C.R.1933.

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 3 -

Month	Max	Min	Mean	Acre Feet.
April	384	280	329	19736
May	921	227	350	21670
June	1355	267	757	45402
July	292	190	232	14396
August	197	163	180	11180
Sept	220	161	175	10536

Max	1355			
Min		161		
Mean			336	
Total				122920

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

C.R.1933.

NATURAL PROVO RIVER

UTAH VALLEY

-1933-

Day	April	May	June	July	August	September
1	352	357	1024	260	190	161
2	352	322	1121	259	196	162
3	359	323	1283	260	195	173
4	381	316	1355	252	189	164
5	338	289	1348	250	189	166
6	359	297	1057	251	183	166
7	352	265	1064	266	197	167
8	358	300	947	292	184	169
9	322	262	920	258	184	167
10	315	263	922	269	178	171
11	301	264	1066	252	185	176
12	308	259	1136	243	178	177
13	301	240	969	255	176	177
14	287	232	902	230	172	179
15	280	239	918	231	163	167
16	301	229	795	229	165	170
17	323	227	731	227	166	177
18	323	234	665	219	172	171
19	323	234	630	219	191	168
20	316	241	540	218	186	167
21	300	276	459	213	187	175
22	310	413	389	221	188	171
23	310	405	329	215	185	176
24	318	360	317	216	184	181
25	332	311	335	216	173	176
26	355	371	323	201	170	220
27	348	450	299	200	182	192
28	334	539	302	194	182	184
29	326	670	288	196	169	199
30	384	726	267	190	168	199
31	...	921	...	196	163	...
Totals	9868	10835	22701	7198	5590	5268
Max	384	921	1355	292	197	220
Min	280	227	267	190	163	161
Mean	329	350	757	232	180	175

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

C.R.1933.

NATURAL PROVO RIVER

UTAH VALLEY

1933

APRIL.

Day	Vivian River	Park Fork	Total	Inflow	Natural River
1	319	21	340	12	352
2	319	21	340	12	352
3	326	21	347	12	359
4	348	21	369	12	381
5	305	21	326	12	338
6	326	21	347	12	359
7	319	21	340	12	352
8	326	20	346	12	358
9	290	20	310	12	322
10	283	20	303	12	315
11	269	20	289	12	301
12	276	20	296	12	308
13	269	20	289	12	301
14	255	20	275	12	287
15	248	20	268	12	280
16	269	20	289	12	301
17	290	20	310	13	323
18	290	20	310	13	323
19	290	20	310	13	323
20	283	20	303	13	316
21	269	18	287	13	300
22	276	20	296	14	310
23	276	20	296	14	310
24	283	20	303	15	318
25	297	20	317	15	332
26	319	20	339	16	355
27	312	20	332	16	348
28	297	20	317	17	334
29	290	18	308	18	326
30	348	18	366	18	384
..	...	..	...	..	...
Totals	8867	601	9468	400	9868
Max	348	21	369	18	384
Min	248	18	268	12	280
Mean	296	20	316	13	329

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

.1933.

NATURAL PROVO RIVER

UTAH VALLEY

1933

MAY

Day	Vivian River	Park Fork	Total	Inflow	Total Ut.Val.	Tun. Stor W.R.	Natural River Ut.Valley.
1	319	19	338	19	357	..	357
2	283	19	302	20	322	..	322
3	283	19	302	21	323	..	323
4	276	19	295	21	316	..	316
5	248	19	267	22	289	..	289
6	255	19	274	23	297	..	297
7	222	19	241	24	265	..	265
8	255	20	275	25	300	..	300
9	215	20	235	27	262	..	262
10	215	20	235	28	263	..	263
11	215	20	235	29	264	..	264
12	209	20	229	30	259	..	259
13	189	20	209	31	240	..	240
14	177	22	199	33	232	..	232
15	183	22	205	34	239	..	239
16	183	23	206	36	242	13	229
17	183	18	201	37	238	11	227
18	189	18	207	39	246	12	234
19	196	18	214	40	254	20	234
20	209	26	235	42	277	36	241
21	312	25	337	44	381	105	276
22	453	26	479	45	524	111	413
23	453	25	478	47	525	120	405
24	415	25	440	49	489	129	360
25	362	25	387	51	438	127	311
26	422	25	447	53	500	129	371
27	501	25	526	55	581	131	450
28	584	26	610	57	667	128	539
29	715	26	741	59	800	130	670
30	770	26	796	61	857	131	726
31	961	32	993	63	1056	135	921
Totals	10452	686	11138	1165	12303	1468	10835
Max	961	32	993	63	1056	135	921
Min	177	18	199	19	232	...	227
Mean	337	22	359	38	397	47	350

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

NATURAL PROVO RIVER

UTAH VALLEY

1933

JUNE

Day	Vivian River	Park Fork	Total	Inflow	Total Ut.Val	Tun. Stor W.R.	Natural River Ut.Valley.
1	1060	34	1094	65	1159	135	1024
2	1020	34	1054	67	1121	00	1121
3	1180	34	1214	69	1283	00	1283
4	1370	34	1404	72	1476	121	1355
5	1360	33	1393	74	1467	119	1348
6	1060	40	1100	76	1176	119	1057
7	1080	26	1106	79	1185	121	1064
8	961	26	987	81	1068	121	947
9	932	26	958	83	1041	121	920
10	932	26	958	86	1044	122	922
11	1080	26	1106	88	1194	128	1066
12	1150	31	1181	91	1272	136	1136
13	990	33	1023	93	1116	147	969
14	922	31	953	96	1049	147	902
15	941	30	971	99	1070	152	918
16	817	29	846	101	947	152	795
17	733	29	762	104	866	135	731
18	661	26	687	106	793	128	665
19	618	25	643	109	752	122	630
20	534	25	559	101	660	120	540
21	453	24	477	94	571	112	459
22	385	24	409	89	498	109	389
23	333	24	357	84	441	112	329
24	319	23	342	79	421	104	317
25	341	23	364	75	439	104	335
26	333	23	356	71	427	104	323
27	312	22	334	68	402	103	299
28	312	20	332	65	397	95	302
29	301	20	321	62	383	95	288
30	283	20	303	59	362	95	267
..	...	..	...	..	...	..	...
Totals	22773	821	23594	2486	26080	3379	22701
Max	1370	40	1404	109	1476	152	1355
Min	283	20	303	59	362	00	267
Mean	759	27	786	83	869	112	757

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

NATURAL PROVO RIVER

UTAH VALLEY

1933

JULY

Day	Vivian River	Park Fork	Total	Inflow	Total Ut.Val	Tun Stor W.R.	Natural River Ut. Valley
1	283	20	303	57	360	100	260
2	272	19	291	55	346	87	259
3	255	19	274	53	327	67	260
4	248	20	268	51	319	67	252
5	248	20	268	49	317	67	250
6	252	20	272	47	319	68	251
7	276	20	296	46	342	76	266
8	290	33	323	45	368	76	292
9	248	27	275	44	319	61	258
10	262	25	287	43	330	61	269
11	248	24	272	41	313	61	252
12	241	23	264	40	304	61	243
13	241	22	263	40	303	48	255
14	228	21	249	39	288	58	230
15	228	23	251	38	289	58	231
16	222	22	244	37	281	52	229
17	222	20	242	37	279	52	227
18	215	20	235	36	271	52	219
19	215	20	235	36	271	52	219
20	215	20	235	35	270	52	218
21	202	19	221	35	256	43	213
22	209	18	227	34	261	40	221
23	202	19	221	34	255	40	215
24	202	20	222	34	256	40	216
25	202	20	222	34	256	40	216
26	189	19	208	33	241	40	201
27	189	18	207	33	240	40	200
28	183	18	201	33	234	40	194
29	183	20	203	33	236	40	196
30	177	20	197	33	230	40	190
31	183	20	203	33	236	40	196
Totals	7030	649	7679	1238	8917	1719	7198
Max	290	33	323	57	368	100	292
Min	177	18	197	33	230	40	190
Mean	227	21	248	40	288	56	232

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

NATURAL PROVO RIVER

UTAH VALLEY

1933

AUGUST

Day	Vivian River	Park Fork	Total	Inflow	Total Ut.Val	Tun Stor ...	Natural River Ut.Valley
1	177	20	197	33	230	40	190
2	183	20	203	33	236	40	196
3	183	20	203	33	236	41	195
4	177	20	197	33	230	41	189
5	177	20	197	33	230	41	189
6	171	20	191	33	224	41	183
7	171	20	191	33	224	27	197
8	159	19	178	33	211	27	184
9	159	19	178	33	211	27	184
10	153	19	172	33	205	27	178
11	159	19	178	34	212	27	185
12	153	18	171	34	205	27	178
13	153	16	169	34	203	27	176
14	145	15	160	34	194	22	172
15	136	15	151	34	185	22	163
16	136	16	152	35	187	22	165
17	136	17	153	35	188	22	166
18	142	17	159	35	194	22	172
19	159	18	177	36	213	22	191
20	153	19	172	36	208	22	186
21	150	18	168	36	204	17	187
22	150	18	168	37	205	17	188
23	147	18	165	37	202	17	185
24	145	19	164	37	201	17	184
25	133	19	152	38	190	17	173
26	131	19	150	38	188	18	170
27	142	19	161	39	200	18	182
28	142	19	161	39	200	18	182
29	128	19	147	40	187	18	169
30	128	18	146	40	186	18	168
31	122	18	140	41	181	18	163
Totals	4700	571	5271	1099	6370	780	5590
Max	183	20	203	41	236	41	197
Min	122	15	140	33	181	17	163
Mean	152	18	170	35	205	25	180

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

NATURAL PROVO RIVER

UTAH VALLEY

1933

SEPTEMBER

Day	Vivian River	Park Fork	Total Inflow		Total Ut.Val.	Tun. Stor.	Natura River Ut.Val
1	120	18	138	41	179	18	161
2	120	18	138	42	180	18	162
3	131	18	149	42	191	18	173
4	122	17	139	43	182	18	164
5	122	18	140	44	184	18	166
6	120	20	140	44	184	18	166
7	120	20	140	45	185	18	167
8	120	21	141	46	187	18	169
9	118	21	139	46	185	18	167
10	122	20	142	47	189	18	171
11	110	21	131	48	179	3	176
12	110	21	131	49	180	3	177
13	110	20	130	50	180	3	177
14	112	21	133	49	182	3	179
15	102	20	122	48	170	3	167
16	105	20	125	48	173	3	170
17	110	22	132	48	180	3	177
18	105	22	127	47	174	3	171
19	102	22	124	47	171	3	168
20	102	22	124	46	170	3	167
21	108	24	132	46	178	3	175
22	105	23	128	46	174	3	171
23	110	24	134	45	179	3	176
24	115	24	139	45	184	3	181
25	112	22	134	45	179	3	176
26	156	23	179	44	223	3	220
27	128	23	151	44	195	3	192
28	120	23	143	44	187	3	184
29	136	23	159	43	202	3	199
30	136	23	159	43	202	3	199
..	...	..	...	..	...	.	....
Totals	3509	634	4143	1365	5508	240	5268
Max	156	24	179	50	223	18	220
Min	102	17	122	41	170	3	161
Mean	117	21	138	45	183	8	175

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

I N F L O W C U R V E

- 1 9 3 3 -

Day	Aprl	May	Jun	Jly	Aug.	Sept.
1	12	19	65	57	33	41
2	12	20	67	55	33	42
3	12	21	69	53	33	42
4	12	21	72	51	33	43
5	12	22	74	49	33	44
6	12	23	76	47	33	44
7	12	24	79	46	33	45
8	12	25	81	45	33	46
9	12	27	83	44	33	46
10	12	28	86	43	33	47
11	12	29	88	41	34	48
12	12	30	91	40	34	49
13	12	31	93	40	34	50
14	12	33	96	39	34	49
15	12	34	99	38	34	48
16	12	36	101	37	35	48
17	13	37	104	37	35	48
18	13	39	106	36	35	47
19	13	40	109	36	36	47
20	13	42	101	35	36	46
21	13	44	94	35	36	46
22	14	45	89	34	37	46
23	14	47	84	34	37	45
24	15	49	79	34	37	45
25	15	51	75	34	38	45
26	16	53	71	33	38	44
27	16	55	68	33	39	44
28	17	57	65	33	39	44
29	18	59	62	33	40	43
30	18	61	59	33	40	43
31	..	63	..	33	41	..
Totals	400	1165	2486	1238	1099	1365
Max	18	63	109	57	41	50
Min	12	19	59	33	33	41
Mean	13	38	83	40	35	45

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

TFW:TFW

C.R.1933.

PROVO RIVER UTAH VALLEY

"TOTAL" MEASUREMENTS.

	1933 Date	Main Canals	Mean West Side	Mean Spring Water-works	Lost Creek in Waterworks	Total Sec.Ft.
April	4-25	313.56	14	5.	2.46	335
	4-27	329.60	14	5	--	349
	4-28	308.48	12	5	--	325.
May	5-5	266.63	15	6.	--	287
	5-8	288.90	12	6	--	307
	5-16	217.22	12.5	6	--	236
	5-18	234.77	13	6.	--	254
	5-25	400.	27.	6.	2.74	436
June	6-19	590	16.3	6	2.61	615
	6-23	424	24	6	2.93	457
	6-26	378	22	6	2.93	409
	6-30	335	22	6	2.93	366
July	7-1	328	20	7	2.83	358
	7-3	296	20	7	2.83	326
	7-6	295	19	7	2.83	324
	7-7	308	19	7	2.83	337
	7-10	307	20	7	2.83	337
	7-11	295	18	7	--	320
	7-13	264	20	7	2.73	294
	7-14	264	20	7	2.73	294
	7-15	257	20	7	2.73	287
	7-16	263	18	7	2.73	291
	7-17	255	18	7	2.73	283
	7-18	242	18	7	2.73	270
	7-19	241	17	7	2.73	268
	7-20	233	17	7	2.73	260
	7-21	224	17	7	2.73	251
	7-22	224	16	7	2.55	250
	7-23	216	16	7	2.55	242
	7-25	218	14	7	2.55	242
	7-26	213	16	7	2.55	239
	7-27	219	16	7	2.55	245
	7-28	209	16	7.	2.55	235
	7-29	194	16	7	2.55	220
	7-30	206	16	7	2.55	232
Aug.	8-1	208	16	7	2.55	234
	8-2	210	16	7	2.55	236
	8-3	207	16	7	2.55	233
	8-4	209	15	7	2.55	234
	8-5	203	15	7	2.55	228
	8-6	196	15	7	2.55	221
	8-8	195	15	7	00	217
	8-9	189	15	7	00	211
	8-10	190	15	7	00	212
	8-11	188	15	7	00	210
	8-13	177	15	7	00	199

C.R.1933.

PROVO RIVER UTAH VALLEY
"TOTAL" MEASUREMENTS.
(Concluded.)

	1933 Date	Main Canals	Mean West Side	Mean Water-works	Total Sec.Ft.
Aug.	8-14	171	13	7	191
	8-15	164	13	7	184
	8-16	162	13	7	182
	8-17	162	13	7	182
	8-18	166	13	7	186
	8-19	185	13	7	205
	8-20	183	13	8	204
	8-21	189	13	8	210
	8-22	186	13	9	207
	8-23	176	13	8	197
	8-24	173	13	8	194
	8-25	175	13	8	196
	8-26	173	13	8	194
	8-28	175	15	8	198
	8-29	170	15	8	193
	8-30	165	15	8	188
	8-31	164	15	8	187
Sept.	9-1	166	15	7	188
	9-2	161	15	7	183
	9-4	167	13	7	187
	9-6	157	13	7	177
	9-8	160	13	7	180
	9-10	164	13	7	184
	9-11	163	13	7	183
	9-13	156	13	7	176
	9-14	161	13	7	181
	9-17	155	13	7	175
	9-19	155	13	7	175
	9-21	151	13	7	171
	9-23	146	13	7	166
	9-26	165	13	7	185
	9-28	168	15	7	190
Oct.	10-5	165	13	7	185
	10-6	166	13	7	186
	10-7	166	12	7	185
	10-18	178	12	7	197
	10-22	171	12	7	190

Main Canals include Provo Bench, Provo Reservoir Canal, Timpanogus, U.E.Union, City Creek, and Provo City Union, Factory, City and Tanner Races, and West Union Canal.
West Side includes Lake Bottom Canal, Fort Field Canal, and Spring Creek Ditches.
Spring Water in Waterworks is monthly mean, used for each day calculation.(Furnished by Provo City.
Lost Creek to waterworks is the quantity of Lost Creek taken into the waterworks system of Provo City.
Mean West side is total of West side as noted, and days of no measurement are interpolated in connection with gate change.
Time of day and weather conditions should be noted in comparison with curve at Vivian Park.
With total second feet as above shown and discharge curve at Vivian Park, the Inflow Curve is projected.

TFW:TFW.

C?R?1933.

P R E C I P I T A T I O N

1932-X-1933

HEBER El.5600	Oct	Nov	Dec	Jan	Feb	Mar.	Apl	May	Jun	Jly	Aug	Sep.
Precip.	0.32	0.41	1.98	1.83	1.21	0.91	1.43	1.53	0.00	0.49	0.34	0.58
Mean Prec	1.41	1.39	1.56	2.11	1.99	2.05	1.47	1.39	0.63	0.79	1.02	1.19
Depart.	-1.09	-.98	+.42	-.28	-.78	-1.14	-.04	+.14	-.63	-.30	-.68	-.61
Tot Prec	0.32	.73	2.71	4.54	5.75	6.66	8.09	9.62	9.62	10.11	10.45	11.03
Tot Mean	1.41	2.80	4.36	6.47	8.46	10.51	11.98	13.37	14.00	14.79	15.81	17.00
Accum	-1.09	-2.07	-1.65	-1.93	-2.71	-3.85	-3.89	-3.75	-4.38	-4.68	-5.36	-5.97
Per cent	23	26	62	70	68	63	68	72	69	68	66	65

PROVO El.4650												
Precip	0.67	0.57	1.02	1.04	0.58	0.64	0.92	1.08	0.03	1.10	0.24	0.22
Mean Prec	1.36	1.18	1.46	1.59	1.61	1.69	1.48	1.65	0.69	0.59	0.84	1.05
Depart	-.69	-.61	-.44	-.55	-1.03	-1.05	-.56	-.57	-.66	+.51	-.60	-.83
Tot Prec	0.67	1.24	2.26	3.30	3.88	4.52	5.44	6.52	6.55	7.65	7.89	8.11
Tot Mean	1.36	2.54	4.00	5.59	7.20	8.89	10.37	12.02	12.71	13.30	14.14	15.19
Accum	-.69	-1.30	-1.74	-2.29	-3.32	-4.37	-4.93	-5.50	-6.16	-5.65	-6.25	-7.08
Per cent	50	49	56	59	54	51	52	44	52	57	56	53

Salt Lake City El. 4400												
Precip	1.06	0.79	1.81	2.07	0.99	1.44	1.28	3.25	T	0.18	0.20	0.34
Mean Prec	1.44	1.35	1.43	1.31	1.51	1.98	2.15	1.92	0.80	0.51	0.85	0.98
Depart	-0.38	-.56	+.38	+.76	-.52	-.54	-.87	+1.33	-.80	-.33	-.65	-.64
Tot Prec	1.06	1.85	3.66	5.73	6.72	8.16	9.44	12.69	12.69	12.87	13.07	13.41
Tot Mean	1.44	2.79	4.22	5.53	7.04	9.02	11.17	13.09	13.89	14.40	15.25	16.23
Accum	-.38	-.94	-.56	+.20	-.32	-.86	-1.73	-.40	-1.20	-1.53	-2.18	-2.82
Per cent	74	66	87	104	95	90	85	97	91	89	86	83

Park City El. 7100												
Precip	0.96	1.38	2.30	3.19	1.57	1.39	1.70	1.65	0.07	1.72	0.45	0.48
Mean Prec	1.31	1.61	2.31	2.82	2.76	2.99	1.83	1.17	0.65	1.17	1.42	1.22
Depart	-.35	-.23	-.01	+.37	-1.19	-1.60	-.13	+.48	-.58	+.55	-.97	-.74
Tot Prec	0.96	2.34	4.64	7.83	9.40	10.79	12.49	14.14	14.21	15.93	16.38	16.86
Tot Mean	1.31	2.92	5.23	8.05	10.81	13.80	15.63	16.80	17.45	18.62	20.04	21.26
Accum	-.35	-.58	-.59	-.22	-1.41	-3.01	-3.14	-2.66	-3.24	-2.69	-3.66	-4.40
Per cent	73	80	89	97	87	78	80	84	81	86	82	79

Snake Creek El. 5950												
Precip	0.33	0.93	3.75	4.69	3.39	1.43	1.90	1.58	0.03	0.52	0.50	0.55
Mean Prec	1.70	1.97	3.54	2.85	3.18	2.73	2.40	1.42	0.68	1.21	1.39	1.73
Depart	-1.37	-1.04	+.21	+1.84	+.21	-1.30	-.50	+.16	-.65	-.69	-.89	-1.18
Tot Prec	0.33	1.26	5.01	9.70	13.09	14.52	16.42	18.00	18.03	18.55	19.05	19.60
Tot Mean	1.70	3.67	7.21	10.06	13.24	15.97	18.37	19.29	20.47	21.68	23.07	24.80
Accum	-1.37	-2.41	-2.20	-.36	-.15	-1.45	-1.95	-1.79	-2.44	-3.13	-4.02	-5.20
Per cent	19	34	69	96	99	91	89	91	88	85	83	80

TEW·TEW.

C.R.1933.

SNOW SURVEYS TRIAL LAKE COURSE.

-1933-

Date 1933	Depth Snow	Water Content	Per Cent
April 2	65.9	20.	30.4
May 13,	80.	25.6	32
May 28,	60.	21.6	36
June 3,	45.	19.5*	43
June 6.	39.6	18.6*	47
June 9,	34.8	16.8**	48

* In some of these measurement could not pick up the bottom of core, for slush.

** Used six holes, the other four could not pick up bottom.

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

C.R.1933.

SALT LAKE CITY PRECIPITATION

TABULATED IN SEVEN YEAR CYCLES.

(Graph on following page)

Years Ending Sept.30.	1.	2	3	4	5	6	7	Total	Mean	Per Cent of Mean
A 1875-81	19.10	24.60	17.69	22.16	10.22	12.49	15.48	121.74	17.39	108
B 1882-88	16.50	13.37	19.76	18.06	18.46	14.60	10.71	111.46	15.92	99
C 1889-95	14.21	17.73	13.43	13.78	17.43	17.27	10.95	104.80	14.97	93
D 1896-02	17.30	16.86	15.86	17.39	12.96	16.57	11.40	108.34	15.48	96
E 1903-10	14.16	17.76	14.51	19.53	18.90	20.15°	10.55	115.56	16.51	102
F 1911-17	15.65	17.99	18.29	17.19	14.53	13.38	18.46	115.49	16.50	102
G 1918-24	14.41	12.13	19.42	16.68	19.40	21.72	11.25	115.01	16.43	102
H 1925-31	20.97	14.54	18.90	13.69	17.17	14.23	10.49	109.99	15.71	97
Totals	132.30	134.98	137.86	138.48	129.07	130.41	99.29	902.39	128.91	
Mean	16.54	16.87	17.24	17.31	16.13	16.30	12.41	112.80	16.11	

° Mean 1908-09.

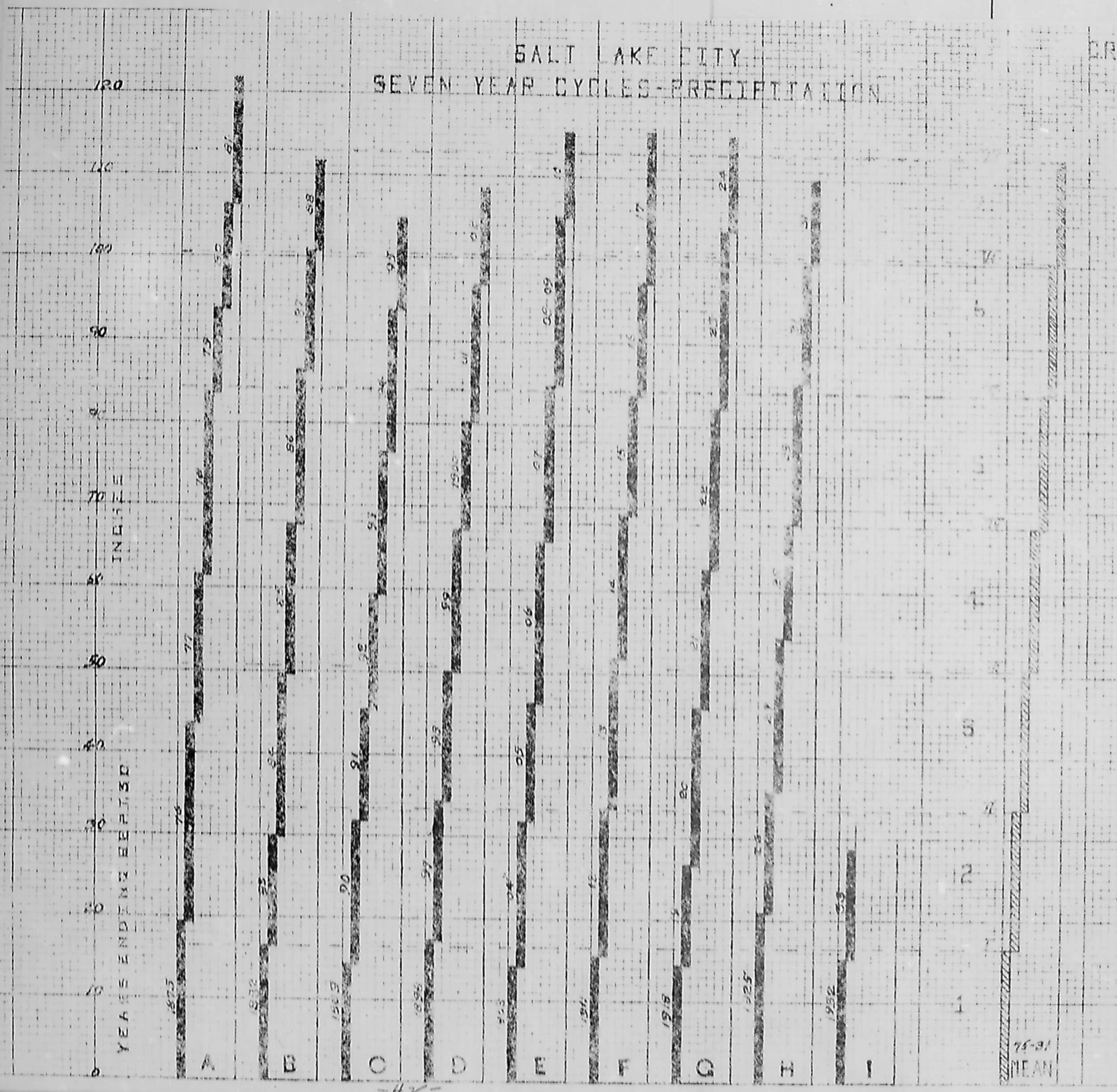
- - - - - - - - - - - - - -

	Cycle		Total Prec.	Mean Annual	Dept.	Per Cent Departure.
1	A	1875-81	121.74	17.39	+1.28	+8
	B	1882-88	111.46	15.92	-1.9	-1
	C	1889-95	104.80	14.97	-1.14	-7
	D	1896-02	108.34	15.48	-0.63	-4
	E	1903-10	115.56	16.51	+0.40	+2
	F	1911-17	115.49	16.50	+0.39	+2
	G	1918-24	115.01	16.43	+0.32	+2
	H	1925-31	109.99	15.71	-0.40	-3
	Average		112.80	16.11	0.59	3.6

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

On account of the condition of Utah Lake and Strawberry Reservoir, the question is often asked,**"Is our climate Changing? The record at Salt Lake City, as tabulated above shows no material change, in fact the last four cycles are more constant than the first four. We do not see any reason that the Ninth Cycle will be out of the range as shown.

TFW:TFW.


SALT LAKE CITY
SEVEN YEAR CYCLES-PRECIPITATION
YEARS ENDING SEPT 30
INCHES
120
110
100
90
80
70
60
50
40
30
20
10
0
A
B
C
D
E
F
G
H
I
MEAN

STORAGE WATER

SUMMARY

STORAGE AT RESERVOIRS AND OWNERSHIP.

RESERVOIR	GH.	Total Ac.ft.	Provo Res.	Wasatch Irrig.	Timp Irrig	Exten Irrig	Provo City	Wash. Irrig
Trial Lake	37.0	1590	719	398	397	76	....	....
Washington	32.4	1871	846	468	468	89	....	....
Wall Lake	25.7	1552	703	387	388	74	....	....
Star Lake	...	314	141	78	79	16	....	....
Long Lake	21.5	824	746	...	...	78	....	....
Lost Lake	20.0	1003	322	...	...	47	634	....
N.Fork #6	...	420	...	...	420	..	....	....
Marjorie	...	260	...	...	260	..	....	....
Big Elk	19	671	...	....	...	..	....	671
Echo Reserv.	..	3478	3220	...	...	258	....	...
Provo City assigns to Provo Res.Co.		...	337	...	...	...	-337	...
Sub-total	..	11983	7034	1331	2012	638	297	671
Transit Charge		340	139	53	81	15	26	26
Net Total		11643	6895	1278	1931	623	271	645

RELEASED FROM RESERVOIRS:

	JUNE	JULY	AUGUST	SEPT	TOTAL
Echo Reser.	2164	1314	....	....	3478
Provo River	237	5478	2060	500	8275
Washington	...	671	....	...	671
Totals	2401	7463	2060	500	12424

DELIVERED TO CANALS:

	JUNE	JULY	AUGUST	SEPT	TOTAL
Provo Res.Co	1990	1214	1400	280	6911
		2027			
Extension	168	192	....	...	689
	16	313			
Timpanogus	140	1594	245	...	1979
Wasatch	...	1224	88	...	1312
Provo City	...	6	269	...	275
Washington	...	644	...	...	644
To River	...	...	204	165	369(a)
Transit Charge	10*	230*	80*	20*	340
Totals	2324	7444	2286	465	12519

* Approximate. (a) Increase in storage during storms, released as shown. Echo Storage underscored.

TFW:TFW

STORAGE WATER
ECHO RESERVOIR.

1933 JUNE Day	S.End Diver Canal 10' Parshall Weir Gage	Sec. Ft.	Acre Feet	Inflow Acft.	Net Acft.	DELIVERY ACRE FEET. Provo Res. Company	Extension Irrig.Co.
21	190	110	220	5	215	215	...
22	192	111.8	224	5	219	219	...
23	191	110.9	222	5	217	203	14
24	191	110.9+	223	5	218	204	14
25	191	110.9	222	5	217	203	14
26	188	108.1	216	5	211	202	14
27	188	108.1	216	5	211	186	24
28	194	113.7	227	5	222	186	24
29	192	111.8	224	5	219	186	40
30	190	110	220	5	215	186	24
Totals			2214	50	2164	1990	168
1933 JULY Day							
1	190	110					
	182	102.7	223	6	217	181	24
2	182	102.7					
	154	78.6	205	6	199	150	24
3	143	68.2	136	6	130	130	24
4	134	62.9	126	6	120	130	24
5	134	62.9	126	6	120	46	24
6	110	45.9	92	6	86	62	24
7	111	46.6	93	6	87	62	24
8	110	45.9	92	6	86	62	24
9	100	39.4	78	6	72	86	..
10	91	34.5	69	6	63	86	..
11	82	28.7	57	6	51	86	..
12	62	18.4	37	6	31	60	..
13	50	13.1	26	6	20	46	..
14	42	9.9	20	6	14	20	..
15	39	9	18	6	12	7	..
16	30	5.9	12	6	6	..	..
17	21						
18	20						
Totals			1410	96	1314	1214	192

C.R. 1933

HEAD PROVO RIVER
STORAGE WATERS.

RELEASED -X- DELIVERY

1933 June Day	Cfs	Aft	T	Timpanogus. Cfs	Aft	T	Extension Cfs	Aft	T	Wasatch Cfs	Aft	T	Provo Res. Co. Cfs	Aft	T
27	0-10	10	12m	10	13	8a	..	..		..	..		..	..	
28	10-30	47	8a	10	20		..	..		..	..		..	..	
29	30-50	80	12m	10-30	47	8a	..	..		..	..		..	..	
30	50-~~100~~100			30	60		8	16		..	..		..	..	
Totals		237			140			16		..	..		..	..	
JULY		~~100~~											..	..	
1	50	100		30	60		8	16		0-10	14	8a	..	..	
2	50	100		30	60		8	16		10	20		..	..	
3	50-90	123	5p	30	60		8	16		10	20		..	..	
4	90	180		30-25	54	8a	8	16		10	20		..	..	
5	90	180		25.5	51		8	16		10	20		43	86	
6	90-75	170	4p	25.5	51		8	16		10	20		43	86	
7	75	150		25.5	51		8	16		10	20		43	86	
8	75	150		25.5	51		8	16		10	20		28.5	57	
9	75	150		25.5	51		20	40		10	20		16.5	33	
10	75	150		25.5	51		20	40		10	20		16.5	33	
11	75	150		25.5	51		20	40		10	20		16.5	33	
12	75-85	160	12M	25.5	51		20	40		10	20		16.5	33	
13	85-100	177	6p	25.5	51		20-0	25	3p	10	20		16.5-46.5	59	3p
14	100	200		25.5	51		..	..		10-~~x~~	20		46.5	93	
15	100	200		25.5	51		..	..		10-20	33	8a	46.5-50.5	98	8a
16	100	200		25.5	51		..	..		20	40		50.5	101	
17	100	200		25.5	51		..	..		20	40		50.5	101	
18	100-90	195	6p	25.5	51		..	..		20	40		50.5	101	
19	90	180		25.5	51		..	..		20	40		50.5	101	
20	90-100	183	8p	25.5	51		..	..		20	40		50.5-41	88	8a
21	100	200		25	50		..	..		20-33	57	8a	41-38	78	8a
22	100	200		25	50		..	..		33	66		38	76	
23	100	200		25	50		..	..		33	66		38	76	
24	100	200		25	50		..	..		33	66		38	76	
25	100	200		25	50		..	..		33	66		38	76	
26	100	200		25	50		..	..		33	66		38	76	
27	100	200		25	50		..	..		33	66		38	76	
28	100	200		25	50		..	..		33	66		38	76	
29	100	200		25	50		..	..		33	66		38	76	
30	100	200		25-23	48	8a	..	..		33	66		38	76	
31	100-70	180	4p	23	46		..	..		33	66		38	76	
Totals		5478			1594			313			1284			2027	

Provo City July 31, 3 cfs, 6 acre feet.

Big Elk Reservoir Release July 2 8 am to July 22, 8 am. 671 acre feet.
Delivered to Washington Irrigation Co same dates 644 acre feet.

HEAD PROVO RIVER
STORAGE WATERS.

RELEASED				DELIVERY Timpanogus			Wasatch			Provo City			Provo Res.Co.		
1933 Aug	Cfs	Aft	T	Cfs	Aft	T	Cfs	Aft	T	Cfs	Aft	T	Cfs	Aft	T
1	70	140		23	46		33	66		3	6		38	76	
2	70	140		23	46		33-0	22	8a	5	10		38-39	77	8a
3	70	140		23	46		..	..		5	10		39	78	
4	70-31	114	4p	23	46		..	..		5	10		39	78	
5	31	62		23	46		..	..		5	10		39	78	
6	31	62		23-0	15	8a	..	..		5	10		39-25	60	8a
7	31	62		..	..		..	..		5	10		25	50	
8	31	62		..	..		..	..		5	10		25	50	
9	31	62		..	..		..	..		5	10		25	50	
10	31	62		..	..		..	..		5	10		25	50	
Totals					245			88							
				To River Of Reserve.											
11	31	62		..	..					5	10		25	50	
12	31	62		..	..					5	10		25	50	
13	31	62		..	..					5	10		25	50	
14	31	62		5	10					5	10		20	40	
15	31	62		5	10					5	10		20	40	
16	31	62		5	10					5	10		20	40	
17	31	62		5	10					5	10		20	40	
18	31	62		5	10					5	10		20	40	
19	31-25	58	4p	5	10					5	10		20	40	
20	25	50		4	8					5	10		20-15	33	8a
21	25	50		4	8					5	10		15	30	
22	25	50		4	8					5	10		15	30	
23	25	50		4	8					5	10		15	30	
24	25	50		4	8					5	10		15	30	
25	25	50		4	8					5	10		15	30	
26	25	50		4	8					5	10		15	30	
27	25	50		4	8					5	10		15	30	
28	25	50		9	18					5-0	3		15	30	
29	25	50		9	18					..	..		15	30	
30	25	50		9	18					..	..		15	30	
31	25	50		9	18					..	..		15	30	
Totals		2060			204						269			1400	
Sept															
1	25	50		9	18					..	..		15	30	
2	25	50		9	18					..	..		15	30	
3	25	50		9	18					..	..		15	30	
4	25	50		9	18					..	..		15	30	
5	25	50		9	18					..	..		15	30	
6	25	50		9	18					..	..		15	30	
7	25	50		9	18					..	..		15	30	
8	25	50		9	18					..	..		15	30	
9	25	50		9	18					..	..		15	30	
10	25	50		9	3					..	..		15-0	10	8a
Totals		500			165									280	

C.R.1933.

WEBER RIVER WATERS, ECHO STORAGE, PROVO RIVER STORAGE, AND TUNNEL WATERS TO PROVO DIVISION.

(In CFS.)

-1933-

	MAY	JUNE				JULY				AUGUST			SEPTEMBER		
Day	W.R.	W.R	T	Eco Str	Tot	Eco Str	PR. Str	T	Tot	PR. Str	T	Tot	PR. Str	T	Tot
1	..	135	.	...	135	98	..	2	100	38	2	40	15	3	18
2	..	...	.	...	...	85	..	2	87	38	2	40	15	3	18
3	..	...	.	...	...	65	..	2	67	39	2	41	15	3	18
4	..	121	.	...	121	65	..	2	67	39	2	41	15	3	18
5	..	119	.	...	119	65	..	2	67	39	2	41	15	3	18
6	..	119	.	...	119	23	43	2	68	39	2	41	15	3	18
7	..	121	.	...	121	31	43	2	76	25	2	27	15	3	18
8	..	121	.	...	121	31	43	2	76	25	2	27	15	3	18
9	..	121	.	...	121	31	28	2	61	25	2	27	15	3	18
10	..	122	.	...	122	43	16	2	61	25	2	27	15	3	18
11	..	128	.	...	128	43	16	2	61	25	2	27	..	3	3
12	..	136	.	...	136	43	16	2	61	25	2	27	..	3	3
13	..	147	.	...	147	30	16	2	48	25	2	27	..	3	3
14	..	147	.	...	147	10	46	2	58	20	2	22	..	3	3
15	..	152	.	...	152	10	46	2	58	20	2	22	..	3	3
16	13	152	.	...	152	..	50	2	52	20	2	22	..	3	3
17	11	135	.	...	135	..	50	2	52	20	2	22	..	3	3
18	12	128	.	...	128	..	50	2	52	20	2	22	..	3	3
19	20	122	.	...	122	..	50	2	52	20	2	22	..	3	3
20	36	120	.	...	120	..	50	2	52	20	2	22	..	3	3
21	105	110	2	...	112	..	41	2	43	15	2	17	..	3	3
22	111	...	2	107	109	..	38	2	40	15	2	17	..	3	3
23	120	...	2	110	112	..	38	2	40	15	2	17	..	3	3
24	129	...	2	102	104	..	38	2	40	15	2	17	..	3	3
25	127	...	2	102	104	..	38	2	40	15	2	17	..	3	3
26	129	...	2	102	104	..	38	2	40	15	3	18	..	3	3
27	131	...	2	101	103	..	38	2	40	15	3	18	..	3	3
28	128	...	2	93	95	..	38	2	40	15	3	18	..	3	3
29	130	...	2	93	95	..	38	2	40	15	3	18	..	3	3
30	131	...	2	93	95	..	38	2	40	15	3	18	..	3	3
31	135	---	-	--	--	..	38	2	40	15	3	18	--	-	-

Ex:- W.R. -- Weber River Water thru Diversion Canal to Provo Reservoir Canal and Utah Lake during highwater.
Eco Str. -- Weber River water thru Diversion Canal to Provo Reservoir Canal and charged as Echo Reservoir storage.
T-- Ontario Tunnel water passed to Provo Division, not considered until June 21.
PR. Str -- Storage Water from the head of Provo River to Provo Reservoir Canal.

DAILY DISCHARGE IN SECOND FEET.

WEBER - PROVO DIVERSION CANAL TO PROVO RIVER.

YEAR -1932- AND 1933-.

	Year -1932-		Year -1933-		
Day	June	July	May	June	July
1	...	43	...	...	108
2	...	55	...	...	100
3	...	91	...	121	65
4	...	83	...	119	60
5	25	83	...	119	60
6	69	81	...	121	43
7	88	81	...	121	44
8	98	81	...	121	43
9	98	82	...	122	36
10	104	83	...	128	32
11	110	83	...	136	25
12	115	82	...	147	16
13	120	82	...	147	10
14	120	83	...	152	7
15	120	74	13	152	6
16	120	62	11	135	3
17	43	61	12	128	...
18	...	61	20	122	...
19	...	60	36	120	...
20	...	60	105	110	...
21	...	60	111	107	...
22	35	25	120	110	...
23	73	30	129	109	...
24	99	30	127	109	...
25	100	30	129	109	...
26	98	20	131	106	...
27	97	10	128	106	...
28	48	10	130	111	...
29	...	10	137	109	...
30	14	8	135	108	...
31	--	3	135	---	...

- -

TFW:TFW.

C.R.1933.

DIVERSION CANAL WATERS. SHINGLE CREEK WATERS

AND OTHER WATERS TO UTAH LAKE AND PROVO RESERVOIR CANAL.

Time Utah Valley: Shingle Creek and Diversion Canal waters in transit 1 day.

Volume in Acre Feet.

1933	PROVO RESERVOIR CANAL				To PROVO RIVER		TO UTAH LAKE			
Day MAY	Total in Canal	Diver Canal Water	Shing Creek Water	Other Rights	Total Shing Creek	Total Diver Canal	Diver Canal Water	Shing Creek Water	Other Waters	Total
15	20	...	....	...	#	...	...	...	...	...
16	16	16	...	...	#	26	...	...	...	...
17	24	25	...	...	#	22	...	...	...	...
18	32	32	...	...	#	24	...	...	...	...
19	32	32	...	...	#	39	...	...	...	...
20	54	54	...	...	#	72	...	...	...	...
21	174	174	...	...	#	210	...	...	...	...
22	345	226	78	...	78	222	...	...	...	...
23	337	242	80	...	80	239	...	...	...	...
24	306	262	44	...	82	258	...	(38)	...	...
25	300	260	40	...	84	254	...	(44)	...	...
26	306	260	46	...	86	258	...	(40)	...	...
27	380	226	88	76	88	262	40	...	...	40
28	386	60	106	220	106	256	200	...	...	200
29	386	...	...	386	122	260	262	122	58	442
30	414	...	...	414	138	262	270	138	138	546
31	400+	...	...	400+	147	270	270	147	491	908
Totals		1869	482		1011	2934	1042	407	687	2136
JUNE										
1	400+	...	...	400+	156	112	135	156	617	908
2	"	...	...	"	174	...	...	174	1346	1520
3	"	...	...	"	180	59	59	180	1581	1820
4	"	...	...	"	180	242	242	180	1298	1720
5	"	...	...	"	161	238	238	161	861	1260
6	"	...	...	"	156	238	238	156	706	1100
7	"	...	...	"	156	242	242	156	756	1154
8	"	...	...	"	155	242	242	155	609	1006
9	"	...	...	"	145	242	242	145	551	938
10	"	...	...	"	277	245	245	277	666	1188
11	"	...	...	"	308	255	255	308	779	1342
12	"	...	...	"	222	272	272	222	797	1291
13	"	...	...	"	213	294	294	213	593	1100
14	"	...	...	"	224	294	294	224	479	997
15	"	...	...	"	210	304	304	210	414	928
16	"	...	...	"	202	304	304	202	161	667
17	366	...	...	366	176	271	271	176	146	593
18	344	...	...	344	163	257	257	163	18	438
19	384	...	65	319	142	245	245	77	...	322
20	376	78	115	183	115	240	162	...	...	162
21	360	172	103	85	103	219	47	...	...	47
Totals June		250	283		3818	4815	4588	3535	12378	20501
Grand Tot.		2119	765		4829	7749	5630	3942	13065	22637

C.R.1933.

OUTLINE OF DISTRIBUTION 1933.

Name	May 10- June 20	June 20- July 20	July 20- Sept 1	Sept 1 May 10.
West Union, Smith & Carter	33.47	30.29	27.23	27.14
Park & Nuttal and Barton & Young Ditches.	2.74	2.49	2.18	1.96
Timpanogus Canal Co.	14.12	12.83	11.29	11.29
Upper E.Union & Faucett Fd.	15.16	13.73	12.31	12.19
E.River Bottom Water Co. & City Creek Users.	10.00	9.20	8.20	7.97
Provo City Exc.Waterworks	62.58*	~~58.15~~ 59.15*	55.88*	53.02*
Little Dry Creek	8.43	7.67	6.75	6.75
Fort Field Irrig.Co Upper Canal.	3.59	3.19	2.87	2.30
Lake Bottom Canal Co. Utah Idaho Sugar Co.& A Jorgensen	15.93	14.17	12.75	10.20
Spring Creek Users	7.24	6.58	5.74	5.17
Provo Bench Canal	See Special sheet.			
Provo Reservoir Canal:-				
Of Blue Cliff Right	8.17	11.89	15.42	15.42
Wright Estate Springs and river water less .6 cfs assigned	1.20	1.20	1.20	1.20
Round Valley Creek	3.12	3.12	3.12	3.12
Storage water as shown	. . .	. . .	. . .	. . .
Ontario Tunnel as shwom	. . .	. . .	. . .	. . .
Other than Class"A" as shown	. . .	. . .	. . .	. . .

- -

Provo City and Orem Town waterworks as shown.

- -

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

- -

* The Provo Brick & Tile company, are useing water on two acres of land under Spring Creek, which right was formerly under Provo City system, and the quantity (.04 and .03) is deducted from City and added to Spring Creek.

Provo City storage water of Lost Lake, and the use thereof is as shown from time to time.

TFW:TFW.

C.R.1933.

OUTLINE DISTRIBUTION PROVO BENCH CANAL 1933.

		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 shares	1.24	1.24	1.24
e.	Provo Res. Co. by deed 250 shares	12.50	11.31	10.18
f.	J.D.Dixon, by deed, 31 shares	1.55	1.40	1.26
g.	Provo Res. Co. by deed, 120 shares	6.00	5.43	4.89
h.	Sub-total issued stock	97.55	88.40	79.71
i.	Provo Res. Co. No Cert. 151 shares	7.55	6.83	6.15
j.	Caleb Tanner, No. Cert. 67.5 P.B.Shares	3.38	3.05	2.75
	102 North Union shares .	2.70	2.44	2.20
k.	Sub-total .Class"A" . . .	111.18	100.72	90.81
l.	Provo Res. Co. Class "G" when available.	8.50	8.50	8.50
m.	Sub-total Class "A" and "G", except North Opening of Division Gates	119.68	109.22	99.31
xx	NORTH OPENING OF DIVISION GATES:-			
n.	Provo Res. Co. 655 acre shares,Duty 57.63,70. . .	11.49	10.40	9.36
O.	Caleb Tanner,30.67 acre shares,Duty 57.63,70. . .	0.54	0.49	0.44
p.	Subtotal Class"A"	12.03	10.89	9.80
q.	J.D.Dixon, Class "G" when available	1.50	1.50	1.50
r.	Subtotal Class "A" and "G" thru N. Opening . . .	13.53	12.39	11.30
s.	Grand Total	133.21	121.61	110.61

Note:- The Jensen water noted in letter of march 31,1933, is included in the above with the Provo Reservoir Co.

TFW:TFW.

OUTLINE DISTRIBUTION LOWER END CITY CREEK 1933.

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	10.	
Total	79.70 Acres.	

Less 6.00 of Earl Foote by stock + 73.70

And on 73.70 is 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.
East R.B. W.Co.	7.96	7.35	6.56	6.17
A B & C	1.29	1.17	1.05	1.05
Fred Dustenburg	.327	.298	.262	.243
George Boyce	.308	.281	.246	.229
Mrs. Jane E.Smith	.110	.100	.087	.079
Totals	10.00	9.20	8.20	7.77

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

LOSS AND GAIN ALLOWANCES:

Name	Loss Cfs	Gain Cfs.	
Provo Bench Canal	4.5		
Timpanogus Canal Co.	2.		
U.East Union Canal	2.		
City Creek	1.		
Provo City:			
Union	2.		
Factory Race		4.	Springs.
City Race	-	-	
Tanner Race	-	3.	5th West Drain.
Sub-total	2.	7	
Balance		5	

After July 18, allowed 4 cfs gain.

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

C.R.1933.

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT.

1933.

Date	Time	GH.	Cfs.
4-15	Provo Res. Co. ask for more water; Timpanogus ask for 8 cfs.		
4-16	920a	462)	
	1000a	462(	267.97 No Bulkheads.
	1020a	462)	
4-16	1030a	cut to Gh. 430	
4-17	815a	432)	
	850a	432)	241.41 at 905a cut to 420, will run at 420
4-19	700a	420,	Rain,Provo Res. Co not needing all water in canal on account of storm,-- at 250p raised flume to 450.
4-20	700a	450	
4-21	750a	450	Provo Res. Co ask for more water, cut flume to 420.
4-23	700a	421	
4-24	700a	420	
4-26	325p	418)	216.94 Gravel collecting on screen, probable cause
	405p	418)	of reduced velocity, at 530p raised to 440.
4-27	700a	440	
4-28	Bulkheaded flume this am 12"		
4-28	640p	490	
4-29	930a	491)	234.41 Will run at 490
	1020a	491)	
4-30	700a	490	Flushed out gravel head flume this pm.
5-1	700a	490	
5-2	700a	490	
5-3	900a)	239.10	
	940a(		
	955a cut to 484		
5-5	700a	484	
5-6	700a	484	Snowing
5-7	700p	468	(River low.)(Provo Res. Canal 5.18)
5-8	700a	484	Rain last night.
5-9	700a	466	
5-10	700a	470	Storm
5-12	700a	460	
5-13	700a	442	By dam 00
5-15	700a	425	230p- 310-p Gh 427 195.52 cfs, by dam 00
5-16	810a	425	Turned to Provo Res. thru sandgate 6 rounds
5-16	900a	418	See Weber River notes.
5-16	315p	Raised	sandgate 2 rds.
5-17	700a	410	
5-18	700a	423	
5-19	700a	420	
5-19	204p	432	
5-20	530a	435	River raising.
5-20	1240p	460	
	330p	484	Will hold flume at 484 at present and spill raise to Provo Res. Canal.
5-21	1000a	484	at 400p raised flume to 510 to bring Class "A" to Decree.
5-22	6a	30 cfs	to lake at 915a raised flume to 530.
5-23	700a	540	
5-24	700a	540	River failed to raise this morning, cut flume to 520 that is decreed rights below tailrace.
5-25	940a	520	at 945a cut to 510, in evening Provo Res. begin spilling, at 800p raised flume to 530.
5-26	845a	530	river raising, at 1230p raised flume to 540.
5-27	River begins raising at 1100a;-- pulled 8" bulkheads.		
5-27	500p	522	
5-29	1040a)	528)	300.35
	1120a	532)	

1933 Date	Time	GH.	Cfs.
6-3	700a	533	
6-4	700a	538	
6-5	300a	Turned out for repairs.	
6-9	750a	Turned in. Bulkheads out.	
	700p	500	
6-10	12M	501	
6-12	700a	500	
6-14	700a	492	
6-16	700a	482	
6-17	700a	473	
6-19	700a	458	
6-20	Flashing Dam this am		
6-22	530a	420	Cut to 410 . Bulkheaded flume to-day.
6-23	700a	480	
6-24	623a	480	Cut to 470
6-24	315p	468)	223.02 At 520p raised to 480.
	400p	466(	
6-25	700a	480	
6-27	700a	480	
6-28	700a	480	
6-29	607a	482	Cut to 470, mark river and hold same,"Storage", flume to bear drop.
6-29	700p	450	
6-30	700a	457	
	610p	441	
7-1	700a	454	At 9pm closed sandgate 14rds, reduction Echo Storage.
7-2	620a	456	
	700p	464,	Sorensen, Weber River Com. phones-- Cutting Diver. Canal to 90 cfs at 9am. At 9pm closed sandgate 10 rds.
7-3	700a	458,	Diver. Canal gage 141, at 12M closed sandgate 12 rds. at 750p opened sandgate 2 rds.
7-4	700a	468	
	700p	468	
7-5	700a	470	
7-6	920a	473)	
	1000a	473)	210.16
7-8	700a	496	Storm Last night, raised flume to 510
7-9	12m	500	Raised to 510
	630p	502	
7-10	12m	508	
	330p	504)	214.69 This msr. appears to be off curve.
	415p	502)	
7-11	700a	486	
7-12	700a	482	
7-13	540a	469	Raised.
7-13	700a	482	
	1025a	486	
7-14	700a	475	
7-15	700a	468	
7-16	700a	473	
7-17	700a	468	
7-18	700a	452	Bulkheaeded flume this am.
7-19	555a	497	
	700a	500	
	700p	492	
7-20	700a	492	
7-21	700a	478	Closed sandgate 3 rds at 930a
	455p	472)	
	520p	472)	164.80

1933 Date	Time	GH.	Cfs.
7-22	700a	482	Closed sandgate 3 rds.
7-24	700a	475	
7-25	600a	468	
7-26	700a	470	
	700p	461	
7-27	700a	464	
7-28	700a	457	
7-29	700a	451	Closed sandgate 2 rds.
7-30	910a	456	
7-31	700a	460	
8-1	300p	450)	
	330p	448)	159.19
8-2	700a	450	
8-3	700a	456	
8-6	555p	439	At 6pm closed sandgate 10 rds, reduction in storage.
	700p	454	
8-7	615a	447	Closed sandgate 2 rds.
8-8	Bulkheaded flume to-day.		
8-9	545a	460	
8-10	700a	460	
8-11	700a	470	
8-12	600a	462	
8-14	700a	440	
8-15	700a	428	Closed sandgate 4 rds.
8-16	1000a	437)	139.21 At 1040a closed sandgate 1 rd.
8-17	700a	438	
	400p	446	
8-18	700a	450	
8-19	700a	474	Rain last evening.
8-20	700a	467	
	700p	474	At 9pm closed sandgate 3 rds, cutting P.R.Storage.
8-21	610a	474	
8-22	700a	466	
8-23	700a	457	
8-24	700a	460	
8-25	700a	452	Raised sandgate 1 rd.
8-26	700a	454	
8-27	640a	457	
8-28	700a	456	
8-29	700a	444	
8-30	630a	446	
8-31	700a	436	
9-1	625a	438	
9-2	625a	436	
9-3	700a	442	
9-4	655a	427	
9-5	625a	423	
9-6	647a	429	
9-8	635a	426	
9-9	700a	431	
9-10	640a	434	
9-11	650a	430	
9-12	Closed sandgate at 5ooa,-- storage exhausted.		
	700a	444	
	905a	444)	
	940a	444)	143.30 By Dam leakage approx. 3 cfs.
9-13	Tightening Olmstead Dam to-day.		
9-14	"	"	" " "
	700a	448	
9-15	645a	438	
9-16	700a	442	

1933 Date	Time	GH.	Cfs.
9-17	700a	446	
9-19	700a	434	
9-21	700a	431	
9-23	700a	430	
9-26	700a	489	Storm last night.
9-28	700a	458	
10-5	445p	454	
10-6	700a	458	
10-11	700a	453	
10-18	700a	464	
10-26	700a	482	
11-7	700a	453.	

(11-7-33)TFW:TFW.

C.R.1933.

PROVO RESERVOIR CANAL.

Date 1933.	Time	Canal GH. 1.5'	Canal Cfs x 14'	Lat.#1 GH	Lat.#1 Cfs 1.25SO	Total Cfs.	Remarks
4-16	830a	56	20.72	00		20.72	At 1030a Cut flume to 430
4-16	430p	88	41.58	00		41.58	
4-17	748a	100	50.68	00		50.68	
4-18	630a	112	60.62	00		60.62	
4-19	720a	120	67.62	00		67.62	Reduced on account storm.
4-20	725a	100	50.68	00		50.68	
4-21	730a	82	37.24	00		37.24	Call for more water. Raised.
4-23	900a	100	50.68	00		50.68	
4-24	835a	124	71.26	00		71.26	
4-25	838a	138	84.56	00		84.56	
4-26	846a	152	98.70	00		98.70	
4-27	824a	134	80.64	09	1.84	82.48	
4-28	757a	116	64.12	10	1.93	66.05	
4-29	1114a	112	60.62	08	1.73	62.13	
4-30	830a	155	101.78	08	1.73	103.51	Rain
5-1	820a	130	76.86	00		76.86	
5-2	900a	88	41.58	00		41.58	
5-3	837a	92	44.52	00		44.52	
5-4	810a	104	53.90	00		53.90	
5-5	214p	46	15.40	00		15.40	
5-6	750a	75	32.48	00		32.48	Snowing.
5-7	630p	22	5.18	00		5.18	
5-8	802a	82	37.24	00		37.24	
5-9	800a	48	16.80	00		16.80	
5-12	816a	38	11.62	00		11.62	
5-13	830a	36	10.78	00		10.78	
5-15	745a	34	9.94	00		9.94	
5-16	733a	15	3.08	00		3.08	
5-16	300p	30	8.26	03	1.06	9.32	Raised.
5-17	954a	37	11.20	03	1.06	12.26	
5-18	715a	38	12.62	00		12.62	
5-19	745a	43	13.86	00		13.86	
5-19	200p	44	14.42	00		14.42	
5-20	535a	48	16.38	00		16.38	
5-20	Pm. River raising, holding Olm. flume at gh 484, and spill raise to Provo Reservoir Canal. Change weir to 1' x 14' Supp.						
5-21	500a	98	51.38	25	3.06	54.44	
5-21	1032a	123	73.92	25	3.06	76.98	
	350p	174	129.36	45	4.10	133.46	
	600p	212	178.2		4.1	182.3	
5-22	544a	208	172.62	45	4.1	176.72	
5-23	526a	205	168.42	34	3.56		
5-24	612a	193	153.02	34	3.56	156.58	
5-25	531a	164	117.60	13	2.20	119.80	
	1100a	178	134.12	00		134.12	
	745p	215	They expect to run at this to-night, begin spilling.				
5-26	814a	193	153.02	00		153.02	
	100p	225	185.	00		185.00	Corrected for Sub.
5-27	614a	230	190.	00		190.	" " "
	100p	230	190.	30	3.35	193.35	" " "
5-28	532a	230	190.	30	3.35	193.35	" " "
	Take weir out, rating flume hereafter.						
5-29	537a	292	187.00	21	2.80	189.80	
5-30	757a	305	200.00	47	4.20	204.20	
5-31	546a	300	195.00	47	4.20	199.20	

Date 1933	Time	Canal GH.	Canal Cfs.	Lat.#1. GH.	Lat.#1. Cfs.	Total Cfs.	Remarks.
6-1	544a	305	200.00	47	4.20	204.20	
6-2	558a	300	195.	47	4.20	199.20	
6-3	505a	300	195.	47	4.20	199.20	
6-4	532a	300	195.	47	4.20	199.20	
6-5	814a	305	200.	17	2.52	202.52	
6-6	534a	305	200.	50	4.32	204.32	
6-7	538a	308	203.	50	4.32	207.32	
6-8	612a	308	203.	50	4.32	207.32	
6-9	545a	308	203.	50	4.32	207.32	
6-10	556a	304	199.	50	4.32	203.32	
6-11	600a	308	203.	50	4.32	207.32	
6-12	828a	308	203.	41	3.92	206.92	
6-13	804a	304	199.	40	3.87	202.87	
6-14	602a	305	200.	40	3.87	203.87	
6-15	544a	304	199.	40	3.87	202.87	
6-16	512a	304	199.	38	3.77	202.77	
6-17	529a	305	200.	40	3.87	203.87	At 8a, reduced to fix leak
6-18	542a	274	169.	38	3.77	172.77	2pm Begin taking more.
6-19	838a	309	184.15	42	3.96	188.11	Plank in No.2.
6-20	1230p	305	200.	42	3.96	203.96	
6-21	518a	300	195.	42	3.96	198.96	
6-22	444a	194	97.90	42	3.96	101.86	
	836a	200	103.	42	3.96	106.96	
	704p	194	97.90	42	3.96	101.86	
6-23	511a	275	170.	24	3.00	173.00	
6-24	505a	220	120.	07	1.62	121.62	
6-25	601a	235	133.50	00		133.50	
6-26	518a	223	122.7	00		122.70	
6-27	602a	210	111.50	00		111.50	
6-28	509a	207	108.90	10	1.93	110.83	
6-29	527a	188	92.80	10	1.93	94.73	Started Pump #1 at 1130a
	600p	210	107.89	10	1.93	109.82	
6-30	530a	212	113.2	00		113.2	
7-1	558a	212	113.2	00		113.2	
7-2	547a	193	97.0	00		97.0	Reduction in Echo Storage.
7-3	520a	178	84.13	00		84.13	8pm Started Pump #3.
	740p	162	71.6	00		71.6	
7-4	514a	162	71.6	00		71.6	
7-5	544a	158	68.50	10	1.93	70.43	
7-6	850a	168	76.40	10	1.93	78.33	
	630p	173	80.40	10	1.93	82.33	
7-7	542a	170	78.0	10	1.93	79/93	
7-8	528a	226	125.40	oo		125.40	Storm last evening.
7-9	547a	181	86.8	00		86.8	
	500p	165	74.14	00		74.14	
7-10	514a	168	76.40	00		76.40	
	1144a	166	74.8	00		74.8	
7-11	522a	166	74.8	00		74.8	
7-12	524a	168	76.4	00		76.4	
	816a	165	74.0	00		74.0	
7-13	519a	159	69.2	14	229	71.49	
	900a	153	64.7	10	1.93	66.63	
	535p	152	64.97	10	1.93	66.90	
7-14	508a	152	64.0	10	1.93	65.93	
7-15	528a	162	67.03	00		67.03	
7-16	525a	158	68.5	00		68.5	
7-17	530a	159	69.2	00		69.2	
7-18	526a	156	67.0	00		67.0	
7-19	532a	156	67.0	00		67.0	
7-20	546a	146	59.5	11	2.03	61.53	
7-21	525a	141	54.86	16	2.45	57.31	
7-22	536a	137	52.9	14	2.20	55.10	
7-23	612a	133	50.10	00		50.10	
7-24	622a	136	52.2	00		52.2	

Provo Reservoir Canal -3-

Date 1933	Time	Canal. GH.	Canal. CFS	Lat #1. GH.	Lat #1. Cfs.	Total Cfs	Remarks.
7-25	532a	138	53.6	00		53.6	
7-26	530a	136	52.2	00		52.2	
7-27	531a	137	52.9	00		52.9	
7-28	540a	132	49.40	10	1.93	51.33	
7-29	544a	132	49.4	10	1.93	51.33	
7-30	548a	130	48.0	13	2.20	50.20	
7-31	528a	136	52.2	00		52.2	
	640p	133	49.93	00		49.93	
8-1	536a	135	51.50	00		51.50	
8-2	956a	134	50.8	00		50.8	
8-3	542a	134	50.8	00		50.8	
8-4	546a	133	50.1	00		50.1	
8-5	531a	129	47.3	06	1.50	48.8	
8-6	556a	130	48.0	06	1.50	49.5	
8-7	530a	116	40.05	00		40.05	
8-8	526a	113	39.3	00		39.3	
8-9	528a	113	39.3	00		39.3	
8-10	556a	109	36.9		1.00	37.9	
8-11	546a	111	38.1	00		38.1	
8-12	546a	108	36.4		1.	37.4	
8-13	600a	108	36.4		1.	37.4	
8-14	553a	109	34.9	00		34.9	
	232p	107	33.8	00		33.8	
8-15	600a	106	36.3	00		36.3	
8-16	830a	100	32.20	00		32.20	
8-17	555a	98	31.0	00		31.0	
8-18	558a	98	30.7	00		30.7	
8-19	554a	102	33.1	00		33.1	
8-20	600a	97	30.6	04	1.	31.6	
8-21	555a	93	28.3		1.25	29.55	
8-22	800a	93	28.3	00		28.3	
8-23	555a	93	28.3	00		28.3	
8-24	610a	93	28.5	00		28.5	
8-25	852a	87	25.	08	1.73	26.73	
8-26	607a	87	25.6	08	1.73	27.33	
8-27	610a	93	28.5	00		28.5	
8-28	614a	95	29.4	00		29.4	
8-29	610a	94	28.9	00		28.9	
8-30	612a	92	27.7	04	1.22	28.92	
8-31	557a	94	28.7	00		28.7	
9-1	556a	94	28.7	00		28.7	
9-2	612a	90	26.6	00		26.6	
9-3	831a	93	28.5	02	0.86	29.36	
9-4	641a	93	28.3	00		28.3	
9-5	614a	93	28.5	00		28.5	
9-6	635a	93	28.3	00		28.3	
9-7	550a	92	28.0	02	0.86	28.86	
9-8	616a	94	28.7	00		28.7	
9-9	612a	94	29.0	00		29.0	
9-10	617a	94	28.7	00		28.7	
9-11	616a	93	28.5	00		28.5	
9-12	1030a	76	18.95	00		18.95	Storage exhausted.
	This point on Standard Curve.						
9-13	600a	75	18.70	00		18.70	
9-14	816a	73	18.0				
9-15	618a	71	17.3	00		17.3	
9-17	819a	66	15.8	03	1.06	16.86	
9-19	806a	78	19.8	00		19.8	

Date 1933.	Time	Canal GH.	Canal Cfs.	Lat #1. GH	Lat #1. Cfs	Total Cfs.	Remarks.
9-21	606a	66	15.8	03	1.06	16.86	
9-23	756a	68	16.40	00		16.40	
9-26	636a	69	16.70	00		16.70	
9-28	812a	69	16.70	00		16.7	
10-5	415p	68	16.4	00		16.4	
10-6	900a	66	15.8	00		15.8	
10-7	944a	66	15.8	00		15.8	
10-11	800a	84	22.3	00		22.3	
10-13	816a	78	19.8	00		19.8	
10-18	816a	66	15.8	00		15.8	
10-21	Started Pump #2 at 1000pm						
10-22	816a	85	22.7	00		22.7	
10-26	820a	85	22.7	00		22.7	
11-30	At 400p closed down pumps. "Storm."						
	- - - - - - - - - - - - - -						
12-1	800	est.	5.00			5.00	

C.R.1933.

PROVO CITY IRRIGATION SYSTEM.

East Union and Tanner Race 1' x 8' Supp. Weirs.
City Race .5' x 8' Supp. Weir corrected for submergence.
Factory Race 14' Rating Flume.

1933	E.Union			Factory	City Race			Tanner Race			Total
Date	Time	GH.	Cfs	Race	Time	GH	Cfs	Time	GH	Cfs	Cfs
4-25	1010a	46	9.04	39.	1014a	80	4.71	1024a	39	7.04	59.79
4-27	700a	44	8.40	43.	704a	70	2.50	714a	28	4.24	58.14
4-28	920a	48	9.60	31.	924a	80	4.71	936a	44	8.40	53.71
4-29	750a	56	12.24	33.	754a	94	8.51	807a	48	9.60	63.35
5-1	910a	60	13.52	29.	924a	90	7.37	940a	48	9.60	59.49
5-3	7-8a	66	15.76	30.	7-8a	94	8.51	7-8a	50	10.24	64.51"B"
5-4	630a	60	13.52	31.	635a	98	9.73	645a	50	10.24	64.49
5-5	730a	58	12.88	30.	735a	86	6.23	800a	50	10.24	59.35
5-8	700a	56	12.24	31.	655a	100	10.41	645a	52	10.88	64.53"B"
5-16	1120a	52	10.88	32.6	1124a	88	6.76	1132a	47	9.28	59.52
5-18	200p	58	12.88	26.	204p	97	9.42	218p	40	7.28	55.58
5-19	256p	64	15.04	12.	252p	92	7.90	315p	36	6.24	41.18
5-20	622a	68	16.48	6.	626a	112	14.67	636a	50	10.24	47.39
5-22	600p	68	16.48	8.	604p	130	21.96	624p	56	12.24	58.68
5-23	645a	56	12.24	12.	645a	114	15.43	700a	54	11.52	51.19
5-25	611a	68	16.48	7.	607a	116	16.19	624a	50	10.24	49.91
5-27		68	16.48			120	17.78		60	13.52	
5-28	620a	70	17.20	21.	615a	108	13.15	600a	52	10.88	62.23
5-29	710a	70	17.20	30.	714a	110	13.91	725a	48	9.60	70.71
5-31	626a	75	19.20	28.	630a	122	18.62	642a	54	11.52	77.34
6-2	632a	76	19.60	28.	636a	110	13.91	700a	54	11.52	73.03
6-3	730a	84	22.96	35.2	745a	122	18.62	800a	65	15.36	92.16
6-5	930a	84	22.96	40.	934a	130	21.96	944a	64	15.04	99.96
6-6	620a	76	19.60	38.	624a	120	17.78	635a	64	15.04	90.42
6-7	723a	78	20.40	40.8	727a	128	21.13	735a	59	13.20	94.73
6-9	700a	78	20.40	28.8	705a	132	22.87	730a	62	14.24	86.31
6-10	650a	78	20.40	33.	654a	128	21.13	911a	67	16.08	90.61
6-11	700a	82	22.08	38.2	710a	128	21.13	728a	67	16.08	97.49
6-12	700a	82	22.08	28.6	705a	134	23.78	715a	64	15.04	89.50
6-14	700a	82	22.08	26.	704a	130	21.96	715a	62	14.24	84.28
6-15	630a	78	20.40	22.8	634a	130	21.96	648a	62	14.24	79.40
6-16	7ooa	78	20.40	22.8	705a	130	21.96	718a	60	13.52	78.68
6-17	625a	77	20.00	24.4	629a	120	17.78	700a	60	13.52	75.70
6-19	1037a	78	20.40	32.	1041a	127	20.67	140p	58	12.88	85.95
6-20	200p	74	18.80	33.4	204p	130	21.96	215p	62	14.24	88.40
6-21	612a	72	18.00	6.	616a	100	10.41	627a	58	12.88	47.29
6-22	611p	72	18.00	8.	600p	118	16.95	550p	59	13.20	56.15
6-23	638a	82	22.08	3.	642a	122	18.62	652a	62	14.24	57.94
6-25	633a	86	23.84	3.	637a	124	19.38		56	12.24	58.46
6-26	629a	85	23.44	3.	625a	117	16.57	639a	46	9.04	52.05
6-27	300p	80	21.28	3.	306p	110	13.91	330p	36	6.24	44.43
6-28	606a	76	19.60	3.	610a	110	13.91	621a	44	8.40	44.91
6-29	300p	80	21.28	3	304p	112	14.67	330p	42	7.84	46.79
6-30	610a	74	18.80	3	614a	106	12.46	624a	44	8.40	42.66
7-1	632a	72	18.00	3.	636a	109	13.53	643a	43	8.16	42.69
7-3	621a	69	16.88	3	625a	109	13.53	632a	38	6.72	40.13
7-4	800a	76	19.60	3	810a	110	13.91	830a	40	7.28	43.79
7-5	620a	70	17.20	3.	624a	106	12.46	635a	38	6.72	39.38
7-6	610a	76	19.60	3	614a	108	13.15	625a	40	7.28	45.03
7-7	620a	76	19.60	3	624a	115	15.81	634a	50	10.24	48.65
7-8	604a	65	15.36	7.	608a	118	16.95	618a	50	10.24	49.55
7-9	635a	67	16.08	4	640a	114	15.43	652a	48	9.60	45.11
7-10	554a	60	13.52	4.	558a	119	17.33	610a	46	9.04	43.89
7-11	554a	64	15.04	4	558a	116	16.19	610a	34	5.76	40.99
7-12	145p	64	15.04	4	138p	116	16.19	130p	36	6.24	42.67
7-13	610a	56	12.24	4. 4.D	606a	106	12.46	625a	28	4.28	36.98
7-14	544a	66	15.76	2	548a	118	16.95	610a	50	10.24	44.95

C.R.1933.

PROVO CITY IRRIGATION SYSTEM.-2-

1933	E.Union			Factory		City Race			Tanner Race			Total
Date	Time	Gh	Cfs	Race		Time	GH	Cfs.	Time	GH.	Cfs	Cfs.
7-15	613a	62	14.24	3.		609a	109	13.53	625a	48	9.60	40.37
7-16	604a	64	15.04	3		600a	110	13.91	615a	50	10.24	42.19
7-17	606a	62	14.24	3.5		602a	106	12.46	616a	38	6.72	36.92
7-18	604a	52	10.88	3.		600a	102	11.09	614a	34	5.76	30.73
7-19	623a	64	15.04	3.		619a	98	9.73	700a	40	7.28	35.05
7-20	634a	64	15.04	2.		630a	100	10.41	645a	36	6.24	33.69
7-21	630a	64	15.04	2.		626a	98	9.73	642a	34	5.76	32.53
7-22	614a	68	16.48	2		608a	101	10.71	628a	36	6.24	35.43
7-23	700a	62	14.24	2		704a	104	11.78	715a	34	5.76	33.78
7-24		62	14.24	2.			104	11.78		30	4.72	32.74
7-25	630a	60	13.52	2		626a	98	9.73	641a	32	5.20	30.45
7-26	608a	64	15.04	2		603a	102	11.09		32	5.20	33.33
7-27	610a	65	15.36	2		606a	105	12.08	621a	35	6.00	35.44
7-28	621q	61	13.92	2		617a	98	9.73	635a	35	6.00	31.65
7-29	624a	58	12.88	2		620a	94	8.51	650a	28	4.24	27.63*
7-30	1000a	69	16.88	2		950a	100	10.41	1012a	36	6.24	35.53
7-31	611a	68	16.48	2		607a	100	10.41	621a	37	6.48	35.37
8-1	610a	64	15.04	2.	D3.	614a	100	10.41	624a	36	6.24	36.69
8-2	1104a	69	16.88	2		1100a	100	10.41	1120a	31	4.96	34.25
8-3	616a	69	16.88	2		612a	103	11.40	626a	32	5.20	35.48
8-4	626a	70	17.20	2		622a	100	10.41	638a	32	5.20	34.81
8-5	650a	70	17.20	2		646a	98	9.73	700a	34	5.76	34.69
8-6	630a	66	15.76	2		634a	96	9.12	644a	34	5.76	32.64
8-7	647a	67	16.08	2		643a	102	11.09	700a	40	7.28	36.45
8-8	600a	71	17.60	2		556a	104	11.78	610a	34	5.76	37.14
8-9	619a	68	16.48	2	D3.	615a	94	8.51	630a	28	4.24	34.23
8-9	1124a	66	15.76	2	D3.	1120a	98	9.73	1137a	34	5.76	36.25
8-10	628a	66	15.76	2	D3	632a	96	9.12	642a	32	5.20	35.08
8-11	621a	66	15.76	2		615a	100	10.41	631a	33	5.44	33.61
8-13	652a	65	15.36	2		656a	93	8.21	703a	30	4.72	30.29
8-14	634a	63	14.64	2	D3	630a	90	7.37	645a	30	4.72	31.73
8-15	715a	62	14.24	2	D3	719a	90	7.37	730a	29	4.48	31.09
8-16	1120a	66	15.76	2		1115a	95	8.82	1219p	28	4.24	30.82
8-17	627a	66	15.76	2		623a	97	9.42	637a	32	5.20	32.38
8-18	634a	66	15.76	2		630a	97	9.42	644a	31	4.96	32.14
8-19	634a	66	15.76	2		630a	108	13.15	650a	43	8.16	37.07
8-20	644a	66	15.76	2		640a	111	14.29	700a	40	7.28	39.33
8-21	653a	67	16.08	2		649a	115	15.81	704a	42	7.84	41.73
8-22	600a	66	15.76	2	D3	604a	100	10.41	615a	38	6.72	37.89
8-23	638a	64	15.04	2		633a	100	10.41	648a	33	5.44	32.89
8-24	6-7a	66	15.76	2		6-7a	106	12.46	6-7a	34	5.76	35.98
8-25	940a	66	15.76	2		936a	109	13.53	954a	35	6.00	37.29
8-26	641a	64	15.04	2		637a	108	13.15	656a	36	6.24	36.43
8-28	654a	60	13.52	2		650a	102	11.09	705a	35	6.00	34.61
8-29	704a	57	12.56	2		700a	99	10.03	714a	33	5.44	30.03
8-30	200p	56	13.74L	2		155p	95	8.82	212p	31	4.96	29.42
8-31	642a		14.38	2		638a	96	9.12	655a	30	4.72	30.16
9-1	914a	66	15.76	2		909a	100	10.41	926a	30	4.72	32.89
9-2	853a	62	14.24	2		849a	102	11.09	900a	30	4.72	32.05
9-4	723a	54	11.52	2		719a	90	7.37	732a	32	5.20	26.09
9-5	649a	50	10.24	2		645a	88	6.76	700a	32	5.20	24.20Rsd.
9-6	714a	54	11.52	2		710a	90	7.37	728a	30	4.72	25.61
9-8	710a	54	11.52	2	D2	707a	90	7.37	722a	26	3.84	26.73
9-10	910a	60	13.52	2		914a	100	10.41	924a	26	3.84	29.77
9-11	710a	62	14.24	2		714a	98	9.73	730a	27	4.08	30.05
9-13	634a	56	12.24	2		630a	96	9.12	644a	26	3.84	27.20
9-14	909a	60	13.52	2		905a	98	9.73	1010a	30	4.72	29.97

C.R.1933.

PROVO CITY IRRIGATION SYSTEM #3-

1933	E Union.			Factory	City Race			Tanner Race			Total
Date	Time	GH.	Cfs.	Race	Time	GH.	Cfs.	Time	GH.	Cfs.	Cfs.
9-17	930a	58	12.88	2.	924a	95	8.82	1010a	30	4.72	28.42
9-21	641a	56	12.24	2	635a	94	8.51	650a	28	4.24	26.99
9-23	854a	54	11.52	2	850a	90	7.37	905a	28	4.24	25.13
9-26	800a	60	13.52	2	810a	98	9.73	830a	30	4.72	29.97
9-28	900a	62	14.24	2	855a	106	12.46	912a	39	7.04	35.74
10-5	520p	60	13.52	2	524p	110	13.91	534p	42	7.84	37.27
10-6	1004a	59	13.20	2	1000a	110	13.91	1016a	42	7.84	36.95
10-7	902a	58	12.88	2	906a	108	13.15	856a	42	7.84	35.87
10-18	855a	44	8.40	2	900a	120	17.78	912a	48	9.60	37.78
10-22	900a	44	8.40	2	905a	110	13.91	915a	42	7.84	32.15
10-31	Storm.										

11-4 Turned into Factory Race. Began Construction of Tanner Race Dam.

D3. D2, Dixon Ditch Cfs , used by Brickyard.

* Probably stream being used by Brickyard.

C.R.1933.

LOST CREEK TO PROVO CITY WATERWORKS.

1933

Day	MAY Cfs.	MAY Acft.	MAY Time	JUNE Cfs.	JUNE Acft	JUNE Time	JULY Cfs	JULY Acft.	JULY Time
1	1.93	3.86		2.83	5.66		2.83	5.66	
2	1.77-0	2.06	2pm	2.83	5.66		2.83	5.66	
3	..	..		2.83	5.66		2.83	5.66	
4	..	..		2.83	5.66		2.83	5.66	
5	..	..		0.88	1.76		2.83	5.66	
6	..	..		0.88	1.76		2.83	5.66	
7	..	..		0.88	1.76		2.83	5.66	
8	..	..		0.88	1.76		2.83	5.66	
9	..	..		0.88-0	0.66	9a	2.83-0	3.18	130p
10	..	..		..	..		..	..	
11	..	..		0-3.02	3.15	1130a	..	..	
12	..	..		3.02	6.04		0-2.73	0.23	1100p
13	..	..		3.02-1.71	5.11	330p	2.73	5.46	
14	..	..		1.61	3.22		2.73	5.46	
15	..	..		1.57	3.14		2.73	5.46	
16	..	..		1.47	2.94		2.73	5.46	
17	..	..		1.47	2.94		2.73	5.46	
18	..	..		1.47	2.94		2.73	5.46	
19	0-.88	0.29	8p	1.47-3.02	5.23	530a	2.73	5.46	
20	0.75	1.50		2.93	5.86		2.73	5.46	
21	2.92	5.84		2.93	5.86		2.73	5.46	
22	3.12	6.24		2.93	5.86		2.55	5.10	
23	2.92	5.84		2.93	5.86		2.55	5.10	
24	2.83	5.66		2.93	5.86		2.55	5.10	
25	2.74	5.48		2.93	5.86		2.55	5.10	
26	2.83	5.66		2.93	5.86		2.55	5.10	
27	2.83	5.66		2.93	5.86		2.55	5.10	
28	2.83	5.66		2.93	5.86		2.55	5.10	
29	2.83	5.66		2.93	5.86		2.55	5.10	
30	2.83	5.66		2.93	5.86		2.55	5.10	
31	2.83	5.66		----	----		2.55	5.10	
Totals		70.73			129.31			148.83	

APRIL				AUGUST			
24	0-2.46	2.15	130p	1	2.55	5.10	
25	2.46	4.92		2	2.55	5.10	
26	2.46-0	1.74	830a	3	2.55	5.10	
28	0-2.28	2.09	100p	4	2.55	5.10	
29	2.28	4.56		5	2.55	5.10	
30	2.28	4.56		6	2.55-0	1.70	8a.
Totals		20.02				27.20	

m

SUMMARY.

April	20.02
May	70.73
June	129.31
July	148.83
Aug	27.20

Totals 396.09 Acre Feet.

TFW:TFW.

C.R.1933.

PROVO BENCH CANAL.

1933 Date	Time	1' x 14'S Weir GH.	Cfs.	BSO North Opening. Area	GH	Cfs	Stevens Recorder Time	GH.	Total Cfs	
April										
Irrigation begins about April 1st.										
4-8	Turned out to clean.									
4-14	Turned in.									
4-16	1130a	120	70.98		00	00	1135a	163	70.98	
4-16	Started Recorder.									
4-25	820a	154	106.12	3	8½	12.36	825a	210	118.48	
4-27	810a	157	109.48	4.5	3 1/8	11.25	..	..	120.73	
4-28	745a	151	102.76		3 1/8	11.25	..	..	114.01	
4-29	1121a	144	95.20		3	11.02	..	..	106.22	
May										
5-1	755a	157	109.48		3 1/8	11.25	800a	214	120.73	
5-2	846a	150	101.64		3 1/8	11.25	..	..	112.89	
5-3	825a	153	105.00		3 1/8	11.25	..	..	116.25	
5-5	200p	154	106.12		3 1/8	11.25	..	..	117.37	9-10-11
5-8	750a	154	106.12		3 1/8	11.25	..	..	117.37	
5-12	755a	110	61.74		2 1/4	9.54	800a	160	71.28	Storm.
5-15	Raised to same as 5-11									
5-16	720a	149	100.66		3	11.02	..	..	111.68	
5-17	935a	147	98.42		2 3/4	10.53	..	..	108.95	
5-18	1240p	137	87.92		1½	7.78	..	..	95.70	
5-19	150p	140	91.00		1 3/4	8.41	..	..	99.41	
5-20	800a	130	80.78		1 3/4	8.41	..	..	89.19	
5-21	555a	149	100.66	4.5	2	9.00	600a	207	109.66	
5-22	530a	163	116.34		3½	11.88	..	..	128.22	
5-23	510a	184	141.54		4½	13.50	..	..	155.04	
5-24	600a	194	154.28		4½	13.50	..	..	167.78	
5-25	520a	168	122.22		3½	11.88	..	..	134.10	
5-26	800a	164	117.60		3½	11.88	..	..	129.48	
5-27	600a	180	136.64		3 7/8	12.51	..	..	149.15	
5-27	130p	198	159.46		4½	13.50	135p	264	172.96	
5-28	520a	198	159.46		4½	13.50	..	..	172.96	
5-29	525a	198	159.46		4½	13.50	..	..	172.96	
5-30	725a	203	165.76		4½	13.50	730a	266	179.26	
5-31	530a	212	178.20		4½	13.50	..	..	191.70	
June										
6-1	530a	195	155.54		4½	13.50	..	..	169.04	
6-2	545a	198	159.46		4½	13.50	..	..	172.96	
6-3	454a	204	167.02		4½	13.50	..	..	180.52	
6-4	510a	210	175.42		4½	13.50	515a	273	188.92	
6-5	652a	198	159.46		4½	13.50	..	..	172.96	
6-6	521a	196	156.80		4½	13.50	..	..	170.30	
6-7	525a	191	150.36		4½	13.50	..	..	163.86	
6-8	600a	188	146.58		4½	13.50	..	..	160.08	
6-9	532a	193	153.02		4½	13.50	..	..	166.52	
6-10	535a	198	159.46		4½	13.50	540a	260	172.96	
6-11	548a	198	159.46		4½	13.50	..	..	172.96	
6-12	755a	200	161.98		4½	13.50	800a	264	175.48	
6-13	745a	196	156.80		4½	13.50	..	..	170.30	
6-14	550a	195	155.54		4½	13.50	..	..	169.04	
6-15	530a	198	159.46		4 3/8	13.32	..	..	172.78	
6-16	500a	198	159.46		4 3/8	13.32	..	..	172.78	
6-17	515a	192	151.62		4½	13.50	..	..	165.12	
6-18	530a	200	161.98		4½	13.50	..	..	175.48	
6-19	755a	198	159.46		4½	13.50	800a	266	172.96	
6-20	130p	200	161.98		4 3/4	13.86	135p	267	175.84	
6-21	506a	193	153.02		4½	13.50	..	..	166.52	
6-22	430a	178	134.12		4	12.73	..	..	146.85	
6-22	824a	155	107.24		3 3/4	12.33	..	..	119.57	
6-23	500a	150	101.64		3 1/4	11.47	..	..	113.11	
6-24	450a	155	107.24		3	11.02	..	..	118.26	

PROVO BENCH CANAL.

1933. Date	Time	Weir. GH	Weir. Cfs.	North Opening Area	North Opening GH	North Opening Cfs.	Recorder Time	Recorder GH	Total Cfs	
6-25	540a	157	109.48	4.5	3	11.02	545a	226	120.50	
6-26	510a	155	107.24		3	11.02	..	..	118.26	
6-27	550a	154	106.12		3	11.02	..	..	117.14	
6-28	450a	154	106.12		3	11.02	..	..	117.14	
6-29	516a	153	105.00		3	11.02	..	..	116.02	
6-29	540p	144	95.20		2 5/8	10.30	..	..	105.50	
6-30	516a	143	94.22		2 3/8	9.81	..	..	104.03	
July										
7-1	540a	138	88.90		2 1/4	9.54	545a	190	98.44	
7-2	530a	137	87.92		2 1/4	9.54	..	..	97.46	
7-3	500a	140	91.00		2½	10.03	..	..	101.03	
7-4	500a	137	87.92		2 1/4	9.54	..	..	97.46	
7-5	530a	141	91.98		2 1/8	9.27	..	..	101.25	
7-6	510a	140	91.00		2 1/8	9.27	..	..	100.27	
7-7	530a	145	96.32		2 1/8	9.27	..	..	105.59	
7-8	515a	147	98.42		2 1/8	9.27	..	..	107.69	
7-9	525a	146	97.44		2 1/4	9/54	530a	227	106.98	
7-10	500a	147	98.42		2½	10.03	..	..	108.45	
7-11	512a	143	94.22		2 3/8	9.81	..	..	104.03	
7-12	514a	136	86.94		2 1/8	9.27	..	..	96.21	
7-12	800a	135	85.82		1 7/8	8.68	..	..	94.50	
7-13	505a	130	80.78		1 7/8	8.68	..	..	89.46	
7-13	955a	131	81.76		1 7/8	8.68	..	..	90.44	
7-14	454a	130	80.78		1 7/8	8.68	..	..	89.46	
7-15	515a	128	78.82		1 7/8	8.68	..	..	87.50	
7-16	455a	129	79.80		1 5/8	8.10	500a	218	87.90	
7-17	505a	127	77.84		1 5/8	8.10	..	..	85.94	
7-18	515a	124	74.90	3.75	2 1/4	7.95	..	..	82.85	
7-18	717a	123	73.92		1 3/4	7.01	..	..	80.93	
7-19	520a	122	72.94		1 3/4	7.01	..	..	79.95	
7-20	530a	122	72.94		1 7/8	7.23	..	..	80.17	
7-21	510a	120	70.98		1 3/4	7.01	..	..	77.99	
7-22	520a	120	70.98		1 7/8	7.23	..	..	78.21	
7-23	555a	120	70.98		1 3/4	7.01	600a	218	77.99	
7-24	610a	121	71.96		1 3/4	7.01	..	..	78.97	
7-25	520a	119	70.00		1½	6.48	..	..	76.48	
7-26	516a	114	65.38		1 5/8	6.75	..	..	72.13	
7-27	515a	116	67.20		1 5/8	6.75	..	..	73.95	
7-28	530a	113	64.54		1 5/8	6.75	..	..	71.29	
7-29	500a	110	61.74	3	2½	6.69	510a	190	68.43	
7-30	530a	110	61.74		2 3/8	6.54	..	..	68.28	
7-31	515a	118	69.16		2 3/4	7.02	..	..	76.18	Storm
August										
8-1	525a	112	63.56		2½	6.69	..	..	70.25	
8-2	945a	114	65.38		2 3/8	6.54	..	..	71.92	
8-3	515a	110	61.74		2 3/8	6.54	520a	194	68.28	
8-4	530a	113	64.54		2 3/8	6.54	..	..	71.08	
8-5	515a	110	61.74		2 3/8	6.54	..	..	68.28	
8-6	545a	104	56.42		2	6.00	..	..	62.42	
8-7	510a	110	61.74		2 1/4	6.36	..	..	68.10	
8-8	510a	112	63.56		2 1/4	6.36	..	..	69.92	
8-9	510a	111	62.58		2 1/4	6.36	..	..	68.94	
8-9	855a	106	58.24		2 1/4	6.36	900a	193	64.60	
8-10	540a	107	59.08		2 1/8	6.18	..	..	65.26	
8-11	530a	107	59.08		2 1/8	6.18	..	..	65.26	
8-12	530a	106	58.24		2 1/8	6.18	..	..	64.42	
8-13	535a	103	55.58		2	6.00	540a	188	61.58	
8-14	540a	101	53.90		2	6.00	..	..	59.90	
8-14	220p	97	50.54		1 5/8	5.40	..	..	55.94	
8-15	545a	96	49.70		1 3/4	5.61	..	..	55.31	
8-16	810a	98	51.38		1½	5.19	..	..	56.57	

C.R.1933.

PROVO BENCH CANAL

1933 Date	Time	Weir. GH	Weir. Cfs	North Opening. Area	North Opening. GH	North Opening. Cfs.	Recorder. Time	Recorder. GH.	Total Cfs.	
8-17	540a	98	51.38	3	1½	5.19	..	..	56.57	
8-18	545a	101	53.90		1 3/4	5.61	..	..	59.51	
8-19	540a	109	60.90		1 3/4	5.61	..	..	66.51	Rain
8-20	525a	106	58.24		1 7/8	5.79	530a	196	64.03	
8-21	540a	109	60.90		2 1/8	6.18	..	..	67.08	
8-22	748a	113	64.54		2	6.00	..	..	70.54	
8-23	540a	109	60.90		2	6.00	..	..	66.90	
8-24	600a	104	56.42		2	6.00	..	..	62.42	
8-25	830a	106	58.24		2	6.00	..	..	64.24	
8-26	555a	105	57.40		2	6.00	..	..	63.40	
8-27	545a	104	56.42		2	6.00	550a	198	62.42	
8-28	600a	106	58.24		2	6.00	..	..	64.24	
8-29	550a	104	56.42		1 7/8	5.79	..	..	62.21	
8-30	600a	103	55.58		1 7/8	5.79	..	..	61.37	
8-31	548a	102	54.74		1 7/8	5.79	..	..	60.53	
September										
9-1	545a	103	55.58		1 3/4	5.61	..	..	61.19	
9-2	600a	103	55.58		1 3/4	5.61	..	..	61.19	
9-3	805a	106	58.24		1 7/8	5.79	810a	200	64.03	
9-4	630a	100	52.92		1 3/4	5.61	..	..	58.53	
9-5	600a	102	54.74		1 3/4	5.61	..	..	60.35	
9-6	620a	102	54.74		1 3/4	5.61	..	..	60.35	
9-7	540a	102	54.74		1 3/4	5.61	..	..	60.35	
9-8	600a	102	54.74		1 3/4	5.61	..	..	60.35	
9-9	600a	105	57.40		1 3/4	5.61	..	..	63.01	
9-10	555a	105	57.40		1 3/4	5.61	600a	202	63.01	
9-11	600a	103	55.58		1 3/4	5.61	..	..	61.19	
9-12	810a	106	58.24		1 7/8	5.79	..	..	64.03	
9-13	545a	106	58.24		1 7/8	5.79	..	..	64.03	
9-14	800a	108	59.92		1 7/8	5.79	..	..	65.71	
9-15	605a	106	58.24		2	6.00	..	..	64.24	
9-17	755a	106	58.24		2	6.00	800a	204	64.24	
9-19	755a	105	57.40		1 7/8	5.79	..	..	63.19	
9-21	550a	104	56.42		2	6.00	..	..	62.42	
9-23	745a	103	55.58		1 7/8	5.79	..	..	61.37	
9-26	625a	112	63.56		2 1/8	6.18	..	..	69.74	
9-28	755a	110	61.74		2	6.00	800a	207	67.74	
October.										
10-5	400p	105	57.40		2	6.00	..	..	63.40	
10-6	845a	106	58.24		1 7/8	5.79	..	..	64.03	
10-7	956a	112	63.56		2	6.00	..	..	69.56	
10-13	755a	110	61.74		2	6.00	800a	204	67.74	
10-18	755a	112	63.56		2	6.00	800a	198	69.56	
10-22	800a	100	52.92		2	6.00	..	..	58.92	Raised.
10-26	800a	112	63.56		2	6.00	..	..	69.56	
10-31	Storm.									
November.										
11-9	800a	163	116.34		00	00	..	..	116.34	

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

TFW:TFW.

C.R.1933

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

West Union Weir 1' x 12' Supp.
River Gage Below West Union Dam.

1933. Date	Time	W.Union. Gh.	W.Union. Cfs.	River Gage	Park & Nuttal Ditch	Barton & Young Ditch.
4-16	1117a	32	7.80			
4-25	843a	64	22.56	50	2.79	00
4-27	830a	78	30.60	53	2.79	00
4-28	802a	74	28.20	54	2.79	1.98
4-29	1109a	76	29.40	58	2.79	
5-1	827a	75	28.80	56	2.79	00
5-2	906a	74	28.20	61	2.79	00
5-3	841a	72	27.00	60	2.79	00
5-5	222p	74	28.20		3.24	00
5-8	808a	76	29.40	58	3.24	00
5-12	822a	40	12.46	75		
5-16	740a	42	11.76	53	1.14	00
5-17	1000a	42	11.76	52	1.14	00
5-18	720a	62	21.36	48	3.24	00
5-19	221p	68	24.72	55	3.24	00
5-20	600a	66	23.64	62	3.24	00
5-21	506a	68	24.72	70		
5-22	549a	82	33.12	67		
5-23	540p	92	39.84	70		
5-24	620a	88	37.08	53		
5-25	542a	87	36.48	63	3.45	00
5-26	820a	84	34.44	68	2.79	
5-27	621a	88	37.08	63		
5-27	1125a	100	45.36	85		
5-27	200p	102	46.92	81		
5-28	538a	95	41.88	72		
5-29	545a	100	45.36	94	3.93	
5-30	804a	106	49.92	110		
5-31	556a	108	51.36			
6-2	604a	108	51.36			
6-3	526a	115	56.88			
6-4	544a	115	56.88			
6-5	515a	115	56.88			
6-6	540a	115	56.88			
6-7	554a	112	54.48			
6-8	616a	110	52.92			
6-9	548a	115	56.88	..	5.28	
6-10	600a	114	56.04	..	0.77	
6-11	604a	115	56.88			
6-12	834a	115	56.88	..	5.28	2.79
6-13	808a	115	56.88			
6-14	606a	114	56.04			
6-15	552a	115	56.88			
6-16	516a	114	56.04	..	5.28	
6-17	544a	115	56.88	..	5.28	
6-18	546a	114	56.04	..	5.28	
6-19	942a	112	54.48	100	4.32	00
6-20	1218p	114	56.04	84	3.55	
6-21	524a	94	41.16	62	3.30	
6-22	448a	76	29.40	40		
6-22	840a	74	28.20	48		
6-23	522a	78	30.60	45	00	2.79
6-24	516a	76	29.40	46		
6-25	607a	79	31.20	48	3.55	00
6-26	600a	79	31.20	48	3.30	00
6-27	606a	80	31.92	45	00	00
6-28	530a	76	29.40	..	00	00

WEST UNION CANAL AND RIVER GAGE
P & N AND B & Y DITCHES.

1933 Date	Time	W.Union. GH.	W.Union. Cfs.	River Gage	Park & Nuttal Ditch	Barton & Young. Ditch
6-29	538a	78	30.60	48	00	00
6-29	642p	72	27.00	42	3.06	
6-30	534a	72	27.00	42	3.06	00
7-1	604a	74	28.20	44	00	2.79
7-2	556a	73	27.60	42	00	2.79
7-3	554a	70	25.80	42	3.-	00
7-4	521a	71	26.40	44	3.06	00
7-5	550a	70	25.80	40	3.	
7-6	535a	72	27.00	42	00	00
7-7	546a	74	28.20	47	00	00
7-8	534a	72	27.00	43	2.82	00
7-9	552a	75	28.80	42	2.60	00
7-10	517a	75	28.80	43	00	3.-
7-11	526a	72	27.00	40	3.5	
7-12	530a	70	25.80	40	2.31	00
7-12	830a	69	25.32	44	2.71	00
7-13	526a	68	24.72	40	2.82	00
7-13	843a	65	23.04	44	2.71	
7-14	512a	65	23.04	42	00	00
7-15	534a	64	22.56	40	00	00
7-16	532a	64	22.56	40	2.60	00
7-17	535a	63	21.96	39	2.6	00
7-18	530a	62	21.36	35	00	2.31
7-19	538a	59	19.80	36	2.5	00
7-20	555a	59	19.80	37	2.16	00
7-21	600a	58	19.32	35	1.84	00
7-22	543a	60	20.28	37	00	00
7-23	619a	58	19.32	35	00	00
7-24	630a	59	19.80	34	00	00
7-25	545a	60	20.28	35	2.26	00
7-26	534a	58	19.32	36	2.6	00
7-27	535a	60	20.28	37	00	2.8
7-28	553a	58	19.32	35	1.95	00
7-29	553a	57	18.84	34½	2.16	00
7-30	552a	56	18.36	38	00	00
7-31	532a	60	20.28	40	00	00
8-1	540a	54	17.28	39	00	00
8-2	1006a	56	18.36	39	2.16	00
8-3	546a	55	17.76	38	2.16	00
8-4	550a	56	18.36	39	00	2.1
8-5	620a	54	17.28	39	3.26C	
8-6	606a	54	17.28	38	2.16	00
8-7	607a	56	18.36	41	2.16	00
8-8	532a	54	17.28	40	00	00
8-9	532a	54	17.28	36	00	00
8-10	602a	53	16,80	39	2.48	00
8-11	550a	53	16.80	40	2.16	00
8-12	550a	52	16.32	37		
8-13	614a	52	16.32	37	2.2	00
8-14	558a	50	15.36	35	1.95	00
8-14	237p	48	14.40	38	1.95	
8-15	632a	48	14.40	35	1.95	00
8-16	908a	48	14.40	38	00	00
8-17	600a	50	15.36	39	00	00
8-18	602a	50	15.36	38	00	00
8-19	600a	51	15.84	42	2.71	00
8-20	614a	52	16.32	40	00	2.31
8-21	600a	54	17.28	42	00	2.31
8-22	904a	52	16.32	39	2.2	00

WEST UNION CANAL AND RIVER GAGE
P & N AND B & Y DITCHES.

1933. Date	Time	W.Union GH	W.Union Cfs.	River Gage	Park & Nuttal Ditch	Barton & Young Ditch
8-23	600a	50	15.36	37	2.6	00
8-24	614a	51	15.84	41	00	00
8-25	905a	53	16.80	39	00	00
8-26	611a	52	16.32	39	00	00
8-27	614a	53	16.80	39	2.16	00
8-28	618a	53	16.80	[illegible]	[illegible]	2.31
8-29	614a	52	16.32	36	2.16	00
8-30	616a	51	15.84	35	2.2	00
8-31	601a	50	15.36	35	2.26	00
9-1	600a	51	15.84	35	2.26	00
9-2	616a	52	16.32	35	00	00
9-3	835a	52	16.32	36	00	00
9-4	645a	50	15.36	32	1.64	00
9-5	616a	49	14.88	32	1.95	2.2 C.O
9-6	640a	49	14.88	33	00	2.2
9-7	554a	49	14.88	33	2.2	00
9-8	622a	50	15.36	34	1.64	00
9-9	618a	50	15.36	34	1.55	00
9-10	621a	51	15.84	34	00	00
9-11	621a	51	15.84	33	00	00
9-12	826a	53	16.80	37	00	00
9-13	604a	50	15.36	34	2.16	00
9-14	820a	52	16.32	36	2.16	00
9-15	622a	50	15.36	34	2.2	00
9-17	823a	52	16.32	35	2.05	00
9-19	810a	51	15.84	34	00	00
9-21	610a	50	15.36	33	2.16	00
9-23	802a	49	14.88	32	2.05	00
9-26	640a	54	17.28	40	2.26	00
9-28	816a	53	16.80	38	00	00
10-5	425p	54	17.28	39	2.6	00
10-6	904a	54	17.28	40	00	00
10-7	938a	52	16.32	35	00	00
10-11	804a	51	15.84	33	2.37	00
10-13	822a	50	15.36	32		
10-18	820a	54	17.28	38	2.6	
10-21	825a	54	17.28	38	2.6	00
10-26	826a	55	17.76	36	2.6	
10-31	Storm.					
11-1	Reduced canal.					
11-9	820a	28	6.38		00	2.3

- - - - - - - - - -

TIMPANOGUS CANAL COMPANY CANAL.

Submerged Orifice.

1933 Date	Time	Area	GH.	Cfs.	1933 Date	Time	Area	GH.	Cfs.
4-16	912a	6	1	8.46	6-22	632p	7.5	2	15.00
4-17	752a		1 3/8	9.96	6-23	532a		1½	13.00
4-18	636a		1 1/4	9.48	6-24	520a		2	15.00
4-19	727a		1 1/4	9.48	6-25	612a		2	15.00
4-20	732a		1 1/4	9.48	6-26	606a		2	15.00
4-21	734a		1 1/4	9/48	6-27	612a		2	15.00
4-23	904a		1 1/4	9.48	6-28	542a		2	15.00
4-24	839a		1 1/4	9.48	6-29	542a		2	15.00
4-25	847a		1 1/4	9.48	6-29	655p		2	15.00
4-26	850a		1	8.46	6-30	538a		2 5/8	13.74
4-27	837a		1	8.46	7-1	609a	6	2 3/8	13.08
4-28	905a		1½	10.38	7-2	600a		2 1/4	12.72
4-29	1100a		2 1/8	12.36	7-3	558a		2 1/4	12.72
5-1	840a		2	12.00	7-4	532a		2 3/8	13.08
5-2	920a		2½	13.38	7-5	558a		2 3/8	13.08
5-3	1030a		2½	13.38	7-6	541a		2½	13.38
5-4	830a		2½	13.38	7-7	554a		2 1/4	12.72
5-5	226p		2	12.00	7-8	538a		2½	13.38
5-6	755a		2	12.00	7-9	557a		2 3/8	13.08
5-8	820a	Storm	1/4	4.26	7-10	531a		2½	13.38
5-9	804a		1/4	4.26	7-11	532a		2½	13.38
5-15	810a		1/4	4.26 R	7-12	544a		2 1/4	12.72
5-16	751a		1	8.46	7-12	834a		2 1/4	12.72
5-17	1015a		1 3/4	11.22	7-13	546a		2 3/8	13.08
5-18	726a		2 1/8	12.36	7-13	800a		1 7/8	11.58
5-19	749a		2 3/8	13.08	7-14	516a		2	12.00
5-19	207p		2 3/8	13.08	7-15	539a		2	12.00
5-20	544a		2 1/4	12.72	7-16	537a		1 7/8	11.58
5-21	527a		3	14.70	7-17	539a		1 7/8	11.58
5-21	436p		4	16.98	7-18	540a		1 3/4	11.22
5-22	553a	9	1 3/4	16.83	7-19	600a		1 5/8	10.80
5-23	620a		1 3/4	16.83	7-20	600a	5.25	2	10.50
5-24	632a		1½	15.57	7-21	604a		2	10.50
5-25	546a		1½	15.57	7-22	548a		2	10.50
5-26	831a		1 5/8	16.20	7-23	623a		2 1/8	10.81
5-27	1147a		3	22.05	7-24	653a		2	10.50
5-27	225p		3	22.05	7-25	604a		2	10.50
5-28	543a		2 7/8	21.50	7-26	544a	4.5	2 7/8	10.75
5-29	549a		3 3/8	23.40	7-27	543a		2 5/8	10.30
5-30	812a	12	2	24.00	7-28	557a		2 5/8	10.30
5-31	602a		2	24.00	7-29	557a		2½	10.03
6-2	608a		1 7/8	23.16	7-30	932a		2 5/8	10.30
6-3	511a		2	24.00	7-31	546a		2 5/8	10.30
6-4	555a		1 7/8	23.16	8-1	544a		2½	10.03
6-5	500a		2	24.00	8-2	1040a		2½	10.03
6-6	555a		2	24.00	8-3	550a		2½	10.03
6-7	653a		2	24.00	8-4	600a		2½	10.03
6-8	635a		2	24.00	8-5	626a		2½	10.03
6-9	558a		2	24.00	8-6	612a		2 3/4	10.53
6-10	605a		1 7/8	23.16	8-7	612a		2 1/4	9.54
6-11	610a		1 7/8	23.16	8-8	536a		2 1/4	9.54
6-12	840a		2	24.00	8-9	552a		2 1/8	9.27
6-13	818a		1 3/4	22.44	8-10	607a		2 1/4	9.54
6-14	642a		2	24.00	8-11	554a		2 1/8	9.27
6-15	600a		2	24.00	8-12	144p		2	9.00
6-16	522a		1 3/4	22.44	8-13	622a		2	9.00
6-17	600a		2	24.00	8-14	607a		2	9.00
6-18	551a		2	24.00	8-14	245p		1 5/8	8.10
6-19	1004a		1 3/8	19.92	8-15	640a		1 5/8	8.10
6-20	1212p		2	24.00	8-16	1055a		1 5/8	8.10
6-21	536a		1 7/8	23.16	8-17	606a		1½	7.78
6-22	452a		1½	20.76	8-18	608a		1 5/8	8.10

C.R. 1933.

TIMPANOGUS CANAL COMPANY CANAL.

"

1933 Date	Time	Area	GH.	Cfs.
8-19	608a	4.5	1 5/8	8.10
8-20	621a		1 5/8	8.10
8-21	630a		2	9.00
8-22	847a		2 1/8	9.27
8-23	612a		2	9.00
8-24	1210p		2	9.00
8-25	916a		2	9.00
8-26	619a		2	9.00
8-27	628a		2	9.00
8-28	627a		2	9.00
8-29	635a		2	9.00
8-30	640a		2	9.00
8-31	611a		1 3/4	8.41
9-1	628a		1 3/4	8.41
9-2	630a		2 3/8	9.81
9-3	900a		1 7/8	8.68
9-4	700a		1 7/8	8.68
9-5	629a		1 3/4	8.41
9-6	650a		1 3/4	8.41
9-7	600a		1 3/4	8.41
9-8	647a		1 3/4	8.41
9-9	628a		1 3/4	8.41
9-10	630a		1 3/4	8.41
9-11	628a		2	9.00
9-12	1105a		2	9.00
9-13	610a		2	9.00
9-14	846a		1 7/8	8.68
9-15	631a		1 7/8	8.68
9-17	904a		1 7/8	8.68
9-19	921a		1 7/8	8.68
9-21	616a		1 7/8	8.68
9-23	832a		1 3/4	8.41
9-26	648a		2	9.00
9-28	830a		2	9.00
10-5	500p		2	9.00
10-6	936a		2	9.00
10-7	932a		2	9.00
10-18	832a		2	9.00
10-22	838a		2	9.00
10-26	838a		2	9.00
11-9	832a		1½	7.78

- - - - - - - - - - -

12

C.R.1933.

UPPER EAST UNION CANAL AND CITY CREEK.

Upper East Union Canal 1' x 7.78 Supp. Weir.

City Creek 1' x 10' Supp. Weir.

1933 Date	Time	U.E.Union GH.	U.E.Union Cfs.	City Creek GH.	City Creek Cfs.
4-16	1108a	10	1.00	64	18.80
4-25	852a	40	7.10	64	18.80
4-27	841a	51	10.30	58	16.10
4-28	834a	52	10.61	58	16.10
4-29	900a	55	11.54	65	19.20
5-1	844a	58	12.56	64	18.80
5-2	924a	63	14.27	51	13.20
5-3	1034a	63	14.27	51	13.20
5-5	230p	63	14.27	50	12.80
5-8	816a	64	14.66	46	11.30
5-16	747a	59	12.87	42	9.80
5-17	1019a	59	12.87	42	9.80
5-18	800a	60	13.18	43	10.20
5-19	211p	60	13.18	43	10.20
5-20	550a	60	13.18	43	10.20
5-21	521a	63	14.27	45	10.90
5-22	557a	72	17.55	60	16.90
5-23	624a	86	23.24	80	26.60
5-24	636a	74	18.33	54	14.40
5-25	550a	70	16.77	50	12.80
5-26	835a	72	17.55	52	13.60
5-27	630a	76	19.11	58	16.10
5-27	229p	97	28.16	80	26.60
5-28	547a	94	26.75	76	24.50
5-29	553a	104	31.44	90	32.00
5-30	816a	104	31.44	94	34.30
5-31	606a	106	32.45	100	37.80
6-2	612a	108	33.38	100	37.80
6-3	515a	108	33.38	100	37.80
6-4	600a	110	34.40	105	41.00
6-5	504a	108	33.38	100	37.80
6-6	600a	107	32.92	96	35.50
6-7	657a	108	33.38	100	37.80
6-8	639a	105	31.98	92	33.20
6-9	603a	105	31.98	92	33.20
6-10	609a	104	31.44	80	26.60
6-11	614a	106	32.45	95	34.90
6-14	646a	104	31.44	89	31.50
6-15	604a	102	30.50	90	32.00
6-16	526a	100	29.48	80	26.60
6-17	604a	102	30.50	80	26.60
6-18	1023a	100	29.48	81	27.10
6-19	1008a	95	27.22	72	22.50
6-20	1208p	95	27.22	69	21.10
6-21	530a	62	13.88	42	9.80
6-22	456a	80	20.75	53	14.00
6-22	628p	70	16.77	48	12.00
6-23	536a	66	15.37	45	10.90
6-24	524a	69	16.46	45	10.90
6-25	617a	69	16.46	45	10.90
6-26	610a	68	16.07	45	10.90
6-27	617a	67	15.68	44	10.50
6-28	546a	67	15.68	45	10.90
6-29	546a	67	15.68	44	10.50
6-29	706p	63	14.27	42	9.80
6-30	542a	63	14.27	43	10.20
7-1	614a	60	13.18	41	9.50
7-2	604a	62	13.88	40	9.10
7-3	602a	60	13.18	40	9.10
7-4	536a	62	13.88	42	9.80
7-5	602a	61	13.59	40	9.10
7-6	545a	62	13.88	41	9.50
7-7	558a	64	14.66	42	9.80
7-8	542a	66	15.37	44	10.50
7-9	602a	64	14.66	42	9.80
7-10	535a	66	15.37	42	9.80
7-11	536a	64	14.66	42	9.80
7-12	540a	62	13.88	42	9.80
7-12	838a	60	13.18	39	8.80
7-13	550a	59	12.87	38	8.40
7-14	520a	59	12.87	38	8.40
7-15	543a	58	12.56	36	7.80
7-16	541a	58	12.56	39	8.80
7-17	543a	58	12.56	38	8.40
7-18	544a	57	12.25	36	7.80
7-19	604a	57	12.25	35	7.50
7-20	604a	56	11.93	36	7.80
7-21	610a	55	11.54	35	7.50
7-22	552a	56	11.93	36	7.80
7-23	627a	55	11.54	35	7.50
7-24	649a	55	11.54	35	7.50
7-25	608a	54	11.23	35	7.50
7-26	545a	53	10.92	33	6.80
7-27	547a	53	10.92	33	6.80
7-28	601a	52	10.61	32	6.50
7-29	601a	51	10.30	33	6.80
7-30	936a	53	10.92	33	6.80
7-31	550a	53	10.92	33	6.80
8-1	549a	52	10.61	32	6.50
8-2	1044a	52	10.61	32	6.50
8-3	554a	51	10.30	32	6.50
8-4	604a	51	10.30	32	6.50
8-5	630a	50	9.98	32	6.50
8-6	616a	49	9.67	31	6.20
8-7	628a	51	10.30	32	6.50
8-8	540a	50	9.98	32	6.50
8-9	556a	49	9.67	30	5.90
8-10	611a	49	9.67	31	6.20
8-11	559a	49	9.67	31	6.20
8-12	137p	49	9.67	30	5.90
8-13	626a	48	9.36	30	5.90
8-14	611a	47	9.05	29	5.60
8-15	644a	46	8.81	29	5.60
8-16	1100a	47	9.05	28	5.30
8-17	610a	47	9.05	29	5.60
8-18	612a	48	9.36	30	5.90
8-19	612a	49	9.67	32	6.50
8-20	625a	49	9.67	31	6.20
8-21	634a	50	9.98	32	6.50
8-22	851a	50	9.98	32	6.50
8-23	616a	49	9.67	32	6.20
8-24	1214p	49	9.67	31	6.20

C.R.1933.

UPPER EAST UNION CANAL AND CITY CREEK.
(Concluded)

1933 Date	Time	U.E.Union GH.	U.E.Union Cfs.	City Creek GH.	City Creek Cfs.
8-25	920a	48	9.36	31	6.20
8-26	623a	48	9.36	31	6.20
8-27	632a	48	9.36	31	6.20
8-28	631a	48	9.36	31	6.20
8-29	639a	47	9.05	31	6.20
8-30	644a	46	8.81	30	5.90
8-31	615a	46	8.81	30	5.90
9-1	632a	46	8.81	30	5.90
9-2	634a	46	8.81	31	6.20
9-3	904a	47	9.05	31	6.20
9-4	704a	45	8.50	29	5.60
9-5	633a	45	8.50	29	5.60
9-6	654a	45	8.50	29	5.60
9-7	604a	44	8.19	29	5.60
9-8	651a	44	8.19	29	5.60
9-9	632a	44	8.19	29	5.60
9-10	634a	44	8.19	29	5.60
9-11	632a	45	8.50	29	5.60
9-12	1110a	46	8.81	29	5.60
9-13	614a	45	8.50	30	5.90
9-14	850a	46	8.81	30	5.90
9-15	635a	46	8.81	30	5.90
9-17	909a	46	8.81	30	5.90
9-19	1025a	45	8.50	29	5.60
9-21	620a	45	8.50	29	5.60
9-23	836a	44	8.19	29	5.60
9-26	652a	47	9.05	31	6.20
9-28	834a	46	8.81	30	5.90
10-5	504p	46	8.81	30	5.90
10-6	940a	46	8.81	30	5.90
10-7	928a	46	8.81	30	5.90
10-18	836a	48	9.36	32	6.50
10-22	842a	55	11.54	35	7.50
10-26	842a	55	11.54	34	7.20
11-9	837a	56	11.93	36	7.80

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

TANNER DRAIN.

1.5' Rating Flume.

1933 Date	Time	Gh.	Cfs.
7-4	615p	70	2.48
7-6	1211p	82	3.26
7-8	920a	100	3.90
7-10	1100a	86	
7-27	1015a	90	2.84
7-29	815a	80	2.95
7-15	990a	-108-	- - - - - - -

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

LAKE BOTTOM CANAL.

B.S.Orifice.

1933 Date	Time	Area	Gh	Cfs.
4-25	1052a			00
5-5	314p	4.5	2	9.00
5-16	12M		½	4.50
5-23	832a	6	1 3/4	11.22
5-25	754a		2½	13.38
5-29	756a	8	2	16.00
6-5	1013a		1	11.28
6-7	857a		2 1/4	16.90
6-9	450p		1½	13.84
6-17	752a		2	16.00
6-19	154p		2 3/8	17.44
6-23	845a		1½	13.84
6-26	800a		1½	13.84
6-30	750a	6	2	12.00
7-4	745a		1	8.46
7-6	100p		1 1/8	9.00
7-7	400p		1 3/8	9.96
7-12	945a		1 3/4	11.22
7-15	836a	5	3/4	6.05
7-16	835a		2	10.00
7-18	640p		1 7/8	9.65
7-19	810a		1 7/8	9.65
7-22	845a		1½	8.65
7-23	800a		1 3/8	8.30
7-24	911a		1 1/8	7.50
7-25	300p		1½	8.65
7-28	835a		1 1/8	7.50
7-29	913a		1 1/8	7.50
8-3	802a		1 3/4	9.35
8-12	300p		1 3/8	8.30
8-16	1131a	4	1 5/8	7.20
8-20	1130a		1 1/8	6.00
8-24	250p		3½	10.52
8-28	930a		1 1/4	6.32
9-2	830a		1 5/8	7.20
9-4	820a		1½	6.92
9-9	1030a		1 3/4	7.48
9-10	830a		2 1/4	8.48
9-14	945a	4.5	1 1/8	6.75
9-17	1000a		1 3/4	8.41
9-21	725a		1 3/4	8.41
9-28	1000a		2 1/4	9.54
10-6	1050a		1½	7.78
11-9	1020a		½	4.50

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

SPRING CREEK DIVERSIONS.

1933 Date	Cfs.
4-25	00
5-5	6.
5-25	00
6-19	4.61
6-23	4.02
6-30	5.5
7-6	5.66
7-12	3.71
7-15	9.60
7-16	6.15
7-24	4.5
7-29	6.1
8-16	3.9
8-28	6.98
9-28	3.
10-6	3.

Interpolations as shown in "Total Measurements".

C.R.1933.

LITTLE DRY CREEK COMPANY CANAL.

4' Cipp. Weir.

1933. Date	Time	GH.	Cfs.
4-25	1030a		00
4-28	1025a	62	6.57
5-4	215p	74	8.57
5-5	255o	64	6.90
5-8	630a	64	6.90
5-16	1142a	40	3.41
5-18	230p	62	6.57
5-23	711a	84	10.40
5-25	638a	84	10.40
5-29	735a	70	7.89
5-31	652a	68	7.55
6-3	830a	80	9.64
6-5	953a	80	9.64
6-7	826a	82	10.00
6-9	504p	80	9.64
6-10	710a	80	9.64
6-14	928a	70	7.89
6-19	131p	86	10.70
6-21	300p	70	7.89
6-22	545p	64	6.90
6-23	755a	69	7.72
6-26	718a	74	8.57
6-28	630a	76	8.92
6-30	900a	64	6.90
7-1	650a	64	6.90
7-[illegible]	644a	67	7.38
7-5	645a	69	7.72
7-6	600a	69	7.72
7-7	645a	71	8.06
7-9	700a	70	7.89
7-10	625a	69	7.72
7-11	620a	63	6.73
7-13	625a	76	8.92
7-14	600a	65	7.06
7-15	646a	66	7.22
7-16	625a	60	6.26
7-17	625a	60	6.26
7-18	814a	64	6.90
7-19	710a	57	5.80
7-20		55	5.49
7-21	706a	53	5.20
7-22	639a	53	5.20
7-23	730a	54	5.34
7-25	652a	54	5.34
7-26	620a	54	5.34
7-27	630a	56	5.64
7-28	645a	56	5.64
7-29	700a	54	5.34
7-30	1021a	54	5.34
8-1	842a	56	5.64
8-2	1130a	56	5.64
8-3	635a	54	5.34
8-4	650a	54	5.34
8-5	710a	48	4.48
8-6	700a	48	4.48
8-8	626a	56	5.64

1933 Date	Time	GH.	Cfs.
8-9	642a	50	4.76
8-10	655a	65	7.06
8-11	650a	65	7.06
8-13	715a	50	4.76
8-14	700a	47	4.34
8-15	742a	50	4.76
8-16	1234p	54	5.34
8-17	648a	49	4.62
8-18	700a	50	4.76
8-19	642a	54	5.34
8-20	652a	55	5.49
8-21	714a	55	5.49
8-22	200p	54	5.34
8-23	700a	55	5.49
8-24		51	4.90
8-25	1002a	52	5.05
8-26	650a	54	5.34
8-28	745a	53	5.20
8-29	720a	62	6.57
8-30	222p	44	3.93
8-31	706a	46	4.20
9-1	936a	47	4.34
9-2	840a	49	4.62
9-4	741a	46	4.20
9-5	710a	46	4.20
9-6	721a	52	5.05
9-8	733a	50	4.76
9-10	930a	48	4.48
9-11	745a	50	4.76
9-13	655a	53	5.20
9-14	1021a	53	5.20
9-17	937a	48	4.48
9-19	728a	48	4.48
9-21	700a	45	4.06
9-23	915a	46	4.20
9-26	905a	50	4.76
9-28	920a	64	6.90
10-5	545p	50	4.76
10-6	1026a	51	4.90
10-7	845a	51	4.90
10-18	925a	81	9.82
10-22	920a	80	9.64
11-9	946a	35	2.79

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

C.R.1933.

FORT FIELD CANAL

Upper Heading.
2.5' Rating Flume.

1933. Date	Time	GH.	Cfs.	By Ft. Fd. Cfs.
4-25	1042a		00	14.*
5-5	304p		00	4.*
5-16	1150a		1.-	6.*
5-23	820a	65	2.6	40.*
5-25	730a	93	4.2	10.*
5-29	746a	110	5.1	--
6-5	1056a	88	3.3	--
6-10	726a	98	4.0	--
6-14	756a	105	4.7	--
6-17	740a	80	2.8	--
6-17	145p			261.76
6-19	1140a			137.20
6-19	1208p	88	3.3	
6-21	800a			39.34
6-23	804a	96	3.9	2.*
6-26	821a	110	5.1	
6-28	719a	112	5.3	
6-30	730a	110	5.1	00
7-6	1240p	92	3.45	
7-10	915a	115	5.6	
7-12	1002a	108	4.8	
7-14	621a	88	3.3	
7-15	820a	90	3.5	00
7-16	910a	78	2.7	00
7-17	730a	78	2.7	
7-18	800a	96	3.9	
7-19	820a	100	4.3	
7-21	755a	84	3.0	
7-22	650a	80	2.8	
7-23	736a	73	2.4	
7-24	922a	73	2.4	
7-25	701a	84	3.0	
7-26	635a	98	4.0	
7-27	638a	90	3.4	
7-28	640a	73	2.4	
7-29	752a	70	2.3	00
8-1	897a	100	4.2	
8-2	12m	100	4.2	
8-3	750a	98	4.0	
8-8	638a	80	2.8	
8-9	755a	89	3.3	
8-11	717a	90	3.4	
8-13	721a	86	3.2	
8-16	1248p	82	2.4	
8-23	712a	70	2.3	
8-28	718a	68	2.3	
8-31	915a	56	1.74	
9-1	948a	62	2.0	
9-8	854a	67	2.2	
9-10	950a	60	1.9	
9-17	1024a	70	2.3	
9-21	708a	65	2.1	
9-26	900a	78	2.7	
9-28	928a	76	2.7	
10-6	1130a	72	2.35	00
10-26	12m	100	4.2	3.*
11-9	1000a	54	1.6	8.*

* Estimated.

C.R.1933.

ONTARIO TUNNEL 1933.

1933 Date	Time	GH.	Cfs Station	Fisher Pipe	Total Cfs.
4-26	1110a	137	12.49	00	12.49
6-13	1020a	142	12.20	1.39	13.59
7-1	245p	134	11.21	1.12	12.33
7-29	200p	138	11.81	0.74	12.55
9-11	1130a	140	12.50	0.25	12.75

Mean 12.74

Distribution:-	Acre Feet	Season Mean Cfs.
Midway Irrig.Co, in own right	1650	5.50
Lee Brothers, July 1- Aug 25, ...	258	0.86
Utah Power & Light Co, in own right used thru Olmstead Plant, and thereafter by Provo Reservoir Co for Irrigation	957	3.19
Park-Utah Con..Mines Co, leased to Fisher	300	1.00
Park-Utah Con. Mines Co. leased to Midway Irrigation Co	657	2.19
Totals	3822	12.74

The foregoing distribution is based upon season of 150 days.

TFW:TFW:

CC To Park-Utah Con. Mines Co. % P.H.Hunt, Keetely.
CC To Utah Power & Light Co. % E.G.Thorum.
CC To Midway Irrigation Co % Robert Ross, Midway.

******

C.R.1933.

NATURAL PROVO RIVER

WASATCH DAM

1933.

1933 Day	May	Jun	Jly	Aug	Sep	Oct
1	-	-	70	36	21	-
2	-	-	76	38	24	-
3	-	-	84	40	24	-
4	-	-	95	33	29	32
5	-	-	98	27	20	-
6	-	-	99	48	21	-
7	-	-	117	40	22	-
8	-	-	150	43	24	-
9	-	-	89	34	29	28
10	-	-	94	28	42	-
11	-	-	69	20	32	-
12	-	-	68	20	32	-
13	-	-	65	26	29	-
14	-	-	49	26	-	-
15	137	-	52	22	28	-
16	-	-	40	19	-	-
17	-	-	44	23	-	-
18	201	-	34	24	22	-
19	-	-	33	44	-	27
20	-	-	29	38	-	-
21	-	-	21	35	22	-
22	-	-	23	26	-	-
23	-	214	26	31	19	-
24	-	207	23	26	-	-
25	-	201	27	24	23	-
26	-	193	39	26	-	-
27	-	146	41	28	-	-
28	-	147	37	29	24	-
29	-	112	32	29	-	-
30	-	94	32	29	-	-
31	-	--	36	26	-	-

- - - - - - - - - -

C.R.1933.

WASATCH CANAL, NORTH FIELD CANAL, TIMPANOGUS IRRIGATION CANAL, PROVO RESERVOIR COMPANY WEIR TO RIVER, WATER BY WASATCH DAM.

1933 Date	Time	Wasatch GH.	Wasatch Cfs.	N.Field GH.	N.Field Cfs.	P.R.Weir Time	P.R.Weir GH.	P.R.Weir Cfs	Timpanogus Time	Timpanogus GH	Timpanogus Cfs	Was. Dam.	Total Cfs
4-28	320p	60	30.42	25	6.75	..	..	..	..	..	..	..	..
4-28	510p	86	53.64	50	18.75								
5-8	1055a	98	66.06	76	35.40	..	..	..	1106a	105	54.32	..	..
5-10		98	66.06	68	29.85								
5-13	423p	80	47.88	56	22.20	..	..	..	412p	110	58.43	..	..
5-15	1235p	90	57.60	70	31.20	1226p	..	2.	1155a	110	58.43	15	164
5-18	1042a	106	74.88	100	54.30	..	..	..	1055a	130	76.45	..	227
5-19	920a	118	88.92	124	76.35	..	..	..	938a	132	78.31	..	..
5-20	945a	126	96.83	126	78.30	..	..	..	930a	138	84.14		
5-23	835a	100	68.04	158	112.50				845a	110	58.43		
5-24	335p	124	96.30	126	78.30	..	..	..	320p	112	60.16		
5-26	1035a	125	97.56	144	96.90				1045a	134	80.30		
5-28	1022a	126	98.82	146	99.15								
5-28	1155a	126	98.82	168	124.20	..	..	..	1000a	118	65.46		
5-30	1120a	122	93.78	166	121.80				1130a	140	86.12		
5-31	1150a	126	98.82	172	129.00								
6-4	830a	114	84.06	156	110.25	..	..	..	842a	118	65.46		
6-6	855a	128	101.34	162	117.15				910a	128	74.60		
6-12	855a	126	98.82	156	110.25				910a	114	61.88		
6-13	940a	126	98.82	170	126.60	..	..	..	947a	118	65.46		
6-15	900a	106	74.88	108	61.35				920a	116	63.60		
6-17	1125a	126	98.82	164	119.40				1135a	126	72.74		
6-18	812a	126	98.82	158	112.50	..	..	..	m827a	136	82.28		
6-20	1235p	126	98.82	152	105.75				1220p	118	65.46		
6-22	1005a	128	101.34	154	108.00				1030a	106	55.12		
6-23	510p	128	101.34	157	111.45	515p	30	5.31	638p	124	70.89	44.5	333
6-24	830a	106	74.88	114	66.90	742a	160	68.85	807a	130	76.45	40	327
6-25	850a	104	72.54	93	48.45	925a	225	117.	940a	104	53.40	30	321
6-26	815a	98	66.06	91	46.80	825a	220	115.20	855a	113	61.08	23	312
6-27	805a	98	66.06	84	41.40	810	207	104.4	845a	94	45.45	18	275
6-28	750a	100	68.04	90	46.05	800a	212	108.45	815a	80	35.24	18	276
6-29	820a	96	63.90	86	42.90	825a	206	103.59	845a	78	33.79	17	261
6-30	822a	100	68.04	89	45.30	830a	190	90.90	805a	72	29.81	17	251
7-1	810a	97	64.98	78	36.90	820a	190	90.90	845a	72	29.81	15	238
7-2	730a	93	60.66	72	32.55	740a	192	92.43	750a	72	29.81	15	230
7-3	655a	109	78.30	78	36.90	705a	144	58.14	715a	72	29.81	15	218
7-4	600a	104	72.54	68	29.85	610a	162	70.29	625a	72	29.81	15	218
7-5	1255p	116	86.40	88	44.55	110p	158	67.50	120p	64	24.91	15	238
7-6	640a	108	77.04	78	36.90	650a	154	64.80	700a	65	25.44	15	219
7-7	900a	120	91.26	92	47.70	910a	148	60.75	920a	65	25.44	15	240
7-8	805a	126	96.83	100	68.04	810a	158	67.50	820a	66	26.10	15	273
7-9	840a	108	77.04	74	34.05	850a	140	55.62	945a	78	33.79	12	212
7-10	845a	115	85.32	80	38.25	920a	142	56.88	930a	65	25.44	12	218
7-11	835a	103	71.46	64	27.30	930a	142	56.88	935a	65	25.44	12	193
7-12	830a	92	59.76	58	23.40	845a	145	58.86	855a	65	25.44	12	179
7-13	800a	90	57.60	56	22.20	810a	124	45.81	820a	65	25.44	12	163
7-13	248p	90	57.60	56	22.20	253p	128	48.15	235p	66	26.10	12	166
7-14	735a	79	46.80	57	22.60	745a	120	43.47	823a		25.44	12	150
7-15	750a	76	44.10	50	18.75	805a	142	56.88	850a	65	25.44	12	157
7-16	820a	73	41.40	46	16.50	855a	134	51.84		65	25.44	10	145
7-17	740a	78	45.90	48	17.55	750a	132	50.56	820a	65	25.44	10	149
7-18	820a	72	40.50	42	14.40	830a	130	49.41	850a	65	25.44	10	140
7-19	815a	70	38.70	40	13.35	820a	132	50.56	905a	65	25.44	10	138
7-20	800a	63	32.94	38	12.45	815a	122	44.64	830a	65	25.44	10	125
7-21	815a	65	34.56	37	12.00	830a	122	44.64	930a	65	25.44	10	127
7-22	825a	78	45.90	29	8.25	900a	112	38.97	910a	64	24.91	10	128
7-23	810a	80	47.88	29	8.25	825a	114	40.14	835a	64	24.91	10	131
7-24	820a	79	46.80	30	8.85	833a	111	38.43	850a	64	24.91	10	129
7-25	815a	79	46.80	29	8.25	825a	112	38.97	835a	68	27.30	10	131

WASATCH CANAL, NORTH FILED CANAL, TIMPANOGUS IRRIGATION CANAL,

PROVO RESERVOIR COMPANY WEIR TO RIVER, WATER BY WASATCH DAM.

1933 Date	Time	Wasatch GH.	Wasatch Cfs	N.Field GH.	N.Field Cfs	P.R.Weir Time	P.R.Weir GH	P.R.Weir Cfs	Timpanogus Time	Timpanogus GH	Timpanogus Cfs	Was Dam	Total Cfs
7-26	845a	86	53.64	36	11.55	900a	118	42.30	915a	68	27.30	10	145
7-27	835a	90	57.60	38	12.45	845a	116	41.22	905a	64	24.91	10	146
7-28	815a	86	53.64	40	13.35	825a	114	40.14	825a	64	24.91	10	142
7-29	820a	83	50.76	39	12.90	830a	112	38.97	845a	64	24.91	10	138
7-30	900a	82	49.68	38	12.45	915a	110	37.80	935a	64	24.91	10	135
7-31	830a	86	53.64	40	13.35	840a	112	38.97	857a	61	23.06	10	139
8-1	805a	86	53.64	40	13.35	815a	112	38.97	825a	61	23.06	10	139
8-2	750a	68	37.08	34	10.63	800a	102	33.66	835a	61	23.06	10	114
8-3	820a	50	23.04	42	14.40	830a	123	45.27	845a	61	23.06	10	116
8-4	820a	46	20.34	40	13.35	830a	118	42.30	845a	61	23.06	10	109
8-5	905a	39	16.84	36	11.55	915a	116	41.22	935a	61	23.06	10	103
8-6	725a	32	11.70	30	8.85	745a	106	35.73	800a	56	20.27	10	87
8-7	805a	52	24.48	42	14.40	820a	96	30.60		00	00	10	79
8-8	805a	52	24.48	44	15.45	815a	98	31.59	- - -	- - -	- - -	10	82
8-9	805a	46	20.34	40	13.35	815a	94	29.61	. . .	. . .	. . .	10	73
8-10	810a	40	16.38	35	11.10	825a	96	30.60	. . .	. . .	. . .	10	67
8-11	900a	38	15.12	34	10.63	915a	92	28.62	. . .	. . .	. . .	5	59
8-12	730a	34	12.96	30	8.85	740a	99	32.04	. . .	. . .	. . .	5	59
8-13	900a	38	15.12	34	10.63	915a	90	27.63	. . .	. . .	. . .	5	58
8-14	1020a	36	14.04	32	9.60	1028a	80	22.95	. . .	. . .	. . .	5	52
8-15	815a	38	15.12	34	10.63	825a	84	24.84	. . .	. . .	. . .	5	56
8-16	825a	30	10.62	28	7.80	840a	94	29.61	. . .	. . .	. . .	5	53
8-17	815a	32	11.70	30	8.85	825a	98	31.59	. . .	. . .	. . .	5	57
8-18	835a	33	12.24	30	8.85	845a	98	31.59	. . .	. . .	. . .	5	58
8-19	920a	52	24.48	48	17.55	945a	96	30.60	. . .	. . .	. . .	5	78
8-20	900a	44	18.90	40	13.35	915a	94	29.61	. . .	. . .	. . .	5	67
8-21	830a	46	20.34	40	13.35	840a	84	24.84	. . .	. . .	. . .	5	64
8-22	910a	37	14.58	33	10.05	920a	86	25.74	. . .	. . .	. . .	5	55
8-23	900a	39	16.84	36	11.55	1005a	87	26.19	. . .	. . .	. . .	5	60
8-24	840a	38	15.12	33	10.05	850a	85	25.29	. . .	. . .	. . .	5	55
8-25	900a	34	12.96	31	9.30	910a	85	25.29	. . .	. . .	. . .	5	53
8-26	850a	36	14.04	33	10.05	900a	87	26.19	. . .	. . .	. . .	5	55
8-27	905a	38	15.12	35	11.10	915a	92	28.62	. . .	. . .	. . .	5	60
8-28	850a	36	14.04	32	9.60	910a	88	26.73	. . .	. . .	. . .	5	55
8-29	830a	38	15.12	34	10.63	840a	82	23.94	. . .	. . .	. . .	5	55
8-30	855a	39	16.84	35	11.10	905a	80	22.95	. . .	. . .	. . .	5	56
8-31	900a	38	15.12	34	10.63	845a	78	22.14	. . .	. . .	. . .	5	53
9-1	845a	34	12.96	31	9.30	855a	74	20.43	. . .	. . .	. . .	5	48
9-2	845a	34	12.96	31	9.30	900a	80	22.95	. . .	. . .	. . .	5	50
9-3	930a	34	12.96	31	9.30	940a	80	22.95	. . .	. . .	. . .	5	50
9-4	845a	38	15.12	34	10.63	855a	84	24.84	. . .	. . .	. . .	5	56
9-5	835a	33	12.24	30	8.85	845a	74	20.43	. . .	. . .	. . .	5	47
9-6	845a	33	12.24	30	8.85	855a	75	20.88	. . .	. . .	. . .	5	47
9-7	905a	34	12.96	31	9.30	915a	76	21.24	. . .	. . .	. . .	5	48
9-8	825a	34	12.96	32	9.60	835a	80	22.95	. . .	. . .	. . .	5	51
9-9	855a	38	15.12	35	11.10	950a	82	23.94	. . .	. . .	. . .	5	55
9-10	835a	39	16.84	36	11.55	845a	76	21.24	. . .	. . .	. . .	5	54
9-11	910a	45	19.62	40	13.35	915a	40	8.01	. . .	. . .	. . .	3	44
9-12	910a	42	17.64	38	12.45		48	10.53	. . .	. . .	. . .	3	44
9-13	945a	40	16.38	36	11.55	1000a	44	9.27	. . .	. . .	. . .	3	40
9-15	850a	40	16.38	35	11.10	900a	43	8.91	. . .	. . .	. . .	3	39
9-18	935a	32	11.70	29	8.25	945a	48	10.53	. . .	. . .	. . .	3	33
9-21	835a	33	12.24	29	8.25	845a	46	9.90	. . .	. . .	. . .	3	33
9-23	935a	28	9.54	26	7.06	925a	56	13.32	. . .	. . .	. . .	1	31
9-25	130p	32	11.70	28	7.80	140p	58	14.04	. . .	. . .	. . .	1	35
9-28	230p	34	12.96	30	8.85	240p	56	13.32	. . .	. . .	. . .	1	35
10-4	1015a	38	15.12	34	10.63	1035a	60	14.76	. . .	. . .	. . .	3	44
10-9	1130a	38	15.12	34	10.63		48	10.53	. . .	. . .	. . .	3	39
10-19	1010a	38	15.12	30	10.63	1020a	46	9.90	. . .	. . .	. . .	3	39

C.R.1933.

MIDWAY RIVER DITCH.

8' Cipp. Weir.

1933. Date	Time	GH.	Cfs.
5-18	1020a	69	15.44
5-20	1000a	160	49.0
5-23	740a	146	44.0
5-26	1155a	146	44.0
5-30		145	43.5
6-6		146	44.0
6-12	945a	140	41.5
6-17	1220p	146	44.0
6-20	510p	116	33.65
6-22	850a	100	26.93
6-24	655a	104	28.6
6-25	755a	120	35.4
6-26	720a	115	33.2
6-27	705a	118	34.6
6-28	715a	74	17.14
6-29	705a	98	26.2
6-30	1000a	82	20.0
7-1	930a	62	13.14
7-2	815a	57	11.59
7-3	935a	58	11.9
7-4	715a	58	11.90
7-6	735a	57	11.59
7-7	1055a	60	12.52
7-8	1130a	62	13.14
7-9	1015a	62	13.14
7-10	1005a	59	12.20
7-11	1015a	58	11.90
7-12	1015a	56	11.29
7-13	1040a	54	10.69
7-14	645a	54	10.69
7-15	655a	54	10.69
7-16	1030a	52	10.10
7-17	735a	50	9.52
7-18	720a	50	9.52
7-19	805a	49	9.24
7-20	910a	48	8.96
7-21	1215p	46	8.40
7-22	1030a	46	8.40
7-23	920a	46	8.40
7-24	905a	46	8.40
7-25	800a	46	8.40
7-26	1000a	46	8.40
7-27	920a	47	8.68
7-28	905a	48	8.96
7-29	905a	48	8.96
7-30	1010a	50	9.52
7-31	945a	47	8.68
8-2	915a	46	8.40
8-3	855a	47	8.68
8-4	905a	47	8.68
8-6	1215p	40	6.81
8-7	845a	50	9.52
8-8	830a	50	9.52
8-9	845a	45	8.13
8-10	705a	46	8.40
8-11	1015a	46	8.40

L933 Date	Time	GH.	Cfs.
8-14	855a	39	6.56
8-15	915a	46	8.40
8-16	945a	46	8.40
8-17	905a	46	8.40
8-18	915a	47	8.68
8-19	1030a	48	8.96
8-20	1055a	48	8.96
8-21	910a	48	8.96
8-22	945a	46	8.40
8-24	930a	47	8.68
8-25	1010a	46	8.40
8-27	925a	47	8.68
8-29	715a	51	9.80
8-31	910a	50	9.52
9-1	835a	50	9.52
9-3	920a	49	9.24
9-4	910a	46	8.40
9-5	900a	48	8.96
9-6	915a	48	8.96
9-7	1045a	47	8.68
9-8	930a	54	10.69
9-10	245p	46	8.40
9-11	855a	44	7.86
9-12	850a	48	8.96
9-13	935a	48	8.96
9-18	955a		9.0
9-21	950a	41	7.08
9-23	630p	51	9.81
10-4	950a	68	15.10
10-9	1115a	44	7.86

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

Total SNAKE CREEK.

7-26-33 , 23.05 cfs.

8-10-33, 21.72 cfs.

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

BROWN WEEL AT CHARLESTON.

1933. Date	Time	GH.
5-8	955a	18.4'
5-24	1231p	13.6
6-4	715a	9.0
6-10	100p	7.0
6-18	655a	5.8
6-24	200p	4.7
7-7	1130a	7.7
7-22	300p	10.2
8-3	547p	12.8
8-30	1016a	15.0

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

C.R.1933.

HEBER LIGHT & POWER TAILRACE.

1' x 13.75' Supp. Weir.

1933 Date	Time	GH.	Cfs.
5-15	1222p	92	45.65
5-23	855a	88	42.49
5-26	1135a	93	46.34
6-12	915a	90	44.00
6-15	905a	91	44.83
6-20	1225p	90	44.00
6-25	930a	94	47.16
6-26	847a	88	42.49
6-27	840a	92	45.65
6-28	810a	92	45.65
6-30	840a	93	46.34
7-7	915a	94	47.16
7-9	935a	93	46.34
7-12	835a	94	47.16
7-16	850a	91	44.83
7-20	810a	90	44.00
7-26	905a	90	44.00
7-31	845a	100	51.98
8-4	835a	90	44.00
8-10	840a	92	45.65
8-13	925a	92	45.65
8-14	1040a	85	40.89
8-16	835a	88	42.49
8-20	905a	89	43.32
8-22	925a	82	37.95
8-24	855a	90	44.00
8-26	905a	92	45.65
8-30	920a	88	42.49
9-4	900a	92	45.65
9-5	915a	70	29.56
9-8		87	~41.80
9-23	925a	64	25.85
10-4	1020a	72	30.94

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

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

1933	Lower Charl. Time	GH.	Cfs.	Island Ditch Time	GH.	Cfs.	Upper Charl. Time	GH.	Cfs.	Sp.Cr. & Sagebrush Time	GH.	Cfs.
5-8	947a		10.	1014a		3.	-		-	-		-
5-15	-		-	-		-	126p	38	9.89	118p	54	13.32
5-24	1226p	72	18.64	-		-	1255p	95	41.51	106p	84	26.73
6-10	1255p	100	31.36	-		-	121p	100	45.08	136p		47.70
6-18	650a	106	34.40									
6-29	400p	59	13.60	344p	to	6.	338p	48	14.15	326p	72	20.97
7-7	1138a	58	13.20									
7-13	432p	57	12.88	421p	60	6.	414p	50	15.06	400p	62	16.56
7-18	230p	55	12.16	246p		6.	300p	30	6.9			
7-22	255p	60	13.92	418p		6.	431p	31	7.24	440p	38	7.74
7-29	1128a	59	13.60	1145a		6.	1222p	27	5.86R	1235p	56	14.13 C
7-31	-	-	-	-	-	-	300p	22	4.37R	322p	56	14.13 C
8-1							1250p	30	6.90R	105p	72	20.97 C
8-3	1212p	57	12.88	1226p		6.	1235p	36	9.20			
8-5							240p	26	5.63R	250p	65	17.82 C
8-7		-		-			1125a	36	9.20	1138a	64	17.27
8-10	922a	55	12.16	12m		6.	1212p	33	8.05	1217p	62	16.56
8-12							1236p	35	8.85	1228p	52	12.96
8-18	-	-	-	1115a		6.	1126a	32	7.59R	1133a	60	15.66C
8-24	-	-	-	-	-	-	1055a	36	9.20R	1047a	60	15.66C
8-26	942a	56	12.56	-	-	-	1015a	34	8.40			
8-30	1010a	55	12.16	1038a		6.	1048a	30	6.90R	1056a	58	14.85C
9-11	950a	53	11.52	1010a	est	1.0	1022a	40	10.69	1032a	55	13.68
9-20	908a	53	11.52	922a		5.2	930a	22	4.37R	939a	61	17.01C4.4

- -

C.R.1933.

SOUTH KAMAS IRRIGATION COMPANY CANAL.

WASHINGTON IRRIGATION COMPANY CANAL.

South Kamas Irrig.Co.Canal.
1933

Date	Time	GH.	Cfs.
5-11	1100a	80	28.2
5-19	100p	90	33.9
5-26	1000a	110	45.9
6-1	400p	112	47.1
6-7	900a	116	49.5
6-15	1015a	117	50.0
6-24	900a	118	50.7
6-24	1100a	80	28.2
6-27	315p	74	25.2
6-27	740p	80	28.2
7-1	300p	80	28.2
7-1	800p	54	15.2
7-3	140p	58	17.2
7-3	240p	59	18.23
7-6	500p	54	15.2
7-10	900a	52	14.2
7-15	320p	50	13.2
7-17	900a	42	10.0
7-19	520p	42	10.0
7-22	645a	42	10.0
7-27	200p	42	10.0
8-1	1015a	40	9.2
8-3	330p		12.85
8-6	400p	40	9.2
8-9	330p	40	9.2
8-13	1015a	38	8.8
8-16	200p	38	8.8
8-19	1130a	38	8.8
8-23	410p	35	7.2
8-27	900a	40	9.2
9-1	100p	38	8.8
9-5	520p	38	8.8
9-12	900a	36	8.4
10-7	300p	50	13.2

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

Washington Irrig.Co. Canal.
1933

Date	Time	GH.	Cfs.
5-11	1110a	120	20.0
5-19	115p	130	23.0
5-26	1015a	136	24.8
6-1	420p	144	27.2
6-7	915a	148	28.4
6-15	1030a	148	28.4
6-24	915a	150	29.0
6-24	1045a	126	21.8
6-27	325p	122	20.6
6-27	750p	122	20.6
7-1	315p	122	20.6
7-1	745p	104	15.2
7-3	130p	94	12.5
7-3	310p	110	16.79
7-6	515p	104	15.2
7-10	915a	104	15.2
7-15	330p	102	14.6
7-17	920a	100	14.0
7-22	630a	turned off to 00	

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

SUNRISE CANAL.
1933

Date	Time	GH.	Cfs.
6-27	405p	125	8.-
7-1	730p	85	3.5
7-3	100p	85	3.5
7-15	410p	85	3.5
7-22	800a	73	2.1
7-27	400p	73	2.1
8-6	500p	73	2.1
8-19	100p	73	2.1

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