuring point: Top of curb South Side(Substract 3.0 feet to U.S.G.S MP)

Day	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sept	Oct	Nov	Dec
1	21.06	21.47	21.13	21.17	18.47	10.29	7.26	8.63	12.95	16.82	18.45	19.68
2	21.07	21.53	21.27	21.03	17.93	9.90		8.62	13.42	16.99	18.49	19.73
3	21.10	21.54	21.37	20.98	17.92	9.21		9.19	13.60	17.15	18.53	19.78
4	21.13	21.53	21.48	20.68	17.55	8.60		9.65	13.97	17.30	18.55	19.84
5	21.15	21.57	21.57	20.47	16.52	8.67		10.13	13.79	17.50	18.53	19.90
6	21.20	21.61	21.67	20.40	16.74	8.83		10.52	13.87	17.54	18.55	19.94
7	21.26	21.64	21.74	20.32	16.75	8.98		10.50	13.55	17.70	18.58	19.98
8	21.28	21.69	21.76	20.28	16.81	9.40	8.20	9.95	12.25	17.75	18.61	20.02
9	21.32	21.70	21.05	20.23	16.75	9.68	7.92	9.37	12.91	17.68	18.64	20.04
10	21.35	21.73	20.50	20.29	16.30	9.21	7.30	10.06	13.41	17.78	18.67	20.05
11	21.38	21.82	20.20	20.32	15.30	8.57	7.75	10.57	14.40	17.83	18.68	20.05
12	21.40	21.85	20.05	20.32	14.22	6.94	8.28	10.71	14.98	17.33	18.67	20.07
13	21.40	21.88	19.97	20.32	14.60	6.54	8.44	11.13	15.05	17.25	18.66	20.08
14	21.42	21.93	20.02	20.32	14.72	6.70	9.00	11.58	15.26	17.28	18.68	20.10
15	21.43	21.93	20.07	20.34	14.70	6.35	9.30	12.00	15.47	17.00	18.72	20.12
16	21.45	21.92	20.20	20.37	14.93	6.80	9.77	11.70	15.53	16.87	18.75	20.24
17	21.47	22.03	20.30	20.41	15.03	7.05	9.82	11.17	13.90	16.74	18.80	20.26
18	21.50	22.07	20.43	20.42	14.90	7.02	9.87	10.62	13.36	16.41	18.85	20.26
19	21.53	22.07	20.54	20.37	14.63	6.98	8.75	9.25	14.99	15.75	18.90	20.37
20	21.57	22.09	20.67	20.28	13.78	6.67	8.17	10.02	15.69	16.04	18.97	20.36
21	21.58	22.10	20.77	20.21	10.10	6.50	7.92	10.44	16.01	16.43	19.03	20.37
22	21.23	21.84	20.84	20.30	10.52	5.25	8.14	11.10	16.20	17.15	19.07	20.44
23	21.08	21.54	20.96	20.27	11.24	5.68	7.55	11.75	16.50	17.52	19.10	20.49
24	20.93	21.32	21.00	20.15	11.03	6.24	8.04	11.97	16.76	17.75	19.15	20.52
25	20.93	21.12	21.03	20.03	11.55	6.15	8.75	12.50	16.57	17.91	19.23	20.57
26	20.97	21.00	21.09	20.00	11.66	6.75	8.92	12.97	16.47	18.03	19.32	20.59
27	21.06	20.99	21.12	19.94	11.85		9.48	12.84	16.42	18.14	19.38	20.65
28	21.17	21.02	21.15	19.46	12.24		9.58	12.27	16.03	18.24	19.47	20.69
29	21.24		21.18	19.51	12.40		8.90	11.79	16.28	18.29	19.54	20.71
30	21.34		21.20	18.50	11.63		8.43	11.95	16.60	18.36	19.61	20.76
31	21.42		21.22		10.86		8.46	12.48		18.42		20.76

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Hartley Carlile
Water Level at noon, in feet below measuring point, 1943, (from recorder charts)

Day	Jan	Feb	Mar	Apl	May	June	July	Aug	Sept	Oct	Nov	Dec
1		54.25	55.09	55.77	51.86	32.25	19.74	18.15	24.48	31.51	34.70	42.50
2		54.38	55.30	55.70	51.29	28.70	19.80	18.41	24.65	31.48	34.97	42.73
3		54.50	55.48	55.55	51.07	28.23		18.27	24.95	31.42	35.25	
4	51.57	54.62	55.64	55.47	50.61	27.22		18.13	24.88	31.47	35.55	
5	51.69	54.74	55.79	55.26	49.57	27.44		17.73	25.20	31.53	35.77	
6	51.82	54.87	55.95	54.94	49.68	26.58		18.20	25.60	31.63	36.03	
7	51.95	54.99	56.10	54.75	49.35	27.25		18.63		31.82	36.38	
8	52.02	55.10	56.23	54.47	49.00	27.56	20.90	18.25		31.97	36.75	
9	52.13	55.23	56.04	54.25	48.30	27.68		18.60	26.30	32.10	37.15	
10	52.25	55.35	54.85	54.14	47.70	27.10	20.22	18.94		32.21	37.51	
11	52.38	55.47	54.25	54.17	46.12	26.18	19.98	18.54		32.16	37.91	
12	52.52	55.58	53.88	54.22	45.82	25.16	20.02	19.45		32.31	38.20	
13	52.62	55.70	53.55	54.22	45.45	24.90	20.17	19.57		32.52		
14	52.72	55.80	53.50	54.18	44.15	24.37	20.50	19.78		32.65		
15	52.83	55.90	53.58	53.83	42.60	23.80	20.25	20.05		32.78		
16	52.93	56.00	53.79	53.68	41.90	23.49	20.05	19.85	27.62	32.86		45.56
17	53.04	56.10	54.00	53.48		23.70	19.88	19.65	28.02	32.80		45.73
18	53.16	56.10	54.10	53.46		23.12	20.16	20.16	28.36	32.70	39.65	45.87
19	53.28		54.33	53.54		22.45	20.36	20.50	28.50	32.72	39.88	46.02
20	53.38	56.36	54.57	53.55	38.00	21.70	20.29	20.62	28.60	32.80	40.10	46.18
21	53.48	56.42	54.77	53.48	38.04	20.99	19.05	20.65	28.90	32.72	40.35	46.34
22	53.47	56.49	54.93	53.50	37.76	20.41	18.00	20.95	28.83	32.56	40.55	46.52
23	53.36	56.01	55.10	53.61	37.01	20.20	18.59	21.10	29.15	32.54	40.74	46.72
24	53.28	55.31	55.25	53.73	35.97	19.65	18.85	21.24	29.55	32.72	41.00	46.90
25	53.33m	55.01	55.47	53.80	35.69	20.02	17.33	21.37	29.86	32.93	41.27	47.03
26	53.42	54.88	55.60	53.71	35.71	20.19	17.18	21.85	30.09	33.16	41.52	47.18
27	53.57	54.83	55.71	53.55	35.46	20.06	17.63	22.57	30.34		41.71	47.36
28	53.67	54.93	55.74	53.42	35.00	19.65	17.45	23.14		33.79	41.92	47.53
29	53.82		55.70	53.08	34.16	19.54	17.35	23.56		33.98	42.10	47.68
30	53.97		55.69	52.56	33.88	19.73	17.17	23.75	31.45	34.20	42.28	47.85
31	54.10		55.71		33.85		17.72	24.05		34.44		47.98

C R 1943

STORAGE
SUMMARY
1943

RELEASE TO
PROVO RIVER

	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Totals
Weber River	62	11350	13828	10325	-	-	-	-	35565
Storage Head Provo River	-	-	-	2650	5595	2626	180	-	11051
Totals	62	1350	13828	12975	5595	2626	180	-	46616

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TO DELIVERY:

Deer Creek Resr:-									
Weber River	-	10852	13976	10737	-	-	-	-	35565
Head Provo Stor	-	-	-	2000	2655	-	-	-	4655
Extension Irr. Co	-	-	-	-	822	-	-	-	822
Timpanogus Irr. Co	-	-	-	-	1498	848	-	-	2346
Wasatch Irr. Co	-	-	-	-	524	1021	90	-	1635
Washington Irr. Co	-	-	-	-	283	714	-	-	997
South Kamas Irr. Co		-	-	-	150	-	-	-	150
Totals	-	10852	13976	12737	5782	2733	90	-	46170

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STORAGE
SUMMARY
1943

Name	1943 Storage	Losses Trans	Losses Stor	Net Storage	Deli-very	Bal-ance
Extension Irr. Co						
Head Provo	451	18	-	433)		
Echo	360	-	4	356)	822	-33
Echo	4	-	-	4	-	4
Timpanogus Irr. Co						
Head Provo	2409	96	-	2313	2346	-33
Wasatch Irr. Co						
Head Provo	1686	67	-	1619	1635	-16
Washington Irr. Co						
Head Provo	871	35	-	836)		
Deer Creek	151	6	1	144)	997	-17
South Kamas Irr Co.						
Deer Creek	151	6	1	144	150	-6

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STORAGE
SUMMARY
1943

DEER CREEK RESERVOIR

November 15, 1942 - October 15, 1943

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Deer Creek Project:

1942 Date	Change	Credit Storag	Draft- Trans	Bal- ance	Remarks
Nov 15				2817	
	Loss		13	2804	
Dec	Loss		5	2799	
1943 Date					
Jan	Loss		3	2796	
Feb	Loss		6	2790	
Mar	Loss		23	2767	
Apl	Impd	10852		13619	From Weber River
	Loss		96	13523	
May	Impd	13976		27499	From Weber River
	Loss		328	27171	
Jun	Alloc	~~15000~~	15000	12171	Allocated to Stockholders
	Impd	10737		22908	From Weber River
	Loss		297	22611	
Jly	Alloc		14000	8611	Allocated to Stockholders
	Alloc		4806	3805	Echo Storage Allocated
	Loss		110	3695	
Aug	Alloc		59	3636	Echo Storage Allocated
	Loss		55	3581	
Sep	Loss		40	3541	
Oct 15	-	-	-	3541	

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Provo Reservoir Water Users Company
"M" Canal

1942 Date	Change	Credit Storag	Draft Trans	Bal-ance	Remarks
Nov 15				0	
Dec				0	
1943					
Jan				0	
Feb				0	
Mar				0	
Apl				0	
May	Impd	1614		1614	Canal broke of no fault of their own, impounded Provo River Right.
	Loss Ad	69		1683	Credit on Reservoir loss.
Jun	Alloc	2495		4178	Of Project Storage
	Draft		527	3651	
	Loss Ad	55		3706	
Jly	Alloc	2328		6034	Of Project Storage
	Draft		4160	1874	
	Alloc	4450		6324	Echo Storage
	Trans	656		6980	Exchange Head Provo Storage for Deer Creek Storage
	Seg	3886		10866	Head Provo River storage
	Trans	1499		12365	Highland Storage to "M" Canal
	Draft		2002	10363	
	loss		167	10196	
Aug	Trans	194		10390	P.Grove & Lindon Storage to "M" Canal.
	Alloc	55		10445	Echo Storage
	Draft		5533	4912	
	Loss		122	4790	
Sep	Trans	4396		9186	U L Distributing Co To "M" Canal
	Draft		6284	2902	
	Loss		71	2831	
Oct 1-15	Draft		506	2325	

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Provo City

L942 Date	Change	Credit Storag	Draft Trans	Bal-ance	Remarks
Nov 15				985	Includes 194 of Head Provo Stor
	LOss		5	980	
Dec	Loss		1	979	
1943					
Jan	Loss		1	978	
Feb	Loss		2	976	
Mar	Loss		8	968	
Apl	Loss		12	956	
May	Loss		15	941	
Jun	Alloc	1246		2187	Of Project Storage
	Loss		35	2152	
	Draft		50	2102	To Tanners
Jly	Alloc	1163		3265	Of Project Storage
	Trans		1000	2265	Assigned to Provo Bench C & I Co
	Draft		170	2095	To Tanners
	Seg	764		2859	Head Provo Storage
	Draft		162	2697	To Tanners
	Loss		47	2650	
Aug	Draft		325	2325	
	Loss		39	2286	
Sept	Draft		104	2282	To Tanners
	Draft		180	2002	To Waterworks-- Loss Creek & Falls. Exchange.
	Loss		24	1978	
Oct 15				1978	

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Pleasant Grove And Lindon

1942 Date	Change	Credit Storag	Draft Trans	Bal-ance	Remarks
Nav 15				49	
Dec				49	
1943					
Jan				49	
Feb				49	
Mar				49	
	Loss		1	48	
Apl				48	
May				48	
Jun	Alloc	78		126	Of Project Storage
	Loss		2	124	
Jly	Alloc	73		197	
	Loss		3	194	
Aug	Assigned		194	0	Assigned to PRWU Company Canal.
Sep				0	
Oct 15				0	

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Utah Lake Distributing Company

1942 Date	Change	Credit Storag	Draft Trans	Balance	Remarks
Nov 15				0	
1943	No Holdover				
May				0	
Jun	Alloc	2370		2370	Of Project Storage
	Loss		38	2332	
Jly	Alloc	2212		4544	Of Project Storage
	Loss		78	4466	
Aug				4466	
	Loss		70	4396	
Sep	Trans		4396	00	To PRWUCo Canal.
Oct 15				00	

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Highland Conservation District

1942 Date	Change	Credit Storag	Draft Trans	Balance	Remarks
Nov 15				0	
	No Holdover				
1943					
Jun	Alloc	782		782	Of Project Storage
	Loss		12	770	
Jly	Alloc	729		1499	Of Project Storage
	Trans		1499	00	To PRWUCo Canal
Oct 15				00	

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Metro District Of Lehi

1942 Date	Change	Credit Storag	Draft-Trans	Balance	Remarks
Nov 15				0	
	No Holdover				
1943					
Jun	Alloc	78		78	Of Project Storage
	Loss		1	77	
Jly	Alloc	73		150	" " "
	Loss		3	147	
Aug	Loss		2	145	
Sep	Loss		2	143	
Oct 15				143	

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Metro District Of Orem

1942 Date	Change	Credit Storage	Draft-Trans	Bal-ance	Remarks
Nov 15				148	
	Loss		1	147	
Dec				147	
1943					
Jan				147	
Feb				147	
Mar				147	
	Loss		1	146	
Apl	Loss		1	145	
May	Loss		2	143	
Jun	Alloc	234		377	Of Project Storage
	Loss		6	371	
Jly	Alloc	219		590	Of Project Storage
	Loss		10	580	
Aug	Trans		50	530	To Provo Bench C & I Co.
	Loss		9	521	
Sep	Loss		6	515	
Oct 15				515	

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Metro District American Fork

1942 Date	Change	Credit Storage	Draft-Trans	Bal-ance	Remarks
Nov 15				49	
Dec				49	
1943					
Jan				49	
Feb				49	
Mar				49	
	Loss		1	48	
Apl				48	
May				48	
Jun	Alloc	78		126	Of Project Storage
	Loss		2	124	
Jly	Alloc	73		197	Of Project Storage
	Loss		3	194	
Aug	Los		3	191	
Sep				191	
	Loss		2	189	
Oct 15				189	

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Provo Bench Canal & Irrigation Co.

1942 Date	Change	Credit Storag	Draft- Trans	Bal- ance	Remarks
Nov 15				0.	
Dec				0	
	No Holdover				
1943					
Jan				0	
Feb				0	
Mar				0	
Apl				0	
May				0	
Jun	Alloc	312		312	Of Project Storage
	Loss		5	307	
Jly	Alloc	291		598	Of Project Storage
	Trans	1000		1598	From Provo City Assignment.
	Draft		230	1368	
	Loss		26	1342	
Aug	Trans	50		1392	Assign from Orem
	Draft		620	772	
	Loss		16	756	
Sep	Draft		90	666	
	Loss		8	658	
Oct 15				658	

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Class "A" & Utah Power & Light Co

1942 Date	Change	Credit Storag	Draft Trans	Bal- ance	Remarks
Nov 15				3	
Dec				3	
1943					
Jan				3	
Feb				3	
Mar				3	
Apl				3	
May	Impd	222		225	
Jun	Draft		174	51	
	Loss		4	47	
Jly	Draft		9	38	
	Loss		1	37	
Aug	Draft		60	-23	
Sep	Draft		152	-175	
Oct 1-15	Impd	249		74	
Oct 15				74	

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Metro Water District Salt Lake City

1942 Date	Change	Credit Storag	Draft Trans	Bal-ance	Remarks
Nov 15				4535	
De	Loss		22	4513	
Dec	Loss		7	4506	
1943					
Jan	Loss		5	4501	
Feb	Loss		10	4491	
Mar	Loss		36	4455	
Apl	Loss		59	4396	
May	Loss		68	4328	
Jun	Alloc	7171		11499	Of Project Storage
	Draft		6	11493	To "S" Defense Plant, Geneva Steel
	Loss		182	11311	
Jly	Alloc	6693		18004	Of Project Storage
	Draft		454	17550	To Geneva Steel
	Loss		300	17250	
Aug	Draft		464	16786	To Geneva Steel
	Loss		267	16519	
Sep	Draft		1168	15351	To Geneva Steel
	Loss		190	15161	
Oct 1-15	Draft		556	14605	To Geneva Steel
Oct 15				14605	

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Utah Lake

1942 Date	Change	Credit Storag	Draft-Loss	Balance	Remarks
Nov 15				1238	
15-30	Impd	1867		3105	
Nov	Loss Ad	41		3146	
Dec	Impd	1153		4299	
	Loss Ad	13		4312	
Jan	Impd	1238		5550	
	Loss Ad	9		5559	
Feb	Draft		2518	3041	
	Loss Ad	18		3059	
Mar	Impd	746		3805	
	Loss Ad	70		3875	
Apl	Draft		62	3813	
	Loss Ad	168		3981	
May	Draft		1775	2206	
	Loss Ad	344		2550	
Jun	Draft		3086	-536	
	Loss Ad	536		00	
Jly				00	
Aug				00	
Sep				00	
Oct 15				00	

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Head Provo River Storage

1942 Date	Change	Credit Storag	Draft-Trans	Balance	Remarks
Nov 15-M To 1943				00	Quantity shown on Advance Sheets owned and included in Provo City, page -5-.
May 31				00	
Jun	Impd	2000		2000	
	Loss		5	1995	
Jly	Impd	2655			
	Seg		3886	764	Alloc to PRWUCo. "M" Canal
	Seg		764	0	Alloc to Provo City
Bal 1943				0	

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STORAGE SUMMARY 1943

DEER CREEK RESERVOIR

1942 x 1943

EVAPORATION

	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Average Acre Feet	10084	13040	12332	12080	12123	16477	29254	45870	43576	37135	28846
Average Area Acres	600	675	650	650	660	750	1000	1320	1280	1155	980
Depth Evaporation Feet	.08	.03	.02	.04	.15	.29	.45	.55	.58	.50	.35
Volume Acre Feet	48	29	13	26	99	218	450	726	742	578	343

DEER CREEK RESERVOIR

Nov 1942 Day	800a Gage	End Day Gage	Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&LCO Chng	UP&LCO Bal	Utah Lake Chng	Utah Lake Bal	Head Rvr Stor Bal	Deer Projt Bal
Bal	5321.65	21.70	9824	-	-			3	-	1150	-	1238	194	2817
16	21.85	21.9	9939	+115	50	200	258	3	+115	1265	+115	1353	194	2817
17	22.00	22.15	10086	+147	50			3	+147	1412	+147	1500		
18	22.25	22.40	10236	+150	50			3	+150	1562	+150	1650		
19	22.5	22.65	10385	+149	50			3	+149	1711	+149	1799		
20	22.75	22.85	10505	+120	50			3	+120	1831	+120	1919		
21	22.9	23.0	10595	+90	50	195	240	3	+90	1921	+90	2009	194	2817
22	23.05	23.15	10687	+92	50			3	+92	2013	+92	2101		
23	23.2	23.3	10780	+93	50			3	+93	2106	+93	2194		
24	23.35	23.45	10873	+93	50			3	+93	2199	+93	2287		
25	23.55	23.65	10996	+123	50			3	+123	2322	+123	2410		
26	23.7	23.85	11120	+124	50	200	262	3	+124	2446	+124	2534	194	2817
27	23.9	24.05	11245	+125	50			3	+125	2571	+125	2659		
28	24.1	24.25	11372	+127	50			3	+127	2698	+127	2786		
29	24.35	24.5	11532	+160	50			3	+160	2858	+160	2946		
30	24.6	24.75	11691	+159	50	200	280	3	+159	3017	+159	3105	194	2817
													-1	-13
Loss Adj.		-	11691	-	-	-	-	3	+41	3058	+41	3146	193	2804

Nov 1942 Day	FRWU Co Bal	Provo Bench Bal	High-land Bal	Lehi-Metr Bal	Orem Met Bal	Provo Met Bal	Amer-Fork Bal	P.G. Lind Bal	Salt Lake Bal
Bal	0	0	0	0	148	791	49	49	4535
16-30	0	0	0	0	148	791	49	49	4535
Loss					-1	-4			-22
Adj	-	-	-	-	147	787	-	-	4513

Deer Creek Reservoir

Evaporation Loss November 1942

To UP&LCO & Utah Lake

Notations:
Average Acre Feet 10084
Average Area Acres 600
Depth Evaporation Feet .08
Volume Evaporation Acre Feet 48

Acre Feet

	UP&L Cl A	UP&L	Utah Lake	Deer Projt	Head Rvr Stor	"M" Canal	Provo Bench	High-land	Lehi Met	Orem Mtro	Provo Mtro	Amer-fork	P.G. Lind	Salt Lake	Totals
Acftdys	90	43602	46242	84510	4520	-	-	-	-	4440	23730	1470	1470	136050	302522
Loss	-	7	7	13	1	-	-	-	-	1	4	-	-	22	48
Shown Totals	3	3017	3105	2817	194	-	-	-	-	148	791	49	49	4535	11691
Adjusted Totals	3	+41 3058	+41 3146	2804	193	-	-	-	-	147	787	49	49	4513	11691

DEER CREEK RESERVOIR

Dec L942 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	UP&L Cl A Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal	Head Rvr Stor Bal	Deer Projt Bal
Fwd	5324.6	24.75	11691	-	-			3	-	3058	-	3146	193	2804
1	24.85	25.0	11851	+160	50	200	280	3	+160	3218	+160	3306	193	2804
2	25.1	25.3	12047	+196	50			3	+196	3414	+196	3502		
3	25.4	25.55	12212	+165	50			3	+165	3579	+165	3667		
4	25.65	25.75	12342	+130	50			3	+130	3709	+130	3797		
5	25.8	25.85	12408	+66	50			3	+66	3775	+66	3863		
6	25.9	26.0	12507	+99	50	195	245	3	+99	3874	+99	3962	193	2804
7	26.05	26.15	12607	+100	50			3	+100	3974	+100	4062		
8	26.2	26.3	12709	+102	50			3	+102	4076	+102	4165		
9	26.35	26.45	12810	+101	50			3	+101	4177	+101	4265		
10	26.5	26.65	12945	+135	50			3	+135	4312	+135	4400		
11	26.75	26.85	13080	+135	50	200	267	3	+135	4447	+135	4535	193	2804
12	26.9	27.0	13181	+101	50			3	+101	4548	+101	4636		
13	27.05	27.15	13284	+103	50			3	+103	4651	+103	4739		
14	27.2	27.25	13353	+69	50			3	+69	4720	+69	4808		
15	27.3	27.35	13422	+69	50	195	230	3	+69	4789	+69	4877	193	2804
	27.4													

Dec 1942 Day	Provo RWUCo Bal	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer-fork Bal	P.G. Lind Bal	Salt Lake Bal
Bal	0	0	0	0	147	787	49	49	4513
1-15	0	0	0	0	147	787	49	49	4513

Dec 31,1942

Dec 1942 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	UP&L Cl A Bal	UP&LCO Chng	UP&LCO Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Bal	Head Rvr Stor Bal
Fwd	5327.3	27.35	13422	-	-	-	-	3	-	4789	-	4877	2804	193
16	27.4	27.45	12491	+69	50	195	230	3	+69	4858	+69	4946	2804	193
17	27.5	27.55	13560	+69	50			3	+69	4927	+69	5015		
18	27.65	27.7	13664	+104	50			3	+104	5031	+104	5119		
19	27.75	27.7	13664	-	50-90a			3	-	5031	-	5119		
20	27.7	27.55	13560	-104	90-122			3	-104	4927	-104	5015		
21	27.5	27.35	13422	-138	120	300	231	3	-138	4789	-138	4877	2804	193
22	27.25	27.15	13284	-138	120			3	-138	4651	-138	4739		
23	27.05	27.1	13250	-34	120			3	-34	4617	-34	4705		
24	27.1	27.35	13422	+172	120			3	+172	4789	+172	4877		
25	27.5	27.45	13491	+69	120			3	+69	4858	+69	4946		
26	27.4	27.35	13422	-69	120	~~300~~	~~231~~	3	-69	4789	-69	4877	2804	193
27	27.25	27.15	13284	-138	120	300	231	3	-138	4651	-138	4739		
28	27.05	26.95	13147	-137	120			3	-137	4514	-137	4602		
29	26.9	26.8	13046	-101	120			3	-101	4413	-101	4501		
30	26.8	26.65	12945	-101	120			3	-101	4312	-101	4400		
31	26.6	26.5	12844	-101	120	300	250	3	-101	4211	-101	4299	2804	193
													-5	
Loss Adj			12844	-	-	-	-	3	+13	4224	+13	4312	2799	193

Dec 1942 Day	PRWU Co. Bal	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer-fork Bal	P.G. Lind Bal	Salt Lake Bal
16-31	0	0	0	0	147	787	49	49	4513
Loss	-	-	-	-	-	-1	-	-	-7
Bal	0	0	0	0	147	786	49	49	4506

C R L943 Advance Sheet 59-42
Dec 31,1942

DEER CREEK RESERVOIR

EVAPORATION LOSS DECEMBER 1942

To UP&LCo & Utah Lake

Notations:
Average Acre Feet 13040
Average Area Acres 675
Depth Evaporation Feet .03
Volume Acre Feet 20

Acre Feet

	UP&L Cl A	UP&L	Utah Lake	Deer Projt	Head Rvr Stor	"M" Canal	Provo Bench	High-land	Lehi Met	Orem Met	Provo Met	Amer-fork	P.G. Lind	Salt Lake	Totals
Acftdys	93	136631	139359	86924	5983	0	0	0	0	4557	24397	1519	1519	139903	404254
Loss	-	6	7	5	-	-	-	-	-	-	1	-	-	7	20
Shown Totals	3	4211	4299	2804	193	0	0	0	0	147	787	49	49	4513	12844
Adjusted Totals	3	4224	4312	2799	193	0	0	0	0	147	786	49	49	4506	12844

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Advance Sheet 1-43
Jan 15,1943

DEER CREEK RESERVOIR (DEER LAKE)

End Day

Jan 1943 Day	800a Gage	End Day Gage	End Day Acft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&P Cl A Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Deer Prjt Bal	Head Rvr Stor Bal
Bal	5326.6	26.5	12844	-	-	-	-	3	-	4224	-	4312	2799	193
1	26.5	26.4	12776	-68	120	300	276	3	-68	4156	-68	4244	2799	193
2	26.35	26.2	12641	-135	120			3	-135	4021	-135	4109		
3	26.2	26.0	12507	-134	120			3	-134	3887	-134	3975		
4	25.9	25.75	12342	-165	120			3	-165	3722	-165	3810		
5	25.65	25.5	12179	-163	120			3	-163	3559	-163	3647		
6	25.4	25.25	12014	-165	120	300	218	3	-165	3394	-165	3482	2799	193
7	25.15	24.95	11819	-195	120			3	-195	3199	0195	3287		
8	24.85	24.65	11627	-192	120			3	-192	3007	-192	3095		
9	24.5	24.35	11436	-191	120			3	-191	2816	-191	2904		
10	24.2	24.05	11245	-191	120			3	-191	2625	-191	2713		
11	23.9	23.75	11058	-187	120	300	207	3	-187	2438	-187	2526	2799	193
12	23.65	23.45	10873	-185	120			3	-185	2253	-185	2341		
13	23.35	23.15	10687	-186	120			3	-186	2067	-186	2155		
14	23.1	23.25	10749	+62	120-50			3	+62	2129	+62	2217		
15	23.35	23.35	10811	+62	50	195	226	3	+62	2191	+62	2279	2799	193
	23.35													

~~Dec~~ Jan 1942 Day	Murdock Bal	Provo Bench Bal	Highland Bal	Lehi Bal	Orem Bal	Provo Metro Bal	Amerfork Bal	Pl.Gr. Lindon Bal	Salt Lake Bal
Bal	0	0	0	0	147	786	49	49	4506
1-15	0	0	0	0	147	786	49	49	4506

TFW. CC - State Engr.; PRWUAssoc. % E A Jacob; USRS; UP&LCO % E G Thorum; Utah Lake % David I Gardner; R J Murdock; I F Baum; J H Steele.

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P R O V O R I V E R

DEER CREEK RESERVOIR

Advance Sheet 2-43
Jan 15,1943.

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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 % David I.Gardner; R J Murdock; I F Baum; J.H.Steele.

P R O V O R I V E R
DEER CREEK RESERVOIR

Advance Sheet 3-43
January 30,1943.

C O P Y

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Knight Block
Provo, Utah
January 6,1943

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

Dear Mr. Wentz:

In connection with the work now being accompolished on the enlargement of the Weber-Provo Diversion Canal by the Bureau of Reclamation, it has been necessary to remove the check in the canal at station 420+05 about one mile north of the Provo River. The check was removed on December 10,1942, and since that date about two second-feet of seepage water has been passing the check and entering the Provo River. Pending the installation of a permanent measuring station a staff gage has been installed just above the Highway Bridge (near the location of the old Parshall Flume) so that a record can be obtained as to how much water is discharged from the canal into the river.

Asit may be necessary for the Bureau of Reclamation to keep the check out of the canal for several months and in view of the probability that the water now flowing through the canal into the Provo River will be charged against the Deer Creek Project under the so called "Power Contract", your attention is being directed to the matter so that the said water entering Provo River may be officially recognized by you as Weber River water storable in the Deer Creek Reservoir.

From a current meter measurement made by Mr.Steele of this office on December 18, the water entering Provo River amounted to 2.17 second-feet with a gage height of 0.32 feet. This measurement is mentioned for your information as a check with measurements you may make or have made by your Assistant Commissioner.

Very truly yours

/s/ E. O. Larson
Construction Engineer.

PROVO RIVER
DEER CREEK RESERVOIR

Advance Sheet 4-43
January 30,1943.

C O P Y

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WATER COMMISSIONER'S OFFICE

Provo City, Utah.

January 30,1943.

E.O.Larson Construction Engineer
Bureau Of Reclamation
Knight Block, City.

Dear Sir:

Reference is made to your letter of January 6,1943, relative to two second feet of seepage water in the Weber-Provo Diversion Canal and flowing to Provo River.

1. At this season of the year all of the waters of the Weber River and Provo River are appropriated and used by the Utah Power &nLight Company for the generation of power.

> Where the waters of a stream have all been appropriated, another cannot gain any rights therein by attempting to appropriate and divert the seepage. Howcroft v Union Irr. Co. 25 U 311; 71 P 487.

2. The rights of the Deer Creek Project through the diversion canal are based upon applications to divert Weber River and Beaver Creek waters,-- there is no claim of any diversion from either of these sources. In use and appropriation one is confined to his application, one cannot enlarge upon the application.

3. In construction, one does not acquire any right to the seepage or percolating waters, although part may be from a foreign shed. Snake Creek Tunnel & Mining Co. v Midway Irr. Co.

4. Murdock Plant is running on part load on account of truck breaking pipe line. The combined heads of UP&L plants on the Weber River is 335 feet,-- the Olmstead Plant of the Provo River 333 feet, -- no advantage would accrue to the power company, now, by a diversion of water from the Weber to the Provo.

With the foregoing paragraphs in mind, we are unable to allow storage credit in the Deer Creek Reservoir of the two second feet of seepage water arising in the Weber-Provo Diversion Canal.

Resp.

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

Advance Sheet 5-43
January 31,1943.

DEER CREEK RESERVOIR

End Day

Jan 1943 Day	800a Gage	End Day Gage	End Day Afy	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Bal	Head Rvr Stor Bal
Bal	5323.35	23.35	10811	-	-	-	-	3	-	2191	-	2279	2799	193
16	23.35	23.45	10873	+62	50	195	226	3	+62	2253	+62	2341	2799	193
17	23.45	23.45	10873	-	50			3	-	2253	-	2341		
18	23.45	23.35	10811	-62	50-90a			3	-62	2191	-62	2279		
19	23.25	23.10	10656	-155	90			3	-155	2036	-155	2124		
20	23.00	23.00	10595	-61	90-50b			3	-61	1975	-61	2063		
21	22.95	23.9	11151	+556	50	192	470	3	+506c	2481	+556	2619	2799	193
22	24.40	26.10	12574	+1423	50	200	912	3	+490	2971	+1423	4042		
23	26.95	28.2	14212	+1638	50	208	1027	3	+474	3445	+1638	5680		
24	28.8	29.05	14613	+401	50	204	404	3	+401	3846	+401	6081		
25	29.20	29.25	14757	+144	50-90d			3	+144	3990	+144	6225		
26	29.25	29.15	14685	-72	90-120			3	-72	3918	-72	6153	2799	193
27	29.1	29.0	14577	-108	120			3	-108	3810	-108	6045		
28	28.95	28.85	14470	-107	120	310	256	3	-107	3703	-107	5938		
29	28.8	28.7	14365	-105	120			3	-105	3598	-105	5833		
30	28.65	28.5	14224	-141	120			3	-141	3457	-141	5692		
31	28.45	28.3	14082	-142	120			3	-142	3315	-142	5550	2799	193
													-3	
Loss Adj 6-43			14082					3	+9	3324	+9	5559	2796	193

a -- 300p
b -- 645p
c 445-192=253 x2=506
d -- 1230p

Jan 1942 Day	Provo RWUCo	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer-fork Bal	PGrove Lindon Bal	Salt Lake Bal
16-31	0	0	0	0	147	786	49	49	4506
Loss Adj-		-	-	-	-	-1	-	-	-5
Bal	0	0	0	0	147	785	49	49	4501

TFW. CC - State Engr.; PRWUAssoc % E A Jacob; USRS: UP&LCo % E G Thorum;
Utah Lake % David I. Gardner; R J Murdock; I.F.Baum; J.H.Steele.

Encl. 3-43;4-43; 6;43; ~~7-43~~.
2X-43

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Advance Sheet 6-43
Jan 31,1943.

DEER CREEK RESERVOIR

EVAPORATION LOSS JANUARY 1943

To UP&LCo And Utah Lake

Notations:
Average acre Feet 12332
Average area Acres 650
Depth Evaporation Feet 0.02
Volume Acre Feet 13

Acre Feet

	UP&L Cl A	UP&L	Utah Lake	Deer Projt	Hd Rvr Stor	"M" Canal	Provo Bench	High-land	Lehi Met	Orem Met	Provo Met	Amer-Fork	PlGr Lndn	Salt Lake	Tota
Acftdys	93	94706	117790	86769	5983	0	0	0	0	4557	24366	1519	1519	139686	382282
Loss	-	4(+9)	4(+9)	3	-	-	-	-	-	-	1	-	-	5	
Shown Totals	3	3315	5550	2799	193	0	0	0	0	147	786	49	49	4506	14082
Adjusted Totals	3	3324	5559	2796	193	0	0	0	0	147	785	49	49	4501	14082

TFW.
Attached to 5-43.

Advance Sheet 7-43
Feb. 15,1943

DEER CREEK RESERVOIR

End Day

Feb 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&LCO Chng	UP&LCO Bal	Utah Lake Chg	Utah Lake Bal	Deer Projt Bal	Head Rvr stor Bal
Bal	5328.45	28.3	14082	-	-	-	-	3	-	3324	-	5559	2796	193
1	28.20	28.00	13871	-211	120	308	202	3	-211	3113	-211	5348	2796	193
2	27.8	27.75	13698	-173	120			3	-173	2940	-173	5175		
3	26.65	27.5	13526	-172	120			3	-172	2768	-172	5003		
4	27.45	27.35	13422	-104	120			3	-104	2664	-104	4899		
5	27.30	27.15	13284	-138	120			3	-138	2526	-138	4761		
6	27.05	26.85	13080	-204	120	305	203	3	-204	2322	-204	4557	2796	193
7	26.65	26.55	12878	-202	120			3	-202	2120	-202	4355		
8	26.45	26.30	12709	-169	120			3	-169	1951	-169	4186		
9	°26.35	26.05	12540	-169	120			3	-169	1782	-169	4017		
10	°26.30	26.85	12408	-132	120			3	-132	1650	-132	3885		
11	°26.20	25.65	12277	-131	120	305	240	3	-131	1519	-131	3754	2796	193
12	25.60	25.45	12146	-131	120			3	-131	1388	-131	3623		
13	25.40	25.15	11949	-197	120-130			3	-197	1191	-197	3426		
14	25.00	24.80	11723	-226	130			3	-226	965	-226	3200		
15	24.70	24.40	11468	-255	130			3	-255	710	-255	2945	2796	193
	24.25													

Note:
° Indicator Stuck,9,10,11

Feb 1943 Day	Provo RWUCo Bal	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Metro Bal	Amer-fork Bal	PGrove Lindon Bal	Salt Lake Bal
Bal	0	0	0	0	147	785	49	49	4501
1-15	0	0	0	0	147	785	49	49	4501

TFW. CC - State Engr.;PRWUAssoc. % E A Jacob; USRS; UP&LCO % E G Thorum;
Utah Lake % D I Gardner; R J Murdoc; I F Baum; J H Steele.

Advance Sheet 6-43
Jan 31,1943.

DEER CREEK RESERVOIR

EVAPORATION LOSS JANUARY 1943

To UP&LCo And Utah Lake

Notations:
- Average acre Feet 12332
- Average area Acres 650
- Depth Evaporation Feet 0.02
- Volume Acre Feet 13

Acre Feet

	UP&L Cl A	UP&L	Utah Lake	Deer Projt	Hd Rvr Stor	"M" Canal	Provo Bench	High-land	Lehi Met	Orem Met	Provo Met	Amer-Fork	PlGr Lndn	Salt Lake	Totals
Acftdys	93	94706	117790	86769	5983	0	0	0	0	4557	24366	1519	1519	139686	382282
Loss	-	4(+9)	4(+9)	3	-	-	-	-	-	-	1	-	-	5	
Shown Totals	3	3315	5550	2799	193	0	0	0	0	147	786	49	49	4506	14082
Adjusted Totals	3	3324	5559	2796	193	0	0	0	0	147	785	49	49	4501	14082

TFW.
Attached to 5-43.

Advance Sheet 7-43
Feb. 15,1943

DEER CREEK RESERVOIR

End Day

Feb 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&LCO Chng	UP&LCO Bal	Utah Lake Chg	Utah Lake Bal	Deer Projt Bal	Head Rvr stor Bal
Bal	5328.45	28.3	14082	-	-	-	-	3	-	3324	-	5559	2796	193
1	28.20	28.00	13871	-211	120	308	202	3	-211	3113	-211	5348	2796	193
2	27.8	27.75	13698	-173	120			3	-173	2940	-173	5175		
3	26.65	27.5	13526	-172	120			3	-172	2768	-172	5003		
4	27.45	27.35	13422	-104	120			3	-104	2664	-104	4899		
5	27.30	27.15	13284	-138	120			3	-138	2526	-138	4761		
6	27.05	26.85	13080	-204	120	305	203	3	-204	2322	-204	4557	2796	193
7	26.65	26.55	12878	-202	120			3	-202	2120	-202	4355		
8	26.45	26.30	12709	-169	120			3	-169	1951	-169	4186		
9	°26.35	26.05	12540	-169	120			3	-169	1782	-169	4017		
10	°26.30	26.85	12408	-132	120			3	-132	1650	-132	3885		
11	°26.20	25.65	12277	-131	120	305	240	3	-131	1519	-131	3754	2796	193
12	25.60	25.45	12146	-131	120			3	-131	1388	-131	3623		
13	25.40	25.15	11949	-197	120-130			3	-197	1191	-197	3426		
14	25.00	24.80	11723	-226	130			3	-226	965	-226	3200		
15	24.70	24.40	11468	-255	130			3	-255	710	-255	2945	2796	193
	24.25													

Note:
° Indicator Stuck,9,10,11.

Feb 1943 Day	Provo RWUCo Bal	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Metro Bal	Amer-fork Bal	PGrove Lindon Bal	Salt Lake Bal
Bal	0	0	0	0	147	785	49	49	4501
1-15	0	0	0	0	147	785	49	49	4501

TFW. CC - State Engr.;PRWUAssoc. % E A Jacob; USRS; UP&LCO % E G Thorum;
Utah Lake % D I Gardner; R J Murdoc; I F Baum; J H Steele.

Advance Sheet 8-43
Feb 28,1943

DEER CREEK RESERVOIR

End Day

Feb. 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Bal	Head Rvr Stor Bal
Bal	5324.70	24.40	11468	-	-	-	-	3	-	710	-	2945	2796	193
16	24.25	24.05	11245	-223	130	325	214	3	-223	487	-223	2722	2796	193
17	23.95	23.80	11089	-156	130			3	-156	331	-156	2566		
18	23.70	23.50	10904	-185	130	325	233	3	-185	146	-185	2381		
19	23.40	23.15	10687	-217	130			3	-146	-	-217	2164		
20	23.05	22.90	10535	-152	130			3	-	-	-152	2012		
21	22.80	22.85	10505	-30	130	335	320	3	-	-	-30	1982	2796	193
22	22.85	23.80	11089	+584	130-125	350	642	3	+240a	240	+584	2566		
23	24.25	24.90	11787	+698	125			3	+220b	460	+698	3264		
24	25.25	25.40	12113	+326	125			3	+220b	680	+326	3590		
25	25.50	25.40	12113	-	125	335	335	3	-	680	-	3590		
26	25.35	25.10	11916	-197	125			3	-197	483	-197	3393	2796	193
27	24.95	24.80	11723	-193	125			3	-193	290	-193	3200		
28	24.75	24.55	11564	-159	125			3	-159	131	-159	3041	2796	193
													-6	
Loss Adj 9-43			11564	-	-	-	-	3	+18	149	+18	3059	2790	193

a - 445 - 325=120 x 2 =240
b 445 - 335=110 x 2= 220

Feb 1943 Day	Provo RWUCo Bal	Provo Bench Bal	High-lamd Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer-fork Bal	PGrove Lindon Bal	Salt Lake Bal
16-28	0	0	0	0	147	785	49	49	4501
Loss Adj-		-	-	-	-	-2	-	-	-10
Ball	0	0	0	0	147	783	49	49	4491

TFW. CC - State Engr.; PRWUAssoc % E A Jacob; USRS; UP&LCo % E G Thorum;
Utah Lake % D I Gardner; R J Murdock; I F Baum; J.H.Steele.
Encl. 9-43.

Advance Sheet 9-43
Feb. 28,1943.

DEER CREEK RESERVOIR

EVAPORATION LOSS FEBRUARY 1943

Notations:
Average Acre Feet 12080
Average Area Acres 650
Depth Evaporation Feet 0.04
Volume Acre Feet 26

To UP&LCO And Utah Lake

Acre Feet

	UP&L Cl A	UP&L	Utah Lake	Deer Projt	Hd Rvr Stor	"M" Canal	Provo Bench	High land	Lehi Met	Orem Met	Provo Met	Amer-fork	PlGr Lndn	Salt Lake	Totals
Acftdys	84	33537	99605	78288	5404	0	0	0	0	4116	21980	1372	1372	126028	338249
Loss	-	3(+18)	8(+18)	6	-	-	-	-	-	-	2	-	-	10	26
Shown Totals	3	131	3041	2796	193	0	0	0	0	147	785	49	49	4501	11564
Adjusted Totals	3	149	3059	2790	193	0	0	0	0	147	783	49	49	4491	11564

- -

TFW.

Attached to 8-43

Advance Sheet 10-43
March 15,1943

DEER CREEK RESERVOIR

End Day

Mar 1943 Day	800a Gage	End day Gage	Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Bal	Head Rvr Stor Bal	Cfs Olm Plant
Bal	5324.75	24.55	11564	-	-			3	-	149	-	3059	2790	193	
1	24.35	24.30	11404	-160	125	325	245	3	-149	-	-160	2899	2790	193	
2	24.25	24.00	11213	-191	125			3	-	-	-191	2708			
3	23.85	23.65	10996	-217	125			3	-	-	-217	2491			
4	23.45	23.30	10780	-216	125			3	-	-	-216	2275			
5	23.25	23.40	10842	+62	125-65a			3	+62	62	+62	2337			
6	23.45	23.20	10718	-124	65-125b			3	-62	-	-124	2213	2790	193	
7	23.10	22.85	10505	-213	125	335	229	3	-	-	-213	2000			
8	22.75	23.80	11089	+584	125			3	+250	250	+584	2584			320
9	24.35	25.40	12113	+1024	125			3	+200	450	+1024	3608			345
10	25.95	26.20	12641	+528	125	375	639	3	+220	670	+528	4136			335
11	26.30	26.45	12810	+169	125			3	+169	839	+169	4305	2790	193	
12	26.55	26.60	12911	+101	125			3	+101	940	+101	4406			
13	26.60	26.80	13046	+135	125-140			3	+135	1075	+135	4541			
14	26.95	27.25	13354	+308	140			3	+200	1275	+308	4849			345
15	27.40	27.45	13492	+138	140	380	449	3	+138	1413	+138	4987	2790	193	345
	27.50				140-150										

a == 200am 125-85
800am 85-65
b = 200p

Mar 1943 Day	Provo RWUCo Bal	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer° fork Bal	PGrove Lindon Bal	Salt Lake Bal
Bal	0	0	0	0	147	783	49	49	4491
1-15	0	0	0	0	147	783	49	49	4491

TFW. CC - State Engr.; PRWUAssoc. % E A Jacob; USRS; UP&LCo % E G Thorum;
Utah Lake % D I Gardner; R J Murdock; I F Baum; J H Steele.

Advance Sheet 11-43
March 31, 1943

DEER CREEK RESERVOIR

EVAPORATION LOSS MARCH 1943

To UP&LCo And Utah Lake

Notations:
- Average Acre Feet 12123
- Average Area Acres 660
- Depth Evaporation Feet 0.15
- Volume Acre Feet 99

Acre Feet

	UP&L Cl A	UP&L	Utah Lake	Deer Projt	Hd Rvr Stor	"M" Canal	Provo Bench	High-land	Lehi Met	Orem Met	Provo Met	Amer-Fork	PlGr Lndn	Salt Lake	Totals
Acftdys	93	19489	112162	86490	5983	0	0	0	0	4557	24273	1519	1519	139221	375817
Loss	-	5(+70)	29(+70)	23	2	0	0	0	0	1	6	1	1	36	99
Shown Totals	3	842	3805	2790	193	0	0	0	0	147	783	49	49	4491	12310
Adjusted Totals	3	912	3875	2767	191	0	0	0	0	146	777	48	48	4455	12310

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TFW.
Attached to 12-43

Advance Sheet 12-43
March 31,1943

DEER CREEK RESERVOIR

End Day

Mar 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Old Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Bal	Head Rvr Stor Bal	Cfs Olm Plant
Bal	5327.40	27.45	13492	-	-	-	-	3	-	1413	-	4987	2790	193	
16	27.50	27.35	13422	-70	140-150			3	a	1413	-70	4917	2790	193	
17	27.30	27.05	13216	-206	150	396	293	3	-136a	1277	-206	4711			
18	26.95	26.85	13080	-136	150			3	-66a	1211	-136	4575			357
19	26.80	26.55	12878	-202	150			3	-132a	1079	-202	4373			
20	26.45	26.20	12641	-237	150	390	272	3	-167a	912	-237	4136			
21	26.10	25.75	12342	-299	150	390	240	3	-219a	693	-299	3837	2790	193	355
22	25.55	25.40	12113	-229	150			3	-159a	534	-229	3608			
23	25.35	25.25	12014	-99	150			3	-29a	505	-99	3509			
24	25.20	25.10	11916	-98	150			3	-28a	477	-98	3411			
25	25.05	25.00	11851	-65	150			3	a	477	-65	3346			
26	25.0	25.0	11851	-	150	400	400	3	a	477	-	3346	2790	193	365
27	25.05	25.10	11916	+65	150				+65a	542	+65	3411			
28	25.15	25.07	11897	-19	150			3	a	542	-19	3392			
29	25.04	25.45	12146	+249	150			3	+150	692	+249	3641			370
30	25.65	25.70	12310	+164	150	405	487	3	+150	842	+164	3805			370
31	25.75	25.70	12310	-	150			3	-	842	-	3805	2790	193	
													-23	-2	
Loss Adj			12310	-	-	-	-	3	+70	912	+70	3875	2767	191	

a - 35 cfs by Olm Dam.

Mar 1943 Day	Provo RWUCo Bal	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer-fork Bal	PGrove Lindon Bal	Salt Lake Bal
16-31	0	0	0	0	147	783	49	49	4491
Loss Ad	0	0	0	0	-1	-6	-1	-1	-36
Bal	0	0	0	0	146	777	48	48	4455

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.

Encl 11-43.

DEER CREEK RESERVOIR

Advance Sheet 13-43
April 3,1943.

C O P Y

- -

March 30,1943

Mr. Frank Wentz
Provo River Commissioner
Provo, Utah

Dear Mr. Wentz:

At the annual water users meeting of Utah Lake and Jordan River water users, held in Room 200, State Capitol Building, March 16, 1943, a discussion was of the practice of storing Provo River water in Deer Creek Reservoir that would otherwise reach Utah Lake.

It was moved by Mr. Jensen that the water users of the Utah Lake objected to any storage of Utah Lake water in Deer Creek Reservoir without written permission of the Utah Lake water users, and that the Secretary be instructed to write a letter carrying this notification to the Commissioner of Provo River, seconded by Mr. Latshaw and carried unanimously.

Very truly yours,

/s/ David I.Gardner
DAVID I.GARDNER
Secretary

- -

CC - State Engr.; PRWUAssoc. % E A Jacob; USRS; UP&LCo % E G Thorum; UP&LCO % E G List; Utah Lake % David I.Gardner; R J Murdock; I.F.Baum; J H Steele.

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Advance Sheet 14-43
April 15,1943

DEER CREEK RESERVOIR

Apl 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Chng	Deer Projt Bal	Head Rvr Stor Bal	End Day Cfs Olm Plant
Bal	5325.75	25.70	12310	-	-	-	-	3	-	912	-	3875	-	2767	191	-
1	25.70	25.70	12310	-	150	405	374	3	-	912	-62	3813	+62a	2829	191	370
2	25.75	25.90	12441	+131	150			3	+47	959	+47	3860	+84	2913		
3	26.00	26.30	12709	+268	150			3	+150	1109	+162	4022	+106	3019		
4	26.45	26.80	13046	+337	150	415	483	3	+137	1246	+137	4159	+200	3219		
5	26.95	27.30	13388	+342	150			3	+114	1360	+114	4273	+228	3447		
6	27.55	27.70	13664	+276	150-190			3	+54	1414	+54	4327	+222	3669	191	
7	27.75	27.95	13836	+172	190	475	445	3	-	1414	-60	4267	+232	3901		375
8	28.05	28.05	13906	+70	190-230			3	-	1414	-166	4101	+236	4137		
9	28.05	28.05	13906	-	230	645	534	3	-	1414	-222	3879	+222	4359		
10	28.10	28.05	13906	-	230	640	524	3	-	1414	-232	3647	+232	4591		375
11	28.05	27.95	13836	-70	230	650	490	3	-	1414	-326	3321	+256	4847		
12	27.90	27.80	13733	-103	230			3	-	1414	-355	2966	+252	5099		380
13	27.75	27.70	13664	-69	230	620	466	3	-	1414	-309	2657	+240	5339		
14	27.70	27.85	13836	+172	230	620		3	-	1414	-122	2535	+294	5633		380
15	27.95	28.30	14082	+246	230			3	-	1414	-106	2429	+352	5985		
	28.50															

a - Weber River Waters, c1-43 & c2-43.

Mar 1943 Day	Provo RWUCo Bal	Provo Bench Bal	High land Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer Fork Bal	P G Lind Bal	Salt Lake Bal
1-15	0	0	0	0	146	777	48	48	4455

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.

Enc. 1c-43 & 2c-43.

Advance Sheet 15-43
April 30,1943

DEER CREEK RESERVOIR

End Day

Apl 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Chng	Deer Projt Bal
Bal	5327.95	28.30	14082	-	-	-	-	3	-	1414	-	2429	-	5985
16	28.5	29.00	14577	+495	230	650	695	3		1414	+91	2520	+404	6389
17	29.3	30.0	15297	+720	230			3		1414	+300	2820	+420	6809
18	30.35	31.0	16030	+733	230			3		1414	+269	3089	+464	7273
19	31.3	31.9	16705	+675	230-260			3		1414	+211	3300	+464	7737
20	32.2	32.85	17432	+727	260	800	928	3		1414	+255	3555	+472	8209
21	23.2	33.8	18175	+743	260-290			3		1414	+261	3816	+482	8691
22	34.1	34.65	18853	+678	290	900	990	3		1414	+180	3996	+498	9189
23	34.95	35.6	19624	+771	290-310			3		1414	+269	4265	+502	9691
24	35.95	36.7	20533	+909	310			3		1414	+365	4630	+544	10235
25	37.1	37.75	21416	+883	310	960	1100	3		1414	+279	4909	+604	10839
26	38.1	38.55	22101	+685	310-330			3		1414	+101	5010	+584	11423
27	38.8	39.05	22532	+431	330	1020	954	3		1414	-133	4877	+564	11987
28	39.15	39.3	22751	+219	330	1020	860	3		1414	-317	4560	+536	12523
29	39.4	39.5	22926	+175	330			3		1414	-369	4191	+544	13067
30	39.55	39.7	23100	+174	330	1020	830	3		1414	-378	3813	+552	13619
Loss Adj			23100	-	-	-	-	3	-15	1399	+168	3981	-96	13523

Hd.

Apl 1943 Day	PROVO RWUCo Bal	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer-fork Bal	P G Lind Bal	Salt Lake Bal	Rver Stor Bal
16-30 incl	0	0	0	0	146	777	48	48	4455	191
Loss	0	0	0	0	1	10	-	-	59	2
Bal	0	0	0	0	145	767	48	48	4396	189

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.

Enc 16-43, 3c-43.

Advance Sheet 16-43
April 30,1943.

DEER CREEK RESERVOIR

EVAPORATION LOSS APRIL 1943

Notations:
- Average Acre Feet 16477
- Average Area Acres 750
- Depth Evaporation Feet 0.29
- Volume Evaporation Acre Feet 218

					Acre Feet				To Utah Lake					
	UP&L Cl A	UP&L	Utah Lake	Deer Projt	[illegible]	Provo Bench	High land	Lehi Met	Orem Met	Provo Met	Amer fork	P G Lind	Salt Lake	Head Rvr Stor	Totals
Acftdys	90	34573	113607	210668	0	0	0	0	4380	23310	1440	1440	133650	5730	494315
Loss	-	15	50	96	0	0	0	0	1	10	-	-	59	2	218
Shown Totals	3	1414	3813	13619	0	0	0	0	146	777	48	48	4455	191	23100
Adjusted Totals	3	1399	+168 3981	13523	0	0	0	0	145	767	48	48	4396	189	23100

TFW. Encl with 15-43.

Advance Sheet 17-43
May 15,1943

DEER CREEK RESERVOIR

End Day

May 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Bal	UP&L Chng	UP&L Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Chng	Deer Projt Bal
Bal	5339.55	39.70	23100	-	-	-	-	3	-	1399	-	3981	-	13523
1	39.80	40.25	23586	+486	330	1050	1013	3	-	1399	-74	3907	+560	14083
2	40.45	41.05	24300	+714	330			3	-	1399	+118	4025	+596	14679
3	41.35	42.05	25210	+910	330			3		1399	+318	4343	+592	15271
4	42.40	43.15	26230	+1020	330			3		1399	+436	4779	+584	15855
5	43.50	44.00	27033	+803	330-350			3		1399	+223	5002	+580	16435
6	44.25	44.70	27707	+674	350-290			3		1399	+118	5120	+556	16991
7	44.90	45.30	28291	+584	290	887	915	3		1399	+56	5176	+528	17519
8	45.50	45.65	28634	+343	290	887	812	3		1399	-151	5025	+494	18013
9	45.75	45.80	28782	+148	290			3		1399	-328	4697	+476	18489
10	45.80	45.75	28732	-50	290	876	651	3		1399	-500	4197	+450	18939
11	45.75	45.70	28683	-49	290			3		1399	-495	3702	+446	19385
12	45.70	45.65	28634	-49	290			3		1399	-517	3185	+468	19853
13	45.65	45.60	28585	-49	290			3		1399	-513	2672	+464	20317
14	45.60	45.55	28536	-49	290	876	624	3		1399	-505	2167	+456	20773
15	45.50	45.60	28585	+49	290-240			3		1399	-397	1770	+446	21219
-- - -	45.65	-- - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	-Hd -	- - - -	- - - -	- - - -	- - - -

May 1943 Day	"M" Canal Bal	Provo Bench Bal	High-land Bal	Lehi Met Bal	Orem Met Bal	Provo Met Bal	Amer-fork Bal	P G Lind Bal	Salt Lake Bal	Rvr Stor Bal
1-15	0	0	0	0	145	767	48	48	4396	189

TFW. CC - State Engr.;PRWUAssoc.; USRS; UP&L % E G Thorum;
Utah Lake % D I Gardner; R J Murdock; I F Baum; J H Steele.

Enc 4c-43.

PROVO RIVER
DEER CREEK RESERVOIR

Advance Sheet 18-43
May 31,1943

ALLOCATING PROJECT STORAGE

C O P Y

- -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Knight Block
Provo, Utah
May 27, 1943

Mr. Frank Wentz
Water Commissioner
Provo,Utah

Dear Mr. Wentz:

In response to the request of the Provo River Water Users' Association made yesterday, 15,000 acre-feet of Deer Creek storage water is being made available to the Association at this time. This water is to be made available in the amounts and to the stockholders of the Association as follows:

Stockholder	Allotment in A.F.
Metropolitan Water District of Salt Lake City	7171
Provo Reservoir Water Users' Company	2495
Utah Lake Distributing Company	2370
Metropolitan Water District of Provo	1246
Highland Conservation District	782
Metropolitab Water District of Orem	234
Metropolitan Water District of Lehi	78
Metropolitan Water District of American Fork	78
Metropolitan Water District of Pleasant Grove and Lindon	78
Provo Bench Canal	312
South Kamas Irrigation Company	78
Washington Irrigation Company	78
Total	15,000

Mr. Jacob, Secretary of the Association will advise you direct in regard to delivery of storage water.

As soon as the diversionsof water from the Weber River are discontinued for this season, an allocation will be made of the entire storage supply and a schedule submitted to you as to whom is to receive the water.

Very truly yours,

/s/ E.C.Larson

Construction Engineer

CC - Mr. R.J.Murdock
- Provo River Water Users' Association
- Mr. Watson, Metropolitan Water District of Salt Lake City

- -

Enclosed with 19-43.

Advance Sheet 19-43

DEER CREEK RESERVOIR

May 31,1943

End Day

May 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L-Cl A Chng	UP&L-Cl A Bal	UP&LCo Chng	UP&LCo Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Chng	Deer Projt Bal	Echo Stor Chng	Echo Stor Bal	"M"Canal Chng	"M"Canal Bal
Bal.	5345.50	45.60	28585	-	-	-	-	-	3	-	1399	-	1770	-	21219		-		-
16	45.65	45.70	28683	+98	240	712	536	-	3	-36	1363	-352	1418	+450	21669				
17	45.70	45.80	28782	+99	240-210	663	495	-	3	-118	1245	-337	1081	+436	22105				
18	45.85	45.85	28831	+49	210	611	428	-120	-117	-120	1125	-247	834	+416	22521				
19	45.85	45.80	28782	-49	210	610	386	-120	-237	-120	1005	-329	505	+400	22921				
20	45.80	45.80	28782	--	a210-190	-	-	-80	-317	-160	845	-188	317	+374	23295	-	-	-106	-106
21	45.75	45.85	28831	+49	190-170	-	-	-	-317	-240	605	-210	107	+350	23645			-91	-197
22	45.85	45.95	28929	+98	170	465	346	-	-317	-240	365	-210	-103	+336	23981			-28	-225
23	46.00	46.20	29178	+249	170	465	403	-	-317	-240	125	-210	-313	+134	24115	+240	240	+85	-140
24	46.30	46.65	29629	+451	170	465	503	+75	-242	-102	23	-200	-513	+136	24251	+240	480	g+200	60
25	46.85	47.40	30389	+760	170	470	662	+200	-42	-23	--	--	-513	+136	24387	+240	720	+184	244
26	47.65	48.20	31212	+823	170-190	497	714	+200	158	-	-	+121	-392	+148	24535	+240	960	+114	358
27	48.45	49.05	32100	+888b	190-210	530	779	+67	225	-	-	+398	6	+150	24685	+240	1200	+33	391
28	49.35	50.20	33329	+1229	210-140c	540	958	-	225	-	-	+511	517	+154	24839	+240	1440h	+324	715h
29	50.60	51.50	34754	+1425	140-130	423	931	-	225	-	-	+643	1160	+168	25007	+240	1680	+374	1089
30	51.95	52.60	35989	+1235	130-170d			-	225	-	-	+487	1647	+168	25175	+240	1920	+340	1429
31	52.90	53.60	37137	+1148	170-180e			-	225	-	-	+559	2206	+164	25339	+240	2160	+185	1614
	54.00				180-200f														
Loss Adj			37137	-	-	-	-	-	225	-	-	+344	2550	-323	25016	-5	2155	+69	1683

a - 100p; b - 200p; c - 210-160 at 700a;& 160-140 at 12m; d - 100p; f - 100a; g - Canal at 100 cfs entitled to 200cfs.
h - Canal broke at south End first tunnel, 400a, pumps # 2 & 3, started at 230p; Canal repaired at 1159p 4-31-43.
Olmstead Flume 4-24-43, 354 cfs. "M" Canal --Provo Reservoir Water Users' Company Canal. -- Murdock Canal.

27499
-328
27171

Advance Sheet 19-43   2 Of 2   DEER CREEK RESERVOIR   End Day

May 31,1943

May 1943 Day	Provo Bench	High-land	Lehi Met	Orem Met	Provo° Met	Amer-fork	P Grove Lindon	Salt Lake	Head River° Storage
16-31	0	0	0	145	956	48	48	4396	0
Loss 20-43	0	0	0	2	15	-	-	68	-
Bal	0	0	0	143	941	48	48	4328	-

Head River Storage of 189 Acre Feet, owned by Provo City - Provo Metropolitan Water District, included in Provo Met.
767 +189 = 956.

- -

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.
Enc - 20-43, 21-43, 5c - 43.

Advance Sheet 20-43
May 31,1943

DEER CREEK RESERVOIR

EVAPORATION LOSS MAY 1943

Notations:
Average Acre Feet 29254
Average Area Acres 1000
Depth Evaporation Feet 0.45
Volume Evaporation Acre Feet 450

To
Utah Lake 26 days, 378 Acre Feet
"M" Canal 5 days, 72 Acre Feet.

Acre Feet

	UP&L Cl A	Utah Lake	Deer Projt	"M" Canal	Provo Bench	High-land	Lehi Met	Orem Met	Provo Met	Amer-fork	P G Lind	Salt Lake	Echo Stor	Total
Acftdys	-572	67731	650291	5232	0	0	0	4495	29636	1488	1488	136276	10800	906865
Loss	--	34	323	3	0	0	0	2	15	0	0	68	5	450
Shown Totals	225	2206	25339	1614	0	0	0	145	956	48	48	4396	2160	37137
Adjusted Totals	225	+344 2550	25016	+69 1683	0	0	0	143	941	48	48	4328	2155	37137

Advance Sheet 21-43 1 of 2

June 15,1943

DEER CREEK RESERVOIR

End Day

June 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	UP&L Cl A Chg	UP&L Cl A Bal	Utah Lake Chg	Utah Lake Bal	Deer Projt Chng	Deer Projt Bal
Bal	5352.90	53.60	37137	-	-	-	-	-	225	-	2550	-	27171°
Allocation 18-43												-15000	12171
1	54.00	55.35	39200	+2063	180-200a	650	1476	-	225	+1651	4201	+412	12583
2	56.05	57.30	41587	+2387	200	650	1505	-	225	+1711	5912	+676	13259
3	57.90	58.60	43229	+1642	200	650	1230		225	+1160	7072	+482	13741
4	59.00	59.60	44520	+1291	200-290b		-		225	+849	7921	+442	14183
5	59.90	60.25	45370	+850	290	800	1000		225	+400	8321	+450	14633
6	60.40	60.55	45767	+397	290	800	776		225	-47	8274	+444	15077
7	60.65	60.75	46031	+264	290	800	712		225	-176	8098	+440	15517
8	60.80	60.90	46229	+198	290	800	679		225	-242	7856	+440	15957
9	60.95	61.00	46361	+132	290	800	648		225	-304	7552	+436	16393
10	61.05	61.10	46495	+134	290	800	647		225	-306	7246	+440	16833
11	61.15	61.25	46696	+201	290	780	670		225	-221	7025	+422	17255
12	61.30	61.30	46763	+67	290	780	605		225	-351	6674	+418	17673
13	61.30	61.30	46763	---	290	780	572		225	-416	6258	+416	18089
14	61.30	61.25	46696	-67	290	780	550		225	-461	5797	+394	18483
15	61.25	61.20	46629	-67	290	780	547		225	-467	5330	+400	18883

° Includes 2155 classed as Echo Storage in 19-53.
Echo Reservoir filled on May 31 has been spilling since.
All waters thru Diversion Canal will be entered in Deer Project column, and later Echo Storage will be allocated and transferred to "M Canal" column, credit.

a - 100a;b200-250 at 800a;& 250-290 at 200p;

June 1943 Day	"M" Canal	Provo Bench	High-land	Lehi	Orem Met	Provo Met	Amer-fork	P.G. Lndn	Salt Lake	South Kamas	Wash-ton	Distr. Com.
1 Bal	1683	0	0	0	143	941	48	48	4328	0	0	0
Alloc-18-43	2495	312	782	78	234	1246	78	78	7171	78	78	2370
1-15 Bal	4178	312	782	78	377	2187	126	126	11499	78	78	2370

TFW. CC - State Engr.; PRWUAssoc. % E A Jacob; USRS; UP&L % E G Thorum;
Utah Lake % David I.Gardner; E J Murdock, I F Baum; J H Steele.
Enc 6c - 43.

Advance Sheet 22-43 ~~1 of 2~~
June 30 1943.

June 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	DEER LAKE UP&L-Cl A Chng	UP&L-Cl A Bal	Utah Lake Chng	Utah Lake Bal	Deer Projt Chng	Deer Projt Bal	Head River Storage Chng	Head River Storage Bal	End Day "M" Canal Chng	End Day "M" Canal Bal	End Day Provo City To"T"	End Day Provo City Bal
Bal	5361.25	61.20	46629	-	-	-	-	-	225	-	5330	-	18883	-	-	-	4178	-	2187
16	61.20	61.10	46495	-134	290	780	514	-	225	-532	4798	+398	19281	-	-	-	4178	-	2187
17	61.05	60.95	46295	-200	290	780	478	-	225	-604	4194	404	19685						
18	60.90	60.80	46097	-198	290	780	477	-	225	-606	3588	408	20093						
19	60.75	60.80	46097	--	290-250	710	502	-	225	-416	3172	416	20509						
20	60.80	60.95	46295	+198	250-210			+100	325	-314	2858	412	20921						
21	61.05	61.30	46763	+468	210	-	-	+92	417	-32	2826	408	21329	-	-	-	4178	-	2187
22	61.40	61.50	47031	+268	210-250	580	460	+64	481	-304	2522	408	21737	+100	100				
23	61.55	61.60	47165	+134	250	640	418	-120	361	-325	2197	404	22141	+175	275				
24	61.65	61.65	47232	+67	250	640	359	-120	241	-442	1755	404	22545	+225	500				
25	61.65	61.55	47098	-134	250	640	305	-100	141	-570	1185	286	22831	+250	750				
26	61.50	61.28	46736	-362	250	640	299	-30	111	-610	575	70	22901	+250	1000	-32	4146	-10	2177
27	61.15	60.95	46295	-441	250	640	291	--	111	-654	-79	7	22908	+250	1250	-34	4112	-10	2167
28	60.85	60.80	46097	-198	250-170		-	--	111	-404	-483	-	22908	+250	1500	-34	4078	-10	2157
29	60.80	60.75	46031	-66	170-155		-	-40	71	-53	-536	-	22908	+250	1750	-213	3865	-10	2147
30	60.75	60.75	46031	--	155-145		-	-20	51	--	-536	-	22908	+250	2000	-214	3651	-10	2137
Loss Adj			46031	-	-	-	-	-4	47	+536	00	-297	22611	-5	1995	+55	3706	-35	2102

~~16-29~~ Bal	Salt Lake Chng To"S"	Bal
16-29	--	11499
30	-6	11493
Loss Adj	-182	11311

Geneva Works Started 10 cfs pump at Olmstead Tailrace at ~~4:30 pm~~ at 430 pm, 6-30-43. Designation "S".

	June 1943 Day	Provo Bench	High-land	Orem Met	Amer-fork	P.G. Lind.	South Kamas	Wash-ton	Dist. Com.	Lehi
16-30	Bal	312	782	377	126	126	78	78	2370	78
23-43	Loss	5	12	6	2	2	1	1	38	1
	Bal	307	770	371	124	124	77	77	2332	77

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; W. M. KEARNS

Encl. 23-43. 7c-43.

Advance Sheet 23-43
June 30, 1943

DEER LAKE

EVAPORATION LOSS JUNE 1943

Notations:

Average Acre Feet 45870
Avergae Area Acres 1320
Depth Evaporation Feet 0.55
Volume Evaporation Acre Feet 726

To Utah Lake 25 Days, 605 Acre Feet
To "M" Canal 5 Days, 121 Acre Feet.

Acre Feet

	UP&L Cl A	Utah Lake	Deer Projt	Head Rvr Stor.	"M" Canal	Provo City	Salt Lake	Provo Bench	High-land	Lehi Met	Orem Met	Amer-fork	P.G. Lind	South Lamas	Wash-ton	Dist. Com.	Totals
Acftdys	6696	131573	564164	9125	124302	65460	344964	9360	23460	2340	11310	3780	3780	2340	2340	71100	1376094
Loss	4	69 +536	297	5	66 +55	35	182	5	12	1	6	2	2	1	1	38	726
Shown Totals	51	+536 -536	22908	2000	3651	2137	11493	312	782	78	377	126	126	78	78	2370	46031
Adjusted Totals	47	00	22611	1995	3706	2102	11311	307	770	77	371	124	124	77	77	2332	46031

TFW.
Encl with 22-43.

DEER LAKE

Advance Sheet 24-43
July 6,1943.

ALLOCATING PROJECT STORAGE
C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
Knight Block
Provo, Utah
July 3,1943.

Mr.Frank Wentz
Water Commissioner
Provo,Utah.

Dear Mr. Wentz:

In connection with the 15000 acre-feet of Deer Creek storage water allocated to the Provo River Water Users' Association by letter to you dated May 27, 1943, an additional 14000 acre feet of storage water is hereby allocated to the association. According to the amount of association stock reported as being subscribed for to date, the proportion of the 14000 acre-feet to which each stockholder is entitled is as follows:

Stockholder	Allotment in A.F.
Metropolitan Water District of Salt Lake City	6693
Provo Reservoir Water Users Compant	2328
Utah Lake Distributing Company	2212
Metropolitan Water District of Provo	1163
Highland Conservation District	729
Metropolitan Water District og Orem	219
Metropolitan Water District of Lehi	73
Metropolitan Water District of American Fork	73
Metropolitan Water District of Pleasant Grove and Lindon	73
Provo Bench Canal	291
South Kamas Irrigation Company	73
Washington Irrigation Company	73
Total	14000

Mr. Jacob Secretary of the association will advise you direct in regard to delivery of the storage water to the stockholders of the association.

The allocation of Echo Reservoir storage water belonging to the Provo Reservoir Water Users' Company and Extension Irrigation Company and which is now stored in Deer Creek Reservoir, will be covered by separate letter.

Very truly yours,

/s/ E.O.Larson
Construction Engineer

CC - Mr. R. J. Murdock
Provo River Water Users' Association
Mr. Watson, Metropolitan Water District
of Salt Lake City

- - - - - - - - -

CC - Mailing List 1X - 43

DEE LAKE

Advance Sheet 25-43
July 6, 1943

TRANSFER OF STORAGE

COPY

- -

METROPOLITAN WATER BOARD

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

PROVO, UTAH

July 3,1943.

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

Dear Mr. Wentz:

We have sold 1,000 acre feet of Provo Metropolitan Water District storage water held over from 1942 in the Deer Creek Dam, to Provo Bench Canal and Irrigation Co., and this will be your authority to distribute said water to it during the season of 1943 upon its application to you.

Very truly yours

PROVO CITY METROPOLITAN
WATER DISTRICT

By /s/ I.G.Bench
Assistant Secretary

IGB/nal

- -

CC To Mailing List 1X-43.

DEER LAKE

Advance Sheet 26-43
July 9,1943.

ALLOCATION
ECHO STORAGE

C O P Y

- -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Knight Block
Provo, Utah
July 8,1943

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

Dear Mr. Wentz:

In regard to the delivery of 1943 Echo Storage water which belongs to the Extension Irrigation Company and the Provo Reservoir Water Users' Company, this water has been conveyed from the Weber to the Provo River and is now stored in Deer Creek Reservoir. The net amounts to which these companies are entitled as of July 1 1943, have been determined as follows:

Total storage in Echo Reservoir	5,400 acre feet
Less 2.2% charge by Mr.Sorensen	119 acre feet
Net storage at head of Weber-Provo Diversion Canal	5,281 acre feet
Less 9% conveyance loss through canal	475 acre feet
Net storage in Deer Creek Reservoir July 1	4, 806 acre feet

Of the net 4,806 acre feet stored in Deer Creek Reservoir, 356 acre feet should be delivered to the Extension Irrigation Company and 4,450 acre feet to the Provo River Water Users' Company.

Very Truly yours,

/s/ E.C.Larson

Construction Engineer

- -

CC - To Mailing List 1X-43.

DEER LAKE - PROVO RIVER

Advance Sheet 28-43
July 17,1943.

REQUEST FOR STORAGE DELIVERY:

C O P Y

- -

Provo City Utah
July 14,1943

Mr. Frank Wentz
Provo River Water Commissioner
Provo City,Utah

Dear Sir:

Commencing July 20th 1943 increase our stream of water in our canal 10 sec.ft. until further notice.

Yours Truly

Provo Bench Canal & Irrigation Co.

/s/ Ray V.Wentz, Pres.

RVW

- -

CC - Incl with 27-43

DEER LAKE

July 17,1943

End Day

July 1943 Day	800a Gage	End Day Gage	End Day Aft	Chng	"P" Gage 800a	Evap.Loss Chng	Evap.Loss Bal	Cl A-UP&L Chng	Cl A-UP&L Bal	Deer Projt Chng	Deer Projt Bal	"M"Canal Chng	"M"Canal Bal	Provo Cty To"T"	Provo Cty Bal	Salt Lake To "S"	Salt Lake Bal	Hd Rvr Storage Chng	Hd Rvr Storage Bal
Bal	5360.75	60.75	46031	-	-	-	-	-	47	-	22611	-	3706	(50)	2102	(6)	11311	-	1995
Alloc 24-43			-	-	-	-	-	-	-	-14000	8611	+2328	6034	+1163	3265	+6693	18004	-	-
Trans 25-43			-	-	-	-	-	-	-	-	-	-	-	-1000	2265	-	-	-	-
1	60.75	60.70	45965	-66	145	-24	-24	-	47	-	8611	-262	5772	-10	2255	-20	17984	+250	2245
2	60.70	60.65	45899	-66	145	-24	-48	+11	58	-	8611	-249	5523	-10	2245	-30	17954	+236	2481
3	60.60	60.55	45767	-132a	145-150	-24	-72	-	58	-	8611	-304	5219	-10	2235	-30	17924	+236	2717
4	60.55	60.45	45634	-133a	150-155	-24	-96	-	58	-	8611	-315	4904	-10	2225	-20	17904	+236	2953
5	60.40	60.35	45502	-132a	155-150b	-24	-120	-20	38	-	8611	-294	4610	-10	2215	-20	17884	+236	3189
6	60.35	60.25	45370	-132	150-145	-24	-144	-	38	-	8611	-314	4296	-10	2205	-10	17874	+226	3415
7	60.30	60.15	45238	-132	145-150	-24	-168	-	38	-	8611	-269	4027	-10	2195	-31	17843	+202	3617
8	60.15	60.05	45106	-132	150	-24	-192	-	38	-	8611	-222	3805	-10	2185	-40	17803	+164	3781
9	60.00	59.92	44936	-170	150	-24	-216	-	38	-	8611	-234	3571	-10	2175	-40	17763	+138	3919
10	59.85	58.80	44780	-156	150-140c	-24	-240	-	38	-	8611	-220	3351	-10	2165	-40	17723	+138	4057
11	59.75	59.65	44585	-195	140	-24	-264	-	38	-	8611	-239	3112	-10	2155	-40	17683	+118	4175
12	59.60	59.48	44364	-221	140	-24	-288	-	38	-	8611	-255	2857	-10	2145	-40	17643	+108	4283
13	59.45	59.30	44130	-234	140-145d	-24	-312	-	38	-	8611	-254	2603	-10	2135	-40	17603	+94	4377
14	59.25	59.15	43935	-195	145	-24	-336	-	38	-	8611	-205	2398	-10	2125	-40	17563	+84	4461
15	59.10	59.05	43805	-130	145-135e	-24	-360	-	38	-	8611	-167	2231	-10	2115	-13	17550	+84	4545
16	59.05	58.95	43676	-129	135-140f	-24	-384	-	38	-	8611	-179	2052	-10	2105	--	17550	+84	4629
17	58.90	58.80	43485	-191	140	-24	-408	-	38	-	8611	-178	1874	-10	2095	--	17550	+21	4650
Alloc 26-43			-	-	-	-	-	-	-	-4806	3805	+4450	6324	-	-	-	-	-	-
Trans 3d-43			-	-	-	-	-	-	-	-	-	+656	6980	-	-	-	-	-	-
Seg.Hd Rvr.		Storage		-	-	-	-	-	-	-	-	+3886	10866	+764	2859	-	-	-4650	00
Bal		-	43485	-	-	-	-408	-	38	-	3805	-	10866	-	2859	-	17550	-	00
Acftdys			762177	-	-	-	-3672		715		146387		62205		36975		301798		63494
Trans			-	-	-	-	-	-	-	-	-	+58718	120923		+9876		-		-63494
Bal			762177		-	-	-3672		715		146387		120923		46851		301798		00

a - Pump Trouble;b - 100p; c - 700p; d - 200p; e - 200a; f - 1100a; To "T" - To Tanners; To "S" - To Defense Plant; "S" Pumps are assumed 10 cfs.

- -

TFW.

Advance Sheet 27-43 2 Of 2 DEER LAKE END DAY
July 17,1943

July 1943 Day	Provo Bench	High-land	Lehi Met	Orem Met	Amer-fork	P.Grove-Lindon	South Kamas	Washing-ton	Dist. Com.	Exten-sion
Bal Fwd	307	770	77	371	124	124	77	77	2332	-
Alloc 24-43	291	729	73	219	73	73	73	73	2212	-
Trs.25-43	+1000	-	-	-	-	-	-	-	-	-
1	1598	1499	150	590	197	197	150	150	4544	-
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17	1598	1499	150	590	197	197	150	150	4544	-
Alcc.26-43	-	-	-	-	-	-	-	-	-	+356/356
Trans.3d-43	-	-	-	-	-	-	-150/00	-150/00	-	-356/00
Seg. Hd Rvr Storage	-	-	-	-	-	-	-	-	-	-
Bal	1598	1499	150	590	197	197	00	00	4544	00
Acftdys	27166	25483	2550	10030	3349	3349	2550	2550	77248	00
Trans.	-	-	-	-	-	-	-2550	-2550	-	-
Bal.Aftdys	27166	25483	2550	10030	3349	3349	00	00	77248	00

- -

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; Defence Plant % W MKearns; Metro Salt Lake % A W Watson.

Advance Sheet 28-43 DEER LAKE
July 22, 1943.

ASSIGNMENT AND TRANSFER OF STORAGE

C-O-PY

- -

R D American Fork, Utah
July 20,1943.

Mr. Frank Wentz,
Provo River Water Commissoner:

Kindly deliver to the Provo Reservoir Waterusers Company our 1511 Acre Feet of water in the Deer Creek Reservoir for them to deliver it to us as rapidly as they can efficiently handle it: say, if convenient to them, 12 sec. feet begining July 22 or as soon as convenient.

By order of the Board of Directors of the Highland Conservation District.

Signed

/s/ O.C.Day, Sec.

- - - - - -

PROVO RESERVOIR WATER USERS COMPANY

Provo, Utah

July 22, 1943.

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

Dear Mr. Wentz:

We are enclosing to you herewith Order dated July 20, 1943, from O.C.Day, Secretary, Highland Conservation District, directing to to transfer to our Company 1511 acre feet of storage water in Deer Creek heretofore allotted to them by E.O.Larson, construction Engineer, under date of May 27 and June 3rd, 1943.

Your advance sheet No.27 dated July 17,1943, shows a net credit in Deer Creek Reservoir of 1499 acre feet. We shall advise you later the method of distribution.

Yours very truly

PROVO RESERVOIR WATER USERS COMPANY

/s/ R J Murdock
R J Murdock
Secretary

RJM:PF
Encl.

- -

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: Highland Conservation District % O C Day, Gilbert Richardson.

Advance Sheet 29-43
July 27,1943.

DEER LAKE

A G R E E M E N T

ABSTRACT

METROPOLITAN WATER DISTRICT OF SALT LAKE CITY (District)
And
DEFENSE PLANT CORPORATION (Corporation)

- - - - - -

The District is the owner of 46,000 of the 100,000 of the issued capital stock of the water supply of the Deer Creek Reservoir.

The District is willing to permit the use by the Corporation of fifteen thousand (15,000) acre feet per annum, or so much thereof as the Corporation may require, for a period of ten (10) years, of the water supply of Deer Creek Reservoir available to the District.

That upon the accrual to the Provo River Water Users Association of water as will entitle the District to 25,000 acre feet thereof during each year thereafter, it will make available and hold in Deer Creek Reservoir sufficient to insure the Corporation 15,000 acre feet per annum, at the pumping plant of the Corporation at the Mouth of Provo Canyon,

For a period of ten years.

At not to exceed 20 sec.feet, rate.

At such rates from time to time as the Corporation, may, in writing Direct.

The District will hold, subject to, and will so and there deliver upon the order of the Corporation 3/5 of the water supply, not to exceed 15,000 acre feet per annum, accruing to the District.

At the option of the District, the water shall pass through the Olmstead Palnt, of the Utah Power & Light Company.

The Corporation will install at its own expense measuring devices.

All water delivered by the District pursuant to this Agreement, shall, without limitation, be subject to the use or disposition of the corporation.

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

Advance Sheet 30-43 DEER LAKE
July 27,1943.

NOTICE TO HOLD WATER FOR USE OF
DEFENSE PLANT CORPORATION 1943

C O P Y

DEFENSE PLANT CORPORATION

October 10,1942

Plancor 301

To: Metropolitan Water District
of Salt Lake City
Salt Lake City, Utah

Please be advised that commencing February 1, 1943, the undersigned, Defense Plant Corporation, will require you to hold, subject to its order, the water supply described in the agreement dated as of June 30,1942 between you and the undersigned. It is estimated that the undersigned will require the delivery of 9200 acre feet of water during the period from February 1, 1943 to December 31, 1943, at the following rates:

During February, 1943	-17.7 cubic feet per second
During March, 1943	-17.7 cubic feet per second
During April, 1943	-17.7 cubic feet per second
During May, 1943	-8.88 cubic feet per second
During June, 1943	-11.1 cubic feet per second
During July, 1943	-11.1 cubic feet per second
During August,1943	-12.2 cubic feet per second
During September,1943	-12.2 cubic feet per second
During October,1943	-12.2 cubic feet per second
During November, 1943	-15.5 cubic feet per second
During December,1943	-15.5 cubic feet per second

The foregoing constitutes the best estimate which can be made at this time and will be subject to revision during progress of construction work, and shall not be construed to relieve you of the requirement stated in said contract to hold, subject to the order of the undersigned, the water supply described therein. This notice is given in accordance with the terms of said contract.

DEFENSE PLANT CORPORATION

By /s/ Frank E.Estes
Division Engineer

Copy to:
Mr. Barber
Mr. Talbott

DEER LAKE STORAGE

Advance Sheet 31-43
July 27,1943

DELIVERY
To
"STEEL PUMPS"

COPY

- -

WATER COMMISSIONER'S OFFICE

PROVO CITY, UTAH

July 27,1943

Metropolitan Water District
Of Salt Lake City
% A.W.Watson
Kearns Bldg.
Salt Lake City,Utah.

Dear Sir:

The Agreement between Metropolitan Water District of Salt Lake City and Defense Plant Corporation for the delivery of Deer Creek Storage to the Defense Plant Corporation at the Mouth of Provo Canyon below the Olmstead Power Plant, provides:-

> It is agreed that such part of the water supply aforesaid as is delivered by the District on the order of the Corporation shall, at the option of the District, pass through the Olmstead Power Plant of the Utah Power and Light Company.

Please direct this office, by letter, your exercise of option.

Resp.

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

CC - Defense Plant Corporation
% W M Kearns.

- - - -

Advance Sheet 32-43
July 31,1943

DEER LAKE

EVAPORATION LOSS JULY 1943

Average Acre Feet 43576
Average Area Acres 1280
Depth Evaporation Feet 0.58
Volume Evaporation Acre Feet 742.

	Totals	Evap Loss	Cl A-UP&L	Deer Projt	"M" Canal	Provo City	Salt Lake	Provo Bench	Lehi Met	Orem Met	Amer-fork	P.G.-Lindn	Dist Com.
		-11934		199657		85695		48098		18290		6107	
Acftdys	1350866		1247		304587a		547498		4650		6107		140864
Loss	742	-6	1	110	167	47	300	26	3	10	3	3	78
Shown Totals	40745	-754	38	3805	10363	2697	17550	1368	150	590	197	197	4544
Adjusted Totals	40745	+748 -6	37	3695	10196	2650	17250	1342	147	580	194	194	4466

a - Includes Highland

TFW.
Incl with 33-43.

Advance Sheet 33-43

DEER LAKE

End Day

July 31,1943

July 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Chg	Evap Loss Bal	Cl A-UP&L Chg	Cl A-UP&L Bal	Deer Projt Bal	"M"Canal Chg	"M"Canal Bal
BrFd53	58.90	58.80	43485	-	-	-	-	-	-	-	38	3805	-	10866
Trans 28-43													+1499	12365
18	58.75	58.62	43255	-230	140	360	257	-24	-432	-	38	3805	-196	12169
19	58.55	58.45	43038	-217	140			-24	-456	-	38	3805	-183	11986
20	58.40	58.30	42846	-192	140			-24	-480	-	38	3805	-148	11838
21	58.25	58.15	42655	-191	140			-24	-504	-	38	3805	-135	11703
22	58.15	58.05	42527	-128	140-135			-24	-528	-	38	3805	-72	11631
23	58.00	57.95	42400	-127	135	350	299	-24	-552	-	38	3805	-71	11560
24	57.90	57.80	42213	-187	135			-24	-576	-	38	3805	-131	11429
25	57.85	57.65	42024	-189	135			-24	-600	-	38	3805	-133	11296
26	57.60	57.49	41825	-199	135-140			-24	-624	-	38	3805	-143	11153
27	57.45	57.32	41612	-213	140	360	266	-26	-650	-	38	3805	-155	10998
28	57.25	57.15	41398	-214	140			-26	-676	-	38	3805	-156	10842
29	57.10	56.98	41186	-212	140			-26	-702	-	38	3805	-154	10688
30	56.95	56.80	40965	-221	140-145a			-26	-728	-	38	3805	-163	10525
31	56.75	56.62	40745	-220	145	360	263	-26	-754	-	38	3805	-162	10363
Loss Adj			40745	-	-	-	-	+748	-6	-1	37	-110 3695	-167	10196

TFW.

July 31,1943.

DEER LAKE

End Day

July 1943 Day	Provo City To T	Provo City Bal	Salt Lake To S	Salt Lake Bal	Provo Bench Chg	Provo Bench Bal	Highland Chg	Highland Bal	Lehi Bal	Orem Bal	Amer-fork Bal	P.G. Lind Bal	Dist. Com. Bal
BRFd	(220)	2859	(460)	17550	-	1598	-	1499	150	590	197	197	4544
Trans 28-43	-						-1499	00					
18	-10	2849	-	17550	-	1598	-	-	150	590	197	197	4544
19	-10	2839	-	17550	-	1598							
20	-10	2829	-	17550	-10	1588							
21	-12	2817	-	17550	-20	1568	-	-	150	590	197	197	4544
22	-12	2805	-	17550	-20	1548							
23	-12	2793	-	17550	-20	1528							
24	-12	2781	-	17550	-20	1508							
25	-12	2769	-	17550	-20	1488							
26	-12	2757	-	17550	-20	1468	-	-	150	590	197	197	4544
27	-12	2745	-	17550	-20	1448							
28	-12	2733	-	17550	-20	1428							
29	-12	2721	-	17550	-20	1408							
30	-12	2709	-	17550	-20	1388							
31	-12	2697	-	17550	-20	1368	-	-	150	590	197	197	4544
Loss Ad	-47	2650	-300	17250	-26	1342	-	-	-3	-10	-3	-3	-78
	(382)		(460)						147	580	194	194	4466

- -

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; Defense Plant % W M Kearns; Metro Salt Lake % A W Watson.
Encl. 32-43.
29-43, 30-43, and 31-43, mailed to above list 7-27-43.

DEER LAKE

Advance Sheet 34-43
Supercedes 29-43
August 3,1943

ABSTRACT

ADMINISTRATION-
DISTRIBUTION.

A G R E E M E N T

- -

METROPOLITAN WATER DISTRICT OF SALT LAKE CITY (District)
A N D
DEFENSE PLANT CORPORATION (Corporation)

- - - - - -

Made and entered into June 30, 1942.

The District is the owner of 46,000 of the 100,000 shares of the issued capital stock of the Provo River Water Users Association, and of the water supply of the Deer Creek Reservoir.

The District is willing to permit the use by the Corporation of 15,000 acre feet per annum, or so much thereof as the Corporation may require, for a period of ten years, of the water supply of Deer Creek Reservoir available to the District.

That upon the accrual to the Provo River Water Users Association of water as will entitle the District to 25,000 acre feet thereof during each year thereafter, it will make available and hold in Deer Creek Reservoir sufficient to insure the Corporation 15,000 acre feet per annum, at a point on the Provo River within 500 feet below the Olmstead Power Plant, and that it will, during a period of ten years after the commencement of the term hereof, deliver all or such part of the same at that point, at such rates from time to time, not in excess of 20 cubic feet per second, as the Corporation may, in writing, direct; and, in any event, the District will hold, subject to, and will so and there deliver upon the order of the Corporation three-fifths of the water supply, not to exceed 15,000 acre feet per annum, so accruing to it.

That such part of the water supply aforesaid as is delivered by the District on the order of the Corporation shall, at the option of the District, pass through the Olmstead Power Plant.

The Corporation will install at its own expense measuring devices.

All water delivered by the District pursuant to this Agreement, shall, without limitation, be subject to the use or disposition of the Corporation.

- -

(Mark 29-43 "Superceded by 34-43)

- -

Encl. with 35-43.

DEER LAKE

Advance Sheet 35-43
August 3,1943.

RE - ABSTRACT AGREEMENT
DELIVERY TO "STEEL PUMPS"--
EXERCISE OF OPTION.

COPY

- -

METROPOLITAN WATER DISTRICT OF SALT LAKE CITY

Kearns Building

SALT LAKE CITY, UTAH

August 2, 1943

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

Dear Mr. Wentz: Re: Defense Plant Contract

We received your letter of July 27, with the enclosures, and found everything in order except in your abstract of contract in paragraph 3 wherein you state that we are to deliver 15,000 acre feet per annum "at the pumping plant of the Corporation at the mouth of Provo Canyon is not exactly the situation, but for all practical purposes will make no difference. The contract provides that the 15,000 acre feet per annum will be delivered "at a point on the Provo River within 500feet below the Olmsted power plant of the Utah Power and Light Company".

We note that you ask us to direct you by letter when we elect to have the water pass through the Olmsted power plant of the Utah Power & Light Company. Before we can do this, it will be necessary for us to take up the matter with Mr. E.O.Larson. He is at present in Denver, but as soon as he returns we will take this matter up further with you.

Yours very truly,

/s/ A.W.Watson
A.W.Watson
Associate Counsel

AWW/B

- -

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: D Defense Plant % W M Kearns; Metro Salt Lake % A W Watson;

Encl. 34-43.

- - - - - - - - - -

TFW.

DEER LAKE

Advance Sheet 36-43
Aug. 5,1943.

ORDER DELIVERY
OF STORAGE

C O P Y

- -

METROPOLITAN WATER DISTRICT
OF PLEASANT GROVE & LINDON

Pleasant Grove, Utah

August 4, 1943

Mr. T.F.WentzmWater Commissioner
R. F. D . 2
Provo, Utah

Dear Sir: Re: Deer Creek Storage Water.

You are hereby authorized and directed to deliver to the Provo Reservoir Water Users Company, or order, the water to which we are entitled in the Deer Creek Reservoir.

The number of acre feet to which we are entitled, according to your advance sheet No. 32 dated July 31, 1943, is 194 acre feet.

Yours very truly,

METROPOLITAN WATER DISTRICT
OF PLEASANT GROVE & LINDON

By S.A.Kirk /s/
Secretary

- -

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; Defense Plant % W M Kearns; Metro Salt Lake % A W Watson;

- - - - -

TFW.

DEER LAKE

Advance Sheet 37-43
August 10,1943.

ORDER DELIVERY
STORAGE

- - - - - - - - - - - - - - -C-O-P-Y- -

ORDER

TO T.FRANK WENTZ:

You are hereby authorized to release to the Provo Bench Canal and Irrigation Company 50 acre feet of water from the Deer Creek Reservoir, belonging to the Metropolitan Water District of Orem, and charge against the water held in said Deer Creek Reservoir belonging to the Metropolitan Water District of Orem, said water to be released as directed by the President of the Provo Bench Canal and Irrigation Company.

Dated this ninth day of August, 1943.

METROPOLITAN WATER DISTRICT OF OREM

By /s/ A.H.Christenson

Chairman of the Board

Said water to be distributed to Orem City, a municipal corporation, through Provo Bench Canal and Irrigation system.

- -

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; Defense Plant % W M Kearns; Metro Salt Lake % A W Watson.
- - - - - - - -
TFW.

DEER LAKE

Advance Sheet 38-43 1 Of 2
August 14,1943.

ROUTE OF STORAGE TO
GENEVA STEEL PLANT

C O P Y

- -

METROPOLITAN WATER DISTRICT OF SALT LAKE CITY

Kearns Building

SALT LAKE CITY, UTAH

August 13,1943

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

Re: District water delivered to
Geneva Steel Plant through
Olmstead Power Plant.

Dear Mr. Wentz:

As stated in my last letter, I told you that I would take up the matter of the water delivered by our District to Geneva Steel Plant going through the Olmstead Power Plant, with Mr. Larson on his return from Denver.

This I did, and received a letter from Mr. Larson today, a copy of which is enclosed herewith.

Will, you therefore follow out the last paragraph of Mr. Larson's letter in the delivery of District water to the steel plant.

Yours very truly,

/s/ A.W.Watson
A.W.Watson
Associate Counsel

AWW/B

Encl.

- -

DEER LAKE

Advance Sheet 38-43 2 Of 2
August 14,1943

C O P Y

- -

C
O
P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Knight Block
Provo, Utah
August 12,1943

Mr. A.W.Watson, Associate Counsel
Metropolitan Water District
Salt Lake City, Utah

Dear Mr.Watson:

Reference is made to your letter of August 2,1943, to Mr. Wentz, Water Commissioner, concerning the delivery of Deer Creek storage water to the Geneva Steel Plant through the Olmsted Power Plant.

The use of Provo River Project water for the production of power at the Olmsted Plant is covered in detail in the "Power Contract".Under Article 13 the Utah Power and Light Company during the summer months of each year is permitted to use project water being re-diverted from Provo River below the plant. Energy increases from the use of this project water through the Olmsted Plant accrue to the Power Company as a part of the benefit for which the Company allows an annual credit of 2,250,000 kilowat hours to the project, as provided in Article 14 of the Power Contract. During the winter months, from October 15 to April 15 of each year, energy increases at the Olmsted Plant, resulting from the use of Deer Creek storage or other project waters, accrue to the project as provided in Articles 15 and 16 of the Power Contract.

In view of the provisions of the Power Contract, the Power Company will automatically use, at all times of the year, all project water being conveyey down Provo River to points below the Olmsted Plant--to the extent, of course, there is capacity available in the plant and intake flume for such water. It is therefore expected that the Power Company will continue to advise the Water Commissioner as to how much water can be used through the plant and the Commissioner, it is assumed, will in turn make deliveries in accordance with this advice up to the amout of water (both naturla river flow and Provo River Project water) which is to be delivered to users below the plant.

I believe it is clear in the Power Contract that any water distributed by the Provo River Water Users' Association to its stockholders is still project water as far as the production of power from said water (in transit in Provo River) is concerned. Energy increases at the Olmsted Plant resulting from the use of the District's storage water in transit to the Geneva Steel Plant therefore accrue to the Association under the arrangement previously explained.

As to the question asked by Mr. Wentz in his letter to you, it appears that all that is necessary is to advise him to deliver the storage water to the Steel Plant through the Olmsted Plant whenever there is capacity available in the plant and flume for that purpose.

Very truly yours,

(Signed) E.O.Larson
Construction Engineer

- -

CC- Encl with 37-43. 1 and 2, stapled.

Advance Sheet 39-43 1 Of 2 DEER LAKE END DAY

August 15,1943

Aug 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chg	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Chg	Evap Loss Bal	Cl A-UP&L Chg	Cl A-UP&L Bal	Deer Projt Bal	"M"Canal Chg	"M"Canal Bal
bfwd53	56.75	56.62	40745	-	-			-	-6	-	37	3695	-	10196
Trans 36-43													+194	10390
1	56.60	56.48	40572	-173	145	350	274	-20	-26	-	37	3695	-122	10268
2	56.45	56.35	40412	-160	145			-20	-46	-	37	3695	-109	10159
3	56.30	56.17	40192	-220	145-150			-20	-66	-7	30	3695	-162	9997
4	56.10	55.98	39959	-233	150			-20	-86	-20	10	3695	-162	9835
5	55.90	55.80	39742	-217	150-145a			-20	-106	-20	-10	3695	-146	9689
6	55.75	55.65	39562	-180	145-150b	355	255	-20	-126	+20	10	3695	-149	9540
7	55.65	55.50	39381	-181	150			-20	-146	-	10	3695	-130	9410
8	55.50	55.35	39200	-181	150			-20	-166	-	10	3695	-130	9280
9	55.30	55.20	39020	-180	150			-20	-186	-10	10	3695	-128	9152
10	55.15	55.00	38779	-241	150-160c			-20	-206	-	10	3695	-183	8969
11	54.95	54.78	38520	-259	160	350	230	-20	-226	-10	--	3695	-192	8777
12	54.70	54.56	38260	-260	160			-20	-246	-	-	3695	-191	8586
13	54.50	54.34	38000	-260	160d			-20	-266	-	-	3695	-194	8392
14	54.30	54.12	37741	-259	160			-20	-286	-	-	3695	-208	8184
15	54.05	53.90	37483	-258	160-165e	350	231	-20	-306	-	-	3695	-207	7977

a - 4p; b - 9p; c - 150:155 at 800a & 155-160 at 6p; d - 160:165 at 12M & 165 - 160 at 7 p; e - 6p.

DEER LAKE

August 15,1943

Aug 1943 Day	Provo City To T	Provo City Bal	Salt Lake To S	Salt Lake Bal	Provo Bench Chg	Provo Bench Bal	Lehi Bal	Orem Bal	Amer Fork Bal	P.G. Ldn Bal	Dist. Com. Bal
bfwd	(382)	2650	(460)	17250	-	1342	147	580	194	194	4466
Trans 36-43										-194	
1	-11	2639	-	17250	-20	1322	147	580	194	00	4466
2	-11	2628	-	17250	-20	1302					
3	-11	2617	-	17250	-20	1282					
4	-11	2606	-	17250	-20	1262					
5	-11	2595	-	17250	-20	1242					
6	-11	2584	-	17250	-20	1222	147	580	194	--	4466
7	-11	2573	-	17250	-20	1202					
8	-11	2562	-	17250	-20	1182					
9	-11	2551	1a	17249	-20	1162					
10	-11	2540	7	17242	-20	1142					
11	-11	2529	6	17236	-20	1122	147	580	194	00	4466
12	-11	2518	18	17218	-20	1102					
13	-11	2507	15	17203	-20	1082					
14	-11	2496	-	17203	-20	1062					
15	-11	2485	-	17203	-20	1042	147	580	194	--	4466
	(547)		(507)								

To T - To Tanners; To S - To Defense Plant; S Pumps are assumed 10 cfs.
a - 5 cfs 2p to 5 p.

- -

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;
Defense Plant % W M Kearns; Metro Salt Lake % A W Watson.

DEER LAKE

Advance Sheet 40-43
August 16,1943.

ALLOCATION
ECHO STORAGE

C O P Y

- -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Knight Block
Provo, Utah
August 14, 1943

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

Dear Mr. Wentz:

Reference is made to my letter of July 8,1943, concerning the delivery of 1943 Echo storage water to the Extension Irrigation Company and the Provo Reservoir Water Users' Company, and to Mr. Sorensen's letter of July 30 to Mr. R.J.Murdock advising him that the Extension Irrigation Company is to receive 396 acre feet and the Provo Reservoir Water Users' Company 4950 acre feet at the head of the Weber-Provo Diversion Canal.

The revised amounts of storage water to be delivered to irrigation companies, in the Deer Creek Reservoir, as of July 1,1943, have been determined as follows:

Total storage in Echo Reservoir	5,466 acre feet
Less 2.2% charge by Mr. Sorensen	120 acre feet
Net storage at head of Weber-Provo Diversion Canal	5,346
Less 9% conveyance loss through canal	481
Net storage in Deer Creek Reservoir July 1	4,865

of the net 4, 865 acre feet stored in the Deer Creek Reservoir, 360 acre feet should be delivered to the Extension Irrigation Company and 4,505 acre feet to the Provo(Reservoir)Water Users' Company in place of the quantities given in my letter of July 8.

Very truly yours,

/s/ E.O.Larson

Construction Engineer

- -

CC - State Engr.; PRWUAssoc % E A Jacob: USRS; E G Thorum % UP&L: Utah Lake % D I Gardner; R J Murdock; I F Baum; J H Steele; ~~Defense Plant % W M Kearns~~; Metro Salt Lake % A W Watson; Extension Irr. Co % T Henry Moulton.

Advance Sheet 42-43 DEER LAKE End Day

Aug 31,1943

Aug 1943 Day	800a Gage	End Day Gage	Aft	Chge	"P" Gage 800a	Cfs Olm Dam	Nat Cfs Olm Dam	Evap Loss Chg	Evap Loss Bal	Deer Projt Bal	Cl "A"-UP&L Chge	Cl "A"-UP&L Bal	"M" Canal Chg	"M" Canal Bal
bfwd	5354.05	53.90	37252	-	-	-	-	-	-306	3695	-	-	-	7977
Trans 37-43										-		-		-
Trans 40-43				-				-		-59		-	+55	8032
										3636				
16	53.85	53.70	37252	-231	165	360	255	-20	-326	3636	-	-	-169	7863
17	53.65	53.50	37021	-231	165			-20	-346	3636	-	-	-166	7697
18	53.45	53.30	36790	-231	165			-20	-366	3636	-	-	-161	7536
19	53.25	53.10	36559	-231	165-170a			-20	-386	3636	-	-	-161	7375
20	53.00	52.85	36273	-286	170			-20	-406	3636	-	-	-216	7159
21	52.75	52.60	35989	-284	170			-20	-426	3636	-	-	-219	6940
22	52.50	52.35	35706	-283	170			-20	-446	3636	-14	-14	-204	6736
23	52.25	52.10	35422	-284	170			-19	-465	3636	-5	-19	-210	6526
24	52.00	51.85	35142	-280	170-165b			-15	-480	3636	-7	-26	-208	6318
25	51.80	51.60	34865	-277	165-170c	360	230	-15	-495	3636	+2	-24	-206	6112
26	51.55	51.35	34587	-278	170-175			-15	-510	3636	+13	-11	-210	5902
27	51.25	51.10	34310	-277	175			-15	-525	3636	+10	-1	-202	5700
28	50.95	50.85	34036	-274	175			-15	-540	3636	+2	1	-191	5509
29	50.75	50.60	33764	-272	175			-15	-555	3636	+10	11	-197	5312
30	50.50	50.33	33471	-293	175			-14	-569	3636	-13	-2	-200	5112
31	50.20	50.05	33166	-305	175	355	210	-14	-583	3636	-21	-23	-200	4912
Loss Adj			33166		-	-	-	+5	00	-57	-	-23	-122	4790
								+578		3579				

TFW a-8p; b-5p; c:5p; d-2p.

Advance Sheet 42-43 2 of 2 DEER LAKE End Day
Aug 31,1943

Aug 1943 Day	Provo City To T	Provo City Bal	Salt Lake To S	Salt Lake Bal	Provo Bench Chge	Provo Bench Bal	High-land Bal	Lehi Bal	Orem Met Chge	Orem Met Bal	P.G. Lind. Bal	Amer-fork Bal	Dist. Comy Bal	Exten-sion ~~Bal~~
bfwd	(547)	2485	(507)	17203		1042	0	147	-	580	0	194	4466	0
Trans 37-43					+50	1092			-50	530				
40-43														+4
														4
16	-10	2475	12	17191	-20	1072	0	147	-	530	0	194	4466	4
17	-10	2465	15	17176	-20	1052								
18	-10	2455	20	17156	-20	1032								
19	-10	2445	20	17136	-20	1012								
20	-10	2435	20	17116	-20	992								
21	-10	2425	15	17101	-20	972	0	147	-	530	0	194	4466	4
22	-10	2415	15	17086	-20	952								
23	-10	2405	20	17066	-20	932								
24	-10	2395	20	17046	-20	912								
25	-10	2385	28	17018	-20	892								
26	-10	2375	36	16982	-20	872	0	147	-	530	0	194	4466	4
27	-10	2365	40	16942	-20	852								
28	-10	2355	40	16902	-20	832								
29	-10	2345	40	16862	-20	812								
30	-10	2335	36	16826	-20	792								
31	-10	2325	40	16786	-20	772	0	147	-	530	0	194	4466	4
Loss								-2				-3	-70	
Adj	-39	2286	-267	16519	-16	756	0	145	-9	521	0	191	4396	4
	(707)		(924)											

- -

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.

Advance Sheet 43-43
Aug 31,1943

DEER LAKE

Average Acre Feet 37135
Average Area Acres 1155
Depth Evaporation Feet 0.50
Volume Evaporation Acre Feet 578.

EVAPORATION LOSS AUGUST 1943

	Totals	Evap Loss	Deer Projt	Cl A UP&L	"M" Canal	Provo City	Salt Lake	Provo Bench	Lehi	Orem	Amer-fork	P.G. Lind	Dist. Comy.	Exten-sion
Acftdys	T1151176	-9914	113601	46	240924	76830	530946	32482	4557	17180	6014	--	138446	64
Loss	578	+5	~~57~~ 55	--	122	39	267	16	2	9	3	--	70	--
Shown Totals	33166	583	3636	-23	4912	2325	16786	772	147	530	194	0	4466	4
Adjusted Totals	33166	+5 +578 00	~~3579~~ 3581	-23	4790	2286	16519	756	145	521	191	0	4396	4

TFW.
Incl with 42-43.

Advance Sheet 44-43
Sept 5,1943

DEER LAKE

DISCONTINUE DELIVERY
OF
STORAGE

COPY

- -

PROVO BENCH CANAL & IRRIGATION COMPANY

Provo, Utah.
Sept. 5, 1943

T.F.Wentz, Commissioner
Provo River,
City.

Dear Sir:

Please, to-day, discontinue storage draft to our canal.

Resp.

PROVO BENCH CANAL & IRRIGATION COMPANY

By Ray V.Wentz /s/
President

- -

Encl with 45-43.

Advance Sheet 45-43 1 Of 2

Sept 15,1943

DEER LAKE

End Day

Sept 1943 Day	800a Gage	End Day Gage	Aft	Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Chg	Evap Loss Bal	Deer Projt Bal	Cl A-UP&L Chg	Cl A-UP&L Bal	"M"Canal Chg	"M"Canal Bal
bfwd	5350.20	50.05	33166	-	-	-	-	-	0	3581	-	-23	-	4790
1	49.95	49.78	32878	-288	175	355	211	12	-12	3581	-	-23	-202	4588
2	49.70	49.50	32580	-298	175-172a			12	-24	3581	-6	-29	-206	4382
3	49.40	49.24	32303	-277	172			12	-36	3581	-	-29	-191	4191
4	49.15	48.98	32026	-277	172			12	-48	3581	-	-29	-191	4000
5	48.90	48.72	31755	-271	172-165			12	-60	3581	-	-29	-195	3805
6	48.65	48.46	31483	-272	165	340	210	12	-72	3581	-	-29	-206	3599
7	48.40	48.20	31212	-271	165			12	-84	3581	-	-29	-205	3394
8	48.15	47.94	30942	-270	165			12	-96	3581	-	-29	-204	3190
9	47.90	47.68	30676	-266	165			12	-108	3581	-	-29	-200	2990
10	47.60	47.42	30409	-267	165			12	-120	3581	-	-29	-201	2789
11	47.35	47.16	30144	-265	165	340	216	12	-132	3581	-	-29	-199	2590
12	47.10	46.90	29880	-264	165			12	-144	3581	-	-29	-198	2392
13	46.80	46.60	29579	-301	165	345	200	12	-156	3581	-15	-44	-220	2172
14	46.50	46.30	29279	-300	165			12	-168	3581	-22	-66	-220	1952
15	46.20	46.00	28978	-301	165	345	200	12	-180	3581	-23	-89	-220	1732

a - ~~1am.~~ 10am

Advance Sheet 45-43
Sept 15,1943

2 Of 2

DEER LAKE

Sept 1943 Day	Provo City To UP&L	Provo City T "T"	Provo City Bal	Salt Lake To "S"	Salt Lake Bal	Provo Bench Chg	Provo Bench Bal	High-land Bal	Lehi Bal	Orem Bal	Amer fork Bal	P.G. Lind Bal	Dist Comy Bal	Exten-sion Bal
Fwd	(0)	(707)	2286	(924)	16519	-	756	0	145	521	191	0	4396	4
1	6	8	2272	40	16479	-20	736	0	145	521	191	0	4396	4
2	6	8	2258	40	16439	-20	716							
3	6	8	2244	40	16399	-20	696							
4	6	8	2230	40	16359	-20	676							
5	6	8	2216	40	16319	-10	666							
6	6	8	2202	40	16279		666	0	145	521	191	0	4396	4
7	6	8	2188	40	16239									
8	6	8	2174	40	16199									
9	6	8	2160	40	16159									
10	6	8	2146	40	16119									
11	6	8	2132	40	16079		666	0	145	521	191	0	4396	4
12	6	8	2118	40	16039									
13	6	8	2104	40	15999									
14	6	-	2098	40	15959									
15	6	-	2092	40	15919		666	0	145	521	191	0	4396	4
	(90)	(811)		(1524)										

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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 Stee % W M Kearns; Metro Salt Lake % A W Watson.

Encl 44-43

Advance Sheet 46-43

DEER LAKE

TRANSFER STORAGE

C O P Y

- -

UTAH LAKE DISTRIBUTING COMPANY

Provo, Utah

August 17,1943.

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

Dear Mr. Wentz: RE: Deer Creek Storage Water, 1943

You are hereby authorized to transfer to the Provo Reservoir Water Users Company the Deer Creek Storage water to which this Company is entitled to receive for 1943, pursuant to quantities allocated by E.O.Larsen, Construction Engineer, Bureau of Reclamation, under dates of May 27th amd July 3rd, 1943.

Yours very truly

UTAH LAKE DISTRIBUTING COMPANY

/s/ R.J.Murdock
Secretary

RJM:PF

- -

Encl with 47-43.

Advance Sheet 47-43 DEER LAKE End Day
Sept 30,1943

Sept 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Chg	Evap Loss Bal	Deer Projt Bal	Cl A-UP&L Chg	Cl A-UP&L Bal	"M"Canal Chg	"M"Canal Bal
Fwd	5346.20	46.00	28978	-	-	-	-	-	-180	3581	-	-89	-	1732
Trans 46-43													+4396	6128
16	45.90	45.70	28683	-295	165	345	200	12	-192	3581	-23	-112	-216	5912
17	45.65	45.40	28389	-294	165			12	-204	3581	-24	-136	-214	5698
18	45.35	45.10	28094	-295	165			12	-216	3581	-23	-159	-216	5482
19	45.00	44.80	27803	-291	163			12	-228	3581	-25	-184	-210	5272
20	44.70	44.52	27534	-269	163-155			12	-240	3581	-1	-185	-212	5060
21	44.45	44.25	27274	-260	155	330	206	12	-252	3581	+14	-171	-218	4842
22	44.15	43.98	27014	-260	155			11	-263	3581	+14	-157	-218	4624
23	43.90	43.71	26759	-255	155			10	-273	3581	+9	-148	-210	4414
24	43.65	43.44	26505	-254	155			10	-283	3581	+16	-132	-216	4198
25	43.35	43.15	26230	-275	155			10	-293	3581	-6	-138	-216	3982
26	43.05	42.85	25950	-280	155	330	196	10	-303	3581	-10	-148	-216	3766
27	42.75	42.55	25672	-278	155			10	-313	3581	-9	-157	-216	3550
28	42.45	42.25	25394	-278	155			10	-323	3581	-8	-165	-216	3334
29	42.15	41.95	25117	-277	155			10	-333	3581	-4	-169	-220	3114
30	41.85	41.65	24845	-272	155			10	-343	3581	-6	-175	-212	2902
Acftdys			865387						-5499	107430		-2877		113916
Trans 46-43														+65940
Bal			865387						-5499	107430		-2877		179856
										-40				
Loss Adj			24845					+343	00	3541	-	-175	-71	2831

Sept 30,1943

DEER LAKE

Sept 1943 Day	Provo City To UPL	Provo City To "T"	Provo City Bal	Salt Lake To "S" Meter	Salt Lake Aft	Salt Lake Bal	Provo Bench Bal	Highland Bal	Lehi Bal	Orem Bal	American fork Bal	P.G. Lind Bal	Dist Comy Bal	Extension Bal
Fwd	(90)	(811)	2092	520	(1524)	15919	666	0	145	521	191	0	4396	4
Trans 46-43			-	-	-	-	-	-	-	-	-	-	-4396	-
16	6	-	2086	1770	38	15881	666	0	145	521	191	0	0	4
17	6	-	2080	2997	38	15843								
18	6	-	2074	4235	38	15805								
19	6	-	2068	5475	38	15767								
20	6	-	2062	6720	38	15729								
21	6	-	2056	7965	38	15691	666	0	145	521	191	0	0	4
22	6	-	2050	9205	39	15652								
23	6	-	2044	10444	38	15614								
24	6	-	2038	11688	38	15576								
25	6	-	2032	12908	37	15539								
26	6	-	2026	14140	38	15501	666	0	145	521	191	0	0	4
27	6	-	2020	15359	37	15464								
28	6	-	2014	16580	38	15426								
29	6	-	2008	17802	37	15389								
30	6	-	2002	19024	38	15351	666	0	145	521	191	0	0	4
Acftdys			63294			477213	20140	0	4350	15630	5730	0	65940	120
Trans 46-43													-65940	
Bal			63294			477213	20140	0	4350	15630	5730	0	0	120
Loss Adj	-24		1978		-190	15161	-8	0	-2	-6	-2	0	0	0
Bal	(180)	(811)	1978		(2092)	15161	658	0	143	515	189	0	0	4

Salt Lake to "Steel",-- Meter started 9-15-43, 215pm, at 040; Units m g-- 1000 gallons; end of day is

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TFW. CC - State Engr; PRWUAssoc % E A Jacob; USGS: 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 46-43 & 48-43

Advance Sheet 47-43 DEER LAKE
Sept 30, 1943

Sept 1943 Day	Provo City To UPL	Provo City To "T"	Provo City Bal	Salt Lake To "S" Meter	Salt Lake Aft	Salt Lake Bal	Provo Bench Bal	High-land Bal	Lehi Bal	Orem Bal	Amer-fork Bal	P.G. Lind Bal	Dist Comy Bal	Exten-sion Bal
Fwd	(90)	(811)	2092	520	(1524)	15919	666	0	145	521	191	0	4396	4
Trans 46-43			-	-	-	-	-	-	-	-	-	-	-4396	-
16	6	-	2086	1770	38	15881	666	0	145	521	191	0	0	4
17	6	-	2080	2997	38	15843								
18	6	-	2074	4235	38	15805								
19	6	-	2068	5475	38	15767								
20	6	-	2062	6720	38	15729								
21	6	-	2056	7965	38	15691	666	0	145	521	191	0	0	4
22	6	-	2050	9205	39	15652								
23	6	-	2044	10444	38	15614								
24	6	-	2038	11688	38	15576								
25	6	-	2032	12908	37	15539								
26	6	-	2026	14140	38	15501	666	0	145	521	191	0	0	4
27	6	-	2020	15359	37	15464								
28	6	-	2014	16580	38	15426								
29	6	-	2008	17802	37	15389								
30	6	-	2002	19024	38	15351	666	0	145	521	191	0	0	4
Acftdys			63294			477213	20140	0	4350	15630	5730	0	65940	120
Trans 46-43													-65940	
Bal			63294			477213	20140	0	4350	15630	5730	0	0	120
Loss Adj		-24	1978		-190	15161	-8	0	-2	-6	-2	0	0	0
Bal	(180)	(811)	1978		(2092)	15161	658	0	143	515	189	0	0	4

Salt Lake to "Steel",-- Meter started 9-15-43, 215pm, at 040; Units m g-- 1000 gallons; end of day is 1130pm.

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TFW. CC - State Engr; PRWUAssoc ℅ E A Jacob; USBS: 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 46-43 & 48-43

Advance Sheet 48-43
Sep 30,1943

DEER LAKE

EVAPORATION LOSS SEPTEMBER 1943

Average Acre Feet 28846
Average Area Acres 980
Depth Evaporation Feet 0.35
Volume Evaporation Acre Feet 343.

	Totals	Evap Loss	Deer Projt	Cl A UP&L	"M" Canal	Provo City	Salt Lake	Provo Bench	Lehi	Orem	Amer-fork	P.G. Lind	Dist Comy	Exten-sion	High-land
Acftdys	865387	-5499	107430	-2877	179856°	63294	477213	20140	4350	15630	5730	0	°	120	0
Loss	343	-	40	-	71	24	190	8	2	6	2	-	-	-	-
Shown Totals	24845	-343	3581	-175	2902	2002	15351	666	145	521	191	0	0	4	0
Adjusted Totals	24845	0	3541	-175	2831	1978	15161	658	143	515	189	0	0	4	0

TFW.
Incl with 47-43

° Utah Lake Distributing Company Acftdys included in "M" Canal, Trans 46-43.

Advance Sheet 49-43
Oct 15,1943

DEER LAKE

End Day

Oct 1943 Day	800a Gage	End Day Gage	End Day Aft	End Day Chng	"P" Gage 800a	Cfs Olm Dam	Natl Cfs Olm Dam	Evap Loss Chg	Evap Loss Bal	Deer Projt Bal	Cl A-UPL Chng	Cl A-UPL Bal	"M"Canal Chng	"M"Canal Bal	Metro Salt Lake To"S" Meter	Metro Salt Lake Aft	Metro Salt Lake Bal
Fwd	5341.85	41.65	24845	-	-	-	-	-	0	3541	-	-175	-	2831	19024	(2092)	15161
1	41.55	41.50	24709	-136	155-85a			-6	-6	3541	-	-175	-92	2739	20249	38	15123
2	41.50	41.45	24664	-45	85	220	200	-6	-12	2541	+18	-157	-20	2719	21461	37	15086
3	41.45	41.40	24618	-46	90-85			-6	-18	3541	+18	-139	-20	2699	e32559	d38	15048
4	41.35	41.35	24572	-46	85			-6	-24	3541	+17	-122	-20	2679	33777	37	15011
5	41.35	41.30	24527	-45	85			-6	-30	3541	+18	-104	-20	2659	34988	37	14974
6	41.25	41.23	24463	-64	85-90b			-6	-36	3541	+15	-89	-36	2623	36199	37	14937
7	41.15	41.15	24390	-73	90	240	210	-6	-42	3541	+6	-83	-36	2587	37402	37	14900
8	41.10	41.07	24318	-72	90			-6	-48	3541	+7	-76	-36	2551	38601	37	14863
9	41.00	40.99	24245	-73	90			-6	-54	3541	+6	-70	-36	2515	39810	37	14826
10	40.90	40.91	24174	-71	90			-6	-60	3541	+8	-62	-36	2479	41010	37	14789
11	40.85	40.85	24120	-54	90			-6	-66	3541	+23	-39	-34	2445	42207	37	14752
12	40.85	40.80	24076	-44	90-85			-6	-72	3541	+28	-11	-30	2415	43401	36	14716
13	40.80	40.75	24032	-44	85			-6	-78	3541	+29	18	-30	2385	44593	37	14679
14	40.75	40.70	23987	-45	85			-6	-84	3541	+28	46	-30	2355	45786	37	14642
15	40.70	40.65	23942	-45	85	230	210	-6	-90	3541	+28	74	-30	2325		37	14605
																(2648)	

a 155-100 at 800a; 100-85 at 100p; b - 600p; c - inside Meter out of order; d - Outside meter

Oct 1943	Provo City	Provo Bench	High-land	Lehi	Orem	Amer-fork	P.G. Lind	Dist. Comy	Exten-sion
Fwd	1978	658	00	143	515	189	00	00	4
1-15	1978	658	00	143	515	189	00	00	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 Stee % W M Kearns; Metro Salt Lake % A W Watson.

36177
34988
1211

WEBER RIVER WATERS

TO

PROVO RIVER

DIVERSION CANAL TO DEER CREEK RESERVOIR

1943

(c)

PROVO RIVER

Advance Sheet 1c-43 End Day
March 31,1943 Series c

WEBER RIVER WATERS TO PROVO RIVER -
DIVERSION CANAL TO DEER CREEK RESERVOIR.

March 1943 Day	Morn Cfs	Mean Cfs	Acre Feet
30	-	17a	10
31	-	26	52
Total	-	-	62

a - South End Diversion Canal to Provo River 5:00pm
Arrives Deer Lake April 1.
Impounded Deer Lake 14-43.

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TFW

Encl With 14-43.

PROVO RIVER

Advance Sheet 2c-43
April 15,1943

End Day

WEBER RIVER WATERS TO PROVO RIVER -
DIVERSION CANAL TO DEER CREEK RESERVOIR.

April 1943 Day	Morn Cfs	Mean Cfs	Acre Feet
Bal Fwd	-	-	62
1	-	42	84
2	-	53	106
3	-	100	200
4	-	114	228
5	-	111	222
6	-	116	232
7	-	118	236
8	-	111	222
9	-	116	232
10	-	128	256
11	-	126	252
12	-	120	240
13	-	147	294
14	-	176	352
15	-	202	404
Total	-	-	3622

Arrives Deer Lake one day later.
Impounded Deer Lake 14-43

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

TFW

Encl With 14-43

PROVO RIVER

Advance Sheet 3c-43 End Day
April 30,1943.

WEBER RIVER WATERS TO PROVO RIVER -
DIVERSION CANAL TO DEER CREEK RESERVOIR.

April 1943 Day	Mean Cfs	Acre Feet
Bal Fwd		3622
16	210	420
17	232	464
18	232	464
19	236	472
20	241	482
21	249	498
22	251	502
23	272	544
24	302	604
25	292	584
26	282	564
27	268	536
28	272	544
29	276	552
30	280	560
Total		11412

Arrives Deer Lake one day later.
Impounded Deer Lake 15-43.

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PROVO RIVER

Advance Sheet 3c-43 End Day
April 30,1943.

WEBER RIVER WATERS TO PROVO RIVER -
DIVERSION CANAL TO DEER CREEK RESERVOIR.

April 1943 Day	Mean Cfs	Acre Feet
Bal Fwd		3622
16	210	420
17	232	464
18	232	464
19	236	472
20	241	482
21	249	498
22	251	502
23	272	544
24	302	604
25	292	584
26	282	564
27	268	536
28	272	544
29	276	552
30	280	560
Total		11412

Arrives Deer Lake one day later.
Impounded Deer Lake 15-43.

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PROVO RIVER

Advance Sheet 3c-43 End Day
April 30,1943

WEBER RIVER WATERS TO PROVO RIVER -
DIVERSION CANAL TO DEER CREEK RESERVOIR.

April 1943 Day	Morn Cfs	Mean Cfs	Acre Feet
Bal Fwd			3622
16	-	210	420
17	-	232	464
18	-	232	464
19	-	236	472
20	-	241	482
21	-	249	498
22	-	251	502
23	-	272	544
24	-	302	604
25	-	292	584
26	-	282	564
27	-	268	536
28	-	272	544
29	-	276	552
30	-	280	560
Total	-	-	11412

Arrives Deer Lake one day later.
Impounded Deer Lake 15-43
- - - - - - - - - - - - - - - - - -
TFW

Encl with 15-43

PROVO RIVER

Advance Sheet 4c-43 End Day
May 15m 1943

WEBER RIVER WATERS TO PROVO RIVER -
DIVERSION CANL TO DEER CREEK RESERVOIR.

May 1943 Day	Morn Cfs	Mean Cfs	Acre Feet
Bal Fwd			11412
1	-	298	596
2	-	296	592
3	-	292	584
4	-	290	580
5	-	278	556
6	-	264	528
7	-	247	494
8	-	238	476
9	-	225	450
10	-	223	446
11	-	234	468
12	-	232	464
13	-	228	456
14	-	223	446
15	-	225	450
Total	-	-	18998

Arrives Deer Lake one day later.
Impounded Deer Lake 17-43.

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TFW

Encl with 17-43.

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PROVO RIVER

Advance Sheet 5c-43 End Day
May 31,1943.

WEBER RIVER WATERS AND ECHO STORAGE TO PROVO RIVER - DIVERSION CANAL TO DEER CREEK RESERVOIR.

May 1943 Day	Mean Cfs	Acre Feet	Deer Projt Acft	Echo Storage Acft
Bal Fwd		18998	18998	- - -
16	218	436	436	
17	208	416	416	
18	200	400	400	
19	187	374	374	
20	175	350	350	
21	168	336	336	
22	187	374	134	240
23	188	376	136	240
24	188	376	136	240
25	194	388	148	240
26	195	390	150	240
27	197	394	154	240
28	204	408	168	240
29	204	408	168	240
30	202	404	164	240
31	206	412	172	240
Totals		25240	22840	2400

Arrives Deer Lake one day later.
Impounded Deer Lake 19-43.

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TFW.

Encl with 19043.

- - - -

PROVO RIVER

Advance Sheet 6c - 43 End Day
June 15,1943.

WEBER RIVER WATERS TO PROVO RIVER *-
DIVERSION CANAL TO DEER CREEK RESERVOIR

June 1943 Day	Mean Cfs	Acre Feet
Bal Fwd		35240
1	338	676
2	241	482
3	221	442
4	225	450
5	222	444
6	220	440
7	220	440
8	218	436
9	220	440
10	211	422
11	209	418
12	208	416
13	197	394
14	200	400
15	199	398
Total		31938

Arrives Deer Lake one day later.
Impounded Deer Lake 21 - 43.

Echo Reservoir filled on May 31, -- has been spilling since.
All waters thru Diversion Canal will be entered in Deer Project column, and later Echo Storage will be allocated and transferred to "M Canal" column, credit.

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TFW.

Encl. with 21-43.

P R O V O R I V E R

Advance Sheet 7c - 43 End Day
June 26,1943.

WEBER RIVER WATERS TO PROVO RIVER --
DIVERSION CANAL TO DEER LAKE.

Concluding 1943.

June 1943 Day	Mean Cfs	Acre Feet	
Bal Fwd		31938	
16	202	404	
17	204	408	
18	208	416	
19	206	412	
20	204	408	
21	204	408	
22	202	404	
23	202	404	
24	143	286	
25	35	70	
26	7	7	Ended 12M
Grand Total		35565	

Arrives Deer Lake one day later.
Impounded Deer Lake.

All waters thru Diversion Canal impounded in Deer Lake, and entered in Deer Project column, later Echo Storage will be segregated and transferred to"M Canal" column credit.

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TFW.

Encl. with 22-43.

HEAD PROVO RIVER STORAGE

1943

(d)

P R O V O R I V E R

STORAGE HEAD PROVO RIVER

Advance Sheet 1d - 43. June 19,1943. Acre Feet.

	Number Applic.	Reservoir Name	GH	Acre Feet	Provo Res'r Co.	Exten-sion	Wasa-tch	Timp-ogus	Provo City
a	442	Trial	38.5	1700	769	81	425	425	
b	442	Washington	38.5	2690	1217	128	673	672	
c	442	Wall	32	2040	923	97	510	510	
d	2077	NFk#1 Weir							
		NFK#2 P Pot	-	162	162	-	-	-	-
e	2077a	NFK#3 Long	28.5	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	16.8	438	-	-	-	438	-
m	-	Marjorie	21	285	-	-	-	285	-
Totals 6		-	-	9990	4660	451	1686	2409	784

TFW.

CC - State Engr.; Provo Reservoir Co % R J Murdock; Wasatch Irr. Co. % T W Moulton; Timpanogus Irr. Co % Clarence Olson; Extension Irr. Co % T Henry Moulron; Provo City, USRS; I F Baum, Roy Atkinson; H C Clegg; D I Gardner.

PRWUAssoc. % E A Jacob.

P R O V O R I V E R

STORAGE HEAD PROVO RIVER

Advance Sheet 24-43
June 30,1943.

June 1943 Day	Release UFS	Release TFT	Delivered * To Deer Lake Aft
19 12M	50	50	
20	75	150	
21	100	200	100
22	125	250	175
23	125	250	225
24	125	250	250
25	125	250	250
26	125	250	250
27	125	250	250
28	125	250	250
29	125	250	250
30	125	250	250
Totals		2650	2250

* Delivered by Duratch Dam; - arrives Deer Lake one day later.

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

TFT.

CC - State Engr.; S J Murdock; T W Moulton; Clarence Olson; T Henry Moulton; Provo City; U.S.B.R.; I F Baum; Roy Atkinson; H C Clegg. A.V.Lanse. E T A Jacob.

PROVO RIVER

Advance Sheet 3d-43
July 9,1943.

HEAD PROVO RIVER STORAGE
AND
EXCHANGES

- - - - - -

No. Applic.	Reservoir Name	Acre Feet	Provo Resr. Co.	Exten-sion	Was-atch	Timp-ogus	Provo City	Wash-ton
Totals 1d-43		9990	4660	451	1686	2409	784	--
2812-2813	Big Elk	871	-	-	-	-	-	871
Grand Total		10861	4660	451	1686	2409	784	871
Less Charges(a)		347	112	18	67	96	19	35
Net Balance		10514	4548	433	1619	2313	765	836
Echo Storage(b)			4450	356				

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

To Pass Wasatch Dam To Deer Lake,- and Exchanges:

Provo Res'.Co.	4548	
Provo City	765	
Exchange--		
Extension Echo		356°
Washington,Project Storage°		151°
South Lamas, Project Storage°		151°
Totals	5313	658°
To Pass Wasatch Dam To Deer Lake	4655	

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

(a) 4% Charge after June 30, 40% of Utah County Water by Wasatch Dam on June 30.
(b) Advance Sheet 26-43, exchange Extension for Provo River Storage.
° In Deer Lake.

- -

TFW. CC - State Engr.; R J Murdock; T W Moulton; Clarence Olson; T Henry Moulton; Provo City; USRS; I F Baum; Roy Atkinson; H C Clegg; John Lambert.

P R O V O R I V E R

STORAGE HEAD PROVO RIVER

Advance Sheet 4d-43
July 17,1943

July 1943 Day	T	Release Cfs	Release Aft	Delivery Acre Feet Deer° Lake	Extension	Timpogus	Wasatch	Washington
Tot	Fwd	-	2650	2250	-	-	-	-
1		130	260	236	14			
2		130	260	236	14			
3		130	260	236	14			
4		130	260	236	14			
5		130	260	226	18	6	-	-
6		130	260	202	24	24		
7		130	260	164	34	52		
8		130	260	138	40	72		
9		130	260	138	40	72		
10		130	260	118	40	72	29	-
11		130	260	108	40	72	20	10
12		130	260	94	40	72	20	24
13		130	260	84	40	72	20	34
14		130	260	84	40	72	20	34
15	12M	130-89	219	84	40	72	20	34
16		89	178	21	40	72	20	34
17		89	178	--	40	64	32	34
Totals		--	6865	4655	532	794	172	204
1943 Storage		-	-	-	789	2313	1619	836
Balance		-	-	-	257	1519	1447	632

° Delivered by Wasatch Dam,-- arrives Deer Lake one day later.

- -

TFW.
CC - State Engr.; R J Murdock; TW Moulton; Clarence Olson;
T Henry Moulton; USRS; I.F.Baum; Roy Atkinson;
H C Clegg; PRWUAssoc % E A Jacob; J H Steele. John Lambert.

PROVO RIVER

STORAGE HEAD PROVO RIVER

Advance Sheet 5d-43
July 31,1943

July 1943 Day	T Release Cfs	Release Aft	Delivery Acre Feet Extension	Timpogus	Wasatch	Washton	South Kamas	Provo Res. Co& Provo Cty
Tot Fwd	-	6865	532	794	172	204	-	4655
18	90	180	40	64	32	34	-	-
19	Rain	-	40	64	32	34		
20	"	-	-	-	-	-		
21	Rain	-	-	-	-	-	-	-
22	70	140	-	-	-	-		
23	70	140	40	64	32	11a		
24	70	140	40	64	32			
25	70	140	40	64	32			
26	70	140	40	64	32	-	-	-
27	50	100	40	64	32			
28	50	100	10b	64	32			
29	50	100	-	64	32			
30	50	100	-	64	32			
31	50	100	-	64	32	-	-	-
Totals	-	8245	822	1498	524	283	00	4655c
1943 Storage	-	10861Gr 10514Nt	789	2313	1619	986	150	4655
Balance	-	2616Gr	-33	815	1095	703	150	00
				(		2763		)

In Transit 150

a - 17/0 8am; b - 20/0 6am; c - 3d-43. 19, 20, & 21 Storms.

- -

TFW.
CC - State Engr: R J Murdock; T W Moulton; Clarence Olson;
T Henry Moulton; I.F.Baum; Roy Atkinson; H C Clegg;
USRS; John Lambert; Frank Turnbow;

STORAGE HEAD PROVO RIVER

Advance Sheet 6d-43
August 15,1943

Aug 1943 Day	Release Cfs	Release Aft	Delivery Acre Feet: Extension	Timpogus	Wasatch	Washton	South Kamas	Provo ResCo Pr.Cty	North Field
Tot Fwd	-	8245	822	1498	524	283	00	4655	--
1	50	100	-	64	32	-	-	-	-
2	70	140		64	32				
3	55	110		64	32	26b	6b		
4	55	110		64	00a	34	8		+30a
5	55	110		64	a	34	8		+30a
6	55	110	-	64	-a	34	8	-	+30a
7	55	110		64	a	34	8		+30a
8	55	110		64	a	34	8		+30a
9	60	120		64	a	34	8		+30a
10	60	120		64	10a	34	8		+20a
11	60	120	-	64	10a	34	8	-	+20a
12	60	120		64	10a	34	8		+26a
13	50	100		64	10a	34	7		+24a
14	50	100		16c	40a	34	7		+20a
15	50	100	-	--	55a	34	7	-	+20a
Totals	-	9925	822	2346	755	717	99	4655	+310a
Transfer					310				--
					1065				
1943 Storage		10861G	789	2313	1619	986	150	4655	310
Balance		936G	-33	-33	554	269	51	00	310
					(		1184		)

In Transit 150

a - North Field allows use of First Class to the Wasatch for storage.
b - 600a; c - 600a.

- -

TFW
CC - State Engr; R J Murdock; T W Moulton; Clarence Olson;
T Henry Moulton; I F Baum; Roy Atkinson; H C Clegg;
USRS; John Lambert; Frank Turnbow.

PROVO RIVER
STORAGE HEAD PROVO RIVER

Advance Sheet 6d-43
August 15,1943

Aug 1943 Day	Release Cfs	Release Aft	Delivery Acre Feet: Extension	Timpogus	Wasatch	Washton	South Kamas	Provo ResCo Pr.Cty	North Field
Tot Fwd	-	8245	822	1498	524	283	00	4655	--
1	50	100	-	64	32	-	-	-	-
2	70	140		64	32				
3	55	110		64	32	26b	6b		
4	55	110		64	00a	34	8		+30a
5	55	110		64	a	34	8		+30a
6	55	110	-	64	-a	34	8	-	+30a
7	55	110		64	a	34	8		+30a
8	55	110		64	a	34	8		+30a
9	60	120		64	a	34	8		+30a
10	60	120		64	10a	34	8		+20a
11	60	120	-	64	10a	34	8	-	+20a
12	60	120		64	10a	34	8		+26a
13	50	100		64	10a	34	7		+24a
14	50	100		16c	40a	34	7		+20a
15	50	100	-	--	55a	34	7	-	+20a
Totals	-	9925	822	2346	755	717	99	4655	+310a
Transfer					310				--
					1065				
1943 Storage		10861G	789	2313	1619	986	150	4655	310
Balance		936G	-33	-33	554	269	51	00	310
					(		1184		)

In Transit 150

a - North Field allows use of First Class to the Wasatch for storage.
b - 600a; c - 600a.

- -

TFW
CC - State Engr; R J Murdock; T W Moulton; Clarence Olson;
T Henry Moulton; I F Baum; Roy Atkinson; H C Clegg;
USRS; John Lambert; Frank Turnbow.

PROVO RIVER
STORAGE HEAD PROVO RIVER

Advance Sheet 7d-43
August 23,1943

Aug 1943 Day	Release Cfs	Release Aft	Delivery Acre Feet: Extension	Timpogus	Wasatch	Washton	South Kamas	Provo Res.-Pr.Cty	North Field
Bal bfwd	-	936G	-33	-33	554	269	51	00	310
Tot fwd	-	9925	822	2346	1065	717	99	4655	
4% Charge Deer Lake Waters						6	6		
4% Charge on Exchange									12
16	29	58	-	-	30	34	7	-	-
17	29	58			30	34	7		
18	29	58			30	34	7		
19	29	58			30	34	7		
20	29	58			30	34	7		
21	29	58			30	34	7		
22	29	58			30	34	7		
23	30	60			30	34	2 8am		
24	30	60			30	8 6am			28
25	30	60			30	--	-		28
26	30	60			30				28
27	30	60			30				28
28	30	60			30				28
29	30	60			30				28
30	30	60			30				28
31	30	60			30				28
Totals		10871	822	2346	1545	1003	156	4655	236
1943 Storage		10861	789	2313	1619	986	150	4655	310
Balance		-10	-33	-33	74	-17	-6	00	74
					(		148		)

In Transit 90

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TFW
cc - State Engr.; R J Murdock; T W Moulton; Clarence Olsen; T Henry Moulton; I F Baum; Roy Atkinson; H C Clegg; USRS; John Lambert; Frank Turnbow.

PROVO RIVER
STORAGE HEAD PROVO RIVER

Advance Sheet 8d-43
September 1,1943

Sept 1943 Day	Release Cfs	Release Aft	Deliver Acre Feet Extension	Timpogus	Wasatch	Washton	South Kamas	Provo Res.- Pr.Cty	North Field
Tot Fwd	-	10871	822	2346	1545	-997-	150	4655	224
1	30	60			30				28
2	30	60			30				28
3	30	60			30				28
-	-	-	-	-	-	-	-	-	-
Totals		11051	822	2346	1635	997	150	4655	308
1943 Storage Gross		10861							
Net			789	2313	1619	980	144	4655	298
Balance		-190	-33	-33	-16	-17	-6	00	-10

- -

TFW.
CC - State Engr.;R J Murdock; T W Moulton; Clarence Olson; I F Baum; T Henry Moulton; Roy Atkinson; H C Clegg;John Lambert, Frank Turnbow; USRS.

PROVO RIVER

Advance Sheet 3X - 43 - General
April 19,1943.

C O P Y

- -

BOARD OF CANAL PRESIDENTS

. . . . Salt Lake City, Utah
. . . .
. . . . April 16,1943

Mr. Frank Wentz, Commissioner
Provo River
Provo,Utah
and
Mr. Ed Watson
State Engineer
State Capitol
City

Gentlemen:

At meeting of the Board of Canal Presidents held April 13 last, the question of measuring the water delivered into the Provo River from the Weber-Provo diversion canal was discussed. Mr. David I.Gardner, Commissioner on the Utah Lake - Jordan River Water System stated he had discussed this matter with you and you had both felt a Parshall flume should be installed at or near the junction of the Weber-Provo canal with the Provo River.

The Board approved your recommendation, and passed the following resolution unanimously:

"That the Board of Canal Presidents recommend to Mr. Frank Wentz, Commissioner of Provo River, and Mr. Ed Watson, State Engineer, that a Parshall flume be constructed on the Weber-Provo diversion canal at or near its junction with the Provo River, at the earliest practical date."

Respectfully yours

Board of Canal Presidents

/s/ W D Beers

Chairman

WDB:cf

- -

CC - State Engr.; PRPUAssoc. % R A Jacob; USBR; UP&L % E O Thorum; Utah Lake % David I.Gardner; R J Murdock; A F Baum; J H Steele.

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C R 1943

PRECIPITATION

1942 x 1943

HEBER	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Elev 5593	0.74	1.76										
Prec	0.74	1.76	1.80	2.66	1.72	1.25	0.47	0.41	2.82	1.12	1.49	0.11
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	-.67	+.35	+.28	+.63	-.20	-.71	-1.00	-.98	+2.16	+.32	+.39	-.97
Percent	52	125	118	131	90	64	32	29	428	140	135	10
Tot Prec	0.74	2.50	4.30	6.96	8.68	9.93	10.40	10.81	13.63	14.75	16.24	16.35
Tot Norl	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	-.67	-.32	-.04	+.59	+.39	-.32	-1.32	-2.30	-.14	+.18	+.57	-.40
Percent	52	89	99	109	117	97	89	83	98	101	104	98

PROVOCITY												
El 4517												
Prec	0.49	1.35	0.69	0.88	2.21	1.12	0.41	0.44	2.23	0.34	0.92	0.03
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	-.99	+.03	-.72	-.77	+.57	-.59	-1.15	-1.24	+1.55	-.25	-.06	-1.06
Percent	33	102	49	53	135	65	26	26	328	58	94	3
Total Prec	.49	1.84	2.53	3.41	5.62	6.74	7.15	7.59	9.82	10.16	11.08	11.11
Tot Norl	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	-.99	-.96	-1.68	-2.45	-1.88	-2.47	-3.62	-4.86	-3.31	-3.56	-3.62	-4.68
Percent	33	66	60	58	75	73	66	61	75	74	75	70

SALT LAKE CITY												
El 4260												
Prec	0.59	1.90	1.60	1.35	1.94	0.99	1.38	0.86	2.05	0.13	0.63	0.98
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	-.85	+.55	+.17	+.04	+.43	-.99	-.67	-1.06	+1.25	-.38	-.22	----
Percent	41	141	112	103	128	50	67	45	256	26	74	100
Tot Prec	0.59	2.49	4.09	5.44	7.38	8.37	9.75	10.61	12.66	12.79	13.42	14.40
Tot Nor	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	-.85	-.30	-.13	-.09	+.34	-.65	-1.32	-2.38	-1.13	-1.51	-1.73	-1.73
Percent	41	89	97	98	105	93	88	82	92	90	89	89

PARK CITY												
El 7100												
Prec	0.80	2.12	1.67	3.38	2.34	1.61	0.70	1.52	2.77	1.10	1.43	0.10
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	-.53	+.42	-.53	+.47	-.44	-1.33	1.17	+.31	+2.07	-.15	-.09	-1.12
Percent	60	125	76	116	84	55	37	126	395	88	94	8
Tot Prec	0.80	2.92	4.59	7.97	10.31	11.92	12.62	14.14	16.91	18.01	19.44	19.54
Tot Nor	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	-.53	-.11	-.64	-.17	-.61	-1.94	-3.11	-2.80	-.73	-.88	-.97	-2.09
Percent	60	96	88	98	94	86	80	84	96	95	95	90

SNAKE CREEK												
El 5950												
Prec	0.92	2.80	3.28	5.06	3.14	2.97	1.03	1.01	2.55	1.41	1.00	0.30
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	-.70	+.81	+.60	+1.79	+.07	-.07	-1.06	-.62	+1.81	+.35	-.43	-1.14
Percent	56	141	123	155	102	98	49	62	318	133	70	21
Tot Prec	0.92	3.72	7.00	12.06	15.20	18.17	19.20	20.21	22.76	24.17	25.17	25.47
Tot Nor	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	-.70	+11	+.71	+2.50	+2.57	+2.50	+1.44	+.82	+2.63	+2.98	+2.55	+1.41
Percent	56	103	111	115	126	116	108	104	113	114	111	106

AVERAGE												
Prec	0.71	1.98	1.81	2.67	2.27	1.59	0.80	0.85	2.48	0.82	1.09	0.30
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	-.75	+.43	-.04	+.44	+.09	-.74	-1.01	-.72	+1.77	-.02	-.09	-.86
Percent	49	128	98	120	104	68	44	54	349	98	92	26
Tot Prec	0.71	2.69	4.50	7.17	9.44	11.03	11.83	12.68	15.16	15.98	17.07	17.37
To Nor	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	-.75	-.32	-.36	+.08	+.17	-.57	-1.58	-2.30	-.53	-.55	-.64	-1.50
Percent	49	89	93	101	102	95	88	85	97	97	96	92

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TFW. CC - U S Weather Bureau; E G Thorum, I F Baum; J H Steele, Olmstead Pl.

PRECIPITATION, SNOW COVER, WATER SUPPLY

March 31,1943 Released April 7,1943.

Precipitation Six Months Oct 1 - March 31

Station	1943	1942	1934	Nor-mal	1943 %Norl
Heber City	9.93	9.90	6.57	10.25	97
Provo City	6.74	10.37	4.75	9.21	73
Salt L Cty	8.37	12.37	6.03	9.02	93
Park City	11.92	13.94	7.71	13.86	86
Snake Crk	18.17	16.84	10.47	15.67	116
Average	11.03	12.67	7.11	11.60	
% Normal	95	109	61		

Station Percent Normal And Elevation

Station	Elev	Percent Normal
Provo River:		
Provo Cty	4517	73
Daniels	8000	87
Long Lake	10300	94
Weber River:		
Ogden	4400	85
SmithOM	7600	120
Red Mine	8750	103
Spanish Fk Rvr:		
Sp.Fork	4711	92
Straw Rdg	8000	77

BROWN WELL CHARLESTON

Year	Ft To Water
1943	18.20
42	17.78
41	19.05
35	20.3
34	18.8

CARLILE WELL HEBER CITY

Year	Ft To Water
1943	55.60
42	56.84
41	62.32
40	59.8

UTAH LAKE

Year	Gage	Aft
1943	-4.88	422,860
42	-4.95	417,500
41	06.53	299,770
35	-9.00	139,800
34	-7.62	224,700

STRAW LAKE

Year	Aft
1943	49,934
42	47,000
41	33,200
36	15,060
35	12,660

DEER LAKE

Year	Aft
1943	12,310
42	3,919
41	2,300

SNOW COVER

	Head Daniels 8000		East Portal 7560		Straw Ridge 8000		Soapstone 7800		Trial Lake 9800		Long Lake 10,300	
Year	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat
1943	50.8	18.2	42.4	14.11	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
38		15.9		12.0		19.4		12.0		27.9		30.6
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
1943 % Nor		87		80		77		126		101		94
											/94	

	Smith° Morehouse 7600		Reden Mine°° 8750	
Year	Snow	Wat	Snow	Wat
1943	48.9	17.8	66.8	25.1
42		14.5		20.9
41		9.5		15.3
39		9.9		17.1
38		14.1		21.2
Normal		14.9		24.4
1943 % Nor		120		103

°Weber River 15 miles above Oakley
°° Weber River 5 miles NE Kamas, head Hoyt Canyon.

TFW

C R 1943

DAILY PRECIPITATION
AT
HEBER CITY

(Index Station)

YEAR ENDING SEPTEMBER 30, 1943.

1942 x 1943

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
1	.	.	.15	.	.	.	.	.	1.42	.	.23	.
2	.	.	.42	.02	.	.	.	.	.38	.	.03	.
3	.	.	.	.	.13	-	.	.	.	.	.	.
4	.	.20	.	.	.11	T	.	.20	.74	.	.	.
5	.	.	.	.	.14	.34	.	.	.	.	.20	.
6	.	.	.	.	.	.	.	.02	.	.	.10	.
7	.	.	.08	.	.	.	.07	.07	.	.10	.22	.
8	.	.	.	.	.34	.10	.	.11	.	.	.	.
9	.	.	.03	.	T	.21	.	.	.	.	.	.02
10	.	.	.18	.	.	.	.10	.	.	.	.	.
11	.23	.	.	.	.	.	.19	.	.	.	.	.
12	.03	.	.	.	.	.	.	.	.	.	.	.
13	.22	.	.	.	.	.	.	.	T	.	.	.
14	.	.	.	.	.	.07	.	.	.18	.	.	.
15	.	.10	.	.	.	.28	.	. T	.	.19	.20	.
16	.	.10	.	.	.	.15	.	.01	.	.	.	.
17	.	.42	.	.	.	.10	.07	.	.	.	.03	.
18	.	.	.	.	.	T	.	.	.	.	.03	.
19	.	.13	.	.	.	.	T	.	.	.	.	.
20	.	.	.	.06	.	.	.	.	.	.34	.	.
21	.	.	.	.16	.30	.	.	.	.	.49	.	.
22	.	.	.	.61	.	.	.	.	.	.	.	.
23	.	.	.24	.70	.	.	.	.	.	.	.	.
24	.	.	.70	.74	.62	.	.	.	.	.	.	.
25	.	.	.	.	.08	.	.	.	.	.	.	T
26	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.03	.	.08	.	.	.	.	.	.	.	.05
28	.13	.25	.	.07	.	.	T	.	.	.	.	.04
29	.	.	.	.06	x	.	.04	.	.10	.	.45	.
30	.13	.53	.	.16	x	T	.	T	.	.	T	.
31	.	xx	.	.	x	.	xx	T	xx	.	.	xx
Totals	.74	1.76	1.80	2.66	1.72	1.25	0.47	0.41	2.82	1.12	1.49	0.11

- -

CC - State Engr.; I F Baum; USRS; UP&LCo; E A Jacob; D I Gardner.

C R 1943

ONTARIO TUNNEL 1943

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

Date 1943		Cfs	Month Mean	Date 1943		Cfs	Month Mean
May	24	5.65	5.65	Aug	8	8.85	
					13	8.50	8.67
Jun	8	8.65					
	21	9.25	8.95	Sep	3	8.85	
					18	6.25	8.55
Jly	1	8.65					
	6	9.25		Oct	2	7.10	-
	15	9.25					
	20	8.85					
	27	8.85	8.97	Mean			8.16

Mean flow Ontario Tunnel May, June, July, August and September, 1943, -- 8.16 cfs at weir under bridge at Hailstone, and plus 1.0 cfs used by George Fisher above weir is total of 9.16 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	0.83 "
Utah Power & Light 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	1.83 "
Totals	9.16 Cfs

- - - - - - -

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.

TFW 10-13-43

C R 1943

OUTLINE DISTRIBUTION PROVO DIVISION 1943

	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 & City Creek	10.00	9.20	8.20	7.77
Provo City excl waterworks	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 attached sheet.				
Provo Reservoir Canal:-				
Of Blue Cliff Right	7.86	11.59	15.17	15.17
Wright Estate Springs and River water less 0.6 cfs not to exceed	1.20	1.20	1.20	1.20
Round Valley Creek, no to exceed	-----	3.12	3.12	3.12
Storage as shown	....	....	....	.....
Tunnel Water as shown	....	....	....	....
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 distribution 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 on the Dixon Right as shown

- -

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

- -

TFW. April 28, 1943.

Utah Power & Light Flume broke on June 22, 700am, It was the latter part of August before flume was in condition to take all of right. After the full right was in flume, there was a small quantity of water below Olmstead belonging to Provo Res Co, -- they were unable to get operators to run pumps.

OUTLINE DISTRIBUTION PROVO BENCH CANAL 1943

	May 10- Jun 20	Jun 20- Jly 20	Jly 20- May 10
a. One Share Equals cfs	.05	.04525	.04074
b. PBC&ICo, Par 6 Decree, 1520.4 shrs	76.01	68.77	61.89
c. Caleb Tanner, Deed Par 30, 5 shrs	0.25	0.25	0.25
d. Caleb Tanner Deed, 28 shars	1.24	1.24	1.24
e. Provo Res Co Deed 250 shrs	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 cert 163.25 P B Shares	8.16	7.40	6.65
j. Tanners, No cert. 99 P B Shars .	4.95	4.48	4.03
and 152.5 North Union Shares. . .	4.04	3.65	3.29
and Tanner Deeds 15.75 P B Shrs	0.79	0.71	0.64
6.00 N U "	0.16	00.14	0.13
k. Sub-total Class A	115.65	104.78	94.45
THRU NORTH OPENING OF DIVISION GATES:			
l. Provo Res. Co 638.0 acres Duty 57, 63, 70	11.19	10.13	9.11
m. Tanners 22 acres, duty 57 . . .	0.39	-----	-----
52 " " 63, 70 . .	-----	0.83	0.74
n. Subtotal Class A North Opening	11.58	10.96	9.85
o. Total Class A	127.23	115.74	104.30
And Class G :-			
p. Provo Res. Co	8.50	8.50	8.50
q. George Stratton	1.50	1.50	1.50

TFW. April 28, 1943.
CC - L J Salisbury
R V Wentz

See letter of Aug 12, 1943, -- -.25 cfs thru North Opening.
Begining Sept 6, 4 cfs additional Provo Res. Co Water thru North Opening.

C R 1943.

C O P Y

Provo, Utah
August 12,1943

T F Wentz
Commissioner Provo River
City.

RE: Distribution

Dear Sirs:

Please turn of the waters of the Provo Bench Canal at the Division Gates at South End of Canal, an additional one-quarter second foot through the North Opening.

Resp.

PROVO BENCH CANAL & IR. CO.

By Ray V.Wentz /s/
President

C R 1943 C O P Y

PROVO CITY CORPORATION

Elmer A Jacob
City Engineer

Engineering Department

Phone 1251

Provo, Utah.

August 28, 1943

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

Dear Mr. Wentz:

In harmony with our telephone conversation, you are advised to turn the Esthma Tanner water available under paragraph #28 of decree in Case No. 2888 Civil, for the benefit of Provo City as follows:

A) Into the Provo City culinary water system from Lost Creek and / or Bridal Veil Falls as is required and ordered by the Water Works Department of Provo City; and
B) The balance of said water to the Provo Reservoir Water Users Company.

This order will supercede all previous orders for distribution of this water.

Yours very truly,

/s/ E.A.Jacob

E.A.JACOB
City Engineer

EAJ:rr
CC to Mayor Maurice Harding
Commissioner Joseph Swapp
Provo Reservoir Water Users Co.
% R.J.Murdock, Provo, Utah.

- - - - - - - - - - -

C R 1943

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 Meldfum	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, Duty 57, 1.29 cfs "A"
Jun 20-Jly 20, " 63, 1.17 " "B"
Jly 20-May 10, " 79, 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 Boyce Estate	.300	.281	.246	.229
Jane E Smith	.110	.100	.087	.079
Totals	10.00	9.20	8.20	7.77

- -

C R 1943

LOSS AND GAIN ALLOWANCES

Name	Loss Cfs	Gain Cfs
Provo Bench Canal	5	-
Timpanogus Canal Co	2	-
Upper East Union Canal	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 1943

Abstract of contract between Provo City and Tanners -- exchange of storage for the Dixon Right, page 96, 1941 Commissioner's Report.

C R 1943 C O P Y

Provo, Utah
April 22, 1943.

T F Wentz
Commissioner Provo River
City:

Dear Sir:

You are hereby authorized and requested to deliver thru the Provo Bench Canal, of the waters of Caleb Tanner and Esthma Tanner, during the season of 1943, the following:-

a. 99.0 Shares Provo Bench Canal & Irr. Co equal to

May 10-Jun 20, 4.95 cfs
Jun 20-Jly 20, 4.48 "
Jly 20-May 10, 4.03 "

b. 152.5 Shares North Union Irr.Co. equal to

May 10-Jun 20, 4.04 cfs
Jun 20-Jly 20, 3.65 "
Jly 20-May 10, 3.29 "

c. Thru North Opening of Division Gates for the irrigation of 22.0 acres:-

May 10-Jun 20, 0.39 cfs

cc. Thru North Opening of Division Gates for the irrigation of 52.0 acres:-

Jun 20-Jly 20, 0.83 cfs
Jly 20-May 10, 0.74 "

d. And by Tanner Deeds 15.75 Provo Bench Shares equal to

May 10-Jun 20, 0.79 cfs
Jun 20-Jly 20, 0.71 "
Jly 20-May 10, 0.64 "

e. And by Tanner Deeds 6.00 shares North Union Irr. Co. equal to:-

May 10-Jun 20, 0.16 cfs
Jun 20-Jly 20, 0.14 "
Jly 20-May 10, 0.13 "

f. Totals of the foregoing:-

May 10-Jun 20, 10.35 cfs
Jun 20-Jly 20, 9.81 "
Jly 20-May 10, 8.83 "

- - - - -

Resp.
Caleb Tanner
Esthma Tanner

By /s/ A.L.Tanner
A.L.Tanner Agt.

- - - - - - -

C R

C R 1943

LOST CREEK AND BRIDAL VEIL FALLS TO
PROVO CITY WATERWORKS
1943

Second Feet:

Day	April		May		JUNE		July		August		September	
	BVF	LC	BVF	LC	BVF	LC	BVF	LC	BVF	LC	BVF	LC
1	-	-	-	2.46	-	-	-	2.93	-	-	-	2.28
2				2.46				2.93				2.28
3				2.02				2.93				2.28
4								2.93				2.28
5								2.93				2.19
6	-	-	-	-	-	-	-	2.93	-	-	-	2.19
7								2.93				2.19
8								2.93				2.19
9							1.77	2.93				2.19
10				1.77		2.93	1.77	2.93				2.02
11	-	-	-	1.77	-	2.93	1.77	2.93	-	-	-	2.02
12				1.77		2.93	1.77	2.83				2.02
13				1.77		2.93	1.77	2.83				2.02
14				2.46		2.93	1.77	2.83				2.02
15				2.19		2.93	1.77	2.83				2.02
16	-	-	-	2.19	-	2.93	-	2.83	-	-	-	1.93
17				2.02		2.93						
18				2.02		2.83						1.93
19				2.02		2.83						1.93
20				2.02		2.64						1.93
21	-	-	-	2.19	-	2.64	-	-	-	-	-	1.93
22				2.19	2.64	2.64						1.77
23			2.64	2.46	3.42	2.93			1.85	2.73		1.77
24			2.64	2.46	3.42	2.93			1.85	2.73		1.77
25			2.64	2.46	3.42	2.93			1.85	2.73		1.77
26	-	-	2.64	2.46	3.42	2.93	-	2.73	1.85	2.73	-	1.77
27			2.64	2.46		2.93		2.73	2.02	2.28		1.77
28		2.37	2.64	2.46		2.93		2.73	2.02	2.28		1.77
29		2.10	2.64	2.46		2.93		2.73	2.02	2.28		1.77
30		2.02		2.46		2.93			2.02	2.28		1.77
31	xx	xx	-	2.46	xx	xx	-	-		2.28	xx	xx

Observations made by Mr. Schoel.

This right was supplied of the Dixon Right as directed in letter of Provo City of April 28,1943, and Deer Creek Storage.

- -

TFW. 10-14-43.
CC - Provo City % E A Jacob; UP&LCO % E G Thorum; UP&LCO % E G List.

C R 1943

GENEVA STEEL RESERVOIR

1943

Memo:

a Last of June reservoir was dropped from gage 4527.9 to 4522, -- 5.9 feet, water dumped into Utah Lake.

b Began delivery of Deer Creek Storage June 30, June 30 to Oct 16, delivered of Deer Creek Storage, thru pumps, to Geneva Steel Reservoir 2672 acre feet, -- storage notes.

c Geneva Steel Reservoir at gage 4528 = 1275 m g -- 3913 acft.

d Geneva Steel owns one-fifth water right of West Union Canal Company.

e West Union Canal Company Water Right, Class A:-

May 10-Jun 20, 24.61 cfs
Jun 20-Jly 20, 22.24 "
Jly 20-Sep 1, 20.11 "
Sep 1-May 10, 20.41 "

f Geneva Steel one-fifth of West Union Canal Company Right:-

April 15 To Oct 15:

Dates	No. Days	Cfs 1/5 e	Acre Feet
Apl 15-May 10,	25	4.1	205
May 10-Jun 20	40	4.9	392
Jun 20-Jly 20	30	4.5	270
Jly 20-Sep 1	40	4.0	320
Sep 1-Oct 15	45	4.1	369
Totals	180		1556

g Deer Creek Storage to Geneva Steel Resr 2672
West Union Right 1556

Total 4228

h Reservoir at Gage 4528 3913

i. Balance 315

j.List of other rights of Geneva Steel not at hand.

October 16 to December 31, pumping and dumping into Utah Lake was continued, -- no consumption of water, to temper the water in the reservoir for boiler uses.

C R 1943.

SHINGLE CREEK

June 26,1943 Diverted to Beaver Creek.

October 18,1943, Returned to Provo River.

- - - - - - - -

C R 1943

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1943		Time	GH	Cfs	Remarks
Apl	2	700a	652	370	
	7	700a	655		
	10	700a	655		
	13	700a	555	380	
	21	700a	650	380	
	22	700a	650	380	
	27	700a	652	380	
	29	700a	650		
May	2	700a	650		
	8		585	321	Station Rating
	11	700a	588		
	14	700a	630	346	" "
	15	700a	630	346	
	17	700a	630	346	
	18	700a	630	346	" "
	21	1210p	630	354	" "
	23	700a	630	346	
	24	1015a	632)		
		1050a	632)	354.26	Meter Msr
	26	700a	630		
	28	400p	630	354	
	29	1053a	636	360	
Jun	2	700a	630	354	
	3	12M	630		
	6	700a	630	350	
	9	12M	630	350	
	11	1110a)	632(		
		1145a)	630(	335.39	Meter Msr.
	12	700a	631		
	14	555a			Turned out for annual repairs.
	21	825a			Turned in.
		930a	514		
	22	730a			Broke at "February Break" one mile above Olmstead, about 200 feet of flume out.
Jly	27	1127a			Turned in about 80 cfs; Turned in about 45 cfs yesterday, turning out this morning to take out checks.
	29	920a	Raised 0.4 ft		
	30	1030a	Raised 0.4 ft more.		
Aug	1	840a	Raised to about 135 cfs		
	4	700a	521	162	Raised 0.3 ft
	10	315p	545	218	Station Rating, will hold heer few days.
	15	700a	545	218	
	17	1100a	545)		
		1140a	543)	225.54	Meter Msr.
	24	700a	548		
	31	700a	551		
		916a			Raised about 15 cfs.

C R 1943

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1943	Time	GH	Cfs	Remarks
Sep 1	700a	541	230	
	1000a			Turned in 5 cfs more.
4	1000a	545)		
	1020a	546(	236.47	Meter Msr. Total river 236 +119(Provo Res. Canal) = 355, -138 storage, - 2 tunnel = 215 cfs Natural river, and Wright Est Water of P R Co of 3 cfs = 212 Natural River to UP&L Flume + 2 cfs of Tunnel = 214, + 20 cfs storage of Geneva Steel = 234 cfs, + 3 cfs Provo City storage in lieu of Lost Creek = 237 cfs.
	1040a	545)		
5	700a	547		
6	230p	545	235.63	Total River 236 + 106 = 342 - 125 storage - 2 Tunnel = 115 Nat river, -3 Wr Est =212, Nat rvr to flume, + 2 Tunnel = 214 + 20 Geneva Steel, + 3 Provo City Storage=237
11	555a			Turned out for repairs.
13	800a		Begin turning in	
	115p		In.	
20	328p	530	Cut to 525	
22	700a	526		
23	700a	525	215	
	215p	Raised to 528		
27	700a	527	218,	196 Nat rvr +20 Geneva Steel +2 Tun = 218
Oct 1	610a	520	Passing Provo Res Co Wr. Est and Storage.	
2	700a	508		
3	700a	520		
4	1130a	498	11~~0~~5 cfs Provo Res Canal, + 10.38 Timpanogus= 21.88, should be 13 + 13.38 = 26.38, deficit 4.5 raised sandgate 4 rounds at 1135a, Donnon Par, gage 78.	
5	700a	490	194	Station Rating
6	935a	498		
11	700p	516	210	" "
13			200	Airmet
17	700a	463	194	
19				Storm, Provo Res Co, discontinue storage, all river thru flume at 1030a

- -

TFW.
CC To E G Thorum
Olmstead.

C R 1943

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

Date 1943		Time	Cfs	
Apl	7	1110a	00	
	8	Turned In		
	9	1046a	6.00	
	17	1050a	7.70	
	18	954a	68.87	
	22	1012a	86.42	
	24	12m	120.62	
	27	1243p	184.80	
May	2	1120a	199.46	
	3	1233p	199.14	
	5	1158a	199.14	
	8	951a	87.94	
	11	915a	89.64	
	14	516p	198.48	
	17	344p	194.54	
	19	1011a	198.17	
	21	630a	158.34	
	22	1247p	100.9	
	24	941a	104.63	
	25	255p	108.1	
	26	1044a	119.4	
		830p	166.32	
	27	1136a	167.3	
	27	830p	193.	
	28	400a	Broke at South End fo First tunnel. Storing right.	
	29	1006a	13.10	By Pumping
	30	1000a	9.70	At noon turned in more; testing break.
		200p	31.6	
	30	400p	Storage arrives from reservoir	
		500p	59.9	
	31	1138a	100.9	
		800p	145.2	
Jun	1	700a	167.3	Storm
	2	1015a	173.	
		1242p	168.4	
	6	1250p	137.42	
	7	248p	146.42	Clear
	9	1102a	170.62	
	10	1240p	179.94	
	11	1230p	178.3	
	12	1026a	180.5	
	14	900a	180.5	
	15	1227p	181.07	
	16	221p	178.87	
	17	1218p	178.3	
	18	1255p	181.6	
	19	1104a	180.5	

Date 1943		Time	Cfs
Jun	20	1041a	179.4
	21	858a	181.81
	23	318p	185.92
	24	1143a	184.82
	25	1145a	181.6
	25	430p	170.6
	26	830a	172.8
	27	922a	165.2
	28	230p	165.2
	29	1151a	166.3
	30	911a	169186
Jly	1	606a	167.45
		704p	170.36
	2	554a	170.6
	3	606a	170.6
		422p	169.5
	4	1024a	172.8
	5	640a	171.7
	6	600a	170.6
		822p	167.3
	7	620a	169.5
	8	700a	170.02
		1025a	162.26
	9	942a	162.42
	10	943a	164.1
		700p Reduce stor 20cfs.	
	11	912a	142.1
	12	1250p	139.1
	13	1246p	139.1
	14	1014a	137.1
	15	131p	133.55
	16	914a	135.66
	17	1054a	135.1
	18	1256p	135.1
	19	1056a	133.1
	20	934a	132.1
	21	916a	134.1
	22	852a	137.1 Storm
	23	906a	137.34
	24	911a	135.82
	25	1017a	135.1
	26	958a	135.1
	27	1016a	135.1
	28	906a	135.1
	29	1210p	135.1
	30	238p	134.16
	31	844a	135.16

Date 1943		Time	Cfs
Aug	1	841a	135.66
	2	838a	134.1
	3	1142a	134.1
	4	914a	133.1
	5	1120a	133.1
	6	248p	133.1
	7	930a	134.72
	8	1102a	137.77
	9	1100a	138.1
	10	307p	133.1
	11	256p	139.1
	12	200p	125.2
	13	921a	127.1
	14	948a	130.1
	15	1140a	126.04
	16	928a	134.16
	17	942a	132.1
	18	1040a	139.1
	19	1046a	129.1
	20	1000a	130.1
	21	946a	128.1
	22	955a	119.56
	23	1030a	122.64
	24	1000a	121.3
	25	858a	120.3
	26	923a	122.3
	27	930a	124.2
	28	931a	119.4
	29	911a	117.5
	30	940a	117.84
	31	816a	118.74
Sep	1	1026a	121.14
	2	800a	119.4
	3	850a	117.5
	4	838a	119.4
	5	1220p	118.4
	6	911a	114.6
		354p	106.2
	7	832a	108.0
	8	638p	107.2
	9	944a	109.0
	10	1008a	113.7
	11	1030a	114.6
	12	1050a	110.9
	13	355p	113.7
	14	920a	113.24
		"Do Not Choose" to Pump.	

Date 1943	Time	Cfs	
Sep 15	942a	114.73	
16	1133a	110.9	
17	1236p	110.0	
18	1111a	110.9	
19	500p	108.1	
20	1020a	110.9	
	311p	106.3	
21	1017a	111.8	
"Do Not Choose" to Pump.			
22	1117a	112.8	
23	1041a	110.0	
25	1124a	110.9	
26	1142a	110.9	
27	944a	110.9	
28	901a	110.9	
29	941a	112.8	
30	1231p	109.48	
Oct 1	540p	27.6	
2	848a	13.18	
3	1023a	11.5	
4	1047a	11.5	
	Raised		
5	1025a	15.2	
6	911a	21.3	
7	1033a	21.8	
8	1114a	21.8	
9	1123a	21.8	
10	450p	20.3	
11	715p	28.7	Storm
12	1111a	23.3	
14	1122a	22.8	
16	1111a	22.3	
17	12m	21.8	
18	1100a	21.8	
19	Storm discontinue storage draft.		
20	1120a	13.1	
22	1155a	12.7	
25	1204p	11.9	
Nov 2	1156a	10.0	
9	1230p	10.4	

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CC - Provo Res. Co.

PROVO CITY IRRIGATION SYSTEM

Date 1943		E.Union Time	E.Union Cfs	Factory Cfs	City Race Time	City Race Cfs	Tanner R Time	Tanner R Cfs	Total Cfs	
Apl	2	946a	00	3.96	942a	1.92	938a	0.25	6.13	
	7	1222p	00	5.76	1226p	2.48				
	9	1014a	00	3.96	1010a	2.48	1006a	0.5	6.94	
	17	1135a	00	7.80	1139a	3.84	1143a	00	11.64	
	22	1036a	17.36	5.76	1032a	13.92	1028a	7.36	44.40	
	24	1125a	25.44	5.76	1121a	15.36	1116a	7.79	54.35	
	27	1054a	26.72	12.60	1050a	15.04	1046a	9.55	63.91	
May	3	1212p	24.56	11.76	1208p	14.24	1204p	9.10	59.66	
	5	1120a	27.20	10.08	1116a	13.92	1112a	10.20	61.40	
	11	646p	27.20	10.08	642p	14.24	638p	9.10	60.62	
	19	224p	28.96	14.40	220p	16.48	237p	8.22	68.06	
	21	1105a	27.20	15.36	1059a	16.48	1055a	8.66	67.70	
	22	1204p	27.20	15.36	12M	16.48	1156a	8.66	67.70	
	24	224p	28.96	14.40	220p	17.60	235p	8.66	69.62	
	25	400p	31.20	9.00	404p	16.48	408p	8.66	65.34	
	26	1206p	30.3	10.08	1210p	16.48	12.14p	8.66	65.52	
	29	1158a	24.96	6.36	1202p	17.60	1206p	7.79	56.71	
	31	256p	31.20	6.36	300p	20.00	304p	9.55	67.11	
Jun	3	341p	22.08	12.60	345p	18.00	349p	7.79	60.47	
	7	316p	22.08	14.40	320p	3.20	324p	9.32	49.00	
	9	1234p	23.76	10.92	1238p	2.96	1242p	9.32	46.96	
	10	1208p	20.40	00	1204p	17.60	12M	10.00	48.00	
	12	1152a	25.84	0	1156a	16.48	12M	10.20	52.52	
	15	1024a	25.44	0	1020a	16.48	1016a	10.20	52.12	
	16	348p	26.72	0	352p	18.80	356p	10.20	55.72	
	18	1033a	21.28	0	1029a	19.60	1025a	11.70	52.58	
	19	1125a	20.40	0	1128a	18.00	1132a	11.40	49.80	
	23	348p	26.72	0	352p	19.60	356p	10.00	56.32	
	25	508p	20.40	0	512p	18.00	516p	10.20	48.60	
	26	1018a	20.40	0	1014a	18.00	1010a	10.70	49.10	
	27	950a	27.60	0	954a	17.60	958a	8.66	53.86	
	29	1114a	23.28	0	1110a	18.00	1106a	9.32	50.60	
	30	950a	22.48	0	954a	18.40	958a	10.50	51.38	
Jly	1	640a	19.28	0	644a	14.24	648a	9.10	42.62	R
		618p	27.60	0	614p	13.52	608p	8.22	49.34	
	2	622a	28.80	0	626a	15.36	630a	8.44	52.60	
	4	942a	27.80	0	938a	16.48	934a	8.00	52.28	
	5	956a	30.95	0	952a	19.20	948a	9.10	59.25	C
	6	628a	30.00	0	632a	19.60	636a	8.44	58.04	
	7	654a	27.80	0	658a	15.76	602a	8.22	51.78	
	8	945a	29.60	0	939a	15.04	935a	8.88	53.52	
	9	1024a	29.20	0	1028a	14.64	1032a	8.66	52.50	
	10	1202p	28.96	0	1158a	14.24	1154a	8.22	51.42	
	11	1000a	30.50	0	1004a	16.08	1008a	13.90	60.48	
	12	1224p	27.34	0	1220p	12.88	1216p	10.70	50.92	
	13	940a	31.0	0	944a	16.48	948a	8.66	56.14	
	14	306p	27.34	0	301p	14.24	255p	11.90	56.48	
	15	220p	28.26	0	224p	15.76	228p	11.90	57.92	

PROVO CITY IRRIGATION SYSTEM

Date 1943		E.Union Time	E.Union Cfs	Factory Cfs	City Race Time	City Race Cfs	Tanner R Time	Tanner R Cfs	Total Cfs	
Jly	16	955a	28.72	0	1000a	15.04	1004a	11.20	54.96	
	17	1142a	28.96	0	1146a	15.36	1150a	12.70	57.02	
	18	1220p	29.92	0	1217p	15.04	1214p	12.70	57.66	
	19	1156a	27.60	0 D 3.-	12M	15.36	1204p	11.40	57.36	
	20	1030a	26.72	0 D 3.-	1034a	14.24	1038a	11.00	55.56	
	22	920a	22.48	0	923a	18.00	926a	13.20	53.68	
	23	940a	26.72	0	944a	15.36	948a	10.50	52.58	
	24	947a	22.48	0	950a	15.36	954a	11.90	49.74	
	25	1120a	22.48	0	1124a	14.64	1128a	11.70	48.82	
	26	348p	22.48	0	343p	15.36	338p	11.40	49.24	
	28	958a	27.20	0	1002a	14.24	1005a	9.55	50.99	
	29	1005a	28.48	0	1101a	14.64	1058a	9.55	52.67	
	30	100p	27.60	0		12.88		7.79	48.27	Strebbel
	31	912a	29.92	0	916a	16.08	920a	10.00	56.00	
Aug	2	904a	24.56	0	907a	17.60	911a	11.70	53.86	
	4	1028a	21.68	0 D 3.-	1032a	17.20	1036a	12.20	54.08	Cloudburst
	5	1208p	26.72	0	1212p	17.20	1215p	11.40	55.32/	~~Cloudburst~~
	6	340p	18.56	0	344p	16.48	348p	11.00	46.04	
	7	1016a	19.28	0	1020a	17.20	1024a	11.20	47.68	Repairing
	8	1135a	27.60	0	1138a	16.48	1142a	10.70	54.78	
	11	246p	27.20	0	350p	16.08	353p	10.70	53.98	
	12	1211p	27.20	0	1208p	15.36	1204p	10.50	53.06	
	13	1010a	25.84	0	1014a	14.24	1018a	8.22	48.30	
	15	957a	27.60	0	953a	16.48	949a	9.32	53.40	
	16	1030a	28.08	0	1033a	16.88	1037a	11.00	55.96	
	18	1135a	23.28	0D 3.-	1138a	16.48	1142a	9.10	51.86	
	19	1135a	23.28	0	1138a	16.48	1142a	9.10	48.86	
	20	1220p	24.16	0	1224p	16.48	1228p	10.20	50.84	
	23	1130a	4.00°	0	1133a	18.40	1138a	11.90	34.30	°Repairing
	24	1110a	18.56	0	1114a	17.20	1117a	11.00	46.76	Spilling
	25	1202p	19.68	0 D 3.-	1206p	14.24	1210p	9.10	46.02	
	26	1012a	20.40	0 D 3.-	1016a	15.04	1020a	9,32	47.76	
	27	1025a	20.88	0	1028a	15.04	1032a	11.00	46.92	
	28	8am	22.08	0		16.48		10.50	49.06	Strebbel
	29	1002a	21.68	0	1006a	17.20	1010a	11.00	49.88	
	30	914a	22.48	0	909a	18.40	906a	11.20	52.08	
	31	945a	23.28	0	948a	16.88	952a	10.70	50.86	
Sep	1	944a	21.68	0	939a	15.76	935a	10.50	47.94	
	2	850a	25.44	0	854a	14.24	916a	9.78	49.46	
	4	12M	22.08	0-~~[illegible]~~-	1206p	14.24	1210p	10.00	46.32	
	5	1022a	21.68	0	1018a	14.24	1014a	9.10	45.02	
	6	950a	22.48	0	954a	15.04	958a	10.00	47.52	
	9	348p	22.88	0	344p	14.64	341p	9.32	46.84	
	10	1228p	23.28	0	1224p	15.04	1220p	10.20	48.52	
	12	1134a	22.48	0	1137a	15.76	1141a	10.00	48.24	
	14	1016a	14.88	9.72	1020a	9.60	1024a	10.20	44.40	Spilling
	15	244p	18.56	6.12	240p	3.60	254p	9.32	37.60	"
	17	1204p	18.16	6.36	12M	5.20	1156a	9.78	39.50	

C R 1943

PROVO CITY IRRIGATION SYSTEM

Date 1943		E.Union Time	E.Union Cfs	Factory Cfs	City Race Time	City Race Cfs	Tanner R Time	Tanner R Cfs	Total Cfs	
Sep	18	1230p	18.88	7.80	1234p	8.16	1238p	11.00	45.84	
	21	404p	16.64	7.08	400p	4.24	356p	10.50	38.46	As Is
	23	1206p	16.64	7.08	1210p	4.24	1214p	11.00	38.96	
	25	1029a	16.64	6.72	1025a	4.48	1019a	11.00	38.84	
	27	12M	15.92	6.36	1203p	4.48	1207p	11.00	37.76	
	30	1205p	15.92	0	1201p	9.92	1157a	11.00	36.84	
Oct	4	224p	15.92	0	228p	11.52	234p	10.50	37.94	
	7	1220p	10.56	2.64	1224p	14.24	1228p	11.00	38.44	
	13	1230p	5.68	0	1234p	9.60	1238p	1.52	16.80	
	25	1108a	5.12	5.40	1104a	00	1100a	1.16	11.68	

C R 1943

PROVO BENCH CANAL

Date 1943	Time	Weir Cfs	N O Cfs	Total Cfs
Apl 2	1130a	12.12	0	12.12
7	1100a	47.83	0	47.83
9	1056a	27.53	0	27.53
17	1020a	37.11	0	37.11 R
21	926a	90.29	0	90.29
22	930a	90.29	0	90.29
24	1214p	108.60	24.5	133.10
27		51.0	0	51.0
30	200p	154.22	25.7	179.92
	330p	151.66	18.96	170.62
May 2	1106a	154.22	19.	173.22
3	1241p	154.22	19.	173.22
5	1146a	154.22	19.	173.22
8	940a	114.24	19.	133.24
11	906a	114.24	19.	133.24
14	506p	129.42	24.5	153.92
17	354p	147.86	24.5	172.36
19	1000a	147.86	24.5	172.36
20	1030a	128.22	12.	140.22
21	1245p	117.68	12.	129.68
22	1259p	122.32	12.72	135.04
24	930a	122.32	12.72	135.04
25	244p	121.15	12.72	133.87
26	1030a	121.15	12.72	133.87
27	1030a	165.91	14.70	180.61
29	954a	145.35	26.76	172.11
31	1128a	154.22	26.76	180.98
Jun 3	310p	97.68	6.00	103.68
	Canals Low on account storm			
7	235p	117.68	8.46	126.14
9	800a	72.40	8.46	80.86
10	1252p	103.08	22.02	125.10
12	1018a	108.60	22.44	131.04
14	850a	117.68	22.44	140.12
15	1218p	117.68	22.44	140.12
16	210p	117.68	22.44	140.12
17	1226p	117.68	22.44	140.12
18	108p	125.85	22.44	148.29
19	1054a	135.46	22.44	157.90
20	1030a	130.62	22.44	153.06
21	846a	140.37	22.44	162.81
23	310p	147.86	22.44	170.30
24	1132a	147.86	22.44	170.30
25	115p	118.83	11.02	129.85
25	605p	115.38	11.02	126.40
26	820a	117.68	11.02	129.70
27	912a	108.60	11.-	119.60
29	1140a	119.99	11.	130.99
30	900a	117.68	11.	128.68

Date 1943	Time	Weir Cfs	N O Cfs	Total Cfs
Jly 1	555a	109.72	11.47	121.19
	635p	109.72	11.	120.72
2	542a	109.72	11.	120.72
3	555a	103.08	11.	114.08
	410p	107.49	11.	118.49
4	1032a	107.49	11.	118.49
5	628a	110.84	11.	121.84
6	550a	111.97	11.	122.97
	812p	108.60	11.	119.60
7	608a	109.72	11.	120.72
8	1015a	109.72	11.	120.72
9	925a	111.97	11.	122.97
10	930a	109.72	11.	120.72
11	900a	107.49	11.	118.49
12	1259p	108.60	11.	119.60
13	1258p	107.49	11.	118.49
14	1004a	109.72	11.	120.72
15	120p	109.72	11.	120.72
16	904a	113.10	11.	124.10
17	1042a	111.97	11.	122.97
18	106p	108.60	11.	119.60
19	1044a	105.28	11.	116.28
20	924a	105.28	11.	116.28
	426p	111.97	10.03	122.00
21	906a	113.10	10.03	123.13
22	840a	110.84	10.03	120.87
23	856a	109.72	9.9	119.62
24	900a	108.6	10.03	118.63
25	1006a	107.49	10.	117.49
26	945a	107.49	10.	117.49
27	1000a	111.97	10.	121.97
28	856a	109.72	10.	119.72
29	1220p	109.72	10.	119.72
30	228p	106.38	9.81	116.19
31	830a	109.72	10.	119.72
Aug 1	830a	111.97	10.	121.97
2	828a	107.49	10.	117.49
3	1130a	108.60	10.	118.60
4	900a	111.97	10.	121.97
5	1110a	111.97	10.	121.97
6	236p	109.72	10.	119.72
7	916a	109.72	10.	119.72
8	1050a	109.72	10.	119.72
9	1050a	108.60	10.	118.60
10	256p	108.60	10.	118.60
11	244p	107.49	10.	117.49
12	212p	107.49	10.	117.49
13	900a	107.49	10.30	117.79
14	936a	109.72	10.3	120.02
15	1148a	109.72	10.3	120.02

C R 1943

PROVO BENCH CANAL

Date 1943	Time	Weir Cfs	N O Cfs	Total Cfs
Aug 16	916a	108.60	10.3	118.90
17	930a	108.6	10.3	118.9
18	1024a	105.28	10.	115.28
19	1030a	107.49	10.53	118.02
20	952a	110.84	10.53	121.37
21	930a	111.97	10.3	122.27
22	943a	115.38	10.3	125.68
23	1020a	109.72	10.3	120.02
24	948a	108.6	10.3	118.9
25	846a	109.72	10.3	120.02
26	912a	105.28	10.3	115.58
27	920a	109.72	10.3	120.02
28	920a	110.84	10.3	121.14
29	900a	105.28	10.3	115.58
30	930a	108.6	10.3	118.9
31	804a	108.6	10.3	118.9
Sep 1	1015a	109.72	10.3	120.02
2	748a	109.72	10.3	120.02
3	840a	109.72	10.3	120.02
4	828a	109.72	10.3	120.02
5	1232p	109.72	10.3	120.02
6	900a	105.28	10.3	115.58
	1150a	99.82	14.22	114.04
7	815a	99.82	14.22	114.04
8	630p	99.82	14.22	114.04
9	930a	98.74	14.22	112.96
10	958a	99.82	14.22	114.04
12	1040a	97.68	14.22	111.90
13	906a	99.82	14.22	114.04
15	930a	106.38	14.22	120.60
16	1124a	107.49	14.22	121.71
17	1247p	106.38	14.22	120.60
18	1100a	106.38	14.22	120.60
20	300p	98.74	14.22	112.96
21	1006a	97.68	14.22	111.90
22	1106a	97.68	14.22	111.90
23	1030a	97.68	14.22	111.90
25	1133a	98.74	14.22	112.96
26	1130a	99.82	14.42	114.24
27	930a	109.72	14.22	123.94
28	850a	109.72	14.22	123.94
29	930a	109.72	14.22	123.94
30	1242p	109.72	14.22	123.94
Oct 2	836a	107.49	14.22	121.71
3	1012a	88.23	14.22	102.45
4	1036a	85.17	14.22	99.39
5	1014a	84.16	13.68	97.84
6	900a	84.16	13.68	97.84
7	1022a	86.18	14.22	100.40
Oct 8	1100a	86.18	14.22	100.40
9	1112a	86.18	14.22	100.40
12	1100a	75,27	12.73	88.0
14	1100a	75.27	12.73	88.0
16	1100a	75.27	12.73	88.0
22	1145a	9.	12.7	21.7
25	1216p	9.	12.33	21.33
Nov 2	1145a	9.	12.33	21.33
9	1245p	9.	12.33	21.33

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CC To PBC&I Co % R V Wentz, Pres.

C R 1943

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

Date 1943		Time	West Union	River Gage	Park & Nuttal	Barton & Young
Apl	2	1010a	7.80		0.5	00
	9	1032a	0 Cleaning			
	17	1119a	17.28			
	21	1003a	20.28			
	22	1058a	20.28			
	24	1140a	21.36			
	27	1115a	20.28	-	6.8	00
May	3	1223p	31.92			
	5	1207p	31.92			
	8	1000a	29.40			
	11	700p	36.48			
	14	534p	34.44			
	17	330p	38.40			
	19	1025a	37.08			
	20	1100a	35.16			
	21	1116a	35.16			
	22	1225p	34.44	-	8.0	0
	24	949a	34.44			
	25	340p	34.44			
	26	1148a	33.12			
	27	1116a	36.48	90		
	29	1144a	38.40			
	31	1230p	37.08	96		
		Storm				
Jun	3	330p	21.36			
	7	300p	23.64			
	9	1223p	23.64			
	10	1218p	19.80			
	12	1120a	20.28			
	14	916a	25.80			
	15	1239p	27.00			
	16	328p	27.00			
	17	1210p	27.00			
	18	1044a	27.00			
	19	1116a	31.92			
	20	1256p	35.76			
	21	1151a	31.92			
	23	330p	34.44	-	5.66	
	24	1234p	34.44			
	25	1230p	31.20			
		454p	31.20			
	26	845a	31.20	-	5.66	0
	27	934a	30.60	-	5.66	
	29	1206p	31.20	82		
	29	335p	31.92	85		
	30	930a	31.92	86		
Jly	1	626a	30.60	72	6.44	3.08
		716p	30.00	70		

C R 1943

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

Date 1943	Time	West Union	River Gage	Park & Nuttal	Barton & Young
Jly 2	608a	30.60	72	5.34	0
3	440p	31.20	72		
4	1000a	30.60	70	4.01	0
5	716a	31.92	78	4.60	0
6	614a	30.60	78	0	0
6	834p	27.60	70		
7	634a	27.60	71	0	0
8	1050a	30.60	75	0	0
9	1002a	30.60	75	0	0
10	1018a	30.60	74	5.44	0
11	936a	30.00	75	0	5.12
12	1234p	30.00	73	5.12	0
13	1240p	29.40	72	5.12	0
14	1022a	30.60	75	5.12	0
15	200p	30.60	76	0	0
16	940a	31.20	75	0	0
17	1120a	30.60	79	0	0
18	1234p	30.60	79	0	0
19	1106a	30.60	78	0	9.27 Cut to 4.60
20	950a	30.00	78	0	4.60
20	400p	27.60	73	4.6	0
21	932a	27.60	74	5.44 C	0
22	904a	28.20	76	5.12	0
23	918a	27.00	73	1.72	0
24	928a	27.60	72	0	0
25	1028a	27.60	71	0	0
26	1015a	27.00	74	0	0
27	1130a	27.00	74	4.81	0
28	924a	27.00	74	0	4.81
29	1118a	25.80	74	4.60	0
30	250p	24.72	69	4.81	0
31	856a	26.40	74	0	0
Aug 1	854a	26.40	74	0	0
2	850a	27.00	76	0	0
3	1154a	27.00	74	0	0
4	1012a	27.00	77	6.22 C	0
5	1150a	27.00	76	0	4.81
6	306p	25.80	70	4.60	0
7	948a	27.00	74	4.60	0
8	1116a	28.20	76	0	0
9	1111a	27.60	74	0	0
11	308p	27.00	74	0	0
12	1226p	27.00	74	0	0
13	955a	27.00	72	0	4.81
14	1000a	27.60	75	4.81	0
15	1010a	27.00	74	4.81	0
16	1004a	28.20	76	0	4.81
17	1026a	27.00	74	0	0
18	1056a	25.8	72	0	0
19	1123a	25.80	70	0	0

C R 1943

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

Date 1943	Time	West Union	River Gage	Park & Nuttal	Barton & Young
Aug 20	1012a	27.00	73	0	0
21	958a	25.32	70	5.02	0
22	1032a	27.60	75	0	
23	1104a	27.00	73	4.60	0
24	1012a	27.60	73	4.60	0
25	914a	27.00	67	0	0
26	952a	25.32	68	0	0
27	1000a	25.80	68	0	0
28	950a	25.8	69	0	0
29	938a	25.80	70	4.6	0
31	830a	28.20	75	0	4.6
Sep 1	1050a	27.00	70	4.6	0
2	812a	27.00	67	4.6	0
3	929a	27.00	67		
4	908a	27.00	67	4.6	0
5	1036a	27.00	67	4.6°	0
6	930a	28.80	71	1.24	0
7	852a	27.60	70	4.6	0
8	655a	27.00			
9	955a	28.20	69	5.02	0
10	1044a	28.20	70	4.6	0
12	1120a	28.20	71	1.11	0
14	1000a	28.20	71	4.6	0
15	1240p	28.20	64	4.81	0
16	1208p	28.80	64	4.81	0
17	1220p	28.20	64	4.6	0
18	1138a	28.20	64	4.6	0
20	322p	28.2	66		
21	1230p	27.0	66	0	0
22	728a	27.0	65	0	0
23	1114a	27.0	64	4.4	0
25	1050a	27.0	64	4.4	0
26	1155a	17.76°	Reduced by Company,		"Do not Choose" more
	100p		64	4.4	0
27	1004a	17.76	64	5.88	0
28	1154a	17.76	65	0	
30	1220p	17.28	64	4.6	0
Oct 2	914a	15.36	60		
3	1034a	18.36	72		
4	1059a	18.36	64		
7	1208p	3.96	Reduced by Company		
12	1144a	5.76	Prepared Dam for Winter		
22	1204p	2.88			
25	1124a	2.64			
Nov 2	1216p	3.96			
9	1152a	3.48			
17	12M	3.48			

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C R 1943

TIMPANOGUS CANAL COMPANY CANAL

Date 1943	Time	Cfs	
Apl 2	1012a	Cleaning	
7	1120a	"	
9	1036a	"	
17	1116a	9.15	
21	1007a	7.50	
22	1008a	17.54	
24	1148a	15.44	
27	1023a	19.12	
May 3	1230p	16.72	
5	1212p	17.16	
11	710p	15.9	
14	546p	19.12	
17	338p	18.36	
19	1030a	16.34	
20	1150a	16.34	
21	634a	15.90	
22	1235p	15.90	
24	953a	15.90	
25	332p	16.34	
26	1140a	15.90	
29	1135a	12.97	
31	1220p	13.50	
Jun 3	321p	12.45	
7	252p	15.9	
9	1215	17.54	
10	1226p	17.54	
12	1110a	17.54	
14	920a	17.54	
15	1231p	14.02	
16	320p	17.54	
17	1214p	15.44	
19	1108a	17.54	
20	100p	16.72	
23	326p	17.54	
24	1226p	16.72	
25	230p	14.70	
	434p	15.30	
26	836a	15.30	
27	926a	15.30	
29	1214p	14.04	
30	922a	15.30	
Jly 1	618a	14.34	
2	600a	14.70	
3	430p	14.70	
4	1008a	14.70	
5	703a	15.00	
6	606a	14.70	
7	627a	14.34	
8	1054a	14.70	
9	948a	14.70	
Jly 10	946a	14.34	
11	928a	14.7	
12	1246p	14.34	
14	1028a	14.04	
15	209p	14.70	
16	918a	15.84	
17	1120a	14.70	
18	1252p	14.70	
19	1120a	14.04	
20	940a	12.72	
20	406p	13.38	
21	923a	13.38	
22	856a	13.38	
23	910a	12.72	
24	814a	13.08	
25	1020a	12.72	
26	1019a	12.00	Cutting Moss
27	1020a	12.00	" "
28	916a	11.22	" "
30	241p	13.38	
31	848a	13.38	
Aug 1	844a	13.38	
2	841a	13.38	
3	1146a	13.38	
4	1004a	13.38	
5	1133a	12.00	R7R
6	251p	14.04	
7	940a	14.04	New 2x4 on Dam
8	1106a	13.38	
9	1103a	13.38	
10	400p	11.22	
11	300p	13.38	
12	1234p	12.72	
13	941a	12.72	
14	952a	12.72	
15	1020a	14.04	
16	956a	15.30	
17	1030a	14.70	
18	1044a	13.38	
19	1100a	14.70	
20	1003a	14.70	
21	949a	14.70	
22	1024a	14.70	
23	1033a	14.70	
24	1004a	14.34	
25	906a	13.08	
26	944a	13.38	
27	946a	13.74	
28	940a	14.04	
29	930a	13.74	

C R 1943

TIMPANOGUS CANAL COMPANY CANAL

Date 1943	Time	Cfs	
Aug 30	415p	13.38	
31	822a	13.38	
Sep 1	1029a	12.72	
2	804a	13.74	
3	906a	13.38	
4	915a	13.38	
5	1142a	13.38	
6	922a	13.08	
	350p	13.38	
7	835a	13.74	
8	647a	13.38	
9	947a	14.04	
10	1012a	12.00	Vol Reduced
12	1056a	12.00	
14	940a	12.36	
15	946a	12.00	
16	12M	11.58	
17	1226p	12.00	
18	1130a	12.00	
20	1024a	12.00	
21	1220p	12.00	
22	1120a	12.00	
23	1100a	11.58	
25	1100a	12.00	
26	1146a	12.36	
27	956a	13.38	
28	12M	12.00	
30	1224p	11.64	
Oct 2	918a	9.96	
3	1026a	10.38	
4	1051a	10.38	
5	1030a	10.38	
6	915a	10.38	
7	12M	10.38	
9	1230p	10.38	
11	720p	8.46	
12	1116a	6.-	
17	1204p	6.-	
22	1208p	6.-	
25	1132a	6.-	
Nov 2	1220p	6.-	
9	12M	6.-	
17	1150a	5.2	

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CC - Timpanogus Canal Co
% Alfred R.Chipman, Pres.

C R 1943

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UPPER EAST UNION CANAL AND CITY CREEK

Date 1943	Time	U.E. Union Cfs	City Creek Cfs
Apl 2	1016a	1.04	5.90
7	1114a	°0001	9.10
9	1040a	5.67	13.60
15	1020a	12.81	22.50
17	1114a	12.81	18.0
21	959a	12.46	24.50
22	1102a	12.46	25.5
24	1144a	24.01	23.0
27	1119a	24.01	24.0
May 3	1227p	24.85	21.5
5	1202p	24.85	23.0
8	956a	17.5	29.3
11	706p	17.5	26.6
14	525p	16.45	25.5
17	334p	16.8	26.6
19	1021a	15.75	24.0
20	1112a	16.8	14.8
21	1120a	16.1	13.2
22	1231p	16.8	12.8
24	945a	17.15	12.0
25	336p	17.15	12.0
26	1144a	17.15	12.0
27	1120a	21.28	16.1
29	1140a	20.51	23.5
31	1224p	21.63	20.6
	Storm		
Jun 3	325p	10.08	24.0
7	256p	11.83	34.9
9	1219p	16.8	30.4
10	1222p	16.1	30.4
12	1124a	18.62	34.3
14	912a	24.01	44.1
15	1235p	15.75	30.9
16	324p	15.75	29.8
17	1206p	15.75	30.9
18	1048a	15.75	30.9
19	1112a	15.75	30.9
20	1250p	21.63	30.9
21	1145a	20.09	30.9
23	330p	20.86	30;9
24	1230p	20.09	28.7
25	450p	16.1	13.2
26	855a	15.75	11.6
27	930a	15.75	11.6
29	1157a	15.40	11.3
30	1050a	16.8	13.2
Jly 1	622a	16.1	11.3
	712p	15.75	10.9
2	603a	15.75	11.3
3	436p	16.1	11.6
4	1004a	15.4	10.5

Date 1943	Time	U.E. Union	City Creek
Jly 5	707a	17.5	12.0
6	610a	16.8	12.0
	830p	14.42	10.2
7	630a	14.42	10.5
8	1034a	16.1	10.9
9	958a	15.75	10.5
10	1014a	15.75	10.2
11	932a	15.75	10.2
12	1242p	14.42	9.8
13	1235p	14.07	9.1
14	1018a	15.05	10.2
15	156p	15.4	10.2
16	924a	15.4	10.2
17	1124a	15.75	10.2
18	1238p	15.4	9.8
19	1100a	15.05	10.2
20	946a	14.22	9.1
	356p	15.05	9.1
21	927a	15.05	9.8
22	900a	15.75	10.9
23	914a	14.77	9.8
24	924a	14.77	9.5
25	1024a	14.42	9.5
26	1002a	14.77	9.1
27	1100a	15.75	12.0
28	920a	14.42	10.3
29	1124a	14.42	10.3
30	245p	14.07	9.6
31	852a	14.42	10.3
Aug 1	850a	14.42	10.05
2	844a	14.07	9.85
3	1150a	15.05	10.75
4	1008a	14.77	10.75
5	1137a	15.05	10.75
6	300p	14.07	8.9
7	944a	15.4	10.3
8	1112a	13.44	9.15
9	1107a	14.42	9.4
10	404p	13.16	8.9
11	304p	14.77	9.6
12	1230p	14.07	9.4
13	949a	13.44	9.15
14	956a	14.77	9.4
15	1014a	14.42	9.4
16	1000a	15.05	9.4
17	1022a	14.42	9.15
18	1048a	14.07	8.9
19	1118a	14.07	8.7
20	1007a	14.07	9.15
21	953a	13.79	8.45

UPPER EAST UNION CANAL AND CITY CREEK

Date 1943	Time	U.E. Union	City Creek
Aug 22	1028a	14.42	9.4
23	1100a	15.05	9.4
24	1008a	15.05	9.4
25	910a	15.4	9.4
26	948a	14.42	9.15
27	950a	14.42	9.15
28	946a	14.77	9.6
29	934a	14.77	9.4
31	826a	13.79	8.9
Sep 1	1033a	14.42	9.15
2	808a	14.77	9.4
3	925a	14.77	9.4
4	900a	14.07	8.9
6	926a	14.77	9.4
7	839a	14.42	9.4
8	651a	14.42	9.15
9	950a	14.42	9.15
10	1010a	14.42	8.45
12	1110a	14.42	9.15
14	944a	14.42	8.45
15	1235p	15.05	9.4
16	1204p	14.42	9.4
17	1224p	14.42	9.4
18	1134a	14.42	9.15
20	318p	14.42	8.9
21	1224p	14.42	8.7
22	1124a	14.42	8.7
23	1104a	14.42	8.45
25	1056a	14.42	8.9
26	1150a	14.77	8.9
27	1000a	14.42	8.9
28	1150a	15.05	9.6
Oct 2	910a	13.44	8.45
3	1030a	17.15	10.75
4	1055a	14.42	9.15
7	1204p	17.85	12.0
9	1234p	14.42	15.75
12	12M	10.71	13.8
22	1230p	6.37	5.9
25	1128a	6.37	5.9
Nov 2	1212p	6.37	6.5
9	1156a	6.37	5.9
17	1156a	6.37	5.9
24	1132a	4.55	3.8

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CC - U E Union Ir. Co
% Thomas Ashton.

C R 1943

LITTLE DRY VREEK CANAL

Date 1943	Time	Cfs
Apl 2	934a	0.1
9	1000a	1.-
17	1147a	0.5
22	1022a	8.75
24	1112a	1.5
27	1041a	9.64
May 3	1158a	13.9
5	1045a	5.8
11	618p	12.5
14	1230p	9.64
18	1055a	7.55
19	305p	7.55
21	1051a	9.28
22	1125a	9.28
24	240p	10.4
25	414p	10.4
29	1211p	10.4
31	314p	10.4
Jun 3	3.55p	6.73
7	331p	10.4
10	1155a	9.28
12	1230p	6.90
15	1010a	6.26
16	420p	8.57
18	1020a	7.55
19	1136a	13.50
23	404p	13.5
26	1006a	10.4
27	1000a	11.1
29	1102a	9.28
30	1010a	8.57
Jly 1	656a	7.89
	604p	7.89
2	635a	8.75
4	916a	10.9
5	944a	10.0
6	640a	9.64
7	606a	10.6
8	915a	9.64
9	1038a	8.4
10	1150a	8.23
11	1025a	8.23
12	1212p	7.06
13	1012a	6.57
14	245p	7.89
15	252p	7.22
16	1010a	6.57 R
17	1216p	8.40
18	1210p	840
19	1208p	8.40

Date 1943	Time	Cfs	
Jly 20	1044a	8.4	
22	932a	9.1	
23	1020a	8.06	
24	1000a	7.55	
25	1132a	7.55	
26	334p	7.55	
28	1010a	7.38	
29	1054a	8.92	
30	348p	7.89	
31	928a	8.57	
Aug 2	915a	8.4	
4	1106a	8.4	
5	1220p	7.89	
6	400p	6.26	
7	1028a	6.26	
8	12M	7.22	
11	422p	7.22	
12	12M	7.06	
13	1023a	6.73	
15	945a	7.55	
16	1104a	8.57	
18	1148a	7.55	
19	1148a	8.4	
20	1234p	8.4	
24	1150a	8.75	
25	1216p	6.9	
26	1030a	7.06	
27	1047a	7.22	
29	1116a	6.26	
30	836a	6.26	
31	958a	9.1	
Sep 1	930a	10.4	
2	924a	7.55	
5	1011a	5.95	
6	1002a	6.26	
9	321p	6.9	
10	1215	7.89	
12	1148a	7.89	
14	1029a	7.89	
15	258p	7.89	
17	1116a	7.89	
18	1243p	7.06	
21	351p	8.75	Spilling 2.-
23	1219p	7.89	
25	1015p	8.06	
27	1212p	7.89	Spill 1.-
30	1152a	9.28	
Oct 4	240p	8.75	
7	1234p	7.89	
Nov 9	1121a	1.-	

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C R 1943

LAKE BOTTOM CANAL

Date 1943	Time	Cfs	
Apl 22	950a	00	
24	1050a	00	
27	1015a	00	
May 5	1100a	8.0	
11	630p	9.76	
19	300p	16.0	
22	1118a	14.4	
Jun 12	1210p	4.-	
16	405p	4.-	
24	705p	16.96	
Jly 2	950a	12.72	
8	926a	12.0	
13	1000a	12.72	
15	242p	12.72	
17	1205p	12.0	
23	1012a	13.38	
30	340p	12.0	
Aug 4	1055a	9.0	
16	1056a	12.72	
24	1130a	6.0	
30	850a	10.38	
Sep 3	1208p	10.8	Spill 3.-
9	330p	12.0	
17	1128a	9.96	

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SPRING CREEK DIVERSIONS WEST SIDE

Date 1943	Cfs
May 18	2.9
22	6.53
Jun 16	3.8
24	5.59
Jly 2	5.72
8	6.59
23	4.96
30	5.35
Aug 16	4.25

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Intermediate dates calculated by volume West Side and flow at Lake Bottom Station and Spill.

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C R 1943

FORT FIELD UPPER CANAL

Date 1943	Time	Cfs
Apl 2	926a	0.1
9	930a	0.5
22	955a	0.5
24	1100a	0.5
27	1020a	0.5
May 3	1150a	1.
5	1035a	0.5
11	610p	3.5
14	1220p	1.5
18	116a	0.5
19	335p	0.5
21	1035a	0.2
22	1145a	0.5
24	-	2.-
Jun 10	1125a	3.- setting
16	430p	4.4
17	1010a	4.39
18	948a	4.4
19	1156a	4.4
23	410p	6.2
26	955a	5.-
27	1010a	5.-
29	1035a	4.0
Jly 1	707a	3.8
2	648a	4.0
4	900a	4.4
5	935a	4.4
7	615a	3.1
8	900a	3.1
9	1058a	4.8
10	1140a	6.4
12	12M	3.0
13	1026a	4.7
14	230p	4.-
15	300p	4.6
16	1019a	3.5
17	1225p	5.2
18	12M	6.6
19	1216p	3.5
23	1031a	4.9
24	1015a	4.2
25	1143a	4.0
26	320p	3.6
28	1021a	3.8
29	1040a	4.8
31	946a	4.1
Aug 4	1120a	6.89
5	1232p	6.9
6	407p	5.7
7	1042a	4.3

Date 1943	Time	Cfs
Aug 8	1214p	4.2
11	430p	3.8
12	1140a	5.0
13	1031a	4.7
16	1115a	4.8
18	1156a	4.6
19		4.7
25	1225p	4.3
26	1040a	4.7
29	1026a	4.2
30	826a	4.2
Sep 5	1000a	2.6
9	310p	3.2
17	1055a	2.6
21	330p	0.5 Spilling

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C R 1943

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

Date 1943	Time	RVR By M.U. Dam	Mid. RVR Dtch	Wasatch Time	Wasatch Cfs	N. Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Total Cfs
Apl 14	1045a	-	Clng	1015a	0.5	11.55	1030a	0	
21	1145a	-	18.90	1215p	0	23.40	-	0	
27	1030a	-	45.0	1115a		88.5			
28	1115a	-	38.65	1100a	37.08	124.2			
29	1105a	-	38.65	1005a	55.60	99.15	1020a	49.90	
May 1	635a	-	54.05	630a	96.30	102.25	615a	52.90	
2	525a	-	43.90	515p	106.4	105.75	500p	54.5	
3	950a	-	46.1	945a	100.0	105.75	935a	56.0	
5	1030a	-	35.8	945a	101.35	101.25	955a	56.0	
7	925a	~~-~~	37.65	935a	103.9	101.25	955a	52.9	
8	950a	~~-~~	36.65	1020a	106.38	103.3	1020a	52.9	
9	1010a	-	32.7	1020a	103.85	99.15	1030a	56.05	
10	1040a	-	45.0	1020a	101.35	96.9	1005a	54.5	
11	915a	~~0~~	47.2	920a	106.4	101.25	925a	60.85	
12	910a	-	48.3	915a	106.4	101.25	920a	60.85	
13	1245p	-	47.2	1230p	103.85	99.15	1220p	60.85	
14	940a	~~41x2~~	47.2	950a	103.85	99.15	1000a	60.85	
15	940a	-	45.0	950a	103.85	99.15	1000a	59.3	
16	1025a	~~41.~~	41.8	1030a	103.85	96.9	1035a	57.6	
17	1045a		45.0		103.85	94.8		51.4	
18	935a		43.9	945a	98.8	90.6	1015a	52.9	
19	1205p		43.9	1145a	98.8	88.5	1150a	54.5	
20	500p		41.8	450p	98.8	88.5	445p	62.5	
21	950a		45.0	1000a	96.3	86.4	1005a	64.2	
22	1000a		48.2	1010a	98.8	88.5	1120a	60.85	
23	915a		52.9	925a	106.4	103.3	930a	64.2	
24	915a		56.4	930a	109.1	105.75	940a	64.2	
25	920a		48.3	930a	109.1	112.5	940a	62.5	
26	950a		51.7	1010a	109.1	110.25	1020a	60.85	
27	925a		48.2	945a	106.4	103.3	950a	60.85	
28	850a		45.0	910a	106.45	103.3	920a	60.85	
	925a		52.9						
29	925a		51.7	935a	106.4	103.3	940a	60.85	
30	950a		52.9	930a	106.4	101.25	940a	60.85	
31	1030a		52.9	1005a	103.85	99.15		57.6	
Jun 1	930a		56.4	940a	103.85	103.3	1015a	57.6	Rain
2	905a		38.65	915a	86.4	110.25	920a	51.35	Rain
3	1125a		37.65	1100a	84.05	86.4	1115a	48.4	Cold
4	940a		45.0	1000a	84.05	84.3	640a	45.35	Rain
5	915a		30.8	1030a	74.9	88.5	1045a	25.8	Rain
6	1140a		41.8	1150a	74.9	88.5	12M	34.45	
7	1205p		43.9	1210p	72.55	86.4	1150a	54.5	
8	935a		46.1	1010a	74.9	88.5	1020a	57.6	
9	915a		55.2	925a	103.85	92.7	935a	57.6	
10	1035a		51.7	945a	98.8	94.8	950a	57.6	
11	920a		52.9	930a	98.8	96.9	940a	59.3	
12	935a		50.6	945a	96.3	96.9	950a	56.05	
13	1030a		47.2	1040a	96.3	92.7	1050a	57.6	
14	930a		49.45	950a	96.3	90.6	955a	57.6	
15	1000a		48.3	1010a	103.85	101.25	1020a	56.05	

C R 1943.

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

Date 1943	Time	Rvr. By M.U. Dam	Mid. Rvr Dtch	Wasatch Time	Wasatch Cfs	N. Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Total Cfs
Jun 16	1020a		47.2	1015a	98.8	99.15	1000a	57.6	
17	945a		48.3	915a	98.8	99.15	925a	56.05	
18	930a		54.05	1100a	103.85	101.25	1115a	57.6	
19	905a		55.2	915a	103.85	101.25	925a	57.6	
20	900a		54.05	910a	103.85	101.25	920a	59.3	
21	905a		57.65	935a	103.85	103.3	945a	60.85	
22	945a		52.9	915a	103.85	101.25	925a	56.05	
23	930a		47.2	940a	103.85	101.25	950a	57.6	
24	950a		50.6	930a	98.8	94.8	940a	57.6	
25	910a		38.65	920a	96.3	88.5	930a	60.85	
26	100p		33.7	1155a	103.85	103.3		57.6	
27	925a	185	30.8	935a	101.35	101.25	945a	54.5	473.1
28	920a	129.5	38.65	930a	98.8	96.9	945a	57.6	321.45
29	950a	105.0	40.75	920a	91.3	90.6	930a	52.9	380.55
30	920a	147.0	45.55	930a	79.4	80.25	945a	59.3	411.50
Jly 1	840a	104.5	40.75		77.05	66.9		57.6	346.80
	600p	109.5	40.75	610p	59.75	54.3	615p	54.5	318.80
2	905a	120.5	24.55	915a	70.3	57.75	920a	38.4	311.50
3	855a	120.5	23.7	905a	70.3	57.75	910a	38.4	310.65
4	920a	123.5	22.9	930a	71.5	59.55	940a	38.4	314.95
5	910a	117.5	23.7	915a	68.05	57.0	920a	37.8	304.05
6	900a	109.5	23.7	915a	70.3	52.65	925a	35.75	291.90
7	940a	92.4	22.08	950a	66.05	55.2	1000a	37.1	272.8
8	905a	74.0	23.7	915a	71.5	58.65	920a	37.1	264.95
9	915a	68.0	22.9	930a	68.05	56.1	940a	36.5	251.55
10		64.0	17.4		73.8	46.05		36.5	237.75
11	600a	56.0	10.6	610a	79.4	39.9	620a	36.5	222.40
12	600a	54.0	9.4	610a	77.05	32.55	620a	36.5	209.50
13	545a	38.0	10.3	555a	79.4	32.55	605a	35.75	196.0
14	600a	44.0	10.0	610a	73.8	31.2	620a	35.75	194.75
15	550a	52.0	10.6	615a	81.7	39.9	620a	37.8	222.0
16	605a	64.0	15.2	615a	103.55	52.65	625a	38.4	274.1 Rain
17		2.25	28.95		86.4	41.4		38.4	197.4
18	615a	2.25	17.4	625a	88.9	42.9	630a	31.9	183.35
19	555a	2.25	13.1	605a	86.4	39.9	615a	31.9	173.55
20	600a	2.25	11.2	610a	84.0	32.55	620a	31.9	161.9
21	600a	2.25	13.8	610a	96.3	42.9	620a	31.9	187.15 Rain
22	610a	2,25	17.4	625a	103.85	47.7	625a	31.9	203.0
23	610a	2.25	18.15	620a	8.64	34.05	630a	31.9	178.75
24	600a	2.25	16.65	610a	88.9	35.4	620a	32.5	175.7
25	615a	2.25	18.15	625a	88.9	35.4	635a	32.5	177.2
26	600a	2.25	18.15	610a	84.0	38.25	625a	31.9	174.55
27	600a	2.25	15.25	610a	77.05	29.85	620a	31.9	156.5
28	550a	2.25	10.0	600a	79.4	31.2	615a	31.9	154.75
29	605a	2.25	8.8	615a	70.4	38.25	625a	31.9	151.60
30	600a	2.25	13.1	610a	72.55	41.4		31.9	161.2
31	600a	2.25	13.1	615a	77.05	42.9		31.9	167.2
Aug 1	620a	2.25	10.6	630a	63.9	36.1		37.1	149.85
2	615a	2.25	10.6	625a	61.75	34.05	635a	31.9	140.55
3	615a	2.25	13.1	625a	77.05	31.2	635a	31.9	155.5

C R 1943

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

Date 1943	Time	Rvr By M.U. Dam	Mid Rvr Dtch	Was-atch Time	Was-atch Cfs	N. Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Total Cfs
Aug 4	600a	2.25	10.0	610a	63.9	29.85	620a	32.5	138.5
5	600a	2.25	8.8	610a	59.75	17.55	620a	32.5	120.85
6	615a	2.25	10.6	635a	55.6	13.95	645a	31.9	114.3
7		2.25	10.6		55.6	12.45		31.9	112.7
8	620a	2.25	10.6	630a	59.75	11.55	640a	31.9	116.05
9	605a	2.25	8.75	615a	44.0	9.6		31.9	96.6
10		2.25	10.		8.85	37.1		31.9	90.1
11	610a	2.25	10.6	620a	38.0	5.55	630a	34.45	90.85
12	610a	2.25	12.5		45.9	6.3		31.9	98.55
13	615a	2.25	8.75	625a	45.9	6.3	635a	31.9	95.1
14	610a	2.25	8.75	620a	33.85	5.25	630a	30.6	80.7
15		2.25	7.65		55.6	13.35	--	--	78.85
16	1010a	2.25	11.85	1020a	63.9	14.4			92.0
17	630a	2.25	9.4	640a	52.74	17.55			81.95
18	620a	2.25	13.7		51.65	24.6			92.2
19	915a	2.25	13.1	925a	57.6	18.75			91.7
20	915a	2.25	11.85	925a	50.75	22.2			87,05
21	920a	2.25	10.0	930a	47.9	21.0			81.15
22	625a	2.25	10.0	635a	45.9	19.8			77.95
23	625a	2.25	10.0	635a	42.3	19.8			74.35
24	630a	2.25	9.4	640a	42.3	18.75			72.7
25	615a	2.25	10.6	625a	35.45	27.3			75.6
26	615a	2.25	10.0	625a	36.2	29.9			78.35
27	610a	2.25	10.0	620a	36.2	27.9			76.35
28	620a	2.25	10.0	630a	36.2	27.9			76.35
29	625a	2.25	10.0	635a	33.85	26.55			72.65
30	625a	2.25	10.6	635a	45.9	31.95			90.7
31	615a	2.25	10.0	625a	38.7	31.2			82.15
Sep 1	615a	2.25	9.4	625a	38.7	29.55			79.9
2	630a	2.25	9.4	640a	38.7	29.55			79.9
3	615a	2.25	9.1	625a	36.2	28.6			76.15
4	625a	2.25	9.1	635a	36.2	28.6			76.15
6	625a	2.25	9.4	635a	30.4	20.4			63.45
8	615a	2.25	9.2	625a	30.4	20.4			62.25
10	1000a	2.25	8.8	1010a	29.0	18.15			58.2
12	1000a	2.25	7.65	1010a	23.75	14.85			48.5
14	920a	2.25	9.4	930a	18.9	12.45			43.0
16	930a	2.25	6.65	940a	14.05	11.55			34.5
18	925a	0.75	5.9	935a	13.5	8.85			29.0
20	1000a	0.75	8.2	1015a	14.05	8.85			31.85
23	940a	0.75	6.65	930a	12.95	8.85			29.1
25	1050a	0.75	6.65	1015a	12.95	8.85	1025a	2.2	31.4
28	915a	0.75	9.4	925a	17.65	10.65	935a	2.2	40.65
Oct 2	1010a	0.75	5.7	945a	17.65	12.45	950a	2.0	38.55
5	1125a	0.75	8.75	1100a	18.90	12.45	1110a	2.9	43.75
10	1230p	0.75	8.75	1240p	18.9	12.45	1250p	4.55	45.4
14	250p	0.75	12.5	240p	27.55	16.5	230p	4.55	61.85
27	1055a	90.0	1.95	1010a	14.05	8.85	1025a	5.1	119.95
Nov 2	1105a	70.0	1.95	1020a	12.95	8.85	1040a	5.1	97.85
12	1100a	90.0	0.75	1050a	5.1	9.6	1040a	5.1	100.55
29	1130a	66.-	3.4	1140a	5.04	4.95	1150a	3.45	82.84

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CC - I F Baum; Thomas Rasband.

C R 1943

NATURAL PROVO RIVER HEAD HEBER VALLEY

1 9 4 3

Second Feet

Date 1943	June	July	Aug	Sept	Oct
1	-	-	93	42	-
2		178	84	42	31
3		177	99	38	
4		181	98	67	
5		170	80		37
6	-	158	73	54	-
7		139	72		
8		131	75	53	
9		118	56		
10		104	44	49	38
11	-	93	45	-	-
12		88	53	40	
13		79	49		
14		78	67	34	55
15		105	50		
16	-	180	68	26	-
17	~~120~~	120	58		
18		105	68	23	
19		97	68		
20		85	63	26	
21	-	110	57	-	-
22		126	54		
23		102	50	23	
24		99	35		
25		100	38	25	
26	-	98	40	-	-
27	339	80	38		113
28	287	98	36	34	
29	247	95	35		
30	277	104	53		
31	x	110	44	x	-

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CC - I F Baum

C R 1943

SNAKE CREEK

Date 1943	Ditch	Time	Cfs
Jun 10	Scotch	1030a	5.87
	Creek(Ford)	1100a	17.37
	West Bench	1125a	5.85
	Mound	1140a	3.45
	Probst	1150a	3.16
			35.70
Jly 7	Wilson	200p	6.27
	Snake Dtch	245p	4.02
	Creek(Ford)	300p	9.50
	West Bench	320p	6.55
	Probst	325p	3.75
	Huber	345p	2.04
			32.13
Aug 6	Scotch	1030a	0.30
	Snake	1040a	0.20
	Creek(Ford)	1050a	18.70
	Mound	1110a	3.50
	West Bench	1125a	5.20
	Probst	1130a	0.58
	Huber	1135a	1.82
			30.30

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CC - I F Baum

C R 1943

SPRING CREEK AND SAGEBRUSH CANAL
CHARLESTON UPPER CANAL
CHARLESTON LOWER CANAL
ISLAND DITCH

Date 1943	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. Lower Dam. Cfs
Apl 17	400p	1.5	355p	16.0	345p	0.5			
27	530p	27.16	545p	20.0					
May 7	-	-	600p	45.0	610p	22.2			
10	1145a	40.95							
19	410p	33.00	425p	46.5	-	18.75	-	13.9	
26		43.75		62.5		34.8		21.8	
Jun 3	430p	43.75	420p	25.8	425p	19.3	410p	16.24	
10			1240p	45.0	1220p	21.03			
14	-		-		-		1026a	16.64	
20	1010a	50.0	1020a	42.2	1030a	24.6	1050a	17.75	
27	1010a	50.0	1015a	42.2	1020a	12.9	1040a	11.85	
Jly 2	-	38.5	-		-		445p	16.25	
4	440p	44.0	425p	24.4	435p	9.10	410p	15.45	
12	1045a	40.5	1050a	22.2	1100a	6.55			
17	1205p	32.36	1225p	45.05	1235p	7.75			
25	1000a	46.0	1010a	22.25	1025a	8.65			
26	-		-		-		1140a	10.58	
Aug 3	1135a	36.75	1145a	25.5	1155a	6.95	-		6.15
6	-		-		1205p	6.95	~~1205p~~	-	5.98
12	450p	25.0	500p	12.35	510p	5.95	525p	11.85	
18	1215p	27.0	1230p	19.0	1240p	5.55			
26	455p	17.75	510p	15.05	520p	5.0			
30	-		-		-		1140a	11.2	
Sep 13	415p	15.2	420p	15.05	430p	4.35	-	-	2.0
Oct 2	530p	16.0	515p	10.7	525p	5.0	430p	5.6	
14	415p	13.75	425p	16.0	430p	8.65	4.45p	9.2	
Nov 3	400p	12.25	410p	6.25	415p	0.25	325p	9.2	
21	1110a	2.15	1120a	8.45	1125a	0.5			

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CC-I F Baum

C R 1943

KAMAS CANAL

South Kamas Irrigation Company
And
Washington Irrigation Company

Date 1943	Time	Cfs
May 10	1210p	45.7
13	100p	63
18	1015a	80
27	230p	83
Jun 3	345p	74.5 Cut -- Storm
8	420p	49
13	920a	69.2
18	330p	40.
20	600p	83
26	715p	83
Jly 2	830a	77.4
	1030a	50.4
5	530p	53.0
6	-	57.13
9	915a	51.0
11	900a	50.4 Cut 5 cfs.
14	200p	35
15	500p	36.54
16	900a	41.5
20	515p	36.55
23	800a	20.
26	100p	18
30	210p	16
Aug 3	800a	19.43
	910a	36.54
5	130p	45.7
8	1140a	42.60
	320p	42.6
10	915a	28
13	1255p	36.55
14	120p	33.9
19	1015a	33.9
24	800a	33.9 Cut to 14.5 Washington Off.
30	-	9.0
Sep 3	420p	9.
10	1000a	10.8
20	520p	12.6

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SUNRISE CANAL

Date 1943	Time	Cfs
Jly 10	145p	8. Cut
16	1010a	4.
Aug 8	400p	3.
10	940a	5 Cut to 3
Sep 3	500p	00

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