C.R. 1938.

S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

-1929 -- 1938-

Year	MEAN April	May	June	July	August	Sept	Acre Feet.
1929	488	868	883	369	339	348	200,830
1930	425	484	463	232	245	248	127,772
1931	221	218	159	116	121	123	58,116
1932	487	957	879	337	260	245	193,018
1933	329	350	757	232	180	175	122,920
1934	160	135	112	87	88	91	41,060
1935	233	433	854	234	195	167	128,800
1936	698	1213	530	322	271	244	198,688
1937	542	1107	524	369	277	246	185,933
1938	592	986	698	326	265	257	189,021

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C.R. 1938.

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 3 8 -

Month	Max	Min	Mean	Acre Feet.
April	970	311	592	35260
May	1740	461	986	60628
June	1339	363	698	41552
July	364	285	326	20026
Aug	295	243	265	16280
Sept	271	242	257	15275
Max	1740			
Min	...	242		
Mean	...	...	521	
Total	...	...	...	189,021

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(1.98347)
(297 4256)

C.R. 1938

NATURAL PROVO RIVER

UTAH VALLEY

1938

Day	Apl	May	June	July	Aug.	Sept.
1	327	1116	1339	364	291	267
2	311	1055	1338	353	287	268
3	329	905	1329	347	283	270
4	347	768	1321	345	279	264
5	465	767	1251	354	273	263
6	448	675	1213	352	268	258
7	366	597	1124	351	263	255
8	359	556	987	340	266	261
9	368	511	911	346	295	260
10	389	480	838	338	281	261
1	400	461	790	327	277	265
2	428	464	696	328	272	270
3	468	518	657	334	276	271
4	480	721	623	349	278	261
5	460	974	533	346	273	256
6	508	1284	488	318	261	253
7	534	1740	476	312	260	251
8	630	1638	409	293	261	252
9	771	1382	398	319	256	251
20	814	1145	394	309	254	249
1	778	1002	386	298	254	248
2	852	877	363	316	246	261
3	970	832	387	310	246	255
4	927	905	385	299	246	252
5	930	961	389	310	250	248
6	857	1109	390	317	249	250
7	772	1314	368	326	243	249
8	756	1465	376	312	247	247
9	805	1514	408	297	253	243
30	928	1499	382	301	258	242
1	---	1332	---	285	262	---
Totals	17777	30567	20949	10096	8208	7701
Max	970	1740	1339	364	295	271
Min	311	461	363	285	243	242
Mean	592	986	698	326	265	257
Ac.Ft.	35260	60628	41552	20026	16280	15275

NATURAL PROVO RIVER

UTAH VALLEY

APRIL 1938

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut.Val	Natural River Utah Valley
1	281	26	307	20	327	327
2	265	26	291	20	311	311
3	283	25	308	21	329	329
4	300	26	326	21	347	347
5	415	28	443	22	465	465
6	399	27	26	22	448	448
7	316	27	343	23	366	366
8	308	27	335	24	359	359
9	316	27	343	25	368	368
10	336	28	364	25	389	389
1	342	32	374	26	400	400
2	370	31	401	27	428	428
3	408	32	440	28	468	468
4	419	32	451	29	480	480
5	399	31	430	30	460	460
6	446	31	477	31	508	508
7	471	30	501	33	534	534
8	566	30	596	34	630	630
9	706	29	735	36	771	771
20	748	29	777	37	814	814
1	710	29	739	39	778	778
2	782	30	812	40	852	852
3	895	33	928	42	970	970
4	849	34	883	44	927	927
5	849	35	884	46	930	930
6	774	35	809	48	857	857
7	689	33	722	50	772	772
8	673	31	704	52	756	756
9	718	32	750	55	805	805
30	836	35	871	57	928	928
-	---	--	---	--	---	---
Totals	15869	901	16770	1007	17777	17777
Max	895	35	928	57	970	970
Min	265	25	291	20	311	311
Mean	529	30	559	33	592	592
Ac.Ft.	31476	1787	33263	1997	35260	35260

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NATURAL PROVO RIVER

UTAH VALLEY

MAY 1938

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut.Val	Natural River Utah Valley
1	1020	36	1056	60	1116	1116
2	957	38	995	60	1055	1055
3	809	36	845	60	905	905
4	673	35	708	60	768	768
5	673	34	707	60	767	767
6	581	34	615	60	675	675
7	505	32	537	60	597	597
8	464	32	496	60	556	556
9	419	32	451	60	511	511
10	389	31	420	60	480	480
1	370	31	401	60	461	461
2	373	31	404	60	464	464
3	425	33	458	60	518	518
4	625	36	661	60	721	721
5	877	37	914	60	974	974
6	1180	44	1224	60	1284	1284
7	1630	50	1680	60	1740	1740
8	1520	58	1578	60	1638	1638
9	1270	52	1322	60	1382	1382
20	1040	45	1085	60	1145	1145
1	900	42	942	60	1002	1002
2	778	39	817	60	877	877
3	735	37	772	60	832	832
4	809	36	845	60	905	905
5	863	38	901	60	961	961
6	1010	39	1049	60	1109	1109
7	1210	44	1254	60	1314	1314
8	1360	45	1405	60	1465	1465
9	1410	44	1454	60	1514	1514
30	1400	39	1439	60	1499	1499
1	1240	32	1272	60	1332	1332
Totals	27515	1192	28707	1860	30567	30567
Max	1630	58	1680	60	1740	1740
Min	370	31	401	60	461	461
Mean	888	38	926	60	986	986
Ac.Ft.	54575	2364	56939	3689	60628	60628

NATURAL PROVO RIVER

UTAH VALLEY

JUNE 1938

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut.Val	Stor. Tun.	Natural River Utah Valle
1	1250	29	1279	60	1339	-	1339
2	1250	28	1278	60	1338	-	1338
3	1240	29	1269	60	1329	-	1329
4	1230	31	1261	60	1321	-	1321
5	1160	31	1191	60	1251	-	1251
6	1120	33	1153	60	1213	-	1213
7	1030	34	1064	60	1124	-	1124
8	892	35	927	60	987	-	987
9	816	35	851	60	911	-	911
10	750	28	778	60	838	-	838
1	703	27	730	60	790	-	790
2	609	27	636	60	696	-	696
3	570	27	597	60	657	-	657
4	537	26	563	60	623	-	623
5	468	26	494	60	554	21	533
6	454	26	480	60	540	52	488
7	464	26	490	60	550	74	476
8	444	26	470	60	530	121	409
9	432	26	458	60	518	120	398
20	425	25	450	60	510	116	394
1	407	25	432	60	492	106	386
2	382	25	407	60	467	104	363
3	403	24	427	60	487	100	387
4	400	24	424	60	484	99	385
5	403	24	427	60	487	98	389
6	400	24	424	60	484	94	390
7	379	23	402	60	462	94	368
8	376	24	400	60	460	84	376
9	428	24	452	60	512	104	408
30	410	24	434	60	494	112	382
-	---	--	---	--	---	---	---
Total	19832	816	20648	1800	22448	1499	20949
Max	1250	35	1279	60	1339	121	1339
Min	376	23	400	60	460	00	363
Mean	661	27	688	60	748	50	698
Ac.Ft.	39336	1618	40954	3570	44525	2973	41552

NATURAL PROVO RIVER

UTAH VALLEY

JULY 1938

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Utah Val.	Storage Tun.	Natural River Utah Valley
1	394	24	418	60	478	114	364
2	379	25	404	60	464	111	353
3	373	25	398	60	458	111	347
4	367	25	392	60	452	107	345
5	373	26	399	60	459	105	354
6	370	27	397	60	457	105	352
7	364	28	392	60	452	101	351
8	339	28	367	60	427	87	340
9	317	28	345	60	405	59	346
10	309	27	336	60	396	58	338
1	291	26	317	60	377	50	327
2	289	26	315	60	375	47	328
3	304	29	333	60	393	59	334
4	323	34	357	60	417	68	349
5	334	31	365	60	425	79	346
6	326	28	354	61	415	97	318
7	320	28	348	61	409	97	312
8	299	28	327	62	389	96	293
9	283	27	310	62	372	53	319
20	265	26	291	63	354	45	309
1	275	25	300	63	363	65	298
2	291	26	317	63	380	64	316
3	293	26	319	64	383	73	310
4	301	28	329	64	393	94	299
5	310	30	340	65	405	95	310
6	312	32	344	65	409	92	317
7	318	33	351	66	417	91	326
8	278	33	311	66	377	65	312
9	262	32	294	66	360	63	297
30	253	32	285	67	352	51	301
1	236	31	267	67	334	49	285
Totals	9748	874	10622	1925	12547	2451	10096
Max	394	34	418	67	478	114	364
Min	236	24	267	60	334	45	285
Mean	314	28	342	61	405	79	326
Ac.Ft.	19335	1734	21069	3818	24887	4861	20026

NATURAL PROVO RIVER

UTAH VALLEY

AUGUST 1938

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut.Val	Stor. Tun.	Natural River Utah Valley.
1	231	30	261	65	326	35	291
2	229	30	259	63	322	35	287
3	227	30	257	61	318	35	283
4	227	28	255	59	314	35	279
5	222	28	250	58	308	35	273
6	220	27	247	56	303	35	268
7	216	28	244	54	298	35	263
8	222	27	249	52	301	35	266
9	250	30	280	50	330	35	295
10	238	30	268	48	316	35	281
1	236	29	265	47	312	35	277
2	224	30	254	53	307	35	272
3	222	29	251	60	311	35	276
4	224	30	254	59	313	35	278
5	222	28	250	58	308	35	273
6	211	28	239	57	296	35	261
7	211	28	239	56	295	35	260
8	209	28	237	55	292	31	261
9	205	27	232	54	286	30	256
20	203	28	231	53	284	30	254
1	203	28	231	53	284	30	254
2	197	27	224	52	276	30	246
3	197	28	225	51	276	30	246
4	197	29	226	50	276	30	246
5	201	30	231	49	280	30	250
6	201	30	231	48	279	30	249
7	197	29	226	47	273	30	243
8	199	30	229	48	277	30	247
9	203	30	233	50	283	30	253
30	207	30	237	51	288	30	258
1	211	31	242	53	295	33	262
Totals	6662	895	7557	1670	9227	1019	8208
Max	250	31	280	65	330	35	295
Min	197	27	224	47	273	30	243
Mean	215	29	244	54	298	33	265
Ac.Ft.	13214	1775	14989	3312	18301	2021	16280

NATURAL PROVO RIVER

UTAH VALLEY

SEPTEMBER 1938

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total UT.Val	Stor. Tun	Natural River Utah Valley
1	216	31	247	55	302	35	267
2	216	31	247	56	303	35	268
3	209	32	241	58	299	29	270
4	199	32	231	59	290	26	264
5	199	32	231	58	289	26	263
6	195	32	227	57	284	26	258
7	193	32	225	56	281	26	255
8	199	32	231	56	287	26	261
9	199	32	231	55	286	26	260
10	201	32	233	54	287	26	261
1	204	34	238	53	291	26	265
2	211	33	244	52	296	26	270
3	214	32	246	51	297	26	271
4	205	31	236	51	287	26	261
5	201	31	232	50	282	26	256
6	199	31	230	49	279	26	253
7	199	30	229	48	277	26	251
8	201	30	231	47	278	26	252
9	201	30	231	46	277	26	251
20	199	30	229	46	275	26	249
1	192	30	222	45	267	19	248
2	192	30	222	44	266	5	261
3	186	31	217	43	260	5	255
4	184	31	215	42	257	5	252
5	180	32	212	41	253	5	248
6	182	32	214	41	255	5	250
7	182	32	214	40	254	5	249
8	180	33	213	39	252	5	247
9	177	33	210	38	248	5	243
30	177	33	210	37	247	5	242
-	---	--	---	--	---	-	---
Totals	5892	947	6839	1467	8306	605	7701
Max	216	34	247	59	303	35	271
Min	177	30	210	37	247	5	242
Mean	196	32	228	49	277	20	257
Ac.Ft.	11687	1878	13565	2910	16475	1200	15275

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C.R. 1938

I N F L O W C U R V E

- 1 9 3 8 -

Day	Apl	May	June	July	Aug.	Sept.
1	20	60	60	60	65	55
2	20	60	60	60	63	56
3	21	60	60	60	61	58
4	21	60	60	60	59	59
5	22	60	60	60	58	58
6	22	60	60	60	56	57
7	23	60	60	60	54	56
8	24	60	60	60	52	56
9	25	60	60	60	50	55
10	25	60	60	60	48	54
1	26	60	60	60	47	53
2	27	60	60	60	53	52
3	28	60	60	60	60	51
4	29	60	60	60	59	51
5	30	60	60	60	58	50
6	31	60	60	61	57	49
7	33	60	60	61	56	48
8	34	60	60	62	55	47
9	36	60	60	62	54	46
20	37	60	60	63	53	46
1	39	60	60	63	53	45
2	40	60	60	63	52	44
3	42	60	60	64	51	43
4	44	60	60	64	50	42
5	46	60	60	65	49	41
6	48	60	60	65	48	41
7	50	60	60	66	47	40
8	52	60	60	66	48	39
9	55	60	60	66	50	38
30	57	60	60	67	51	37
1	--	60	--	67	53	--

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C.R.1938.

WEBER-PROVO DIVERSION CANAL

Composite Table Second Feet
At North End and South End.

Dail Discharge in Second Feet of Weber-Provo Diversion Canal, 1938.

Day	JUNE N.End	JUNE S.End	JULY N.End	JULY S.End
1	-	-	129.6	111
2	-	-	124.6	110
3	-	-	129.6	104
4	-	-	116.4	98
5	-	-	110.0	94
6	-	-	100.6	87
7	-	-	88.5	69
8	-	-	61.8	46
9	-	-	37.4	29
10	-	-	30.0	22
1	-	-	21.2	15
2	[illegible]	-	26.8	16
3	-	-	27.9	19
4	37.0	17	39.8	25
5	88.6	48	42.1	28
6	134.5	70	38.6	24
7	150.2	117	35.3	26
8	151.9	116	25.9	19
9	141.6	112	20.2	12
20	134.6	102	24.9	9
1	134.6	100	34.2	18
2	138.0	102	46.8	28
3	136.2	101	49.2	29
4	134.6	101	43.3	24
5	134.6	101	41.0	24
6	134.6	102	37.4	24
7	134.6	108	28.9	16
8	134.6	113	19.3	5
9	138.0	115	0.0	1
30	134.6	112	---	--
Totals	2192.8	1637	1531.3	1132

Period Totals :

North End 3724.1
South End 2769.-

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CC To Provo Reservoir Co.
CC To Thomas Curtis, Research Engr. USRS.

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TFW 11-12-38.

C.R.1938.

C O P Y

STATE OF UTAH
OFFICE OF STATE ENGINEER

Daily Discharge in Second Feet of Weber-Provo Diversion Canal.

at Oakley, Utah for Period- June 14 to July 28 1938

Day	June	July
1		129.6
2		124.6
3		129.6
4		116.4
5		110.0
6		100.6
7		88.5
8		61.8
9		37.4
10		30.0
1		21.2
2		26.8
3		27.9
4	37.0	39.8
5	88.6	42.1
6	134.5	38.6
7	150.2	35.3
8	151.9	25.9
9	141.6	20.2
20	134.6	24.9
1	134.6	34.2
2	138.0	46.8
3	136.2	49.2
4	134.6	43.3
5	134.6	41.0
6	134.6	37.4
7	134.6	28.9
8	134.6	19.3
9	138.0	0
30	134.6	0
1	-----	0
Sec.Ft.	2192.8	1531.3
Total Ac.Ft.	4342	3032

Total For Period 7,374 Acre Feet

On June 20th 37.5 sec.ft. Was Echo Reservoir Water
" " 21st 75.0 " " " " " "
It was all Echo Reservoir Water after June 21st.

Total Reservoir water Delivered in June 2638 Acft.
" " " " " " 3032 Acft.
" " " " " Period 5670 Acft.

Reservoir water to be delivered for 1938 =120%
of 5400 shares = 6480 acft.
Total Reservoir Water delivered 5670 acft.
Balance in Reservoir 810 acft.

Approximately 250 acft of the above
balance has been rented to date 8/8/38

Very Truly Yours
P.H.Sorensen (Signed)
Water Commissioner
Weber River.

Copy sent to Provo Res. Water Users Co.

C.R.1938

WEBER RIVER: ECHO STORAGE, PROVO RIVER STORAGE, AND TUNNEL WATERS BY VIVIAN PARK IN MEAN DAILY SECOND FEET.

1938	*** J U N E				J U L Y			
Day	W.R.	Echo	Tun.	Total	P.R.S.	Echo	Tun	Total
1	---	---	---	----	--	109	5	114
2	---	---	---	----	--	106	5	111
3	---	----	---	----	--	106	5	111
4	---	---	---	----	--	102	5	107
5	---	---	---	----	--	100	5	105
6	---	---	---	----	10	90	5	105
7	---	---	---	----	11	85	5	101
8	---	---	---	----	11	71	5	87
9	---	---	---	----	--	54	5	59
10	---	---	---	----	25	28	5	58
1	---	---	---	----	25	20	5	50
2	---	---	---	----	28	14	5	47
3	---	---	---	----	54	00	5	59
4	---	---	---	----	53	10	5	68
5	17	---	4	21	58	16	5	79
6	48	---	4	52	66	26	5	97
7	70	---	4	74	66	26	5	97
8	117	---	4	121	66	25	5	96
9	116	---	4	120	24	24	5	53
20	112	---	4	116	24	16	5	45
1	62	40	4	106	49	11	5	65
2	25	75	4	104	49	10	5	64
3	--	96	4	100	48	20	5	73
4	--	95	4	99	62	27	5	94
5	--	94	4	98	63	27	5	95
6	--	90	4	94	63	24	5	92
7	--	90	4	94	63	23	5	91
8	--	80	4	84	39	21	5	65
9	--	100	4	104	44	14	5	63
30	--	108	4	112	44	2	5	51
1					44	--	5	49

W.R. -- Weber River Flood Waters.
Echo -- Echo Storage.
P.R.S.-- Provo River Storage.
Tun. -- Ontario Drain Tunnel Waters.

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C.R.1938

PROVO RIVER STORAGE AND TUNNEL WATERS BY VIVIAN PARK

IN MEAN DAILY SECOND FEET.

1938	AUGUST			SEPTEMBER		
Day	P.R.S.	Tun.	Total	P.R.S.	Tun.	Total
1	30	5	35	30	5	35
2	"	"	35	30	5	35
3	"	"	35	24	5	29
4	"	"	35	21	5	26
5	"	"	35	21	5	26
6	30	5	35	21	5	26
7	"	"	35	"	"	26
8	"	"	35	"	"	26
9	"	"	35	"	"	26
10	"	"	35	"	"	26
1	30	5	35	21	5	26
2	"	"	35	"	"	26
3	"	"	35	"	"	26
4	"	"	35	"	"	26
5	"	"	35	"	"	26
6	30	5	35	21	5	26
7	"	"	35	"	"	26
8	26	5	31	"	"	26
9	25	"	30	"	"	26
20	25	"	30	"	"	26
1	25	5	30	14	5	19
2	"	"	30	--	"	5
3	"	"	30	--	"	5
4	"	"	30	--	"	5
5	"	"	30	--	"	5
6	25	5	30	--	5	5
7	"	"	30	--	"	5
8	"	"	30	--	"	5
9	"	"	30	--	5	5
30	"	"	30	--	5	5
1	28	5	33	----------		

P.R.S. --Provo River Storage.
Tun. -- Ontario Drain Tunnel Waters.

PROVO RIVER UTAH VALLEY

"TOTAL MEASUREMENTS"

	Date 1938	Diversions Cfs	To Lake	Water-works	Total Cfs
Apl	27	326		7.	
May	9	358	152	8	518
	10	425	50	""	490
	12	436	16	"	464
	26	548	340	"	896
June	1	582	500	11	1093
	9	582	245	"	838
	17	544	3	"	558
	18	524	0	"	535
	22	450	0	"	461
	24	470	1	"	482
	25	480	0	"	491
	28	443	0	"	454
July	2	457	0	10	467
	6	440	0	"	450
	7	448	0	"	458
	9	395	0	"	405
	10	391	0"	"	401
	11	367	0	"	377
	30	342	0	"	352
	31	324	0	"	334
Aug.	4	305	0	9	314
	5	310	0	"	319
	6	307	0	"	316
	7	289	0	"	298
	8	293	0	"	302
	11	303	0	"	312
	13	303	0-	"	312
	14	304	0	"	313
	15	298	0	"	307
	19	282	0	"	291
	20	276	0	"	285
	22	270	0	"	279
	26	267	0	"	276
	30	279	0	"	288
Sept	1	285	0	8	293
	4	281	0	"	289
	7	272	0	"	280
	9	275	0	"	283
	12	281	0	"	289
	17	267	0	"	275
	21	256	1	"	265
	23	253	1	"	262
	27	244	1	"	253
	30	236	3	"	247

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Note: Spring Water in Provo City Waterworks, furnished by Provo City Engineering Department: Orem Town Waterworks about 0.75 Cfs: Time of day of observations and weather conditions should be noted in comparison with curve at Vivian Park, -- discharge curve at Vivian Park is daily mean, the foregoing tabulation is based upon the observed flow at times during day, as showm by record of canal discharge.

Total quantities in Utah Valley during period of Mudslide and clearing July 14- 28, is calculated on the basis of no slide, or interference,--- based upon the flow at Vivian Park plus inflow.

C.R. 1938.

BRIDAL VEIL FALLS WATERS TO

PROVO CITY WATERWORKS 1 9 3 8

Aug. 1938 Day	Sec. Feet.	Acre Feet.	
5	2.92	1.9	4 Pm. On
6	2.92	5.8	
7	2.83	5.6	
8	2.64	5.2	
9	2.55	5.1	
10	2.46	5.-	
11	2.64	5.2	
12	2.64	5.2	
13	2.64	5.2	
14	2.64	5.2	
15	2.64	3.4	4 Pm. Off
Total		52.8	

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CC To UP&LCo. % EGT.
CC Provo City % Jesse Haws Com.
CC To Provo Reservoir Co.

(10-20-38 TFW.)

C.R.1938.

FACTORY RACE VOLUME

YEAR ENDING SEPTEMBER 30, 1938.

	Month	Acre Feet.
)	Oct	-----
1937(	Nov	1200
)	Dec	2480
1938	Jan	2640
	Feb	2380
	Mar	2640
	Apl	1360
	May	1230
	Jun	190
	Jly	120
	Aug	120
	Sep	140
	Total	14500

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CC To Provo City % E.A.Jacob.
CC To USGS % A.B.Purton
CC To USRS % Thomas Curtis.

TFW

C.R.1938.

PRECIPITATION

1937 X 1938

HEBER El 5593	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Precip	1.74	1.64	1.84	1.21	2.28	3.11	0.79	2.29	0.37	0.36	0.85	0.66
Mean Prec	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	+.33	+.23	+.32	-.82	+.36	+1.15	-.68	+.90	-.29	-.44	-.25	-.42
Tot Prec	1.74	3.38	5.22	6.43	8.71	11.82	12.61	14.90	15.27	15.63	16.48	17.14
Tot Mean	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	+.33	+.56	+.88	+.06	+.42	+1.57	+.89	+1.79	+1.50	+1.06	+.81	+.39
Percent	123	120	120	101	105	115	107	114	111	107	105	103

PROVO El 4517												
Precip	1.91	0.64	1.81	0.31	1.55	2.03	1.36	2.88	0.19	0.15	0.56	0.26
Mean Prec	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	+.43	-.68	+.40	-1.34	-.09	+.32	-.20	+1.20	-.49	-.44	-.42	-.83
Tot Prec	1.91	2.55	4.36	4.67	6.22	8.25	9.61	12.49	12.68	12.83	13.39	13.65
Tot Mean	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	+.43	-.25	+.15	-1.19	-1.28	-.96	-1.16	+.04	-.45	-.89	-1.31	-2.14
Percent	129	91	103	80	83	90	89	100	97	94	91	86

SALT LAKE CITY El 4327												
Precip	2.63	0.80	1.32	0.60	1.15	4.11	1.78	2.09	0.53	0.29	0.48	0.09
Mean Prec	1.44	1.35	1.43	1.31	1.51	1.98	2.05	1.92	0.80	0.51	0.85	0.98
Depart	+1.19	-.55	-.11	-.71	-.36	+2.13	-.27	+.17	-.27	-.22	-.37	-.89
Tot Prec	2.63	3.43	4.75	5.35	6.50	10.61	12.39	14.48	15.01	15.30	15.78	15.87
Tot Mean	1.44	2.79	4.22	5.53	7.04	9.02	11.07	12.99	13.79	14.30	15.15	16.13
Accum	+1.19	+.64	+.53	-.18	-.54	+1.59	+1.32	+1.49	+1.22	+1.00	+.63	-.26
Percent	182	123	113	97	92	118	112	111	109	114	104	99

PARK CITY El 7100												
Precip	2.70	1.29	1.48	1.39	3.50	4.35	0.88	2.67	0.29	0.89	4.52	0.68
Mean Prec	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	+1.37	-.41	-.72	-1.52	+.72	+1.41	-.99	+1.46	-.41	-.36	+3.00	-.54
Tot Prec	2.70	3.99	5.47	6.86	10.36	14.71	15.59	18.26	18.55	19.44	23.96	24.64
Tot Mean	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	+1.37	+.96	+.24	-1.28	-.56	+.85	-.14	+1.32	+.91	+.55	+3.55	+3.01
Percent	203	132	105	84	95	106	99	108	105	103	118	114

SNAKE CREEK El 5950												
Precip	2.14	2.24	2.28	2.47	3.53	5.09	0.79	2.77	0.54	0.74	1.21	1.69
Mean Prec	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	+.52	+.25	-.40	-.80	+.46	+2.05	-1.30	+1.14	-.20	-.32	-.22	+.25
Tot Prec	2.14	4.38	6.66	9.13	12.66	17.75	18.54	21.31	21.85	22.59	23.80	25.49
Tot Mean	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	+.52	+.77	+.37	-.43	+.03	+2.08	+.78	+1.92	+1.72	+1.40	+1.18	+1.43
Percent	132	121	106	95	100	113	104	110	108	107	108	106

AVERAGE												
Precip	2.23	1.32	1.75	1.19	2.40	3.74	1.12	2.54	0.38	0.49	1.52	0.68
Mean Prec	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	+.77	-.23	-.10	-1.04	+.22	+1.41	-.69	+.97	-.33	-.35	+.34	-.48
Tot Prec	2.23	3.55	5.30	6.49	8.89	12.63	13.75	16.29	16.67	17.16	18.68	19.36
Tot Mean	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	+.77	+.54	+.44	-.60	-.38	+1.03	+.34	+1.31	+.98	+.63	+.97	+.49
Percent	152	118	109	92	96	109	103	109	106	104	106	103

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C To, UP&LCo.; Provo City; Provo Res. Co.; Provo Bench C & I CO.; Wasatch Irr.Co.; S.Kamas Irr. Co. ; J.O.Stone, I.F.Baum; Roy Atkinson.

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TFW:TFW.10-24-38

CC To USGS and USRS.

SNOW SURVEYS

	1938	1937	1936	1935	1934	1933	1932	Normal	1938 % Of Normal
Head Daniels									
El 8100									
Depth	47.2	55.9	59.7	39.3	10.3	42.5	56.2	XXX	73.9
Water	15.9	21.3	19.4	12.5	3.5	13.6	20.7	21.5	
Trial Lake									
El 9900									
Depth	81.2	82.9	99.2	72.2	46.0	65.9	93.8		
Water	27.9	28.9	37.2	23.5	16.4	20.0	29.3	36.3	76.8
Long Lake									
El 10,300									
Depth	88.9	89.7	109.2	79.3	52.8	73.8	104.0		
Water	30.6	33.7	43.5	28.0	18.4	23.7	36.0	43.1	71.2
Soapstone									
El 8100									
Depth	39.9	35.9	53.7	33.6	7.0	27.5	52.8		
Water	12.0	11.9	18.9	9.0	2.5	8.3	14.1	15.2	79
Lost Lake									
El 10,000									
Depth	73.2	78.0	87.7	64.7	45.0	59.2	84.4		
Water	24.8	27.6	34.5	21.5	15.2	18.5	25.9	33.8	73.4
Average									
El 9280									
Depth	66.1	68.5	81.9	57.7	32.2	53.5	78.2		
Water	22.2	24.7	30.7	18.9	11.2	16.8	25.2	30.0	74.0
Percent Normal	74	82	102	63	37	56	84		

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May 23,1938.

Trial Lake Course:

Depth 52.0; Water 27.0; Density 52%.

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May 27,1938.

Trial Lake Course:

Depth 45.2; Water 25.0; Density 60%.

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CC To Thos. Curtis, RE. Of USGS.
CC To H.C.Clegg.

C.R. 1938. C O P Y

BROWN WELL AT CHARLESTON UTAH

Depth to Water In feet. Measured from Top of Well Casing
For Year Ending Sept. 30, 1938. 3.0' Above Ground Surface.

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
1	-	-	19.10	20.58	21.40	21.52	21.50	---	7.34	6.40	12.05	16.09
2	-	-	19.13	20.61	21.41	21.20	21.51	-	6.40	6.61	12.25	16.15
3	-	-	19.16	20.65	21.41	20.70	21.51	-	6.47	6.71	12.37	16.33
4	-	-	19.23	20.67	21.42	20.31	21.51	-	5.87	7.09	12.77	16.33
5	-	-	19.32	20.70	21.43	20.26	21.52	-	6.34	7.36	13.18	16.32
6	-	-	19.41	20.83	21.44	20.27	21.52	-	6.38	7.48	13.52	16.41
7	-	-	19.48	20.86	21.45	20.35	21.55	17.88	6.15	7.73	13.80	16.30
8	-	-	19.53	20.90	21.48	20.43	21.55	17.70	5.88	7.75	13.72	16.48
9	-	-	19.58	20.93	21.51	20.49	21.55	17.47	5.10	7.90	13.68	16.55
10	-	-	19.61	20.94	21.51	20.60	21.54	17.12	5.44	7.07	13.64	16.50
1	-	-	19.63	20.95	21.24	20.67	21.53	16.74	5.56	7.66	12.75	16.60
2	-	-	19.64	20.95	20.99	20.73	21.52	16.28	5.78	8.06	13.27	16.65
3	-	-	19.51	20.98	21.08	20.83	21.52	15.75	5.91	8.13	13.67	16.76
4	-	-	19.57	21.02	21.15	20.88	21.52	15.30	5.78	8.83	13.99	16.85
5	-	-	19.73	21.05	21.20	20.93	21.52	14.71	5.86	9.30	14.24	16.94
6	-	-	19.80	21.07	21.26	20.98	21.51	14.20	5.97	9.47	14.52	17.01
7	-	18.06	19.87	21.08	21.33	21.04	21.51	13.94	5.80	9.35	14.71	17.02
8	-	18.12	19.90	21.10	21.39	21.11	21.51	13.56	5.65	9.42	14.74	16.94
9	-	18.17	19.93	21.14	21.45	21.15	21.51	13.15	5.31	9.60	14.84	16.64
20	-	18.23	19.95	21.16	21.50	21.18	-	12.90	5.53	9.49	14.88	16.59
1	-	18.29	20.00	21.20	21.55	21.24	-	12.51	5.71	9.68	14.08	16.45
2	-	18.36	20.05	21.22	21.58	21.28	-	11.07	5.77	9.63	14.47	16.70
3	-	18.43	20.09	21.24	21.61	21.32	-	9.63	5.73	9.86	14.90	16.84
4	-	18.50	20.13	21.25	21.63	21.36	-	8.97	5.46	10.49	15.17	17.02
5	-	18.57	20.17	21.28	21.65	21.40	-	9.19	6.35	11.05	15.43	17.13
6	-	18.65	20.21	21.31	21.67	21.41	-	9.02	6.83	11.16	15.56	17.14
7	-	18.81	20.25	21.34	21.69	21.42	-	8.94	7.12	11.43	15.81	17.20
8	-	18.91	20.30	21.37	21.71	21.43	-	8.60	6.18	11.47	15.75	17.44
9	-	19.04	20.46	21.35	-----	21.45	19.56	8.25	5.88	11.74	15.84	17.62
30	-	19.07	20.50	21.37	-----	21.49	-	7.72	6.18	11.72	15.84	17.69
1	-	-----	20.54	21.38	-----	21.50	-----	7.19	----	12.01	15.84	-----

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Note: 0 Is 3.0' above Point Used by Observations 1915 to 1937 Incl.

TFW.

C.R.1938

S U M M A R Y

S T O R A G E W A T E R S

1 9 3 8

RELEASE FROM RESERVOIRS:

	JUNE	JULY	AUGUST	SEPT	TOTALS
ECHO	2140	2264	----	----	4404
PROVO RIVER	447	5961	2669	836	9913
TOTALS	2587	8225	2669	836	14317

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DELIVERY:-

	JUNE	JULY	AUGUST	SEPT	TOTALS
Timpanogus	294	1718	288	----	2300
Wasatch	----	1023	575	----	1598
Provo Res. Co.	1954	2198			
		2243	1593	850	8838
Extension	136	187			
	98	347	----	----	768
South Kamas	----	206	75	----	281
Washington	----	498	181	----	679
Provo City	----	----	137	----	137
" " Assigned Balance to Provo Res. Co.					
Totals	2482	8420	2849	850	14601

Note: Echo Underscored.

C To Each Interested Party.

SUMMARY

STORAGE WATER

1938

STORAGE AND OWNERSHIP

Reser-voir	GH	Acre Feet	Provo Res.Co	Was-atch	Timp-ogus	Exten sion	Provo City	Wash-ton	South Kamas
Trial	38	1660	751	415	415	79	---	---	---
Wash	38	2614	1182	653	654	125	---	---	---
Wall	31.5	2000	905	500	500	95	---	----	---
Star	--	314	142	79	78	15	---	---	---
Long	22.5	950	860	---	---	90	---	---	---
Lost	22	1153	322	---	---	47	784	---	---
NFk#6	--	450	---	---	450	---	---	---	---
Marjorie	--	260	---	---	260	---	---	---	---
NFk#5	--	102	102	---	---	---	---	---	---
NFk$1	--	115	115	---	---	---	---	---	---
NFk#2	--	35	35	---	---	---	---	---	---
Lost#1	5	75	75	---	---	---	---	---	---
Big Elk	18	694	---	---	---	---	---	694	---
Echo	--	4404	4078	---	---	326	---	---	---
Stored 1st Class	-	303	---	---	---	---	---	---	303
Totals		15129	8567	1647	2357	777	784	694	303
Four %		605	343	66	94	31	31	28	12
Net		14524	8224	1581	2263	746	753	666	291

Note: Provo City assigns to Provo Reservoir Co. 616 Acre Feet (Net) see letter of 8-15-38

South Kamas stored First Class water July 7-17th.

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C To Parties.

STORAGE WATERS
ECHO RESERVOIR
JUNE-JULY 1938

Diversion Canal To Provo River					Delivery Wasatch Dam.					
					To Provo Res Co			To Extension Irrig.Co.		
June 1938	T	Cfs	Inflow Cfs	Net Cfs	Net AFt.	Cfs	Acre Feet	T	Cfs	AcFt	T
20		40		40	80	40	80		--	--	
1		75		75	150	75	150		--	--	
2		104	2	102	204	96	192		--	--	
3		103	2	101	202	95	190		7-	14	
4		103	"	101	202	94	188		7	14	
5		103	"	101	202	90	180		7	14	
6		104	2	102	204	90	180		7	14	
7		110	"	108	216	80	160		20	40	
8		115	"	113	226	100	200		12	24	
9		117	"	115	230	108	216		4	8	
30		114	"	112	224	109	218		4	8	
Total					2140		1954			136	
JULY											
1		113	2	111	222	106	212		4	8	
2		112	"	110	220	106	212		4	8	
3		106	"	104	208	102	204		4	8	
4		100	"	98	196	100	200		4	8	
5		96	"	94	188	90	180		7	14	
6		89	"	87	174	85	170		5	10	
7		71	"	69	138	71	142		10	20	
8		47	1	46	92	54	108		10	20	
9		31	2	29	58	28	56		10	20	
10		23	1	22	44	20	40		6	12	
1		16	1	15	30	14	28		6	12	
2		17	"	16	32	00	00		14	28	
3		20	"	19	38	10	20		7	14	
4		26	"	25	50	12-19	33	8a	7-0	5	8a
5		29	"	28	56	26	52				
6		25	1	24	48	26	52				
7		27	"	26	52	25	50				
8		20	"	19	38	24	48				
9		13	"	12	24	16	32				
20		10	"	9	18	11	22				
1		19	1	18	36	10	20				
2		29	"	28	56	20	40				
3		30	"	29	58	27	54				
4		25	"	24	48	27	54				
5		25	"	24	48	24	48				
6		25	1	24	48	23	46				
7		17	"	16	32	21	42				
8		6	"	5	10	14	28				
9	6a	4-0	"	3	2	5	5	Noon			
Totals					2264		2198			187	
Grand Totals					4404		4152			323	

STORAGE WATERS HEAD PROVO RIVER

June 1938

RELEASE:				DELIVERED:			
1938 June				Timpanogus		Extension	
Day	Cfs	Aft.		Cfs.	Aft.	Cfs.	Aft.
25	30	40	8a	---	---	---	---
26	30	60		21	42	9	18
27	30	60		30	60	--	--
28	30-50	87	8a	32	64	8	16
29	50	100		32	64	16	32
30	50	100		32	64	16	32
Totals		447			294		98

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C.R.1938 STORAGE WATERS HEAD PROVO RIVER. JULY 1938

RELEASE JULY Day	cfs	Aft	Timpanogus Cfs	Aft	Extension Cfs	Aft	Provo Res.Co Cfs	Aft	Wasatch Cfs	Aft	Washington Cfs	Aft	S.Kamas Cfs	Aft
1	50	100	32	64	16	32	---	--	--	--	--	--	--	--
2	50	100	32	64	16	32	--	--	--	--	--	--	--	--
3	50-60	103 8p	32	64	16	32	--	--	--	--	--	----	--	--
4	60~~-120~~	120	32	64	16	32	--	--	--	--	--	--	--	--
5	60	120	27	54	13	26	10	20	8	16	--	--	--	--
6	60-30	110 8p	27	54	15	30	11	22	5	10	--	--	--	--
7	30	60	27	54	10	20	11	22	10	20	--	--	--	--
8	30-50	63 9p	27	54	10	20	--	--	10.5	21	--	--	--	--
9	50	100	27	54	10	20	25	50	5.5	11	--	--	--	--
10	50-60	8a 113	27	54	14	28	25	50	--	--	--	--	--	--
1	60-100	174 8a	27	54	14	28	28	56	6.5	13	--	--	--	--
2	100	200	27	54	6	12	47.5-60.5	108	16	32	--	--	--	--
3	100	200	27	54	13	26	53.5	107	20	40	--	--	--	--
4	100	200	27	54	13-0	9 8a	50-63	117 8a	20	40	--	--	--	--
5	100	200	27	54	--	--	66.5	133	20	40	--	--	--	--
6	100	200	27	54	--	--	66.5	133	20	40	--	--	--	--
7	100	200	27	54	--	--	66.5	133	20	40	17	22 8a	7	10 8a
8	100-125	212 6p	27	54	--	--	24	48	20	40	17	34	7	14
9	125	250	27	54	--	--	24	48	20	40	17	34	7	14
20	125	250	27	54	--	--	49	98	20	40	17	34	7	14
1	125-150	262 6p	27	54	--	--	49	98	20	40	17	34	7	14
2	150	300	28	56	--	--	48	96	20	40	17	34	7	14
3	150	300	28	56	--	--	62	124	30	60	17	34	7	14
4	150	300	27	54	--	--	63	126	30	60	17	34	7	14
5	150-125	292 8p	27	54	--	--	63	126	30	60	17	34	7	14
6	125	250	27	54	--	--	63	126	30	60	17	34	7	14
7	125	250	27	54	--	--	39	78	30	60	17	34	7	14
8	125	250	27	54	--	--	44	88	25	50	17	34	7	14
9	125-110	242 6p	27	54	--	--	44	88	25	50	17	34	7	14
30	110	220	27	54	--	--	44	88	25	50	17	34	7	14
1	110	220	27	54	--	--	30	60	25	50	17	34	7	14
Totals		5961		1818		347		2243		1023		498		206

C.R.1938 STORAGE WATERS HEAD PROVO RIVER. AUGUST 1938

RELEASE August			DELIVERY Timpanogus		Wasatch		Provo R.Co		Washington		S.Kamas		Provo City	
Day	Cfs	Aft	Cfs	Aft	Cfs	Aft	Cfs	Aft	Cfs	Aft	Cfs	Aft	Cfs	Aft
1	110	220	27	54	25	50	25	50	17	34	7	14	5	10
2	110	220	27	54	25	50	25	50	17	34	7	14	5	10
3	110	220	27	54	25	50	25	50	17	34	7	14	5	10
4	110-57	185 4p	27	54	25	50	25	50	17	34	7	14	5	10
5	57	114	27	54	25	50	25	50	17	34	7	14	5	10
6	57	114	27-0	18 8a	25	50	25	50	17-0	11	7-0	5 8a	5	10
7	57	114	--	--	25	50	25	50	--	--	-	--	5	10
8	57	114	--	--	25	50	25	50	--	--	-	--	5	10
9	57	114	--	--	25	50	25	50	--	--	-	--	5	10
10	57-31	97 4p	--	--	25	50	25	50	--	--	-	--	5	10
1	31	62	--	--	25	50	25	50	--	--	-	--	5	10
2	31	62	--	--	25-0	25 M	25	50	--	--	-	--	5	10
3	31	62	--	--	--	--	25	50	--	--	-	--	5	10
4	31	62	--	--	--	--	25-30	53 4p	--	--	-	--	5-0	7 4p
5	31-26	57 M	--	--	--	--	30	60	--	--	-	--	-	--
6	26	52	--	--	--	--	30	60	--	--	-	--	-	--
7	26	52	--	--	--	--	30-25	53 8a	--	--	-	--	-	--
8	26	52	--	--	--	--	25	50	--	--	-	--	-	--
9	26	52	--	--	--	--	25	50	--	--	-	--	-	--
20	26	52	--	--	--	--	25	50	--	--	-	--	-	--
1	26	52	--	--	--	--	25	50	--	--	-	--	-	--
2	26	52	--	--	--	--	25	50	--	--	-	--	-	--
3	26	52	--	--	--	--	25	50	--	--	-	--	-	--
4	26	52	--	--	--	--	25	50	--	--	-	--	-	--
5	26	52	--	--	--	--	25	50	--	--	-	--	-	--
6	26	52	--	--	--	--	25	50	--	--	-	--	-	--
7	26	52	--	--	--	--	25	50	--	--	-	--	-	--
8	26	52	--	--	--	--	25	50	--	--	-	--	-	--
9	26-31	57 M	--	--	--	--	25	50	--	--	-	--	-	--
30	31	62	--	--	--	--	25-30	57 8a	--	--	-	--	-	--
1	31-22	57 4p	--	--	--	--	30	60	--	--	-	--	-	--
Totals		2669		288		575		1593		181		75		137

C.R.1938

STORAGE WATERS HEAD PROVO RIVER

SEPTEMBER 1938

RELEASE			DELIVERY		
Sept. 1938 Day	Cfs	Aft	Cfs	Aft.	
1	22	44	30	60	
2	22	44	30-21	48	8a
3	22	44	21	42	
4	22	44	21	42	
5	22	44	21	42	
6	22	44	21	42	
7	22	44	21	42	
8	22	44	21	42	
9	22	44	21	42	
10	22	44	21	42	
1	22	44	21	42	
2	22	44	21	42	
3	22	44	21	42	
4	22	44	21	42	
5	22	44	21	42	
6	22	44	21	42	
7	22	44	21	42	
8	22	44	21	42	
9	22	44	21	42	
20	--	00	21-0	28	4 p
Totals		836		850	

WEBER RIVER FLOOD WATERS THRU DIVERSION CANAL

TO PROVO RIVER.

JUNE 1938.

June 1938 Day	Cfs	Inflow	Net Cfs	Net Aft.
14 M	36	2	34	34
15	50	"	48	96
16	72	"	70	140
17	119	"	117	234
18	118	"	116	232
19	114	"	112	224
20*	64	"	62	124
21*	27	"	25	50
Total				1134

* Balance of flow classed as Echo Storage.

SOUTH KAMAS CREDIT ON

FIRST CLASS AS STORAGE

July 1938 Day	Percent 1st Class Supply	Cfs. Credit	Credit Ac.Ft.	
7	100		22	8a
8	95	16.5	33	
9	100	17.5	35	
10	100	17.5	35	
11	98	17	34	
12	75	13	26	
13	65	11	22	
14	100	17.5	35	
15	100	17.5	35	
16	75	13	26	
Totals			303	
4%			12	
Balance			291	

(7Cfs for 20 days)

C O P Y

Elmer A.Jacob
City Engineer

PROVO CITY CORPORATION

Phone 1251

Engineering Department

Provo,Utah

August 15th

1 9 3 8

T.F.Wentz
Water Commissioner
Provo, Utah

Dear Mr. Wentz:

You are hereby authorized to turn to the Provo Reservoir Water Users Company, the balance of Provo City's storage in Lost lake as of this date.

Very Truly yours

(Signed) Jesse Haws

Jesse Haws
Commissioner.

ap/

C.R.1938.

OUTLINE DISTRIBUTION PROVO DIVISION 1938.

	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
E.RIV. Bottom & City Creek	10.00	9.20	8.20	7.77
Provo City exc. Wks.	63.08	59.59	56.28	53.42
Little Dry Creek	8.43	,7.67	6.75	6.75
Ft. Field Upper Canal(½D)	3.59	3.19	2.87	2.30
Lake Bottom Canal Co,Davis and Jorgensen	15.93	14.17	12.75	10.20
Spring Creek Users	7.20	6.55	5.71	5.14
Provo Bench CanalSee attached sheet.				

- -

Provo Reservoir Canal:-

Of Blue Cliff Right. . . .	6.76	10.61	14.27	14.27
Wright Est. Springs and river water less .6 cfs not to exceed	1.20	1.20	1.20	1.20
Round Valley not to exceed 3.12 cfs.	..	..	..	..
Storage as shown	..	..	..	..
Tunnel as shown	..	..	..	..
Other Classes as shown	..	..	..	..

- -

Provo City and Orem Town Waterworks as shown

- -

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

- -

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

- -

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

- -

TFW:TFW 5-5-1938.

C.R.1938

OUTLINE DISTRIBUTION PROVO BENCH CANAL 1938

	May 10-Jun 20	Jun 20-Jly 20	Jly 20-May 10	
a. One share is	.05	.04525	.04074	
b. PBC&ICo.Par.6,1520.4 shares	76.01	68.77	61.89	
c. Caleb Tanner by deed par.30, five shares	0.25	0.25	0.25	
d. Caleb Tanner By Deed 28 shrs	1.24	1.24	1.24	
e. Provo Res.Co. by deed,250shrs	12.50	11.31	10.18	
f. J.D.Dixon,bydeed,31 shrs	1.55	1.40	1.26	
g. Provo Res.Co,by deed, 120 shrs	6.00	5.43	4.89	
h. Subtotal issued stock 1954.4 shares	97.55	88.40	79.71	
i. Provo Res. Co. No certificate 174.73 shares	8.73	7.91	7.12	
j. Caleb Tanner and Esthma Tanner No certificate				
107.5 shares Provo Bench . .	5.38	4.86	4.38	
192.0 North Union Shares . .	5.08	4.60	4.14	
k. Subtotal Class "A"	116.74	105.77	95.35	
l. Provo Res. Co. Class "G"	8.50	8.50	8.50	
THRU NORTH OPENING OF DIVISION GATES:				
m. Provo Res. Co. 668 acres Duty 57,63,70..	11.72	10.60	9.54	
n. Caleb Tanner &Esthma Tanner 31.67 acres,Duty 57,63,70	0.55	0.50	0.45 *	0.88
o. Subtotal Class "A"	12.27	11.10	9.99 *	10.42
p. J.D.Dixon Class "G" Thru North Opening	1.50	1.50	1.50	

TFW:TFW 5-5-1938.

* August 9,1938, Caleb Tanner and Esthma Tanner, 61.67 acres, (30 Acres more) thru North Opening, see letter of A.L.Tanner

C.R.1938.

OUTLINE DISTRIBUTION CITY CREEK 1938.

James Amicome	4.00	
Earl Foote	15.00	
J.W.Bone	9.00	
P B & T Co.	14.00	
Frank Perry	9.00	
Elmo Cluff	4.50	
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,	" 70,	1.05 "	C

- -

Name	May 10-Jun 20	Jun 20-Jly 20	Jly 20-Sep 1	Sep 1-May 10
ERBWCo.	7.96	7.35	6.56	6.17
A B & C	1.29	1.17	1.05	1.05
Fred Dusterberg	.327	.298	.262	.243
George Boyce	.308	.281	.246	.229
Jane E.Smith	.110	.100	.087	.079
Totals	10.00	9.20	8.20	7.77

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C.R. 1938

LOSS AND GAIN ALLOWANCES 1938:

Name	Loss Cfs	Gain Cfs
Provo Bench Canal	5	..
Timpanogus Canal Co.	2	..
Upper East Union Canal	2	..
City Creek	1	..
Lake Bottom Canal	..	2-3

- - - -

Provo City:-

Union	2	..
Factory Race	..	3
City Race	..	..
Tanner Race	..	2-3 (Fifth West Drain)

Balance . . . . . Gain 3-4 cfs.

- - - - - - -

Date 1938		Time	GH	Cfs	Remarks
May	1	500a			Turned out for annual repairs
	6	745a			Turned In.
	6	Evening			Turned out
	11	800a			Turned in
	12	700a	467		
	12	-	466	241	By UP&L Measurement.
	14	Highwater begins.			
	18	700a	471		
	21	700a	469		
	25	700a	475		
	26	700a	476		
	29	700a	481		
June	1	700a	483		
	2	700a	482		
	4	700a	482		
	5	700a	482		
	7	700a	482		
	9	700a	483		
	10	700a	482		
	12	700a	472		
	13	Flashing Dam			
	16	700a	479		
	19	700a	481		
	21	Tightened Emergency dam.			
	23	700a	483		
	26	700a	484		
	27	700a	484		
	28	700a	484		
	29	700a	485		Storm during night,-- higher river.
July	1	700a	485		
	5	700a	482		
	2	-	482	244	UP&L Observer.
	6	700a	485		
	7	700a	485		
	9	700a	433		
	11	700a	484		
	12	700a	484		
	13	700a	484		
	13	930p			Cloudburst in canyon, mudslides block river/
	14	700p			Water begins to flow over slide at dam.
	28	635p			Turned in approx 150 cfs, trouble with gravel.
	29	830-930p			Flushed screens in flume.
	30	700a			Approx 150 cfs.
Aug.	2	400a			Turned out to clean intake.
	2	700p			Turned in.
	3	Put wings on Donnon Parshall, passing 30 cfs storage and 2 cfs, wright Estate = 32 and gage of 88. (Ten Foot Parshall Flume)			
	4	The first morning of a settled river since slide.			
	4	700a	438		
	4	River at Vivian Park, 515p, GH 222 = 220 cfs, South Fork 30,= 250 less 32 thru Donnon Parshall = 218 in flume.			
	5	Provo City elects to take Bridal Veil & Lost Creek to 5 cfs, and turn the 5 cfs storage thru flume, so at 330p cut Donnon Parshall to Gh 79 = 27 cfs.			
	6	700a	450,		Donnon Parshall 79 = 27 cfs.
	7	700a	436,		River at USGS, 1100a, GH 218= 210 cfs, + 30 S.Fk,= 240 - 27 = 213 thru flume.
	8	700a	440		

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1938		Time	GH.	Cfs	Remarks
Aug.	9	700a	470	-	Storm last night, 0.29"
	9	1130a	USGS River, 240 =270 cfs to 30 S.Fk, = 300 - 58 Donnon Parshall = 242 thru flume approx.		
	10	700a	470		
	11	700a	468		
	12	700a	450		
	13	700a	448		
	14	700a	448		
	15	700a	444		
	15	400p	Provo City assigns its storage to Provo Reservoir Co., return Bridal Veil Falls waters to flume and take the 5 cfs over dam, Don. Parsh. 88 gh = 32 cfs.		
	16	700a	412		
	17	700a	426		
	18	700a	426		
	18	1130a	Cut Don. Parsh. to Gh 79 = 28 cfs -- reduction in storag		
	18	12m	434, Don. Parsh, 12m, 79-- 27.10 cfs.		
	20	700a	423		
	21	700a	425		
	22	700a	418		
	23	700a	420		
	24	700a	427		
	25	700a	428		
	26	700a	432		
	27	700a	420		
	28	700a	436		
	30	700a	448		
	31	1215p	453		Storm up river.
Sept.	1	700a	448		
	4	700a	450		
	5	700a	445		
	6	700a	437		
	7	700a	437		
	8	700a	438		
	8	Storm up river, higher this pm			
	8	540p	450		
	9	700a	443		
	11	700a	457		
	13	700a	469		
	14	700a	445		
	15	700a	436		
	15	600p	438		
	16	700a	429		
	18	820a	Turned out for repairs		
	18	1245p	Turned in		
	20	700a	417		
	21	700a	409		
	21	Storage exhausted to-day at 400pm at Olmstead Dam, took all water thru flume, a small seep thru rocks 1-2 cfs.			
	22	700a	438		
	25	700a	417		
	27	700a	418		
	28	700a	421		
	29	700a	416		
	30	700a	413		
	26	-	423	209.	UP&LCO. Msr.

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1938		Time	GH.	Cfs	Remarks
Aug.	9	700a	470	-	Storm last night, 0.29"
	9	1130a	USGS River, 240 =270 cfs to 30 S.Fk, = 300 - 58 Donnon Parshall = 242 thru flume approx.		
	10	700a	470		
	11	700a	468		
	12	700a	450		
	13	700a	448		
	14	700a	448		
	15	700a	444		
	15	400p	Provo City assigns its storage to Provo Reservoir Co., return Bridal Veil Falls waters to flume and take the 5 cfs over dam, Don. Parsh. 88 gh = 32 cfs.		
	16	700a	412		
	17	700a	426		
	18	700a	426		
	18	1130a	Cut Don. Parsh. to Gh 79 = 28 cfs -- reduction in storage.		
	18	12m	434, Don. Parsh, 12m, 79-- 27.10 cfs.		
	20	700a	423		
	21	700a	425		
	22	700a	418		
	23	700a	420		
	24	700a	427		
	25	700a	428		
	26	700a	432		
	27	700a	420		
	28	700a	436		
	30	700a	448		
	31	1215p	453		Storm up river.
Sept.	1	700a	448		
	4	700a	450		
	5	700a	445		
	6	700a	437		
	7	700a	437		
	8	700a	438		
	8	Storm up river, higher this pm			
	8	540p	450		
	9	700a	443		
	11	700a	457		
	13	700a	469		
	14	700a	445		
	15	700a	436		
	15	600p	438		
	16	700a	429		
	18	820a	Turned out for repairs		
	18	1245p	Turned in		
	20	700a	417		
	21	700a	409		
	21	Storage exhausted to-day at 400pm at Olmstead Dam, took all water thru flume, a small seep thru rocks 1-2 cfs.			
	22	700a	438		
	25	700a	417		
	27	700a	418		
	28	700a	421		
	29	700a	416		
	30	700a	413		
	26	-	423	209.	UP&LCO. Msr.

C.R.1938

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

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Date 1938		Time	GH.	Cfs	Remarks
Oct.	1	700a	420		
	3	700a	425		
	4	700a	427		
	6	700a	424		
	7	700a	429		
	8	700a	436		
	9	700a	441		
	10	700a	450		
	10	Indian Summer			
	13	700a	440		
	14	700a	440		
	15	Storm last night 0.18"			
	16	General Storm to 700a 0.10"			
	16	700a	470		
	17	700a	465	Storm	
	18	Storm			
	19	700a	468		
	20	700a	467		
	25	700a	469		
	25	USGS River		230 cfs	(1130a)
		S Fork		31	(1115a)
				261	
		Don, Parsh		24.4	237 thru flume
	27	700a	472		
	28	Took out about one-third Emergency Dam			
	31	700a	475	Rain	
Nov.	1	700a	474		
	14	700a	474		

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CC To UP&LCO. % E.G.Thorum.

PROVO RESERVOIR CANAL 1938.

Ten Foot Parshall Measureing Flume, and Lateral No.1, Total In Canal.

Date 1938		Time	Cfs.	Remarks
Apl	11	Turned In		
	14	912a	8.30	
	19	302p	73.8	
	25	1008a	119.38	
	27	848a	166.51	
~~May~~	29	939a	178.35	
	30	328p	184.01	
May	5	839a	142.17	
	7	1050a	160.01	
	9	843a	167.51	
	10	847a	174.11	
	11	329p	181.42	
	12	839a	179.16	
	13	855a	183.38	
	14	826a	198.42	
	14	500p	Turned out for repair.	
	15	Turned in this evening.		
	16	842a	177.36	
	18	1014a	191.62	Storms.
	19	944a	176.28	
	21	1034a	180.25	
	22	1115a	182.58	
	23	252p	190.07	
	24	845a	195.67	
	25	1055a	195.67	
	26	1100a	199.07	
	27	342p	199.02	
	28	944a	199.07	
	29	859a	199.17	
	30	1024a	201.37	
Jun	1	1003a	201.47	
	2	233p	200.04	
	4	928a	198.92	
	5	929a	200.26	
	7	900a	200.34	
	8	441p	200.34	
	9	312p	200.53	
	10	855a	199.58	
	11	915a	200.95	
	12	903a	199.85	
	13	847a	198.36	
	14	820a	199.56	
	15	852a	194.54	
	16	550a	197.07	
	17	550a	199.37	
	18	835a	198.16	
	19	548a	197.74	
	20	552a	199.24	
	21	553a	190.99	
	21	1025a	197.60	
	22	615a	166.30	
	23	815a	180.82	
	24	550a	176.10	
	25	545a	187.87	
	26	915a	185.39	
	27	613a	172.80	
	28	843a	158.80	
	29	846a	190.84	Storm
	30	100p	189.23	

PROVO RESERVOIR CANAL 1938.

	Date 1938	Time	Cfs	Remarks.
July	1	817a	171.70	
	2	911a	166.62	
	3	913a	167.49	
	4	947a	159.82	
	5	917a	166.30	
	6	905a	164.10	
	6	225p	162.00	
	7	902a	164.10	
	8	645a	136.10	
	8	530p	131.10	
	9	710a	109.97	
	9	522p	102.70	
	10	645a	105.29	
	11	655a	83.12	
	12	650a	71.40	
	13	1114a	92.04	
	13	540p	92.90	
	13	930p	Cloudburst in Canyon, Mudslides, block river.	
	14	700p	Water begins to flow over slide.	
	15	910a	153.50	
	15	211p	117.50	
	16	844a	126.20	
	17	638a	127.10	
	17	1210p	127.10	
	18	627a	133.39	
	18	100p	100.72	
	19	626a	169.52	
	20	615a	94.70	
	20	415p	180.50	Note variation in flow from work on slide.
	21	703a	86.00	
	21	940a	146.20	
	21	1145a	144.10	
	22	645a	92.04	
	22	1043a	134.10	
	23	641a	90.30	Getting to Normal
	23	347p	90.30	
	24	644a	109.97	
	24	1025a	116.60	
	24	600p	137.10	
	25	632a	122.62	
	25	1000a	141.34	
	26	635a	115.92	
	26	1026a	122.50	
	27	640a	135.10	Showers last evening
	27	310p	159.82	
	28	632a	108.10	Cloudy
	28	400p	148.20	
	29	620p	190.70	
	30	612a	80.20	
	31	633a	61.40	
Aug	1	637a	56.30	
	2	1137a	54.65	
	3	640a	50.70	Put Wings on Donnon Parshall, Passing 30 Stor, and 2 W.Est. = 32 with gage of 88, getting ready to start pump #1.
	3	415p	Started Pump #1 .	
	4	639a	50.70	
	5	624a	50.00	
	6	632a	48.6	

PROVO RESERVOIR CANAL 1938.

	Date 1938	Time	Cfs	Remarks
Aug	7	629a	46.50	
	8	633a	47.90	
	9	620a	62.98	Stor, during night.
	9	1107a	79.26	
	10	635a	49.86	
	11	833a	47.20	
	12	805a	45.87	
	13	843a	46.50	
	14	844a	45.20	
	15	834a	44.60	
	16	812a	44.00	Started Pump #3 at 1100a
	16	305p	46.50	
	17	633a	48.39	
	18	827a	47.90	Change in storage to 25. Cut Donnon Parshall to Gage 79 = 27.cfs
	18	359p	42.6	
	19	834a	44.00	
	20	633a	44.00	
	21	846a	44.60	
	22	834a	43.3	
	23	1056a	42.6	Pump #3 cut off at 1000a
	23	342p	40.7	
	24	840a	41.90	
	25	833a	42.66	
	26	645a	42.6	
	27	849a	42.7	
	28	855a	42.6	
	29	836a	43.30	
	30	906a	42.0	
	31	1150a	47.9	Storm up river
	31	1252p	50.70	Pump #3 put on at 1230p
	31	422p	50.7	
Sept	1	1043a	50.82	
	2	933a	52.1	
	3	630a	50.7	at 710a cut storage 9cfs, Donnon Parshall Gage 88 to 72
		1222p		
	3	/~~12M~~	42.6	Donnon Parshall 72 = 23.3 cfs at 12M
	4	926a	42.6	
	5	936a	44.0	Cut off Pump #3 at 315p
	5	440p	38.2	
	6	645a	37.50	Started Pump #3 at 700a
	6	934a	43.30	
	6	1222p	41.4	
	6	515p	40.0	
	7	958a	40.7	
	8	834a	42.6	
	8	1218p	39.36	Storms up river this pm
	9	830a	40.25	
	10	843a	40.7	
	11	912a	40.0	
	12	929a	40.0	
	13	915a	42.6	Some pump trouble for an hour.
	14	859a	41.4	
	15	508p	42.0	
	16	842a	40.84	
	17	859a	42,65	
	18	914a	42.0	
	18	608p	44.6	

PROVO RESERVOIR CANAL 1938.

	Date 1938	Time	Cfs	Remarks.
Sept	19	848a	40.7	
	20	1006a	41.4	
	21	910a	42.0	Storage exhausted to-day at 400p at Olmstead Dam, -- take all water thru flume, except seep thru rocks of 1-2 cfs = Wright Estate.
	22	902a	23.3	
	23	1056a	22.26	
	24	1044a	22.73	
	25	1138a	22.8	
	27	645a	22.8	
	28	1028a	21.3	
	29	300p	20.8	
	30	1000a	20.8	
Oct	1	12m	21.53	
	3	1015a	20.8	
	4	1055a	21.3	
	5	1100a	20.8	
	6	1140a	20.8	
	7	1222p	20.8	
	8	1145a	20.8	
	9	1058a	20.8	
	10	1155a	20.8	
	11	1122a	20.3	
	13	900a	19.8	
	14	910a	19.8	
	15	Storm		
	16	500p	49.3	General Storm all day
	17	200p	36.3	Spilling on acct storm
	18	-	-	Cut off pumps.
	19	1102a	38.2	
	20	1116a	38.2	
	22	12m	57.7	
	24	1030a	41.4	No spill
	25	1230p	39.38	
	27	1234p	52.4	
	29	1240p	34.39	
	31	1240p	47.2	Rain.
Nov	1	1235p	50.00	
	3	1212p	49.3	
	6	1140a	49.3	
	8	1210p	47.9	
	12	1102a	49.3	
	14	12m	47.9	

CC To Provo Res. Co. 11-16-38

C.R.1938

PROVO CITY IRRIGATION SYSTEM

	Date 1938	E.Union Time	E.Union Cfs	Factory Cfs	City R Time	City R Cfs	Tanner R. Time	Tanner R. Cfs	Total Cfs	
Apl	15	In		-	-		-		-	
	18	-		-	In		-		-	
	20	-		-	-		In		-	
	27	256p	8.80	00	251p	9.28	246p	9.32	27.40	
	29	1002a	8.48	00	1006a	10.56	1011a	8.66	27.70	
	30	431p	17.76	42.60	435p	12.24	440p	11.00	83.60	
May	1	Storm								
	5	935a	13.12	42.60	944a	12.24	948a	9.32	77.28	
	7	925a	14.88	42.60	919a	9.60	915a	7.57	74.65	
	9	911a	14.16	42.60	916a	10.56	922a	6.34	73.66	
	10	915a	17.36	42.60	918a	11.52	925a	7.36	78.84	
	11	249p	10.00	42.60	253p	11.20	238p	5.75	69.55	
	12	1020a	22.08	15.36	1024a	13.20	1028a	10.70	61.34	
	13	1046a	20.40	10.92	1050a	11.20	1055a	8.44	50.96	
	14	1030a	23.28	12.60	1023a	14.24	1019a	12.40	62.52	
	14	High water begins, 75* by.								
	15	1054a	22.08	8.64	1058a	13.52	1103a	11.20	55.44	
	16	6-7a	22.08	7.80	6-7a	13.52	6-7a	11.90	54.80	By F. Obsr.
	18	6-7a	11.20	10.08	6-7a	10.88	6-7a	4.99	37.15	" " "
	19	6-7a	14.56	15.36	6-7a	10.24	6-7a	3.25	43.41	" " "
	21	425p	13.12	6.12	419p	10.24	415p	10.20	39.68	
	23	330p	18.16	2.88	333p	12.24	337p	11.90	45.18	
	24	928a	17.76	2.40	932a	10.24	937a	11.40	41.80	
	25	1138a	20.40	2.88	1142a	13.92	1147a	11.90	48.10	
	26	1150a	21.28	4.56	1154a	16.48	1158a	11.90	54.22	
	28	1130a	21.68	5.40	1134a	16.88	1140a	12.70	56.66	
	28	Sheep Corral Bare								
	30	1150a	20.08	5.40	1154a	16.48	1158a	12.90	54.86	
June	1	1115a	22.48	6.72	1119a	18.40	1123a	12.40	60.00	
	2	306p	25.44	7.80	310p	18.80	314p	12.70	64.74	
	4	1008a	22.88	7.08	1012a	17.20	1016a	12.40	59.56	
	5	1010a	21.68	5.40	1014a	17.20	1020a	13.40	57.68	
	5	Hottest June 5th since 1874 92°								
	7	945a	26.72	6.72	949a	17.60	953a	12.40	63.44	
	9	358p	21.28	9.36	402p	19.60	406p	12.20	62.44	
	10	1130a	20.08	4.80	1134a	18.80	1142a	11.90	55.58	
	10	Putting in Dam.								
	12	1110a	23.28	2.40	1114a	16.88	1118a	11.90	54.46	
	13	1115a	15.92	8.64	1119a	18.40	1124a	13.70	56.66	
	14	6-7a	24.56	9.00	6-7a	21.28	6-7a	13.40	68.24	" " "
	15	640a	24.56	3.48	644a	19.20	650a	13.40	60.64	
	16	1048a	24.56	3.12	1052a	18.80	1058a	12.40	58.88	
	17	7-8a	26.32	2.-	7-8a	20.00	7-8a	13.40	61.72	" " "
	18	914a	23.76	2.	918a	18.80	922a	12.40	56.96	
	19	6-7a	23.76	2.	6-7a	19.60	6-7a	13.90	59.26	" " "
	20	624a	22.88	2.	628a	17.20	632a	13.40	55.48	
	21	652a	24.16	2.	656a	17.20	700a	11.90	55.26	
	22	650a	23.28	2.	654a	15.76	658a	11.80	52.94	
	23	610a	23.76	2.	616a	17.20	606a	10.70	53.66	
	23	512p	24.56	2.	516p	19.60	522p	13.40	59.56	
	24	625a	24.56	2.	629a	18.00	634a	13.90	58.46	
	25	625a	24.56	2.	629a	17.60	633a	14.70	59.26	
	26	1030a	24.56	2.	1034a	18.00	1038a	12.70	57.26	
	27	6-7a	25.42	2.	6-7a	19.20	6-7a	13.90	60.52	" " "
	28	942a	23.76	2.	946a	19.20	950a	13.20	58.16	
	29	934a	25.84	2.	938a	19.60	944a	13.90	61.34	
	29	Repairing City Dam								
	30	258p	23.28	2.	302p	18.40	306p	14.40	58.08	

PROVO CITY IRRIGATION SYSTEM

Date 1938		E.Union Time	E.Union Cfs	Factory Cfs	City R. Time	City R. Cfs	Tanner R Time	Tanner R Cfs	Total Cfs	
July	1	900a	24.56	2.	904a	18.40	909a	13.20	58.16	
	2	941a	24.16	2.	8448	18.00	848a	13.90	58.06	
	3	1154a	24.16	2.	1148a	17.20	1144a	13.20	56.56	
	4	6-7a	26.32	2.	6-7a	18.00	6-7a	14.40	60.72	Facer Obsr.
	5	1033a	24.56	2.	1037a	17.60	1041a	13.20	57.36	
	6	930a	25.44	2.	932a	17.60	935a	13.90	58.94	
	6	337p	24.56	2.	341p	15.76	346p	13.40	55.72	
	7	1017a	24.56	2.	1021a	17.20	1025a	13.20	56.96	
	8	6-7a	24.56	2.	6-7a	17.60	6-7a	13.90	58.06	" "
	9	919a	23.28	2.	923a	17.20	927a	13.20	55.68	
	10	927a	23.76	2.	932a	17.20	937a	12.90	55.86	
	11	940a	23.76	2.	943a	18.00	947a	12.20	55.96	
	12	947a	24.56	2.	951a	16.48	1016a	13.20	56.24	
	13	12m	24.56	2.	1204p	19.20	1208p	12.90	58.66	
	13	930p Cloudburst in canyon, mudslides block river.								
	14	700p Water begins to flow over slide.								
	15	6-7a	27.20	2.	6-7a	19.60	6-7a	15.00	63.80	" "
	16	305p	26.32	2.	309p	18.80	316p	12.40	59.52	
	17	6-7a	27.20	2.	6-7a	18.00	6-7a	13.90	61.10	" "
	18	310p	24.16	2.	314p	18.00	318p	11.00	55.16	
	19	1025a	24.96	2.	1029a	18.80	1033a	11.70	57.46	
	20	6-7a	25.84	2.	6-7a	18.00	6-7a	12.90	58.74	" "
	21	1020a	25.84	2.	1024a	18.00	1030a	11.90	57.74	
	22	1111a	26.32	2.	1115a	19.20	1120a	12.40	59.92	
	23	6-7a	25.44	2.	6-7a	19.20	6-7a	11.40	56.04	" "
	23	River getting to normal.								
	24	1052a	24.56	2.	1056a	18.00	11.00a	10.00	54.56	
	25	1155a	23.28	2. D 4.	1158a	16.88	1203p	6.95	53.11	
	26	706a	26.72	2.	710a	18.80	715a	11.00	58.52	
	27	1036a	25.44	2.	1032a	18.00	1028a	10.50	55.94	
	28	6-7a	23.76	2. D 4	6-7a	14.24	6-7a	10.50	54.50	
	30	639a	23.28	2.	643a	18.40	648a	12.20	55.88	
	31	922a	25.84	2.	926a	18.40	932a	12.70	58.94	
Aug.	1	6-7a	25.44	2.	6-7a	18.00	6-7a	12.20	57.64	" "
	2	1202p	22.88	2. D 4	1205p	16.08	1211p	8.22	53.18	
	3	6-7a	24.16	2.	6-7a	18.00	6-7a	9.55	53.71	" "
	4	The first morning of a settled river since slide.								
	4	705a	23.28	2. D 4	715a	16.88	720a	10.00	56.16	
	5	700a	24.56	2.	704a	18.40	708a	11.20	56.16	
	6	923a	24.56	2.	919a	18.40	915a	10.20	55.16	
	7	700a	23.28	2.	703a	17.20	707a	8.88	51.36	
	8	840a	24.56	2.	844a	18.40	833a	9.78	54.74	
	9	Storm								
	9	646a	26.72	2.	650a	18.80	654a	12.90	60.42	
	10	843a	25.84	2.	839a	16.48	835a	12.70	57.02	
	11	910a	23.28	2.	914a	17.60	919a	11.00	53.88	
	12	1152a	24.96	2.	1148a	18.00	1144a	10.20	55.16	
	13	915a	24.56	2.	919a	17.20	924a	10.00	53.76	
	14	952a	24.56	2.	955a	17.20	1000a	10.00	53.76	
	15	925a	24.16	2.	930a	17.20	934a	9.32	52.68	
	16	7a	24.16	2.	7a	17.20	7a	8.22	51.58	
	17	705a	22.88	2.	709a	16.48	713a	7.79	49.15	
	18	925a	22.88	2.	928a	16.48	934a	7.36	48.72	
	19	940a	24.56	2.	944a	17.60	948a	8.44	52.60	
	20	703a	23.76	2.	706a	16.48	710a	8.00	50.24	
	21	7a	23.76	2.	7a	17.60	7a	9.10	52.46	" "
	22	933a	22.08	2.	936a	15.36	940a	6.14	45.58	
	23	455p	22.88	2.	450p	15.04	446p	7.15	47.07	

PROVO CITY IRRIGATION SYSTEM

	Date 1938	E.UNION Time	E.UNION Cfs	Factory Cfs	City R. Time	City R. Cfs	Tanner E Time	Tanner E Cfs	Total Cfs	
Aug	24	7a	23.76	2.	7a	15.76	7a	7.57	49.09	Facer Obsr.
	25	920a	22.88	2.	924a	14.24	930a	6.14	48.26	
	26	913a	22.48	2.	916a	14.64	920a	7.57	46.69	
	27	917a	22.08	2.	921a	15.04	925a	7.57	46.69	
	28	930a	22.88	2.	933a	15.04	938a	8.44	48.36	
	29	1134a	22.88	2.	1130a	14.64	1126a	8.66	48.18	
	30	942a	23.76	2.	946a	15.76	950a	8.88	50.40	
	31	332p	22.48	2. D 3	328p	14.64	325p	8.22	50.34	
Sept	1	1111a	24.56	1.	1115a	15.76	1119a	9.78	51.10	
	2	958a	23.76	1.	1001a	15.04	1004a	10.20	50.00	
	3	1027a	24.16	1.	1030a	15.04	1035a	11.00	51.20	
	4	1000a	24.16	1.	956a	15.36	1004a	11.40	51.92	
	5	1005a	23.28	1.	1009a	16.48	1013a	9.78	52.54	
	6	1013a	22.08	1.	1017a	15.76	1021a	8.22	47.06	
	7	922a	23.76	1.	926a	16.48	930a	8.44	49.68	
	8	730a	22.88	1.	730a	16.08	730a	7.36	47.32	" "
	9	901a	22.88	1. D 3	905a	13.20	910a	9.32	49.40	
	10	1212p	23.76	1.	1216p	13.92	1206p	11.00	49.68	
	11	945a	22.48	1.	949a	15.04	953a	11.90	50.42	
	12	Cloudy-- Showers.								
	12	1002a	21.68	4.2	1005a	14.64	1009a	12.20	52.72	
	13	1046a	22.48	5.76	1050a	14.64	1056a	12.20	55.08	
	14	930a	20.88	3.96	933a	14.24	937a	11.40	50.48	
	16	915a	9.68	2.	919a	14.64	924a	9.10	45.42	
	17	1004a	19.68	1.	1008a	14.24	1012a	7.57	42.49	
	19	936a	19.68	4.56	940a	15.36	944a	3.41	**Construction-out.	
	20	7a	20.40	4.56	7a	14.64	7a	11.00	50.60	Facer Obsr
	21	953a	19.68	2.40	957a	13.20	1004a	8.66	43.94	
	22	7a	20.40	4.56	7a	14.24	7a	10.20	49.40	" "
	23	1113a	20.40	4.80	1116a	13.92	1120a	9.32	48.44	
	24	1122a	19.68	2.16	1126a	12.88	1130a	10.00	44.72	
	27	7a	19.68	3.96	7a	13.52	7a	9.78	46.94	" "
	28	1122a	20.08	3.12	1118a	13.92	1115a	9.32	46.44	
	30	1106a	19.28	2.40	1110a	12.56	1114a	8.44	42.68	
Oct.	1	1108a	19.28	2.16	1104a	12.56	1100a	7.79	41.79	
	3	932a	16.24	3.72	928a	13.52	924a	10.20	43.68	
	4	944a	15.92	3.96	940a	13.52	937a	10.20	43.60	
	5	1008a	15.92	4.20	1004a	13.92	1000a	10.20	44.24	
	6	1016a	15.92	3.72	1012a	14.24	1008a	10.00	43.88	
	7	959a	15.92	3.96	956a	13.52	952a	10.00	43.40	
	8	949a	15.20	2.	945a	12.88	941a	8.44	38.52	
	9	1018a	17.36	7.08	1014a	14.64	1011a	10.70	49.78	
	10	Inian Summer								
	10	914a	15.20	13.08	909a	14.24	905a	10.20	52.72	
	12	7a	15.20	7.80	7a	15.36	7a	10.50	48.86	" "
	13	1040a	15.20	14.40	1044a	15.04	1059a	10.70	55.34	
	14	1103a	14.56	10.08	1106a	14.64	1112a	10.20	49.48	
	15-16-17 General Storm 1.22"									
	20	1025a	7.12	6.72	1029a	9.28	1033a	4.09	27.21	
	24	948a	6.64	3.96	943a	9.60	938a	3.75	23.95	
	27	1007a	5.12	5.40	1001a	10.88	957a	4.09	25.49	
	29	1100a	4.72	5.40	1056a	2.96	1052a	3.92	19.00	
	31	1052a	4.72	29.40	1046a	1.92	1042a	2.93	38.97	
Nov.	1	1136a	7.68	25.80	1132a	1.92	1127a	2.93	38.33	
	3	1130a	0.5	26.40	1125a	1.-	1120a	1.-	28.9	
	6	1038a	2.24	27.00	1034a	1.-	1030a	1.16	31.40	
	8	1056a	6.40	29.40	1052a	0	1048a	1.16	36.96	
	11	10a	6.40	30.60	10a	1.92	10a	1.16	40.08	
	14	1040a	1.92	30.00	1034a	1.44	1030a	1.16	34.52	

CC To W.O.Facer, City Supt. Of Irrigation.

TEW

PROVO BENCH CANAL

1.25' x 14.3' Suppressed Weir, and B S O North Opening.

Date 1938	Time	Weir Cfs	N.O. Cfs	Total Cfs
Apl 2	Out for Cleaning			
8	In			
14	900a	9.44	00	9.44
19	250p	101.99	00	101.99
25	1028a	83.60	00	83.60
27	834a	74.80	00	74.80
29	925a	135.46	00	135.46
30	312p	142.85	00	142.85
May 1	Storm			
5	825a	78.19	00	78.19
7	1105a	63.00	00	63.00
9	830a	63.00	00	63.00
9	230p	118.00	00	118.00
10	835a	123.50	00	123.50
11	825a	122.00	00	122.00
11	340p	114.24	13.50	127.74
12	825a	111.97	13.50	125.47
13	843a	124.67	13.50	138.17
14	815a	116.52	13.50	130.02
15	940a	140.37	13.50	153.87
16	830a	147.86	16.20	164.06
17	Storm 1.16 inch.			
18	1000a	100.90	16.20	117.10
19	825a	96.0	00	96.00
21	1020a	124.80	00	124.80
22	1100a	108.60	00	108.60
23	240p	107.49	00	107.49
24	833a	130.62	9.00	139.62
25	1040a	147.86	13.50	161.36
26	1045a	155.50	13.50	169.00
26	210p	160.67	13.68	174.35
27	330p	167.23	13.50	180.73
28	930a	160.67	13.86	174.53
28	Sheep Corral Bare			
29	845a	165.91	13.86	179.77
30	1010a	168.56	13.86	182.42
June 1	950a	168.56	13.86	182.42
2	220p	168.56	13.86	182.42
4	915a	163.28	17.41	180.69
5	915a	163.28	17.41	180.69
5	Hottest June 5th since 1874			
7	845a	163.28	17.41	180.69
8	428p	160.67	17.41	178.08
9	300p	160.67	17.41	178.08
10	840a	163.28	17.41	180.69
11	900a	160.67	17.41	178.08
12	845a	160.67	17.41	178.08
13	830a	163.28	17.41	180.69
14	805a	167.23	17.41	184.64
15	835a	167.23	17.41	184.64
16	632a	119.99	14.22	114.21
17	635a	124.67	13.50	138.17
18	820a	125.85	13.50	139.35
19	530a	123.49	13.50	136.99
20	535a	122.32	13.50	135.82
June 21	540a	117.68	13.50	131.18
21	1040a	114.24	11.47	125.71
22	600a	114.24	11.70	125.94
23	800a	114.24	11.47	125.71
24	535a	111.97	11.70	123.67
25	533a	109.72	11.70	121.42
26	900a	111.97	11.47	123.44
27	600a	111.97	11.47	123.44
28	830a	111.97	11.25	123.22
29	830a	114.24	11.25	125.49 Storm
30	235p	118.83	12.33	131.16
July 1	800a	109.72	11.25	120.97
2	900a	109.72	11.25	120.97
3	900a	110.84	11.25	122.07
4	927a	114.24	11.25	125.49
5	900a	113.10	11.25	124.35
6	855a	114.24	11.24	125.49
6	212p	110.84	11.25	122.07
7	850a	110.84	11.25	122.07
8	630a	110.84	11.25	122.07
9	848a	110.84	11.25	122.07
10	830a	110.84	11.25	122.07
11	840a	110.84	11.25	122.07
12	855a	109.72	11.25	120.97
13	1100a	110.84	11.25	122.07
13	930p Cloudburst in canyon, Mud-slides block river.			
14	700p Water begins to flow over slide.			
15	900a	128.22	11.47	139.69
15	200p	108.60	11.25	119.85
16	830a	110.84	11.70	122.54
17	615a	105.28	11.47	116.75R
17	12m	111.97	11.47	123.44
18	615a	109.72	11.47	121.19
19	615a	107.49	11.25	118.74
20	600a	101.99	11.02	113.01
21	650a	97.68	10.53	108.21
21	1158a	106.38	11.25	117.63
22	632a	101.99	10.75	112.74
22	1030a	106.38	11.02	117.40
23	630a	103.08	10.53	113.61
23	Getting to Normal			
23	330p	98.74	10.30	109.04
24	630a	100.90	9.81	110.71
25	620a	100.90	9.81	110.71
26	617a	104.17	10.30	114.47
26	1040a	100.90	10.03	110.93
27	625a	103.08	10.30	113.38
28	620a	99.82	10.03	109.85
29	730p	101.99	10.30	112.29
30	600a	99.82	10.03	109.85
31	620a	99.82	10.03	109.85

(Continued on following page.)

C.R. 1938.

PROVO BENCH CANAL. -2-

Date 1938	Time	Weir Cfs	N.O. Cfs	Total Cfs
Aug 1	625a	96.60	10.03	106.63
2	1125a	100.90	10.03	110.93
3	625a	104.17	10.30	114.47
4	625a	99.82	10.03	109.85
4	First morning of settled river since slide.			
5	612a	99.82	10.03	109.85
6	620a	99.82	10.03	109.85
7	618a	94.48	10.03	104.51
8	620a	96.60	10.03	106.63
9	608a	104.17	10.03	114.20
9	Storm 0.29"			
10	623a	101.99	10.75	112.74
11	820a	100.90	10.53	111.43
12	750a	98.74	10.03	108.77
13	830a	99.82	10.30	110.12
14	830a	99.82	10.30	110.12
15	820a	99.74	10.03	109.77
16	800a	94.48	9.81	104.29
17	620a	90.29	9.54	99.83
17	430p	93.42	9.54	102.96
18	815a	92.37	9.54	101.91
18	345p	93.42	9.54	102.96
19	820a	92.37	9.54	101.91
20	620a	90.29	9.54	99.83
21	830a	90.29	9.54	99.83
22	820a	87.20	9.27	96.47
23	1045a	84.16	9.00	93.16
23	330p	84.16	9.00	93.16
24	825a	84.16	8.68	92.84
25	820a	90.29	9.00	99.29
26	830a	88.23	8.68	96.91
27	835a	86.18	8.68	94.86
28	830a	87.20	9.00	96.20
29	820a	87.20	9.00	96.20
30	850a	89.26	9.00	98.26
31	800a	99.82	9.27	109.09
31	Cleaning of moss to-day.			
31	411p	93.42	9.00	102.42
Sept 1	1030a	87.20	9.00	96.20
2	920a	96.60	9.00	105.60
2	Storm up river			
3	950a	94.48	9.27	103.75
4	915a	93.42	9.00	102.42
5	910a	90.29	9.00	99.29
5	500p	96.60	11.25	107.75
6	920a	91.33	9.27	100.60
7	825a	87.20	9.00	96.20
8	820a	89.26	9.27	98.53
8	Storm up river			
9	815a	92.37	9.27	101.64
10	830a	90.29	9.27	99.56
11	900a	96.60	9.27	105.87
12	915a	95.54	9.27	104.81
13	1020a	96.60	9.54	106.14
14	845a	91.33	9.54	100.87
15	455p	88.23	9.27	97.50
16	825a	84.16	9.00	93.16
17	848a	89.26	9.00	98.26

Date 1938	Time	Weir Cfs	N.O. Cfs	Total Cfs
Sept. 18	900a	86.18	9.00	95.18
18	555p	86.18	9.00	95.18
19	835a	84.16	9.00	93.16
20	945a	84.16	9.00	93.16
21	855a	83.15	8.68	91.83
22	845a	90.29	9.00	99.29
23	1020a	89.26	9.00	98.26
24	1030a	91.33	9.00	100.33
25	1110a	90.29	9.00	99.29
27	717a	88.23	9.00	97.23
28	955a	88.23	9.00	97.23
29	315p	88.23	9.00	97.23
30	1047a	88.23	9.00	97.23
Oct. 1	1212p	89.26	9.00	98.26
3	1032a	93.42	9.00	102.42
4	1110a	94.48	9.00	103.48
5	1112a	94.48	9.00	103.48
6	12m	91.33	9.00	100.33
7	1237p	95.54	9.00	104.54
8	1204p	100.90	10,53	111.43
9	1048a	101.99	10.30	112.29
10	1210p	106.38	10.53	116.91
11	1030a	106.38	10.30	116.68
12	1030a	106.38	10.53	116.91
13	945a	100.90	15.57	116.47
14	1045a	100.90	9.00	109.90
15, 16	General storm, reduced flow. Storm.			
19	1020a	23.76	00	23.76
20	950a	23.76	00	23.76
22	1050a	44.65	00	44.65
24	1042a	44.65	00	44.65
25	1030a	44.65	00	44.65
27	1244p	44.65	00	44.65
29	1250p	44.65	00	44.65
31	1254p	44.65	00	44.65
Nov. 1	1247p	44.65	00	44.65
3	1230p	44.65	00	44.65
6	1158a	44.65	00	44.65
8	1230p	28.82	00	28.82
12	1050a	17.-	00	17.-
14	1218p	17.-	00	17.-

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CC To P B C & I CO. % Ray V.Wentz. 11-17-38.

C.R.1938

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

	Date 1938	Time	W.Union Cfs	River Gage	Park& Nuttal Cfs	Barton & Young. Cfs	
April	19	313p	14.88				
	27	900a	18.36				
	29	946a	22.56				
	30	334p	20.28				
May	5	906a	18.84				
	7	955a	15.36				
	9	850a	14.88				
	10	855a	17.76				
	11	1050a	37.08	74			
	11	313p	34.44	72			
	12	910a	24.72	74	4.40	3.90	
	14	930a	31.92	-	-	-	Highwater begins.
	15	1022a	42.60				
	16	854a	57.60	-	-	-	Storm
	21	1046a	28.20				
	22	1128a	38.40				
	23	304p	39.84				
	24	904a	41.16				
	25	1121a	45.36				
	26	1129a	45.36				
	27	354p	42.60				
	28	1104a	42.60				
	30	1127a	42.60				
June	1	1056a	42.60				
	2	244p	42.60				
	4	949a	44.04				
	5	944a	44.04				
	7	924a	45.36				
	8	451p	44.04				
	9	338p	41.88				
	10	950a	42.60				
	11	1000a	42.60				
	12	1049a	34.44				
	13	906a	45.36				
	14	826a	42.60	96			
	15	240p	31.92	76	-	-	End Highwater
	16	616a	30.60	75			
	17	616a	35.76	74			
	18	853a	34.44	74			
	19	600a	34.44	74			
	20	604a	31.92	71	5.85	00	
	20	1030a	34.44	76			
	21	624a	34.44	74	00	00	
	21	1014a	31.92				
	22	624a	30.60	70	00	00	
	23	920a	30.60	77	00	00	
	24	604a	29.40	75			
	25	602a	30.60	75			
	26	1004a	29.40	76	5.85		
	27	628a	30.00	76	5.85	00	
	28	925a	30.60	78	00	00	
	29	915a	31.92	80	00	00	
	30	1244p	30.00	77			

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

Date 1938		Time	W.Union Cfs	River Gage	Park& Nuttal Cfs	Barton & Young Cfs	Remarks
July	1	844a	29.40	77			
	2	925a	30.00	76	5.70	00	
	3	928a	31.20	77	00	5.3	
	4	1012a	29.40	76			
	5	925a	30.00	76	5.6	00	
	6	912a	31.92	76	00	00	
	6	319p	31.92	76	00	00	
	7	918a	31.92	76	00	00	
	8	700a	31.92	77	00	00	
	9	722a	30.60	76	5.6	00	
	10	856a	30.60	77	5.95	00	
	11	920a	30.60	75	00	5.17	
	12	930a	30.60	76	5.5	00	
	13	1136a	30.00	77	5.33	00	
	13	930p	Cloudburst in Canyon, mudslides block river.				
	14	700p	Water begins to flow over slide.				
	15	218p	28.20	79			
	16	855a	30.60	78			
	17	650a	30.60	81			
	17	1230p	29.40	76			
	18	1225p	30.60	77	00		
	19	640a	27.00	77			
	20	625a	23.64	75			
	21	714a	24.12	72	4.73		
	22	652a	27.60	74	4.73	00	
	23	651a	28.80	75	00	00	
	23	357p	27.00	74	00	00	
	24	700a	27.60	77	00	00	
	25	645a	27.60	78	00	00	
	26	644a	28.80	80	00	00	
	27	654a	27.00	80	5.85	00	
	28	644a	27.60	79	00	4.56	
	29	635p	27.00	78			
	30	623a	26.40	73	4.73	00	
	31	646a	27.60	77	00	00	
Aug.	1	650a	27.00	77	00	00	
	2	1148a	26.40	76	00	00	
	3	646a	27.00	77	00	00	
	4	650a	26.40	77	00	00	
	5	635a	27.00	76	00	00	
	6	641a	26.40	75	4.73	00	
	7	640a	24.12	74	4.73	00	
	8	653a	25.80	75	00	00	
	9	631a	28.20	81	00	00	Storm 0.29"
	10	649a	28.20	77	00	00	
	11	850a	27.60	75	00	00	
	12	813a	27.60	74	00	00	
	13	855a	27.00	77	4.8	00	
	14	903a	27.60	78	00	4.45	
	15	845a	26.40	75	4.68	00	
	16	825a	24.72	74	4.5	00	
	17	647a	25.80	73	00	00	
	18	905a	25.80	75	00	00	
	19	847a	25.80	78	00	00	
	20	645a	24.72	75	00	00	
	21	900a	24.12	74	4.4	00	

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

	Date 1938	Time	W.Union Cfs	River Gage	Park & Nuttal Cfs	Barton & Young Cfs	Remarks
Aug.	22	918a	24.12	74	00	4.05	
	23	1108a	23.64	76	4.4	00	
	23	348p	23.04	76			
	24	856a	23.64	76	4.4	00	
	25	848a	24.72	77	00	00	
	26	853a	24.72	76	00	00	
	27	901a	24.12	75	00	00	
	28	908a	25.80	76	00	00	
	29	852a	23.64	76	24.25	00	
	30	915a	24.72	76	00	4.2	
	31	1205p	23.64	76			
Sept.	1	1055a	24.12	76	4.25	00	
	2	944a	25.80	77	00	00	Storm up river.
	3	1012a	25.32	76	00	00	
	4	938a	24.72	76	00	00	
	5	948a	24.72	73	00	00	
	6	945a	23.04	72	00	00	
	7	950a	23.64	75	4.9	00	
	8	848a	22.56	73	4.49	00	Cloudy. Storm in pm
	9	842a	23.04	74	4.25	00	
	10	856a	22.56	73			
	11	925a	25.80	77	00	00	
	12	943a	25.80	77	00	00	
	13	923a	27.00	79	00	00	
	14	918a	24.72	75	00	00	
	15	522p	24.12	73			
	16	854a	24.12	73	00	4.28	
	17	940a	23.04	72	4.49	00	
	18	616p	22.56	73			
	19	900a	23.64	73	00	00	
	20	1033a	23.64	73	00	00	
	21	933a	21.96	70	00	00	Looks like fall storm
	22	925a	25.80	73	00	00	
	23	1038a	22.56	71	4.49	00	
	24	1057a	23.64	69	00	4.28	
	25	1124a	21.36	69			
	27	700a	21.36R	70			
	28	1044a	23.64	71	00	00	
	29	230p	23.64	70	00	00	
	30	1030a	21.96	69	00	4.28	
Oct.	1	1132a	23.04	69	00	00	
	3	948a	21.36	69	4.49	00	
	4	1010a	23.64	68	4.49	00	
	5	1025a	23.64	67	4.49	00	
	6	1035a	23.64	67			
	7	1021a	24.72	69			
	8	1008a	27.00	65	4.49	00	
	9	1007a	11.40*	75			* Reduced by company to this quantity.
	10	1004a	13.92	76	-	-	Indian Summer.
	11	1046a	29.40	46			
	13	928a	6.36	79			
	14	1028a	6.36	78			
	16-17-18 General storm.						
	19	1049a	5.-				
	20	1100a	6.72				
	22	1108a	6.36				
	24	1007a	6.36				

C.R. 1938

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

	Date 1938	Time	W.Union Cfs	River Gage	Park & Nuttal Cfs	Barton & Young Cfs	Remarks.
Oct.	25	1046a	6.36				
	27	1021a	6.36				
	29	1114a	6.36				
	31	1125a	6.36				
Nov.	1	1210p	6.36				
	3	12m	7.08				
	6	1058a	6.36				
	8	1118a	6.36				
	12	1107a	6.36				
	14	1102a	6.36				

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CC To J.O.Stone, Pres.

TFW

C,R:1938.

TIMPANOGUS CANAL COMPANY CANAL

Date 1938		Time	Cfs
Apl	19	305p	4.-
	25	958a	11.76
	27	851a	17.42
	29	942a	15.74
May	5	900a	9.02
	9	1020a	11.76
	10	850a	10.50
	11	317p	14.80
	12	850a	15.57
	13	902a	13.50
	14	1100a	12.69
	14	Highwater begins.	
	15	1018a	15.57
	16	850a	16.88
	17	Storm 1.16"	
	18	1018a	10.98
	21	1038a	7.74
	22	1119a	7.74
	23	259p	14.94
	24	900a	13.50
	25	1110a	15.56
	26	1125a	17.37
	27	350p	19.62
	28	1100a	20.07
	30	1122a	17.38
June	1	1052a	18.00
	2	240p	20.07
	4	945a	21.06
	5	940a	20.07
	7	915a	19.62
	8	456p	18.00
	9	328p	20.06
	10	940a	20.60
	11	1205p	21.06
	12	1004a	20.60
	13	1000a	21.06
	14	830a	20.60
	15	856a	19.62
	16	554a	18.00
	17	620a	18.00
	18	839a	17.36
	19	552a	15.57
	20	600a	18.54
	21	620a	14.70
	21	1010a	15.60
	22	619a	15.30
	24	554a	15.84
	25	554a	16.98
	26	958a	15.30
	27	635a	14.70
	28	910a	14.70
	29	910a	14.70
	30	1248p	15.84
July	1	833a	15.30
	2	916a	15.00
	3	920a	15.00
	4	955a	15.30
	5	1927a	14.70
	6	907a	15.30
	6	Storm	
	6	312p	15.00

1938 Date		Time	Cfs
July	7	910a	15.00
	8	649a	15.00
	9	730a	14.70
	10	848a	14.70
	11	902a	14.34
	12	656a	14.34
	13	1127a	14.70
	13	930 Cloudburst in canyon,mudslides block river.	
	14	700p Water begins to flow over slide.	
	16	848a	15.30
	17	658a	14.94
	18	1235p	14.22
	19	629a	14.22
	20	631a	18.00
	21	722a	18.00
	22	702a	18.00
	23	656a	17.37
	23	Getting to normal.	
	24	704a	14.34
	25	651a	12.36
	26	639a	13.38
	27	646a	13.08
	28	636a	14.04
	29	639p	14.04
	30	615a	13.74
	31	637a	13.74
Aug.	1	641a	13.74
	2	1140a	15.00
	3	656a	14.70
	4	657a	13.74
	5	627a	13.38
	6	635a	13.38
	7	632a	13.38
	8	643a	12.72
	9	624a	12.72
	10	638a	12.72
	11	842a	12.72
	12	821a	13.08
	13	900a	13.08
	14	925a	13.38
	15	857a	12.72
	16	833a	12.72
	17	636a	12.72
	18	855a	12.72
	19	837a	12.72
	20	637a	12.72
	21	909a	12.72
	22	854a	12.72
	23	1100a	11.22
	23	346p	11.22
	24	847a	11.58
	25	840a	11.58
	26	849a	11.58
	27	853a	11.22
	28	859a	11.22
	29	840a	11.22
	30	909a	11.22
	31	1154a	11.58

Date 1938		Time	Cfs
Sept.	1	1047a	12.36
	2	936a	12.72
	3	1003a	12.72
	4	929a	12.72
	5	940a	12.72
	6	937a	12.36
	7	941a	12.36
	8	838a	12.36
	9	834a	12.72
	10	846a	12.72
	11	915a	12.36
	12	947a	12.36
	13	919a	12.72
	14	905a	12.72
	15	512p	12.72
	16	845a	12.36
	17	902a	12.36
	19	851a	12.36
	20	1025a	12.72
	21	925a	12.72
	22	917a	12.72
	23	1051a	12.72
	24	1048a	12.72
	25	1132a	12.72
	27	706a	12.36
	28	1033a	12.72
	29	238p	12.72
	30	1004a	12.36
Oct.	1	1137a	12.36
	3	1006a	12.72
	4	1018a	12.72
	5	1034a	12.36
	6	1043a	12.72
	7	1029a	12.72
	8	1016a	12.72
	9	1155a	12.72
	11	1118a	12.72
	13	904a	12.36
	14	1020a	12.36
	16-17-18	General Storm	
	19	1058a	6.72
	20	1104a	7.32
	24	1016a	6.72
	27	1029a	6.72
	29	1122a	3.-
	31	1134a	4.50
Nov.	1	1220p	5.-
	3	1208p	5.-
	6	1108a	5.-
	8	1128a	5.-
	12	1115a	5.-
	14	1110a	5.-

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CC To Alfred R.Chipman
Secretary.

TFW

C.R.1938.

UPPER EAST UNION CANAL AND CITY CREEK.

Date 1938	Time	U.E.Union Cfs	City Creek Cfs
Apl 19	309p	3.35	7.80
25	950a	9.67	21.50
27	856a	10.61	8.40
29	950a	17.55	14.00
30	340p	23.24	12.80
May 5	911a	14.66	7.80
7	950a	13.88	5.30
9	856a	13.18	4.50
10	901a	10.30	2.00
11	Repairing old dam, began work on new diversion.		
12	914a	7.64	4.80
14	Highwater begins		
14	936a	24.57	21.10
15	1030a	25.42	25.50
16	858a	27.22	25.50
17	Storm 1.16 inch.		
21	1042a	11.93	7.20
22	1123a	10.61	6.20
23	312p	19.89	13.60
24	908a	19.11	13.20
25	1125a	20.75	15.30
26	1134a	23.24	16.10
27	319p	26.75	29.30
28	1112a	24.10	26.60
28	Sheep Corral Bare		
30	1131a	22.85	33.20
June 1	1100a	25.90	30.40
2	250p	25.42	30.90
4	953a	25.42	29.80
5	949a	25.42	29.30
	Hot 92° Hottest June 5th since 1874.		
7	928a	27.22	25.50
8	447p	25.42	21.10
9	342p	23.71	17.80
10	946a	20.28	14.00
11	210p	25.42	19.20
14	1225p	23.71	19.20
16	600a	26.29	24.00
17	600a	27.22	29.30
18	849a	23.71	22.00
19	556a	22.00	17.80
20	608a	20.28	14.40
21	629a	15.37	9.10
22	628a	16.77	14.40
22	1230p	15.68	13.20
23	915a	15.68	12.80
24	608a	15.68	12.00
25	606a	15.68	12.40
26	1010a	15.68	12.00
27	624a	16.07	11.60
28	914a	15.68	11.60
29	919a	15.68	11.30
30	1240p	19.11	19.70

Date 1938	Time	U.E.Union Cfs	City Creek cfs
July 1	837a	16.77	14.80
2	920a	16.07	14.00
3	924a	16.07	12.80
4	1006a	16.07	13.20
5	931a	15.37	10.90
6	917a	15.68	12.40
6	323p	15.68	12.00
7	914a	15.68	11.60
8	654a	16.07	11.60
9	718a	15.68	11.30
10	852a	15.68	11.60
11	914a	15.68	11.30
12	925a	15.68	10.90
13	1141a	15.68	10.90
13	930p	Cloudburst in canyon, mudslides block river.	
14	700p	Water begins to flow over slide.	
15	223p	15.68	12.80
16	859a	15.68	10.50
17	645a	14.98	9.10
18	1230p	18.72	13.20
19	634a	16.46	11.60
20	621a	15.68	12.00
21	710a	15.68	11.30
22	656a	15.37	12.80
23	645a	15.37	11.30
23	Getting to normal.		
23	352p	14.66	10.50
24	652a	14.66	10.20
25	639a	14.27	9.50
26	648a	14.27	9.50
27	650a	14.27	9.50
28	640a	14.27	9.50
29	628p	14.27	9.80
30	619a	14.27	9.50
31	641a	14.66	9.10
Aug. 1	645a	14.27	9.10
2	1144a	13.88	9.10
3	650a	14.27	9.10
4	646a	13.88	9.10
5	631a	14.27	9.10
6	652a	14.27	9.10
7	636a	13.88	8.80
8	647a	13.88	8.80
9	627a	14.66	9.10
10	644a	13.88	9.10
11	846a	14.27	9.10
12	817a	14.27	9.10
13	850a	13.88	9.10
14	858a	14.27	9.10
15	840a	13.57	8.40
16	819a	13.18	8.40
17	643a	12.56	7.80
18	859a	12.56	7.80
18	505p	12.87	8.10
19	842a	12.87	8.10

UPPER EAST UNION CANAL AND CITY CREEK

Date 1938	Time	U.E.Union Cfs	City Creek Cfs
Aug. 20	641a	12.56	7.50
21	851a	12.56	7.50
22	858a	12.56	7.50
23	1104a	12.56	7.20
23	350p	12.25	7.20
24	852a	12.56	7.50
25	844a	12.25	7.20
26	858a	12.87	7.80
27	857a	12.56	7.50
28	904a	12.56	7.50
29	844a	12.56	7.50
30	913a	12.56	7.50
31	1159a	13.18	7.80
Sept 1	1051a	12.56	7.80
2	940a	12.87	7.80
3	1007a	12.87	7.80
4	934a	12.87	7.80
5	944a	12.56	7.80
6	941a	12.56	7.80
7	945a	12.56	7.80
8	842a	12.56	7.80
9	838a	12.56	7.80
10	850a	12.56	7.80
11	919a	13.18	8.10
12	938a	12.87	7.80
13	932a	13.88	8.40
14	914a	12.87	8.10
15	516p	12.87	8.10
16	849a	12.56	7.80
17	906a	12.87	7.80
18	612p	12.87	7.80
19	906a	12.87	8.10
20	1029a	12.56	7.80
21	929a	12.87	7.80
22	921a	12.87	8.10
23	1045a	12.87	7.80
24	1052a	12.87	8.10
25	1128a	12.87	7.80
27	656a	12.87	7.80
28	1040a	12.56	7.80
29	234p	12.56	8.10
30	1024a	12.56	7.80
Oct. 1	1141a	12.56	7.80
3	952a	12.56	7.80
4	1014a	12.87	8.10
5	1029a	12.87	8.10
6	1039a	12.87	8.10
7	1025a	13.18	8.10
8	1012a	13.88	8.80
9	1103a	13.88	8.80
10	1008a	13.88	8.80
10	Indian Summer		
11	1114a	13.88	8.10
13	910a	13.88	8.10
14	1024a	9.05	16.90

Date 1938	Time	U.E.Union Cfs	City Creek Cfs
Oct. 15-16-17-18	General storm:		
19	1053a	7.96	10.61
20	1055a	7.96	13.60
22	1112a	8.19	13.60
24	1012a	8.19	13.60
25	1050a	8.19	13.60
27	1025a	7.96	14.40
29	1118a	7.96	14.40
31	1129a	7.96	14.40
Nov. 1	1214p	8.19	16.90
3	1204p	7.96	15.70
6	1104a	7.96	15.70
8	1122a	7.64	15.70
12	1111a	7.96	15.70
14	1106a	7.96	15.70

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CC To Thomas Ashton, Pres. UE Union

TFW

C.R. k938

LAKE BOTTOM CANAL:

	Date 1938	Time	Cfs.
Apl	27	325p	1.5-
May	4	245p	9.35
	9	931a	7.05
	10	936a	7.05
	12	1040a	8.65
	15	1116a	14.00
	16	923a	9.87
	17	Storm 1.16"	
	23	346p	6.50
	24	948a	x7.00
	26	1210p	7.00
	28	1148a	10.50
	28	Sheep Corral Bare.	
June	1	1131a	12.11
	4	1025a	11.06
	5	1033a	14.00
	7	1005a	12.11
	9	415p	15.26
	10	1155a	13.51
	12	1128a	13.51
	13	1136a	12.60
	15	314p	16.38
	16	1110a	13.09
	18	935a	12.11
	20	1135a	10.50
	21	710a	17.50
	22	707a	11.62
	23	1150a	13.09
	24	643a	12.60
	25	840a	11.06
	26	1050a	11.06
	28	1005a	10.80
	30	320p	13.74
July	1	919a	12.00
	2	1000a	12.72
	4	225p	12.00
	6	945a	13.74
	7	1049a	13.38
	9	937a	12.72
	11	1000a	12.36
	13	1216p	10.38
	16	329p	12.36
	18	333p	11.22
	19	1050a	8.46
	21	1100a	9.96
	22	1138a	12.36
	23	1130a	12.00
	24	1112a	12.00
	25	1218p	12.00
	26	740a	10.80
	27	1019a	11.22
	30	700a	9.96
	31	944a	12.00

	Date 1938	Time	Cfs.
Aug.	1	-	12.36
	2	1221p	10.38
	3	830a	12.72
	4	921a	12.00
	5	716a	9.00
	6	906a	9.96
	8	857a	7.92
	9	1220p	11.22
	10	901a	10.80
	11	931a	12.00
	12	1135a	12.00
	13	1152a	9.48
	14	1023a	12.00
	15	948a	10.80
	17	940a	10.80
	18	945a	7.92
	19	1000a	8.46
	21	936a	8.46
	22	953a	9.48
	23	1139a	7.32
	24	1110a	12.00
	26	935a	9.00
	28	950a	9.96
	30	1008a	10.38
Sept.	1	1130a	12.36
	3	1050a	11.70
	5	1030a	7.50
	7	943a	12.25
	9	925a	10.60
	12	1025a	10.90
	14	948a	14.15
	17	1025a	8.65
	19	1005a	9.00
	21	1023a	7.05
	24	1145a	9.00
	28	1140a	7.50
Oct.	1	1048a	10.00
	4	926a	3.-
		Thru for season.	
	21	200p	00
	29	1010a	00

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SPRING CREEK USERS.

Note: Adjusted to award during season.

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TANNER DRAIN

Date 1938	Cfs.	Obsr.
6-12	7.28	Tanner
7-11	4.78	"
8-6	3.50	"
8-9	4.77	Wentz

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C.R. 1938.

LITTLE DRY CREEK CANAL:

Date 1938	Time	Cfs.
April 27	305p	00
May 4	255p	5.80
9	939a	1.-
10	943a	0.25-
12	1044a	00
23	402p	7.22
24	955a	7.22
25	1152a	
26	1216p	8.92
28	12m	8.92
June 1	1140a	9,28
4	1033a	9.28
5	1049a	10.20
7	1014a	10.20
9	422p	8.40
10	1203p	11.30
12	1136a	7.22
13	1147a	8.06
15	320p	10.70
16	1125a	8.06
17	315p	10.40
18	944a	9.64
20	640a	9.28
21	716a	8.23
22	712a	6.73
23	1202p	7.89
24	650a	8.75
25	639a	8.75
26	1059a	8.57
28	1014a	8.40
30	326p	7.89
July 1	925a	8.57
2	1007a	8.57
4	237p	8.40
5	1058a	8.23
6	950a	8.57
6	356p	8.23
7	1040a	8.06
8	--	8.06
9	944a	7.38
10	945a	7.55
11	1007a	7.38
12	1000a	7.55
13	1221p	7.72
16	337p	8.75
18	325p	6.73
19	1042a	7.72
21	1046a	6.90
22	1151a	7.72
23	1116a	7.22
24	1125a	7.06
25	1211p	7.22
26	746a	7.72
27	1010a	7.22
30	707a	7.22
31	951a	7.06

Date 1938	Time	Cfs
Aug. 1	710a	7.22
2	1228p	6.57
3	840a	6.90
4	911a	6.73
5	721a	6.73
6	855a	6.57
7	714a	5.95
8	905a	6.57
9	700a	7.89
10	907a	7.89
11	941a	6.90
12	1126a	6.90
13	1144a	6.73
14	1015a	6.57
15	944a	6.42
17	720a	5.95
18	952a	6.26
19	1007a	6.26
20	720a	5.95
21	1001a	5.95
22	947a	4.90
23	1130a	5.49
24	1052a	5.20
25	937a	5.34
26	944a	5.64
27	942a	5.64
28	959a	5.95
29	1120a	5.95
30	1017a	6.10
31	318p	5.49
Sept. 1	1142a	5.95
2	1012a	6.57
3	1102a	6.73
4	1012a	6.26
5	1035a	5.80
6	1029a	5.49
7	951a	5.64
8	1137a	5.64
9	933a	5.95
10	12m	6.42
11	559a	6.10
12	1032a	6.57
13	1107a	6.73
14	954a	5.95
16	930a	5.64
17	1036a	5.20
19	1014a	7.89
20	1111a	6.26
21	1030a	5.80
23	1125a	6.42
24	1154a	5.34
27	830a	5.95
28	1146a	5.95
29	200p	5.95
30	1120a	5.95

Date 1938	Time	Cfs
Oct. 1	1040a	5.95
3	919a	6.57
4	922a	15.37
5	954a	6.90
6	1002a	5.64
7	946a	5.34
8	937a	4.76
9	950a	5.64
10	931a	5.80
13	1053a	5.64
14	1119a	5.34
15-16-17-18	Storm	
20	1039a	0.25-
24	930a	0.25
29	1045a	3.80
31	1015a	0.50
Nov. 1	1120a	0.25

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CC TO J.A.Brown
Sect'y

TFW.

C.R. 1938

FORT FIELD UPPER CANAL.

	Date 1938	Time	Cfs
Apl	27	315p	0.5-
May	4	309p	0.5-
	9	952a	0.25-
	10	958a	0.25
	12	1105a	00
	24	1006a	0.10
	26	1230p	0.75
	28	1215p	0.25
June	1	1150a	0.25
	4	1050a	2.20
	7	1025a	0.25
	9	433p	0.90
	10	1215p	0.10
	12	1148a	0.10
	13	12m	00
	15	335p	0.10
	16	1140a	3.00
	17	330p	3.60
	18	1000a	3.5
	20	1150a	3.2
	22	500p	2.25
	24	701a	3.3
	25	908a	4.3
	26	1111a	3.7
	28	1025a	3.7
July	2	1017a	4.3
	6	1000a	2.9
	7	1106a	2.9
	9	958a	3.52
	11	1017a	3.4
	13	1234p	3.5
	16	350p	4.3
	18	347p	3.3
	21	1117a	2.1
	23	1055a	2.5
	24	1141a	2.6
	27	950a	3.6
	31	1008a	2.5
Aug.	2	1240p	2.6
	6	840a	2.9
	8	917a	2.12
	12	1110a	2.55
	13	1130a	2.1
	14	1034a	2.1
	15	1008a	2.1
	16	953a	2.1
	18	1014a	2.0
	19	1025a	1.9
	24	1126a	2.4
	26	955a	2.55
	28	1012a	3.3
	29	1050a	3.95
	30	1030a	4.0
	31	300p	3.5

	Date 1938	Time	Cfd
Sept	1	1152a	3.3
	2	1022a	3.5
	3	1120a	4.0
	4	1024a	3.4
	5	1048a	3.0
	6	1048a	3.4
	7	1004a	2.9
	8	1120a	2.6
	10	1145a	3.3
	11	-	3.3
	12	1045a	2.8
	13	1118a	3.3
	14	1005a	2.9
	17	1048a	2.7
	19	1030a	3.6
	20	1123a	2.9
	21	1040a	2.8
	23	1135a	2.9
	24	1207p	2.3
	27	300p	2.4
	28	1156a	2.4
	29	145p	0.85
	30	1130a	0.85
Oct.	1	1025a	1.8
	3	905a	2.7
	4	905a	3.1
	5	905a	2.8
	6	948a	2.8
	7	930a	3.5
	8	920a	0.85
	9	935a	0.9
	10	942a	0.9
	14	1128a	0.9
	21	215p	00
	29	1030a	00
	31	1026a	0.1

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WASATCH CANAL, NORTH FILED CANAL, TIMPANOGUS IRRIGATION COMPANY CANAL, AND MIDWAY RIVER DITCH.

Date 1938		Time	Wasatch Cfs	N.Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Midway RD. Time	Midway RD. Cfs	
Apl	15		IN	IN					
	20	-	-	-	IN				
	22	12m	47.9	38.25					
	23	1030a	57.6	42.9	930a	30.6			
	28	1215p	96.3	78.3	12m	39.85	1225p	41.7	
May	1	830a	117.0	94.8	845a	44.0	815a	46.1	
	2	935a	96.3	74.4	945a	34.4			
	6	1010a	66.0	52.65	955a	51.4	945a	33.3	Storm
	8	850a	68.0	45.3	915a	44.0			
	10	615p	72.5	57.75	600p	56.0			
	11	-	-	-	-	-	820a	30.25	
	12	150p	96.3	84.3	200p	67.5	245p	41.7	
	13	900a	114.3	119.4	915a	64.2	935a	52.0	
	15	220p	103.9	137.65	235p	66.0	155p	53.80	
	18	955a	111.8	88.5	1015a	59.8			
	20	405p	109.0	84.3	445p	49.9	455p	34.2	
	22	900a	103.9	80.25	915a	48.4	930a	31.28	
	24	1045a	122.4	84.3	1055a	60.8	1105a	41.7	
	27	935a	133.6	110.25	945a	65.9	925a	43.9	
	29	955a	128.0	101.25	1005a	60.8	910a	36.3	
	31	825a	117.0	80.25	845a	60.8	910a	63.2	
June	2	900a	111.8	92.7	910a	65.9	830a	64.5	
	3	12m	128.0	110.25	1215p	65.9	1015a	63.2	
	4	855a	130.3	110.25	915a	65.9	840a	63.2	
	5	155p	117.0	92.7	210p	60.8	145p	39.4	
	6	1030a	122.4	99.15	1100a	65.9	1005a	39.4	
	7	1045a	109.1	84.3	1055a	67.5	1000a	44.5	
	8	1150a	114.3	88.5	1200m	67.5	1115a	44.5	
	9	920a	111.8	86.4	845a	69.2	930a	41.1	
	10	1105a	103.8	82.35	1110a	67.5	-	41.5	
	11	845a	114.3	90.6	900a	70.9	835a	39.7	
	12	900a	106.4	86.4	910a	69.6	940a	35.2	
	13	1000a	101.4	84.3	1020a	65.9	930a	32.2	
	14	825a	98.8	82.35	835a	70.90	805a	36.0	
	15	750a	130.7	126.6	800a	70.9	815a	25.3	
	16	750a	130.7	124.2	800a	74.5	740a	36.0	
	17	840a	128.0	126.6	955a	74.5	825a	36.7	
	18	115p	125.30	124.2	130p	70.9	810a	34.45	
	19	930a	125.3	119.4	1000a	69.2	905a	34.45	
	20	530a	114.3	96.9	520a	67.5	1040a	36.0	
	21	715a	103.9	88.5	725a	70.9	705a	32.2	
	22	550a	91.3	76.3	540a	64.2	600a	35.2	
	23	525a	60.6	52.65	510a	57.6	5050a	40.5	
	24	520a	61.8	45.3	500a	56.9	525a	42.1	
	25	355a	74.9	56.1	530a	44.0	330a	27.7	
	26	500a	71.5	54.3	510a	43.3	445a	33.0	
	27	455a	68.1	47.7	505a	34.4	430a	28.5	
	28	435a	79.4	54.3	445a	35.8	425a	27.7	
	29	455a	93.8	46.0	600a	35.8	435a	31.4	
	30	440a	72.6	39.9	450a	44.0	430a	30.6	

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

Date 1938		Time	Wasatch Cfs	N.Fd. Cfs	Timpanogus Time	Timpanogus Cfs.	Midway RD. Time	Midway RD. Cfs.	
July	1	505a	79.4	46.0	515a	44.0	500a	28.5	
	2	445a	77.0	44.5	455a	34.4	435a	29.2	
	3	530a	72.5	39.9	540a	31.9	520a	26.9	
	4	500a	74.9	36.9	505a	31.9	430a	16.0	
	5	445a	72.5	34.0	455a	31.9	430a	15.70	
	6	450a	74.9	32.5	455a	27.0	440a	15.3	
	7	455a	73.8	34.0	505a	27.0	445a	15.35	
	8	455a	61.7	27.3	500a	27.0	445a	13.20	
	9	500a	72.60	29.85	510a	27.0	450a	15.05	
	10	535a	72.6	31.2	540a	27.0	525a	16.0	
	11	455a	69.3	30.45	500a	27.0	445a	15.05	
	12	510a	72.6	31.2	515a	27.0	500a	15.0	
	13	520a	70.3	24.0	530a	27.0	510a	14.25	
	14	530a	77.0	27.3	540a	27.0	520a	15.35	
	15	520a	66.0	31.2	525a	28.2	510a	16.75	
	16	525a	59.8	27.3	535a	27.0	515a	15.35	
	17	525a	57.6	25.95	530a	27.0	515a	14.8	
	18	520a	51.7	19.8	530a	30.6	510a	13.5	
	19	535a	57.6	22.2	840a	30.0	525a	12.9	
	20	535a	61.8	22.6	545a	30.6	525a	13.5	
	21	525a	48.8	18.75	535a	34.4	515a	13.85	
	22	535a	57.60	22.2	540a	28.2	525a	14.8	
	23	545a	62.8	23.4	550a	28.2	535a	14.25	
	24	555a	53.6	16.5	600a	27.0	540a	12.8	
	25	515a	48.8	8.85	550a	27.0	500a	11.5	
	26	545a	47.9	11.55	555a	27.0	525a	11.5	
	27	545a	55.6	12.45	555a	27.0	535a	10.9	
	28	525a	59.8	14.4	535a	27.0	515a	14.25	
	29	535a	56.7	16.5	540a	27.0	530a	13.5	
	30	530a	52.7	14.4	535a	27.0	520a	12.9	
	31	555a	49.7	16.8	605a	27.0	545a	12.25	
Aug.	1	535a	43.2	12.9	545a	27.0	525a	11.8	
	2	-	40.5	12.45	-	27.0	-	12.2	
	3	555a	42.3	11.1	600a	27.0	540a	11.8	
	4	610a	39.6	9.6	620a	27.0	600a	11.8	
	5	615a	36.2	8.25	620a	27.0	555a	11.5	
	6	535a	32.0	6.75	555a	24.1*	525a	11.5	* Off 600a
	7	620a	38.7	9.6	-	-	610a	12.2	
	8	600a	37.1	9.6	-	-	550a	11.8	
	9	615a	55.6	15.45	-	-	605a	14.25	Rain
	10	615a	59.8	17.55	-	-	600a	12.9	
	11	625a	55.6	17.6	-	-	610a	12.9	
	12	625a	51.7	16.5	-	-	615a	12.9	
	13	625a	35.5	22.2	-	-	610a	12.9	
	14	645a	29.0	18.75	-	-	630a	13.5	
	15	625a	27.5	17.55	-	-	615a	12.9	
	16	625a	27.5	17.55	-	-	615a	12.9	
	17	650a	26.6	16.95	-	-	640a	13.2	
	18	635a	27.6	16.95	-	-	625a	12.25	
	19	645a	24.5	15.45	-	-	635a	13.5	
	20	645a	23.8	14.85	-	-	725a	7.3	
	21	745a	22.3	14.85	-	-	730a	11.9	
	22	630a	18.9	12.45	-	-	615a	11.9	
	23	635a	15.1	9.6	-	-	625a	11.9	
	24	625a	12.25	8.85	-	-	615a	11.9	
	25	650a	16.4	10.6	-	-	640a	12.9	
	26	700a	25.9	16.5	-	-	630a	12.9	
	27	710a	32.1	22.2	-	-	700a	11.5	
	28	630a	32.10	21.00	-	-	620a	13.5	
	29	645a	38.7	22.2	-	-	630a	13.2	
	30	655a	40.50	25.95	-	-	645a	13.85	
	31	700a	40.5	27.3	-	-	630a	14.25	

C.R.1938.

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

Date 1938	Time	Wasatch Cfs	N.Fd. Cfs	Midway RD. Time	Cfs.	
Sept.1	640a	41.4	27.3	630a	14.25	
2	700a	41.4	27.3	645a	14.25	
3	700a	49.7	32.55	645a	14.8	
4	710a	45.9	29.85	700a	14.5	
5	655a	41.4	26.55	645a	14.5	
6	640a	38.0	25.2	630a	14.25	
7	640a	36.2	23.4	635a	14.5	
8	635a	36.2	22.6	625a	14.25	
9	425p	33.85	22.2	415p	13.85	
10	640a	33.85	22.2	630a	13.5	
11	640a	30.4	19.8	630a	13.5	
12	640a	32.05	21.6	630a	14.25	
13	630a	35.5	23.4	620a	14.8	
14	655a	29.0	19.8	645a	13.85	
15	700a	29.0	19.8	645a	13.85	
16	645a	27.6	18.75	635a	13.2	
17	640a	25.9	18.15	630a	14.25	
18	650a	27.6	18.75	640a	13.2	
19	640a	25.9	17.55	630a	13.5	
20	710a	22.3	15.9	700a	13.5	
21	700a	33.00	21.6	645a	9.6	
24	640a	24.5	16.5	630a	13.85	
29	645a	21.6	13.35	635a	11.5	
Oct 2	1020a	20.4	13.35	1000a	11.5	
8	1100a	23.00	15.9	1035a	13.5	
16	1155a	42.30	15.90	1145a	2.6	Timpanogus 5.2 cfs
19	-	14.04	11.55			

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CC To I.F.Baum,
T.W.Moulton
H.C.Clegg.

C.R.1938

TOTAL RIVER WASATCH DAM

SECOND FEET

Morning Observations:-

Date 1938	MAY	JUNE	JULY	AUGUST	SEPT	OCTOBER
1	-	1160	305	126	121	-
2	-	1160	289	130	121	51
3	-	1200	267	126	124	-
4	-	1160	260	123	116	-
5	-	1060	270	119	108	-
6	-	1080	250	100	103	-
7	-	1060	245	96	101	-
8	-	790	211	94	99	64
9	-	770	208	136	97	-
10	-	700	204	130	94	-
1	-	650	188	122	91	-
2	-	550	194	115	96	-
3	-	470	204	103	104	-
4	-	-	221	99	90	-
5	890	-	242	94	90	-
6	-	-	221	94	84	84
7	1270	-	215	95	87	-
8	960	439	180	92	81	-
9	840	-	169	83	84	-
20	-	400	177	81	76	-
1	-	357	176	77	70	-
2	-	345	193	71	-	-
3	-	328	204	64	-	-
4	-	297	188	63	61	-
5	910	319	192	78	-	-
6	1040	297	188	97	-	-
7	1290	275	206	87	-	-
8	1270	281	181	110	-	-
9	1300	343	170	110	52	-
30	1110	303	149	114	-	-
1	1150	---	132	120	-	-

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CC To I.F.Baum.

C.R. 1938.

NATURAL RIVER WASATCH DAM

SECOND FEET.

CALCULATED, TOTAL LESS STORAGE AT FOUR PERCENT TRANSMISSION LOSS, AND TUNNEL AND WEBER RIVER WATERS.

Morning Observations:-

Date 1938	MAY	JUNE	JULY	AUGUST	SEPT	OCTOBER
1	-	1140	131	28	75	-
2	-	1140	115	32	84	35
3	-	1180	97	28	87	-
4	-	1140	92	25	79	-
5	-	1040	99	21	71	-
6	-	1060	86	29	66	-
7	-	1040	90	26	64	-
8	-	770	84	24	62	47
9	-	755	87	65	60	-
10	-	680	97	59	57	-
1	-	630	76	51	54	-
2	-	530	68	44	59	-
3	-	455	57	57	67	-
4	-	-	72	53	53	-
5	870	-	87	48	53	-
6	-	-	65	48	47	68
7	1250	-	61	54	50	-
8	940	320	69	41	44	-
9	820	-	66	42	47	-
20	-	284	54	40	39	-
1	-	336	54	36	54	-
2	-	236	61	30	45	-
3	-	214	41	23	36	-
4	-	180	25	22	45	-
5	890	206	32	37	-	-
6	1020	154	29	56	-	-
7	1270	128	73	46	-	-
8	1250	113	55	69	-	-
9	1280	167	53	69	36	-
30	1090	126	50	68	-	-
1	1130	---	34	74	--	-

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CC To, I.F.Baum
T.W.Moulton.

C.R.1938

ONTARIO TUNNEL 1938.

Measurements at Hailstone Bridge Weir:

	Date 1938	Cfs	Mean
May	15	19.3	
	27	20.3	
			19.8
June	5	18.4	
	8	15.3	
	11	17.8	
	17	16.85	
	27	14.40	
			16.5
July	5	16.85	
	18	15.40	
	26	15.84	
			16.0
Aug	3	16.32	
	11	16.32	
	18	16.32	
	23	15.84	
			16.2
Sept	5	16.8	
			16.8
AVERAGE			17.0

Mean flow of Ontario Tunnel waters May, June, July, August and September, 1938,-- 17.0 cfs at Weir under bridge at Hailstone, plus 1.00 cfs delivered to George Fisher is a total of 18.0 cfs., delivered as follows:-

Midway Irrigation Co. in own right	5.50 cfs
Daly Mining Co. leased to George Fisher	1.00 "
Daly Mining Co. leased to Midway Irrigation Co . . .	5.25 "
Utah Power & Light Co., in own right, used thru Olmstead Plant for power and thereafter under lease by Provo Reservoir Co. for irrigation	6.25 "
Total	18.00

CC To
Utah Power & Light Co. % E.G.Thorum.
Daly Mining Co. % P.H.Hunt
Midway Irrigation Co. % Grace Sonderegger
Provo Reservoir Co.

TFW-11-10-38

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C.R. 1938

SNAKE CREEK.

Date 1938	Ditch	Time	GH.	Cfs.	
June 21	West Bench	935a	61	8.95	
	Huber	1040a	-	1.20	
	Provbst	1100a	59	4.06	
	Mound	1110a	-	2.90	
	Snake Creek At Ford	12m		13.50	
	Scotch	115p		1.76	
	Wilson	1230p	-	1.00	
Total				33.37	
Aug. 8	Probst	940a		00	
	West Bench	950a	48	6.15	
	Huber	1010a	45	1.66	(1.66)
	Mound	1035a		2.55	
	Snake Creek at Ford	1130a		14.90	
	Scotch &Wilson	1145a		4.85	
Total				30.11	
Sept. 22	Mound	920a	-	1.20	
	West Bench	930a	40	4.85	
	Huber ~~1010a~~	1010a	-	1.07	
	Probst	1020a	34	1.76	
	Snake Creek at Ford	1045a	-	10.94	
	Scotch	1055a	-	1.00	
	Wilson	1115a	-	2.03	
Total				22.85	

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C.R. 1938.

PROVO RIVER
BY MIDWAY LOWER DAM

Date 1938		Time	GHt.	Cfs.
May	8	-	158	
	11	1110a	142	
	18	145p	180	
	22	1000a	200	
	26	925a	278	
	29	920a	312	
June	3	9-10a	284	
	5	-	282	
	8	1100a	240	
	10	1010a	218	
	13	920a	168	
	15	945a	136	129.7
	17	930a	130	113.-
	18	1030a	122	93.08
	20	1015a	120	89.0
	21	500p	108	64.37
	22	555p	123	95.5
	23	-	128	108.-
	25	1045a	130	113.0
	27	930a	128	108.-
	29	925a	136	143.0
July	1	955a	138	136.-
	2	1100a	136	130.0
	4	930a	136	130
	6	910a	134	124
	8	1000a	122	93
	10	1100a	116	81
	12	915a	98	50
	14	915a	118	85
	16	1025a	126	103
	18	-	110	69
	20	935a	98	50
	22	1025a	112	73
	24	1055a	120	89
	26	830a	126	103
	28	925a	110	69
	30	1015a	92	41.0
Aug	1	915a	88	35.6
	2	Mean	90	38
	3	"	88	35.6
	4	"	88	35.6
	5	"	86	33.2
	6	"	84	30.8
	7	"	91	39.5
	8	"	93	42.5
	9	"	97	48.5
	10	"	94	44
	11	"	93	42.5
	12	"	92	41
	13	"	92	41
	14	"	93	42.5
	15	"	92	41.
	16	"	88	35.6
	17	1000a	83	27.2
	18	Mean	83	27.2
	19	"	83	27.2
	20	"	80	26.
Aug.	21	Mean	80	26.0
	22	"	80	26.0
	23	"	83	27.2
	24	"	84	30.8
	25	"	87	34.4
	26	"	90	38.
	27	"	84	30.8
	28	"	90	38
	29	"	89	36.8
	30	"	90	38
	31	-	90	38
Sept.	1	Mean	94	44
	2	"	93	42.5
	3	"	89	36.8
	4	"	86	33.2
	5	"	85	32
	6	"	84	29.6
	7	"	84	29.6
	8	"	84	29.6
	9	"	84	29.6
	10	"	86	33.2
	11	"	88	35.6
	12	"	89	36.8
	13	"	90	38
	14	"	87	34.4
	15	"	86	33.2
	16	"	86	33.2
	17	"	85	32
	18	"	84	30.8
	19	"	86	33.2
Oct	12	950a	64	6.5

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C.R. 1938

Island Ditch

Date 1938		Time	Cfs
May	3	900a	12.4
	8	250p	15.2
	11	1105a	10.95
	15	135p	16.00
	18	145p	12.9
	22	1000a	9.10
	26	925a	11.4
	29	920a	17.1
June	5	-	35.2
	8	1100a	30.7
	10	1010a	22.85
	13	920a	14.4
	15	945a	7.4
	17	930a	11.9
	20	1015a	16.6
	23	-	18.2
	23	Adj to	5.94
	25	1045a	10.5
	25	Adj. to	6.14
	27	930a	7.8
	29	925a	6.74
July	1	955a	8.32
	2	1100a	5.94
	4	930a	5.75
	6	910a	5.94
	8	1000a	5.75
	10	1100a	4.98
	12	900a	6.00
	14	920a	6.5
	16	1025a	6.94
	20	935a	6.14
	22	1025a	6.54
	24	1055a	5.94
	26	830a	6.14
	28	925a	5.55
	30	1015a	6.14
Aug	1	930a	5.94
	3	625a	5.94
	5	1025a	5.94
	8	115p	5.94
	10	1025a	6.14
	12	1030a	5.94
	15	1000a	5.17
	17	1000a	5.94
	22	935a	6.14
	24	920a	6.14
	27	1200m	5.94
	31	955a	5.94
Sept.	3	1100a	5.36
	5	935a	5.94
	12	1030a	6.74
	20	940a	6.54
Oct.	8	1020a	6.94
	12	950a	10.00

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SPRING CREEK & SAGEBRUSH CANAL, UPPER CHARLESTON CANAL, AND LOWER CHARLESTON CANAL.

Date 1938		Sp.Cr.& Sage. Time	Sp.Cr.& Sage. Cfs,	Up.Charles. Time	Up.Charles. Cfs	Lower Charl. Time	Lower Charl. Cfs.
May	3	-	-	915a	43.9		
	8	-	-	300p	29.6		
	11	1155a	28.8	1120a	28.4		
	15	115p	36.27	130p	50.3		
	22	-	-	1010a	38.3		
	26	-	-	935a	28.4		
	29	-	-	925a	38.3		
	31	-	-	-	-	1105a	21.12
June	3	-	-	945a	43.9		
	5	1115a	32.1	1105a	43.8		
	8	930a	36.65	955a	51.9		
	10	940a	36.65	950a	45.2		
	13	855a	29.9	905a	49.4		
	15	920a	40.5	930a	56.8		
	17	-	-	940a	56.8		
	20	930a	25.2	955a	45.2		
	23	905a	27.8	915a	29.6		
	25	1025a	36.2	1035a	23.2		
	27	910a	31.1	920a	24.8		
	29	-	-	915a	35.7		
July	1	945a	36.2	1005a	20.65		
	4	910a	25.8	920a	21.75		
	6	845a	27.0	850a	22.7		
	8	935a	26.5	945a	13.75		
	10	1035a	27.4	1045a	15.6		
	12	925a	26.5	920a	11.2		
	14	900a	23.5	910a	24.0		
	16	1000a	23.5	1010a	15.6		
	18	935a	30.3	940a	15.6		
	20	915a	24.5	920a	11.2		
	22	920a	24.5	1015a	11.6	950a	19.1
	24	1020a	15.7	1040a	14.7		
	26	805a	24.5	815a	12.0		
	28	900a	26.5	910a	12.0		
	30	930a	25.5	940a	11.2		
Aug	1	850a	23.6	900a	9.6		
	3	-	21.8	-	8.6		
	5	1035a	22.7	1015a	9.25	950a	15.4
	7	-	-	-	-	1045a	11.8
	8	130p	20.1	125p	10.4		
	10	-	-	1015a	9.0		
	12	1000a	23.2	1015a	7.26		
	15	915a	14.8	920a	7.1		
	17	1050a	23.2	1045a	7.1	935a	9.85
	22	915a	11.6	925a	9.96		
	24	905a	16.0	915a	7.44		
	27	1145a	16.0	1150a	7.44		
	28	-	-	-	-	1010a	9.2
	31	945a	16.85	950a	12.85		
Sept	3	1115a	16.85	1110a	12.85	1045a	11.85
	5	920a	17.6	925a	16.5		
	12	1010a	14.45	1015a	12.85		
	18	-	-	-	-	905a	9.84
	20	915a	16.85	920a	9.00		
Oct.	8	1005a	--	1010a	12.85		
	12	915a	7.8	920a	-		

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KAMAS CANAL

SOUTH KAMAS IRRIGATION COMPANY
AND
WASHINGTON IRRIGATION COMPANY

Date 1938		Time	Cfs.
Apl	29	1210p	59.8
May	8	200p	43.-
	15	900a	24.5
	25	1100a	10.9
	29	930a	84.0
	31	120p	82.3
June	7	300p	80.6
	15	900a	82.3
	22	400p	82.3
	22	500p	50.7
	23	--	49.4
	28	pm	49.4
Jly	2	900a	49.4
	5	100p	49.4
	7	800a	3.-
		Storing.	
	17	800a	33.-
	20	100p	33.2
	23	300p	33.2
	26	900a	33.2
	30	400p	33.-
Aug.	3	900a	33.2
	6	800a	10.-
	10	300p	9.-
	15	900a	7.-
	20	430p	10.-
	27	630p	10.-
Sept	3	900a	7.-
	10	900a	17.
	20	120p	12.
Oct.	1	300p	16.-

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SUNRISE CANAL.

Date 1938		Time	Cfs.
Jun	23	4p	5.
	28	230p	5.
Jly	2	930a	5.
	7	830a	4.
	26	930a	3.
Aug	3	930a	3.
	20	400p	3.
Sept	3	930a	2.
	10	930a	00

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2888

FOURTH JUDICIAL DISTRICT COURT OF
THE STATE OF UTAH
IN AND FOR UTAH COUNTY
FILED
JAN 14 1952
C. A. GRANT, Clerk
Klara B. Snyder Deputy