In the Fourth Judicial District Court of the State Of Utah.

Provo Reservoir Company,)
Vs. (No. 2888 Civil.
Provo City, et al.)

Commissioners Report 1923.

PERSONALL; 1923.

Hon. Elias Hansen, District Judge.

Wallace M.Hales, Clerk of District Court.

T.F.Wentz, Commissioner.
I.F.Baum and Roy Atkinson, assistant Commissioners.

Provo City:
C.K.Hansen, Mayor,
Charles Hopkins and George Billings, Commissioners.
Walter B.Peay, Water Master.
Fred Evans, Clerk.

Provo Reservoir Company:
J.R.Murdock, Pres. and Gen. Mgr.
R.J.Murdock, Secretary.
J.W. Gillman, Canal Supt.
I.H.Jacobs, Chief Engr.

Provo Bench Canal & Irrigation Company:
John H.Stratton, Pres.
L.J.Salisbury, Sec'ty.
J.H.Anderson, Canal Supt.

Timpanogus Canal Company:
Myron C.Newell, Pres.
Alfred R.Chipman, Sec'ty.
Alfred R.Chipman, Canal Supt.

Upper East Union Irrigation Company.
Dr. Dunn, Pres.
Earl Thomas, Sec'ty,
T.J.Farrer, Canal Supt.

Little Dry Creek Irrigation Company,
C.L.Johnson, Pres.
F.A.Thurgood, Sec'ty.
Frank Lockner, Canal Supt.

First Ward Pasture Company;
John W.Farrer, Pres.
David John, Sec'ty.
Joseph Strong, Supt.

East River Bottom Water Company;
Fred Ferguson, Pres.,
Harvey Booth, Sec'ty.
Fred Ferguson, Supt.

Fort Field Irrigation Company;
Heber A.Knudsen, Pres.,
H.J.W.Goddard, Sec'ty.
John Nelson, Supt.

Lake Bottom Canal Company.
Norman Scott, Pres.
W.J.Taylor, Sec'ty.
Norman Scott, Canal Supt.

West Union Canal Company;
W.W.Boren, Pres.,
N.A.Neilsen and L.John Nuttal, Sec'tys.
W.W.Boren, Supt.

Smith Ditch Company;
T.J.Smith, Pres.,
R.C.Carter, Sec'ty.
J.W.Buckner, Supt.

Provo Brick & Tile Company;
S.H.Belmont, Pres.
T.H.Heal, Sec'ty.
Jesse Curtis, Supt.

Utah Power & Light Company, Olmstead Plant;
Mr. List, Plant Supt.
William Richins and J.C.Ivie, Gate-tenders.
John Carter, Flume Supt.

Wasatch Irrigation Company;
John H.Clegg, Pres.
John F.Chwiler, Sec'ty.
George Clegg, Canal Supt.

North Field Irrigation Company;
John Giles, Pres.
John F.Chwiler, Sec'ty.
John Montgomery, Supt.

Timpanogus Irrigation Company;
Joseph Hatch, Pres.,
John A.Anderson, Sec'ty.
William Moulton, Supt.

Extension Irrigation Company,
John T.M.Giles, Pres.,
T.Henry Moulton Sec'ty.
Henry Baird, Supt.

Midway Irrigation Company;
Wilford Van Wagenen, Pres.,
W.W.Wilson, Sec'ty.
Mr. Bronson, Supt.

Charleston Irrigation Company,
John Simmons, Pres.
George Wright, Sec'ty.
Ray Boren, Supt.

Spring Creek Irrigation Company,
John T.Giles, Sec'ty.

SageBrush Irrigation Company,
John T.Giles, Sec'ty.

South Kamas Irrigation Company,
Amos W.Atkinson, Sec'ty.

Washington Irrigation Company,
Roy Atkinson, Sec'ty.

Sunrise Irrigation Company,
George Butters, Sec'ty.

PRECIPITATION AT PROVO UTAH.

For the year Ending Sept. 30. 1923.

Month	Precip-itation.	Mean Prec. 1905-1918.	Diff.	Total Prec.	Total Mean.	Total Diff.	Total Per Cent.
Oct.	0.59	1.67	-1.08	0.59	1.67	-1.08	35
Nov.	2.82	1.28	+1.54	3.41	2.95	+0.46	115
Dec.	3.94	1.63	+2.31	7.35	4.58	+2.77	160
Jan.	1.43	2.29	-0.86	8.78	6.87	+1.91	128
Feb.	0.85	1.82	-0.97	9.63	8.69	+0.94	111
Mar.	0.94	1.90	-0.96	10.57	10.59	-0.02	100
April	2.73	1.69	+1.04	13.30	12.28	+1.02	108
May	1.14	1.68	-0.54	14.44	13.96	+0.48	103
June	0.83	0.98	-0.15	15.27	14.94	+0.33	102
July	0.69	0.68	+0.01	15.96	15.62	+0.34	102
Aug.	1.02	0.67	+0.35	16.98	16.29	+0.69	104
Sept.	1.44	1.52	-0.08	18.42	17.81	+0.61	103
Totals	18.42	17.81	+0.61	18.42	17.81		103

PRECIPITATION AT HEBER UTAH.

For The Year Ending Sept. 30, 1923.

Month	Precip-itation.	Mean Prec. 1905-1918.	Diff.	Total Prec.	Total Mean.	Total Diff.	Total Per Cent.
Oct.	0.20	1.46	-1.26	0.20	1.46	-1.26	14
Nov.	2.35	1.00	+1.35	2.55	2.46	+0.09	104
Dec.	2.82	1.70	+1.12	5.37	4.16	+1.21	129
Jan.	1.65	2.89	-1.24	7.02	7.05	-0.03	100
Feb	0.67	1.91	-1.24	7.69	8.96	-1.27	86
Mar.	1.12	2.08	-0.96	8.81	11.04	-2.23	80
April	2.58	1.31	+1.27	11.39	12.35	-0.96	92
May	1.37	1.35	+0.02	12.76	13.70	-0.94	93
June	1.20	0.87	+0.33	13.96	14.57	-0.61	96
July	0.49	0.77	-0.28	14.45	15.34	-0.89	94
Aug.	1.69	1.01	+0.68	16.14	16.35	-0.21	99
Sept.	0.86	1.39	-0.53	17.00	17.74	-0.74	96
Totals	17.00	17.74	-0.74	17.00	17.74		96

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NATURAL PROVO RIVER UTAH VALLEY 1923.

Day	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER.
1	723	834	1394	704	428	377
2	757	921	1158	684	468	399
3	783	1013	1066	618	513	378
4	636	1122	1088	565	431	385
5	584	1322	1198	558	433	378
6	978	1492	1348	560	425	379
7	999	1572	1167	512	417	379
8	714	1691	1177	472	402	380
9	725	1816	1256	459	402	371
10	736	2080	1335	461	402	357
11	731	2155	1591	480	391	357
12	773	1988	1905	475	393	361
13	917	1812	1811	448	430	368
14	818	1651	1699	485	429	366
15	891	1406	1526	479	406	365
16	864	1472	1405	478	402	368
17	990	1551	1280	462	390	375
18	1116	1706	1141	437	406	384
19	1276	2029	888	431	452	376
20	1073	2028	934	423	404	403
21	1004	2267	920	423	402	365
22	923	2217	866	431	395	366
23	817	1953	815	432	391	366
24	733	1667	744	475	376	402
25	699	2008	780	483	376	391
26	734	2312	823	466	375	381
27	845	2466	822	433	375	400
28	912	2365	784	424	375	416
29	927	2111	748	423	370	413
30	998	2060	715	422	378	398
31	...	1730	...	429	370	...
Total	25676	54817	34384	15032	12607	11404
Maximum	1276	2466	1905	704	513	416
Minimum	584	834	715	422	370	357
Mean	856	1768	1146	485	407	380

C.R. 1923.

NATURAL RIVER UTAH VALLEY 1923. AND COMPUTATIONS.

	APRIL				MAY				JUNE			
Day	River at USGS	Fork at USGS	Inf-low.	Total Utah Valley	River at USGS.	Fork at USGS	Inf-low.	Total Utah Valley	River at USGS	Fork at USGS	Inf-low	Total Utah Valley.
1	666	37	20	723	762	48	24	834	1300	62	32	1394
2	701	36	20	757	849	48	24	921	1070	56	32	1158
3	725	38	20	783	940	49	24	1013	980	53	33	1066
4	579	37	20	636	1050	48	24	1122	1000	55	33	1088
5	528	36	20	584	1250	47	25	1322	1110	54	34	1198
6	919	38	21	978	1410	57	25	1492	1260	54	34	1348
7	940	38	21	999	1490	57	25	1572	1080	53	34	1167
8	655	38	21	714	1610	56	25	1691	1080	62	35	1177
9	666	38	21	725	1730	61	25	1816	1160	61	35	1256
10	677	38	21	736	1990	65	25	2080	1240	59	36	1335
11	671	39	21	731	2060	69	26	2115	1490	65	36	1591
12	713	39	21	773	1900	62	26	1988	1800	68	37	1905
13	856	40	21	917	1730	56	26	1812	1710	64	37	1811
14	757	40	21	818	1570	55	26	1651	1600	61	38	1699
15	828	41	22	891	1330	49	27	1406	1440	48	38	1526
16	800	42	22	864	1390	55	27	1472	1320	46	39	1405
17	926	42	22	990	1470	54	27	1551	1200	41	39	1280
18	1050	44	22	1116	1620	59	27	1706	1060	41	40	1141
19	1210	44	22	1276	1940	61	28	2029	807	41	40	888
20	1010	41	22	1073	1940	60	28	2028	854	39	41	934
21	940	42	22	1004	2170	69	28	2267	840	38	42	920
22	856	45	22	923	2120	68	29	2217	787	37	42	866
23	750	45	22	817	1860	64	29	1953	736	36	43	815
24	666	44	23	733	1570	68	29	1667	664	36	44	744
25	632	44	23	699	1900	78	30	2008	699	36	45	780
26	666	45	23	734	2190	92	30	2312	742	36	45	823
27	775	47	23	845	2330	106	30	2466	736	40	46	822
28	842	47	23	912	2230	104	31	2365	699	38	47	784
29	856	48	23	927	1980	100	31	2111	664	36	48	748
30	926	48	24	998	1940	88	32	2060	630	36	49	715
31	...				1620	78	32	1730				
Total				25676				54817				34384
Maximum				1276				2466				1905
Minimum				584				834				715
Mean				856				1768				1146

TFW/TFW

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NATURAL RIVER UTAH VALLEY 1923.

J U L Y .

Day	River at USGS	Fork at USGS	Inflow	Total River Utah Valley	Storage and Tunnel Waters.	Natural River Utah Valley.
1.	619	35	50	704	...	704
2	597	35	52	684	...	684
3	530	35	53	618	...	618
4	477	34	54	565	...	565
5	468	34	56	558	...	558
6	468	34	58	560	...	560
7	414	37	61	512	...	512
8	372	37	63	472	...	472
9	356	37	66	459	...	459
10	356	35	70	461	...	461
11	372	34	74	480	...	480
12	364	34	77	475	...	475
13	372	34	80	486	38	448
14	405	36	82	523	38	485
15	397	36	84	517	38	479
16	397	34	85	516	38	478
17	380	34	86	500	38	462
18	356	33	86	475	38	437
19	349	33	87	469	38	431
20	341	33	87	461	38	423
21	341	32	88	461	38	423
22	349	32	88	469	38	431
23	364	32	88	484	52	432
24	405	34	88	527	52	475
25	414	34	87	535	52	483
26	397	34	87	518	52	466
27	364	34	87	485	52	433
28	356	34	86	476	52	424
29	356	34	85	475	52	423
30	356	34	84	474	52	422
31	364	34	83	481	52	429
Total						15032
Maximum						704
Minimum						422
Mean						485

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C.R. 1923.

NATURAL RIVER UTAH VALLEY 1923.

A U G U S T .

Day	River at USGS	Fork at USGS	Inflow	Total Utah Valley	Storage and Tunnel Waters	Natural River Utah Valley
1	364	34	82	480	52	428
2	397	41	82	520	52	468
3	436	39	81	556	43	513
4	356	38	80	474	43	431
5	356	41	79	476	43	433
6	349	41	78	468	43	425
7	341	42	77	460	43	417
8	326	43	76	445	43	402
9	326	44	75	445	43	402
10	326	45	74	445	43	402
11	319	42	73	434	43	391
12	319	45	72	436	43	393
13	356	45	72	473	43	430
14	356	45	71	472	43	429
15	334	45	70	449	43	406
16	330	46	69	445	43	402
17	319	46	68	433	43	390
18	334	48	67	449	43	406
19	380	48	67	495	43	452
20	334	46	67	447	43	404
21	334	45	66	445	43	402
22	326	45	66	438	43	395
23	326	42	66	434	43	391
24	312	40	67	419	43	376
25	312	40	67	419	43	376
26	312	39	67	418	43	375
27	312	39	67	418	43	375
28	312	39	67	418	43	375
29	304	41	68	413	43	370
30	312	41	68	421	43	378
31	304	41	68	413	43	370
Total						12607
Maximum						513
Minimum						370
Mean						407

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NATURAL RIVER UTAH VALLEY 1923.

S E P T E M B E R .

Day	River at USGS	Fork at USGS.	Inflow	Total River Utah Valley	Storage and Tunnel Waters	Natural River Utah Valley.
1	312	40	68	420	43	377
2	334	40	68	442	43	399
3	312	40	69	421	43	378
4	319	40	69	428	43	385
5	312	40	69	421	43	378
6	312	41	69	422	43	379
7	312	41	69	422	43	379
8	312	41	70	423	43	380
9	304	40	70	414	43	371
10	290	40	70	400	43	357
11	290	40	70	400	43	357
12	290	40	70	400	39	361
13	294	40	71	405	37	368
14	290	40	71	401	35	366
15	283	40	71	394	29	365
16	283	38	71	392	24	368
17	290	37	72	399	24	375
18	294	42	72	408	24	384
19	290	38	72	400	24	376
20	312	38	72	422	19	403
21	270	37	72	379	14	365
22	270	37	73	380	14	366
23	270	37	73	380	14	366
24	297	46	73	416	14	402
25	290	42	73	405	14	391
26	283	39	73	395	14	381
27	297	44	73	414	14	400
28	312	44	74	430	14	416
29	312	41	74	427	14	413
30	297	41	74	412	14	398
Total						11404
Maximum						416
Minimum						357
Mean						380

C.R. 1923.

INFLOW CURVE 1923.

Day	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER.
1.	20	24	32	50	82	68
2	20	24	32	52	82	68
3	20	24	33	53	81	69
4	20	24	33	54	80	69
5	20	25	34	56	79	69
6	21	25	34	58	78	69
7	21	25	34	61	77	69
8	21	25	35	63	76	70
9	21	25	35	66	75	70
10	21	25	36	70	74	70
11	21	26	36	74	73	70
12	21	26	37	77	72	70
13	21	26	37	80	72	71
14	21	26	38	82	71	71
15	22	27	38	84	70	71
16	22	27	39	85	69	71
17	22	27	39	86	68	72
18	22	27	40	86	67	72
19	22	28	40	87	67	72
20	22	28	41	87	67	72
21	22	28	42	88	68	72
22	22	29	42	88	66	73
23	22	29	43	88	66	73
24	23	29	44	88	67	73
25	23	30	45	87	67	73
26	23	30	45	87	67	73
27	23	30	46	87	67	73
28	23	31	47	86	67	74
29	23	31	48	85	68	74
30	24	32	49	84	68	74
31	..	32	..	83	68	..

Note: April 1 to July 7, estimated, following mean Curve to May 31.

STORAGE AND TUNNEL WATERS TO PROVO DIVISION 1923.

SECOND FEET.

	JULY.			AUGUST.			SEPTEMBER.		
Day	Storage.	Tunnel.	Total	Storage.	Tunnel.	Total.	Storage.	Tunnel.	Total.
1				38	14	52	29	14	43
2				38	14	52	29	14	43
3				29	14	43	29	14	43
4				"	"	"	"	"	"
5				"	"	"	"	"	"
6				29	14	43	29	14	43
7				"	"	"	"	"	"
8				"	"	"	"	"	"
9				"	"	"	"	"	"
10				"	"	"	"	"	"
11				29	14	43	29	14	43
12				"	"	"	25	"	39
13	24	14	38	"	"	"	23	"	37
14	"	"	"	"	"	"	21	"	35
15	"	"	"	"	"	"	15	"	29
16	24	14	38	29	14	43	10	14	24
17	"	"	"	"	"	"	"	"	"
18	"	"	"	"	"	"	"	"	"
19	"	"	"	"	"	"	"	"	"
20	"	"	"	"	"	"	5	"	19
21	24	14	38	29	14	43		14	14
22	"	"	"	"	"	"		"	"
23	38	"	52	"	"	"		"	"
24	"	"	"	"	"	"		"	"
25	"	"	"	"	"	"		"	"
26	38	14	52	29	14	43		14	14
27	"	"	"	"	"	"		"	"
28	"	"	"	"	"	"		"	"
29	"	"	"	"	"	"		"	"
30	"	"	"	"	"	"		"	"
31	"	"	"	"	"	"			

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Condenced Summary of Storage Water:-

Estimated Storage July 10, 1923, based upon Gage Heights of Reservoirs and Tables of Quantities:

Trial Lake	Gage Height	39,	Acre Feet		1707.
Washington Lake	"	"	38.4	" "	2675.
Wall Lake	"	"	33.	" "	2280.
Star Lake				" "	314

Total Union Reservoir Company 6976
Reserve for errors 376
Approximated available supply . . . . . 6600.

Provo Reservoir Company Storage in addition to interest in Union Reservoir Company:-

Long Lake 860 acre feet.
Lost Lake 610 " "

Total 1470 " "

Pre-season Outline of Distribution:-

		Transmission Charge 4%	Quan. Avail.
Wasatch Irrigation Company	1/4 of 6600 = 1650	70	1580
Timpanogus Irrigation Co.	1/4 of 6600 = 1650	70	1580
Provo Reservoir Company	1/2 of 6600 +1470	190	4580

Release and Delivery as compiled from notes submitted herewith.

	Provo Res. Co.		Wasatch Ir. Co.		Timp. Ir. Co.		Total	
	Rel'd.	Del'y.	Rel'd	Del'y	Rel'd	Del'y	Rel.	Del.
July	1707	1198	432	384	447	384	2586	1966
August	2340	2254	864	816	1140	1268	4344	4338
September	280	838	300	346	....	...	580	1184
Total	4327	4290	1596	1546	1587	1652	7510	7488
Approx. Proper Quantities useing Union Res. Co. Storage at 6400 acre feet, And Lost Lake and Long Lake at 1400 acre feet.								
	4600	4416	1600	1536	1600	1536	7800	7488
Approx Errors in Release and Delivery,	-273	-126	-4	+10	-13	+116	290	

Note: Caretakers at Reservoirs failed to report notes of released waters and gage heights of weirs and Lakes, in detail, The deficit in delivery to Provo Res. Co., in July, was occasioned by an error in report of released waters, in so far as possible this was corrected in delivering later in the season.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Storage Water Released 1923. Acre Feet.											
Date	July.				August.				September.		
	P.R.Co.	Was.	Timp.		P.R.Co.	Was.	Timp.		P.R.Co.	Was.	Timp.
1					80	30	60		55	20	
2					80	30	60		50	20	
3					80	30	60		35	20	
4					80	30	60		20	20	
5					80	30	60		20	20	
6					80	30	60		20	20	
7					80	30	60		20	20	
8					80	30	60		20	20	
9					80	30	60		20	20	
10	27	7	7		80	30	60		20	20	
1	80	20	20		80	24	60			20	
2	80	20	20		80	20	60			20	
3	80	20	20		80	20	60			20	
4	80	20	20		80	20	60			20	
5	80	20	20		80	20	60			20	
6	80	20	20		80	20	60				
7	80	20	20		80	20	60				
8	80	20	20		80	20	60				
9	80	20	20		80	20	60				
20	80	20	20		80	20					
1	80	20	20		80	20					
2	80	20	20		80	20					
3	80	20	20		80	20					
4	80	20	20		80	20					
5	80	20	20		60	40					
6	80	20	20		60	40					
7	80	20	20		60	40					
8	80	20	20		60	40					
9	80	20	20		60	40					
30	80	20	20		60	40					
31	80	25	40		60	40					
Total	1707				2340	864	1140		280	300	
Total for Season									4327	1596	1587
Grand Total										7510	
TOTAL											

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Storage Water Delivered 1923. Acre Feet											
July					August.				September		
	P.R.Co.	Was.	Timp.		P.R.Co.	Was.	Timp.		P.R.Co.	Was.	Timp.
1					77	19.✓	19.✓		58	38.✓	
2					77	28.8	57.6		58	38.✓	
3					77	28.8	57.6		58	19.✓	
4					77	28.✓	57.6		58	19.✓	
5					77	28.8	57.6		58	19.✓	
6					77	28.8	57.6		58	19.✓	
7					77	28.8	57.6		58	19.✓	
8					77	28.8	57.6		58	19.✓	
9					77	28.8	57.6		58	19.✓	
10					77	28.8	57.6		58	19.✓	
1					77	28.8	57.6		50	19.✓	
2	10	19.✓	19.✓		77	28.8	57.6		46	19.✓	
3	48	19.✓	19.✓		77	19.✓	57.6		42	19.✓	
4	48	19.✓	19.✓		77	19.✓	57.6		30	19.✓	
5	48	19.✓	19.✓		77	19.✓	57.6		20	19.✓	
6	48	19.✓	19.✓		77	19.✓	57.6		20	19.✓	
7	48	19.✓	19.✓		77	19.✓	57.6		20		
8	48	19.✓	19.✓		77	19.✓	57.6		20		
9	48	19.✓	19.✓		77	19.✓	57.6		10		
20	48	19.✓	19.✓		77	19.✓	57.6				
1	48	19.✓	19.✓		77	19.✓	44.				
2	63	19.✓	19.✓		77	19.✓	25.4				
3	77	19.✓	19.✓		77	19.✓	13.–				
4	77	19.✓	19.✓		77	19.✓	10.				
5	77	19.✓	19.✓		58	19.✓	5.5				
6	77	19.✓	19.✓		58	38.✓					
7	77	19.✓	19.✓		58	38.✓					
8	77	19.✓	19.✓		58	38.✓					
9	77	19.✓	19.✓		58	38.✓					
30	77	19.✓	19.✓		58	38.✓					
31	77	19.✓	19.✓		58	38.✓					
Totals	1198	384	384		2254	616	1268		838	346	
Totals for Season									4290	1546	165✓
Grand total										7488	
TOTAL											

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Computations made by.....

Observations made by.....

C.R. 1923. #2888.

Record of Pumping Plant of Provo Reservoir Company, near Mouth of Provo Canyon. Reported By Mr. Hutchings.

(Commissioner's Note:- The Pumping plant of the Provo Reservoir Company, installed on right bank of Provo Bench Canal, South of Canyon Road, near Mouth of Provo Canyon, consists of three pumps; No.1 of ten second feet pumping to Timpanogus Canal Co. canal; No. 2 of ten second feet and No.3 of five second feet pumping to Provo Reservoir Canal.)

Reading of Meter:-

July 10,1923,	2193 KW
Aug. 13,	2382 KW
Aug. 23,	2504 KW
Sept. 13,	2765 KW

PUMPING RECORD.

Started small Timp-pump July 10-23 at 6pm.
Shut down July 13-23 at 8 am.
Started July 17-23 at 6am.
Started #2 and 3 pumps at 6 am, July 20, 1923.
2 and 3 pumps shut down at 115 pm. 7-23-23-Break in Murdock canal also high water.
Started No.2 pump at 8 pm July 27.
Started #3 pump at 6 am " 28.
Three pumps down at 740pm 7-29-23- Power off.
#2 started at 8 pm, # 1 at 835pm, #3 at 9pm, 7-29-23.
Three pumps down at 340pm 7-30-23, #2 started 545, #1 at 600 and #3 at 615pm. 7-31-23.
#2 Cut at 540 am 8-1-23.
#3 Started at 430pm 8-1-23.
All pumps down at 11pm 8-1-23, rainstorm
All pumps down at 600pm Aug.13, 23, Electric storm.
#3 Started at 830,pm % #1 at 9pm, 8-13-23.
#2 started at 845pm Aug 14,-1923.
#3 down at 9pm 8-19-23, and started 545am 8-20-23.
All pumps down at 4pm 9-1-1923.,electric storm.
No. 2 started at 610pm 9-1-23.
No. 3 Started at 620 pm 9-1-23.
No.1 started at 635pm 9-1-23.
All pumps down at 2 pm 9-15-23. Power off change over to other line.
#3 started at 225pm, #2 at 248pm, and #1 at 317pm, 9-15-23.
All pumps down at 2 am 9-24-23. Heavy rain.
#2 started at 735 am 9-24-23. #1 at 752am, #3 at 805am 9-24-23.
#1 down at 250pm on Sept 27-23-Orders of Mr. Wentz.
Started #2 and #3 pumps at 6pm 8-5-23.
Started #1 pump at 530am 8-6-23.
2 % 3 shut down at 620 am 9-28-23, close of pumping season.

Case 2888. OUTLINE OF DISTRIBUTION 1923. (6-28-23)

CLASS "A" RIGHTS. SECOND FEET(NET)

Name	May 10- June 20	June 20- July 20.	July 20- Sept. 1.	Sept.1- May 10.
West Union Canal Co. and Smith and Carter Ditches.	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 Field .	15.16	13.73	12.31	12.19
Group "A" City Creek	9.78	9.00	8.03	7.60
Group "B" City Creek	2.10	1.90	1.71	1.71
Provo City Excl.Waterworks . .	62.62	58.18	55.91	53.05
Little Dry Creek Irrig.Co. . .	8.43	7.67	6.75	6.75
Fort Field Irrig.Co.	7.18	6.38	5.74	4.59
Lake Bottom Canal Co. and Utah-Idaho Sugar Co. and Alma Jorgensen.	15.93	14.17	12.75	10.20
Spring Creek "A" & "B" . .	6.48	5.89	5.14	4.63
Provo Bench Canal	111.94	101.44	91.47	91.47
Provo Reservoir Canal:-				
Of Blue Cliff waters	19.33	21.99	24.52	24.52
Wright Estate Springs less the 0.6 cfs. assigned	1.20	1.20	1.20	1.20
Round Valley Creek as Shown				
Tunnel Water " "				
Storage Water " "				
Weber River " "				
Sub-total	310.48	287.15	266.23	258.30
Provo City Waterworks				
Grand Total				

TFW/TFW.

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OUTLINE OF DISTRIBUTION PROVO BENCH CANAL. 1923.

Name	May 10- June 20.	June 20- July 20.	July 20- Sept. 1.	Sept. 1- May 10.	Acre Feet 150 Day Period.
a. Provo Bench C.&.I.Co. As awarded in Decree Par. 6.	76.01	68.77	61.89	61.89	
b. Caleb Tanner by Dead to P.B.C.&.I.Co, Par. 30 of decree, and Represented by 5 shares of stock.	0.25	0.25	0.25	0.25	
c. Sub-total (1525.4 shares)	76.26	69.02	62.14	62.14	
d. One share equals	.05	.04525	.04074	.04074	
e. Provo Reservoir Co., deed to P.B.C.&.I.Co, 250 shares.	12.50	11.31	10.18	10.18	
f. J.D.Dixon, deed to P.B.C.&.I.Co., 31 shares.	1.55	1.40	1.26	1.26	
g. Sub-total 1806.40 shares of stock issued	90.31	81.73	73.58	73.58	23,901.40
h. Provo Reservoir Co., 133.125 shares not in stock certificates	6.66	6.02	5.42	5.42	1,761.20
i. Caleb Tanner, 57 shares not in stock Certificates.	2.85	2.58	2.32	2.32	754.00
j. Sub-total	99.82	90.33	81.32	81.32	
And Thru North Opening of Division gates and diverted thru Laterals #2 and 3.					
k. J.D.Dixon, of application No. 2134	1.50	1.50	1.50	1.50	450.00
l. Provo Reservoir Co., 577.67 P.R.Acre Shares, on duty of 57, 63, 70, and 70, same as P.B.C.&.I.Co.	10.13	9.17	8.25	8.25	2,680.60
m. Caleb Tanner, 28 Acre Shares, on duty of 57, 63, 70 and 70, same as P.B.C.&.I.Co.	0.49	0.44	0.40	0.40	129.60
n. Total North Opening	12.12	11.11	10.15	10.15	
Grand Total	111.94	101.44	91.47	91.47	29,676.80

TFW/TFW.

Provo, Utah, Jan. 4, 1924.

Utah Power & Light Company.

Salt Lake City, Utah.

RE: Discharge Olmstead Flume 1923, and flow from Ontario Tunnel.
Attention: Mr. Stoner.

Dear Sirs:

I hand you herewith Tabulation of discharge data of Olmstead Flume and Ontario Tunnel for the season of 1923, being part of the Commissioner's Report to the Court in Case No. 2888.

Resp.

Commissioner.

Original to H.L.Stoner.
Copy to Mr. List.

Commissioner's Report 1923.

UTAH POWER & LIGHT COMPANY.

OLMSTEAD PLANT.

Donnon Station, near head.

1923.

Date	Time	G.H.	Discharge Sec. feet.
7-3	1110a	605	
7-3	Put in gage plug opposite gatehouse and instructed Power Co. to cut out of flume as river drops to maintain same amount down river.		
7-3	Emergency dam being installed.		
7-4	625a	590 Cut.	
7-4	640a	558	
7-4	Requested to run river at gage plug, flume to take the drop.		
7-5	Raised gage plug, opposite Gatehouse, 1/4 inch,-- bulkheading flume.		
7-6	Putting in more bulkheads.		
7-6	700p Bulkheads in.		
7-6	700p	558 By phone.	
7-6	Instruct U.P.&.L.Co., to hold flume at 558-- expect to measure in the morning.		
7-7	955a	562	271.54
7-8	700p, At Olmstead, thru some misunderstanding, gatetender maintained river at gage plug, at 700p order flume raised to 550 GH.		
7-8	800p	550, corrected register, error of 0.13 high, that is corrected from 563 to 550.	
7-9	230p	569)	
	248p	568 (	233.39
	305p	567)	Entitled to 236 cfs. requested to run at 570
7-9	355p	570	
7-11	900a	570	230.45 Cannot account for dropping velocity.
7-11	950a Raised to GH. 578.		
7-17	500p	579)	
	522p	578 (	
	545p	577)	
	Mean	578	239.70
	Will run at 576= 236#		
7-20	Took matter of variations up with Power Company.		
8-5	145p	578	226.98
	240p Raised.		
	310p	589	234.68
	350p Raised. Will run at 595.		
	400p	596. Velocity does not increase as usual.	
8-9	438p	595	
	455p	594	
	512p	593	
	Mean	594	234.52
	530p Raised to GH. 603.		
8-11	925a	603 Took off 5 inches off 1st Bulkhead below measureing station.	
8-11	935a	585)	
	1000a	585 (	248.88
	1020a	585)	
	1027a Cut.		
	1055a	572)	
	1110a	572 (	240.52
	1125a	572)	
	1135a Cut to GH. 570, will run at 570. Ontario Tunnel 19.74 -5.5 + 2 = 7.12 +229 = 236.12		

Commissioner's Report 1923.

UTAH POWER & LIGHT COMPANY.

OLMSTEAD PLANT.

Sec. 2.

August 12-13, 1923, Installed "Bristol Long Distance Indicator", from Donnon Station to Gatehouse, Olmstead Flume.

8-17	942a)		
	1025a)	571	239.25
		Will run at 570.	
8-31	400p	570	237.08
9-6	1006a	571)	
	1025a	571 (	230.83
	1040a	571)	
	1050a	Raised.	
	1120a	580)	
	1140a	580 (	235.63 Will run at 580.
	12M	580)	

9-26 Fall storms set in..

Oct. 9, Has been storming considerable since Sept. 26, Allow U.P.&.L.Co. to take all the water they can thru Flume.

ONTARIO TUNNEL.

4.7' Rating Flume, near Portal.

1923. Date	Time	GH.	Discharge. Sec. Feet.
7-5	305p	143	19.42
8-8	1040a	140	19.74
9-4	305p	136	19.11

Ontario Mine, not pumping this season, (2500 gal. per Min.) Others Pumping 1000 gal. per min. more. Quantity less approximately 3 cfs.

"DUPLICATE"

Provo, Utah, Jan. 3, 1924.

F.W.Demming, City Engr.

Provo, Utah.

Dear Sir:-

I hand you herewith, in duplicate, Tabulation of Discharge Observations of West River Gage; Total of City Race, East Union, Tanner Race, and Factory Race; City Race; Tanner Race; East Union; and Factory Race, for the seasons of 1922 and 1923.

You are advised that no suitable device for the measurement of the Waterworks is provided, and I have assummed the flow to be -- fourteen second feet.

Resp.

T.F.Wentz,

Commissioner.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

1923.

NAME			Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
West River Gage.				Provo City						Provo City			
1923	Vertical Staff.			Total of City Race.						City Race			
Date	Time	G.H.		Tanner Race, Factory						Rating Curve 1923.			
7-3	Installed in River			Race, & East Union.					TO	Aug. 1.		Aug. 1 to	
opposite West Union Weir.				1923								End Season	
				Date	Time		Sec. Feet.		CFS	Cfs.		CFS	Cfs.
7-3	945a	72							60			60	6.8
7-3	650p	72							1				7.0
7-4	658p	71		7-5	5-6a		100.37		2				7.2
7-5	516a	77		7-6	2-8p		64.34		3				7.5
7-5	656p	74		7-7	6a		69.45		4				7.7
7-6	950a	67		7-7	3-4p		71.14		5	9.20			7.9
7-6	612p	61		7-12	9a		63.46		6	9.40			8.1
7-7	535a	62		7-13	11a		63.38		7	9.60			8.3
7-7	854a	62		7-25	10a		75.84		8	9.8			8.6
7-9	536a	61		7-27	10a		71.38		9	10.0			8.8
7-9	120p	62		8-6	10a		68.60		90	10.20		90	9.0
7-9	451p	60		8-10	6a		60.24		1	10.4			9.2
7-10	917p	62		8-18	3p		65.35		2	10.6			9.5
7-11	800a	62		8-27	10a		64.36		3	10.8			9.7
7-12	1020a	69		9-5	2p		63.98		4	11.0			10.0
7-13	920a	66		9-15	2p		66.32		5	11.2			10.2
7-15	722p	62		9-22	3p		76.86		6	11.4			10.4
7-17	1103a	60		9-25	11a		71.94		7	11.6			10.7
7-19	906a	64							8	11.8			10.9
7-20	837a	62		City Race Provo City					9	12.0			11.2
7-20	543p	63		1923	8' Rating Flume.				80	12.2		80	11.4
7-21	452p	56		Date	Time	G.H.	cfs.		1	12.4			
7-23	1055a	64		7-3	152p	82	12.60		2	12.6			
7-25	904a	64		7-5	542a	84	13.00		3	12.8			
7-27	859a	63		7-6	837a	84	13.00		4	13.0			
8-1	513a	67		7-6	722p	110	19.80		5	13.3			
8-4	629a	65		7-7	626a	84	13.00		6	13.6			
8-5	452p	59		7-7	302p	88	14.20		7	13.9			
8-6	855a	61		7-12	943a	68	9.80		8	14.2			
8-7	600a	62		7-13	1122a	70	10.28		9				
8-9	335p	60		7-25	1000a	76	11.32		90				
8-14	644a	63		7-27	1033a	76	11.32						
8-15	442p	61		8-6	1012a	74	11.00						
8-22	536p	62		8-10	635a	54	6.—						
8-27	906a	61		8-18	300p	66	7.97						
8-30	527p	60		8-25	638a	66	8.10						
9-1	937a	62		8-27	1006a	68	8.60						
9-4	902a	62		9-5	230p	78	10.88						
9-5	1045a	62		9-15	240p	80	11.40						
9-12	622p.	65		9-22	316p	76	10.40						
9-15	447p	62		9-25	1116a	56.	6.00						
9-22	537p	68											
9-25	944a	67											
	TOTAL												

Note: Aug. 1. Cleaned channel - Curve changed.

Computations made by J.H.W. Observations made by J.H.W.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

1923.

NAME | Time | G. H. | Disc. | Dec'd Net | Tran. Loss | Tran. Gain | Dec'd at St. | Ent. Tot. | Correction at Station: Add | Ded. | G. H.

Provo City East Union
1'X7.73' Sup Weir

1923 Date	Time	G.H.	c.f.s.
7-3	140p	76	18.66
7-5	551a	84	21.96
7-6	837a	70	16.46
7-6	734p	92	25.43
7-7	618a	64	14.38
7-7	310p	62	13.60
7-12	948a	54	10.94
7-13	1114a	50	9.76
7-25	1015a	54	10.94
7-27	1050a	54	10.94
8-6	1017a	50	9.76
8-10	617a	52	10.32
8-18	315p	54	10.94
8-25	630a	50	9.76
8-27	1010a	50	9.76
9-5	250p	50	9.76
9-15	247p	54	10.94
9-22	322p	48	9.16
9-25	1106a	40	6.90

Provo City Waterworks
1923.
No. Measurement.
Assumed at 14.00 c.f.s.

Provo City Factory Race
1.5'X14' Sup Weir

1923 Date	Time	G.H.	c.f.s.	Dec'd at St.
7-3	142p	122	40.-	R. Flume
7-5	553a	154	52.	" "
7-6	839a	146	49.	" "
7-6	736p	94	6.50	
7-6	736p	Weir in		
	not tight			
	Leakage 3.0 c.f.s.			
7-7	616a	216	29.46	
7-7	312p	222	33.24	
7-12	950a	222	33.24	
7-13	1116a	222	33.24	
7-25	1012a	230	38.70	
7-27	1052a	228	37.16	
8-6	1019a	228	37.16	
8-10	620a	222	33.24	
8-18	317p	226	35.76	
8-25	632a	226	35.76	
8-27	1012a	228	37.16	
9-5	252p	224	34.50	
9-15	247p	226	35.76	
9-22	324p	240	45.98	
9-25	1108a	250	53.96	

Provo City Tanner Race
1'X8' Sup Weir

1923 Date	Time	G.H.	c.f.s.
7-5	607a	60	13.41
7-6	252p	58	12.61
7-7	~~assumed~~		12.61
7-7	403p	50	10.10
7-12	935a	48	9.48
7-13	1140a	50	10.10
7-25	1031a	64	14.88
7-27	1105a	56	11.96
8-6	1037a	52	10.68
8-10	assumed when		
	settled		10.68
8-18	257p	52	10.68
8-27	1045a	46	8.84
9-5	222p	46	8.84
9-15	231p	44	8.22
9-22	400p	54	11.32
9-25	1125a	32	5.08
9-25	Some water		
	over Sp. W.		

TOTAL

Computations made by J.F.W. 45 Observations made by J.F.W.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

C.R. 1923.

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME				Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Provo Reservoir Co. Canal.					Provo Reservoir Canal.						Provo Reservoir Co.			
1923	14' Rating Station.				1923	14' Rating Station.					Lateral No. 1.			
Date	Time	G.H.	Q.		Date	Time	G.H.	Q.			1923 (Cont.)			
5-24	8-16p	294	199.00		8-30	512p	240	150.—			Date	Time	G.H.	Q.
6-6	8-10a	292	196.92		9-1	946a	226	138.7			8-7	634a		00
7-3	952a	255	163.50		9-4	918a	246	155.4			8-8	812a		00
7-3	745p	260	168.—		9-5	1057a	238	147.80			8-8	745p		00
7-4	550a	246	155.40		9-12	645p	206	123.90			8-9	342p		00
7-4	707p	276	182.40		9-14	1008a	194	115.5			8-11	854a	70	3.74
7-5	450a	282	187.80		9-15	550p	198	118.30			8-14	622a		00
7-6	932a	286	191.40		9-22	529p	180	105.70			8-18	430p	70	3.74
7-6	600p	278	184.20		9-25	927a	207	124.59			8-22	600p		00
7-7	524a	286	191.40								8-25	1045a		00
7-7	1142a	276	182.40								8-27	917a	53	2.43
7-8	655p	277	183.30		Provo Reservoir Co.						8-30	512p		00
7-9	528a	228	140.30		Lateral No. 1						9-1	946a		00
7-9	128p	235	145.90		1923	2 Ft. Rect. Weir.					9-4	918a	64	3.19
7-10	750p	265	172.50		Date	Time	G.H.	Q.			9-5	1057a		00
7-11	750a	290	195.—		6-6	810a		00			9-12	645p		00
7-12	1030a	260	168.—		7-3	952a		00			9-14	1008a		00
7-13	846a	273	180.78		7-4	707p	73	3.98			9-15	550p		00
7-15	710p	293	198.—		7-5	450a	73	3.98			9-25	927a	51	2.30
7-17	950a	288	193.20		7-6	932a		00			Provo Reservoir Company			
7-19	915a	253	161.70		7-6	600p		00			Total of Canal & Lat. #1.			
7-20	937a	260	168.—		7-7	524a		00			Date	Time	Q.	Date	Time	Q.
7-20	610p	248	157.20		7-7	1142a		00			6-6	810a	196.92	8-6	908a	173.40
7-21	413p	259	162.10		7-9	528a		00			7-3	952a	163.50	8-7	634a	159.00
7-23	1028a	282	187.80		7-9	128p		00			7-3	Repairing Dam		8-8	812a	159.00
7-25	910a	290	195.00		7-10	750p		00			7-4	707p	186.38	8-8	745p	148.30
7-27	911a	278	181.70		7-11	750a		00			7-5	450a	191.78	8-9	342p	156.30
8-1	522a	289	194.10		7-12	1030a	73	3.98			7-6	600p	184.20	8-11	854a	151.24
8-4	656a	289	194.10		7-13	846a	76	4.22			7-7	524a	191.40	8-14	622a	176.10
8-6	908a	266	173.40		7-15	710p		00			7-7	1142a	182.40	8-18	430p	168.14
8-7	634a	250	159.—		7-19	915a	76	4.22			7-9	528a	140.30	8-22	600p	147.50
8-8	812a	250	159.—		7-20	937a	70	3.74			7-9	128p	145.90	8-25	1045a	144.30
8-8	745p	238	148.30		7-20	610p	66	3.34			7-10	750p	172.50	8-27	917a	146.73
8-9	342p	247	156.30		7-21	413p		00			7-11	750a	195.—	8-30	512p	150.—
8-11	854a	237	147.50		7-23	1028a		00			7-12	1030a	171.98	9-1	946a	138.70
8-14	622a	269	176.10		7-25	910a		00			7-13	846a	185.—	9-4	918a	158.59
8-18	430p	256	164.40		7-27	911a	70	3.74			7-15	710p	198.00	9-5	1057a	147.80
8-22	600p	237	147.50		8-1	522a		00			7-19		165.92	9-12	645p	123.90
8-25	1045a	233	144.30		8-4	656a	71	3.82			7-20	937a	171.74	9-14	1008a	115.50
8-27	917a	233	144.30		8-6	908a		00			7-20	610p	160.54	9-15	550p	118.30
TOTAL											7-21	413p	162.10	9-25	927a	126.59
											7-23	1028a	187.80	9-28	Start Dam Pump	
											7-25	910a	195.—			
											7-27	911a	185.44			
											8-1	522a	194.10			
											8-4	656a	197.92			

Computations made by T.F.W. 44 Observations made by T.F.W.

Provo Reservoir Co.
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TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Correction at Station Ded.	Correction at Station G. H.
Timpanogos Canal Co. Canal.											
7 ft. Palmer Flume											
Upper Station.											
1923 T. F. Hoopes obsr.											
Date Time G.H. Cfs.											
7-3 540p 87 12.85											
7-3 Raised in B.R.											
7-3 Raised from Valve											
7-3 645p 108 17.90											
7-4 703a 110 18.50											
7-4 721p 116 20.60											
7-5 507a 127 24.45 Cut											
7-5 641p 110 18.50											
7-6 938a 108 17.90											
7-6 705p 107 17.60											
7-7 542a 106 17.30											
7-7 910a 105 17.02											
7-9 555a 97 14.60											
7-9 1336p 100 15.40											
7-10 738p 102 15.70											
7-10 Cut to 100 15.20											
7-13 1020a 95 13.43											
7-13 Raised to 100 14.60											
7-13 418p 102 15.10											
7-15 736p 108 16.30											
7-17 1002a 102 13.70											
7-19 918a 100 12.40											
7-20 855a 106 13.70											
7-20 600p 91 10.00											
7-20 Raised to 105 13.40											
7-21 427p 104 12.70											
7-23 1040a 106 12.50											
7-25 915a 116 15.00											
7-27 738a 112 12.81											
7-27 Moose Road											
7-27 Raised to 120 15.60											
7-30 Cleaning Moose											
Curve Change											
8-1 530a 117 20.95											
8-4 642a 110 18.50											
8-5 434p 111 18.85											
8-6 916a 117 20.86											
8-6 Cut by Closing Valve.											
TOTAL											

Timpanogos Canal Co. Canal (Con)											
1923 T. F. Hoopes obsr											
Date Time G.H. Cfs.											
8-6 720p 95 14.69											
8-7 618a 97 14.50											
8-9 356p 97 14.50											
8-14 625a 100 15.30											
8-18 418p 97 14.44											
8-20 552p 96 14.30											
8-27 922a 97 14.20											
8-27 Chapman Reports gate on											
Timpanogos of Bailey 0.04'											
low, use rating of offset.											
102 15.50											
8-30 544p 102 15.50											
9-1 959a 105 15.90											
9-4 929a 101 14.40											
9-5 1130a 106 15.84											
9-12 636p 102 13.90											
9-15 324p 102 13.90											
9-22 608p 102 13.90											
9-25 953a 98 12.98											
9-27 Cut by closing											
down Pump.											
Total Not Underscored											
observed by Mr. Hutchings.											
7-17 600a 110 16.10											
7-17 5p 100 13.20											
7-18 530a 100 12.80											
7-18 500p 100 12.80											
7-19 530a 100 12.40											
7-19 7p 110 15.30											
7-20 530a 110 14.90											
7-20 530p 105 13.40											
7-21 530a 105 13.00											
7-21 530p 106 13.30											
7-22 530a 112 14.80											
7-22 600p 110 14.10											
7-23 530a 112 14.40											
7-23 530p 110 13.70											
7-24 530a 122 17.50											
7-24 530p 122 17.50											
7-25 530a 122 17.10											

Timpanogos Canal Co. Canal			
1923 Mr. Hutchings obsr			
Date Time G.H. Cfs.			
7-25 530p 109 12.60			
7-26 6a 116 14.60			
7-26 530p 128 18.80			
7-27 6a 106 10.90			
7-27 530p 125 17.35			
7-28 6a 122 15.90			
7-28 530p 122 15.90			
7-29 530a 122 15.50			
7-29 530p 122 15.50			
7-30 530a 130 17.90			
7-30 Cleaned			
7-30 6p 95 14.40			
7-31 530p 100 15.60			
7-31 630p 110 18.50			
8-1 530a 115 20.25			
8-1 630p 110 18.50			
8-2 630a 115 20.25			
8-2 530p 110 18.50			
8-3 630a 120 22.00			
8-3 7p 110 18.50			
8-4 7a 115 20.25			
8-4 7p 110 18.50			
8-5 7a 112 19.20			
8-5 7p 110 18.50			
8-6 7a 110 18.50			
8-6 7p 95 14.10			
8-7 6a 95 14.10			
8-7 7p 95 14.10			
8-8 630a 95 14.10			
8-9 530a 94 13.90			
8-9 6p 95 14.10			
8-10 5a 95 14.10			
8-10 6p 96 14.30			
8-11 5a 96 14.30			
8-11 6p 96 14.30			
8-12 6a 100 15.30			
8-12 6p 100 15.30			
8-13 6a 100 15.30			
8-13 530p 86 12.30			
8-13 Pump down			

Computations made by ..... 43 Observations made by .....

Provo Reservoir Co.
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TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME				Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Timpanogus Canal Co. Canal. 1923. Mr. Hutchings observer.					Timpanogus Canal Co. Canal (Con) 1923 Mr. Hutchings observer						Timpanogus Canal Co. Canal. 1923. Mr. Hutchings observer.			
Date	Time	G.H.	Cfs.		Date	Time	G.H.	Cfs.			Date	Time	G.H.	Cfs.
8-14	530a	100	15.30		9-3	6a	102	14.80			9-23	630a	102	13.9
8-14	6p	96	14.30		9-3	6p	102	14.80			9-23	530p	102	13.9
8-15	530a	96	14.30		9-4	530a	120	20.20			9-24	5a	92	11.60
8-15	6p	96	14.30		9-4	7p	102	14.70			9-24	6p	106	15.10
8-16	530a	94	13.90		9-5	6a	102	14.60			9-25	8a	104	14.50
8-16	6p	94	13.90		9-5	5p	102	14.60			9-25	5p	104	14.50
8-17	530a	95	14.10		9-6	6a	104	15.10			9-26	630a	102	13.90
8-17	6p	96	14.30		9-6	530p	102	14.50			9-26	6p	102	13.9
8-18	530a	99	15.10		9-7	6a	102	14.40			9-27	8a	102	13.9
8-18	630p	98	14.90		9-7	5p	102	14.40			9-27	5p	70	7.80
8-19	545a	100	15.30		9-8	6a	102	14.30			9-28	7a	70	7.80
8-19	6p	100	15.30		9-8	6p	102	14.30						
8-20	530a	100	15.30		9-9	530a	102	14.20			Flumed Curve			
8-20	6p	100	15.30		9-9	5p	102	14.20			and departures			
8-21	530a	96	14.30		9-10	7a	102	14.10			on file			
8-21	7p	96	14.30		9-10	530p	102	14.10						
8-22	530a	95	14.10		9-11	6a	98	13.10						
8-22	6p	96	14.30		9-11	530p	102	14.0						
8-23	530a	100	15.30		9-12	630a	102	13.9						
8-23	530p	96	14.30		9-12	540p	102	13.9						
8-24	530a	92	13.50		9-13	630a	102	13.9						
8-24	530p	96	14.30		9-13	6p	102	13.9						
8-25	530a	96	14.20		9-14	6a	102	13.9						
8-25	6p	96	14.20		9-14	610p	104	14.5						
8-26	6a	96	14.10		9-15	6a	102	13.9						
8-26	5p	96	14.10		9-15	6p	102	13.9						
8-27	530a	95	13.80		9-16	6a	110	16.3						
8-27	6p	102	15.50		9-16	550p	110	16.3						
8-28	530a	102	15.40		9-17	630a	110	16.3						
8-28	6p	104	16.00		9-17	550p	102	13.9						
8-29	530a	102	15.30		9-18	645a	102	13.9						
8-29	6p	102	15.30		9-18	6p	102	13.9						
8-30	530a	102	15.20		9-19	7a	102	13.9						
8-30	530p	102	15.20		9-19	510p	102	13.9						
8-31	530a	102	15.10		9-20	7a	102	13.9						
8-31	530p	102	15.10		9-20	6p	102	13.9						
9-1	7a	104	15.60		9-21	7a	102	13.9						
9-1	630p	104	15.60		9-21	6p	102	13.9						
9-2	6a	104	15.50		9-22	6a	102	13.9						
9-2	6p	104	15.50		9-22	650p	102	13.9						
TOTAL														

Computations made by J.J.W. 4v Observations made by M.W.H.

Provo Reservoir Co.
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Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME				Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Provo Bench Canal.					Provo Bench Canal.						Provo Bench Canal.			
Lower Station					Lower Station.						Upper Station			
1923.	15' Rating Flume				1923	J.N. Anderson. Obsv.					1923	T.F. Wantz, Obsv		
	T.F. Wantz Obsv				Date	Time	G.H.	Cfs.			Date	Time	G.H.	
Date	Time	G.H.	Cfs.		5-28	846a	242	195—			7-20	605p	164	
5-19	830a	232	176.—		6-1	935a	242	187.—			7-21	431p	162	
5-24	700p	232	176.05		6-2	1255p	244	189.5			7-23	1049a	166	
6-6	905a	246	190.67		6-3	1020a	250	198.0			7-27	907a	170	
7-3	910a	252	199.00		6-4	1110a	245	190.—			8-1	519a	160	
7-3	Out.				6-6	1140a	246	190.5			8-4	650a	152	x
7-4	645p	218	149.2		6-7	1039a	246	190.5			x Pumps not running.			
7-4	Out.				6-11	157p	248	193.5			8-5	446p	176	
7-7	800a	196	119.34		6-14	632p	249	195—			8-6	905a	170	
7-13	930a	186	103.40		6-18	1007a	229	165—			8-6	Canal		
7-17	1120a	185	99.00		6-20	955a	214	143.5			8-7	630a	172	
7-21	503p	180	90.10		6-26	430p	222	155—			8-8	741p	170	
7-21	Got off Record				6-27	542a	242	186—			8-9	339p	170	
7-21	Cor. made of diversions upon with Power Co.				6-29	847a	249	195—			8-14	637a	174	
7-25	842a	202	114.70 x		Provo Bench Canal.						8-18	435p	168	
x all pumps shut down.					Upper Station.						8-22	556p	170	
					16 Ft. Rating Flume.						8-27	913a	168	
7-27	845a	199	106.78		1923 T.F. Wantz Obsv.						8-30	517p	166	
8-6	815a	205	102.58		Date	Time	G.H.				9-1	943a	166	
8-18	502p	190	97.74		6-6	845a	232				9-4	914a	162	
8-17	Cleaned of Moss.				7-4	702p	204				9-5	1054a	162	
8-27	854a	191	98.40		7-4	830p	180				9-12	626p	166	
9-5	1014a	189	94.12		7-5	511a	186				9-22	543p	166	
9-15	1130a	198	99.10		7-6	956a	180				9-25	922a	170	
9-15	12m	198	99.10		7-6	603p	178				9-26	Turned foot off		
9-25	835a	205	101.29		7-7	529a	178				by request, feel			
Obsv. by J.N. Anderson					7-7	902a	181				water lines not in.			
5-4	457p	190	119.0		7-9	531a	178				9-26	Closed down pumps		
5-7	915a	202	134.—		7-9	125p	170				9-26	Out again		
5-8	1125a	220	160.—		7-9	442p	167							
5-9	918a	230	174.—		7-10	745p	167							
5-10	810a	228	170.—		7-11	754a	166							
5-12	924a	228	170.—		7-12	1024a	166							
5-16	1033a	232	176.—		7-13	911a	166							
5-17	808a	228	170.—		7-13	430p	170							
5-20	930a	228	170.—		7-14	714p	170							
5-22	222p	234	179.—		7-17	1055a	164							
5-25	952a	244	194.—		7-19	911a	168							
5-26	827a	246	196.—		7-20	840a	172							
TOTAL														

Computations made by ..... 41 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Provo Bench Canal. Upper Station.		Provo Bench Canal Upper Station (Con)						West Union Canal (Con)			
1923 J. M. Anderson Obs.		1923 J. M. Anderson Obs.						1923			
Date Time G.H.		Date Time G.H.						Date Time G.H. Cfs.			
5-4 105p 16r		6-27 937a 224						8-5 454p 74 27.84			
5-5 8-14a 194		6-28 816a 228						8-6 857a 72 26.64			
5-6 922a 198		6-29 815a 234						8-7 558a 72 26.64			
5-8 817a 200		6-30 714a 232						8-9 333p 70 25.56			
5-8 1005a 210		7-2 1130a 234						8-14 642a 70 25.56			
5-9 804a 214		[redacted]						8-18 441p 70 25.56			
5-10 1032a 218								8-22 535p 70 25.56			
5-12 900a 220		West Union Canal. 1'x12' Supp. Weir.						8-27 908a 78 30.18			
5-14 815a 218		1923.						8-30 525p 74 27.84			
5-16 722a 222		Date Time G.H. Cfs.						9-1 935a 76 28.98			
5-16 400p 180		5-24 810p 92 39.48						9-4 900a 72 26.64			
5-17 712a 216		6-6 852a 54 34.08						9-5 1047a 72 26.64			
5-19 252a 216		7-3 925a 80 31.50						9-12 620p 70 25.56			
5-20 820a 215		7-3 650p 80 31.50						9-15 445p 70 25.56			
5-21 122p 220		7-4 656p 80 31.50						9-22 535p 54 16.98*			
5-22 145p 222		7-5 518a 84 34.08						*Valve leaking, Reduced			
5-23 805a 220		7-5 658p 80 31.50						9-25 915a 30 6.91*			
5-24 815a 220		7-6 952a 80 31.50									
5-25 800a 230		7-6 614p 78 30.18						Part of Nuttal Ditch. 0.25' x 3' Supp. Weir.			
5-26 913a 232		7-7 532a 80 31.50						Date Time G.H. Cfs.			
5-27 1032a 232		7-7 350a 80 31.50						7-7 852a 45 3.24			
5-28 1003a 230		7-9 538a 92 39.48						7-13 918a 65 5.79 Cut			
6-1 908a 222		7-9 118p 90 38.16						7-27 857a 47 3.49			
6-2 132p 228		7-9 449p 78 30.18						8-6 558a 49 3.74			
6-3 945a 234		7-10 725p 80 31.50						8-18 440p 47 3.49			
6-4 1153a 236		7-11 758a 80 31.50						8-27 909a 47 3.49			
6-5 904a 234		7-12 1018a 80 31.50						9-5 1048a 48 3.56			
6-6 810a 232		7-13 919a 84 34.08						9-15 449p 43 3.03			
6-7 909a 232		7-15 720p 84 34.08						9-25 916a 59 5.01			
6-8 502p 232		7-17 1102a 80 31.50									
6-11 235p 232		7-19 904a 84 34.08									
6-13 704a 232		7-20 540p 72 26.64									
6-15 112p 228		7-21 454p 70 25.56									
6-16 700p 214		7-23 1057a 70 25.56									
6-18 1036a 214		7-25 902a 70 25.56									
6-18 1055a 228		7-27 856a 70 25.56									
6-20 910a 198		8-1 512a 72 26.64									
6-23 1125p 190		8-4 652a 70 25.56									
6-26 402p 210											
TOTAL											

Computations made by ..... 40 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.

Little Dry Creek Canal. 4 Ft. Cipp Weir.

1923

Date	Time	G.H.	cfs.
7-7	413p	50	3.57
7-8	630a	82	10.00
7-9	1125a	80	9.64
7-13	1152a	70	7.89
7-25	1042a	72	8.23
7-27	1120a	66	7.22
8-6	1045a	72	8.23
8-10	730a	74	8.57
8-10	1135a	66	7.22
8-15	420p	62	6.57
8-18	240p	70	7.89
8-27	1055a	62	6.57
9-5	207p	66	7.22
9-15	220p	60	6.26
9-25	1125a	19	1.12 *

* Water over weir.

Fort Field Canal. 2.5 Ft. Rating Flume.

1923

Date	Time	G.H.	cfs.
7-7	437p	97	4.65
7-13	10p	125	7.36
7-25	1100a	125	7.30
7-27	105p	120	6.72
8-6	1142p	120	6.66
8-18	1145p	112	5.90
9-5	40p	108	4.94
9-25	142p		0.0

Lake Bottom Canal. 10' Rating Flume.

1923

Date	Time	G.H.	cfs.
7-7	336p	60	8.69
7-13	121p	60	8.69
7-27	1145a	105	13.79
8-6	1113a	100	10.21
8-18	1157p	120	10.23
9-5	330p	95	11.00
9-25	235p		2.80 *

* Channel partly clean.

TOTAL

Spring Creek Ditches

1923

Date	Time	cfs.
7-7	p	10.94
7-13	p	14.61
7-27	p	4.15
8-6	a	5.08
8-18	p	6.65
9-5	a	5.48
9-25	p	0.85

Utah Valley Summary.

1923

Date.	Total Diverted.	To Lake	Total cfs Utah Valley.	Use.	Inflow.
7-7	510.72	50	510.72	451	61
7-13	486.34	50	486.34	406	80
7-27	480.93	1.60	482.53	395	87
8-6	466.39	1.65	468.04	390	78
8-18	446.72	3.00	449.72	382	67
8-27			426.72	351	75 *
9-5	419.89	1.40	421.29	352	69
9-15			393.88	323	71
9-25	369.23	34.95	404.18	332	73

* approx 67 by curve.

Computations made by ..... 39 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Timpanogus Irrigation Co. Canal.							Timpanogus Irrig Co Canal.				
1'x13.25' Supp. Weir.							1923. (I. F. Baum obs'r)				
1923. (T. F. Wantz, obs'r.)							Date	Time	G.H.	Cfs.	
Date	Time	G.H.	cfs.				8-4	720a	96	46.90	
6-6	200p	96	46.90				8-4	745a	84	37.60	
6-11	300p	108	56.71				8-5	652a	82	36.24	
6-25	1140a	116	63.60				8-5	715a	95	45.98	
7-5	310p	108	56.71				8-6	655a	94	45.12	
7-11	1135a	114	61.88				8-7	655a	94	45.12	
7-12	310p	104	53.53				8-8	655a	94	45.12	
7-18	1140a	90	42.14				8-8	Quite open without			
7-22	1013a	98	48.36					dredge more.			
8-8	400p	92	43.59				8-9	700a	92	43.59	
8-17	325p	68	26.90				8-10	653a	92	43.59	
(I. F. Baum obs'r)							8-11	902a	98	48.36	
7-5	310p	108	56.71				8-12	642a	94	45.12	
7-7	825a	108	56.71				8-13	700a	50	16.73	
7-8	924a	104	53.53				8-13	710a Diff. 94 =		45.12	
7-10	900a	110	56.18				Cloud Burst up River has				
7-11	929a	110	56.18				washed part of Timpanogus				
7-13	815a	104	53.53				tunnel out which was				
7-14	914a	108	56.71				burned in by Wm Mueller				
7-16	900a	110	56.18				last night				
7-17	650a	100	50.05				8-14	852a	94	45.12	
7-18	700a	96	46.90				8-15	823a	88	40.68	
7-19	832a	92	43.59				8-15	830a Cut to	71	28.76	
7-20	903a	90	42.14				8-16	640a	71	28.76	
7-21	734a	84	37.60				8-17	645a	68	26.90	
7-22	807a	90	42.14				8-17	650a Cut to	71	28.76	
7-23	818a	100	50.08				8-18	652a	71	28.76	
7-24	745a	76	32.00	Dam out.			8-19	536p	71	28.76	
7-25	915a	74	30.74				8-21	710a	70	28.22	
7-25	1245p	100	50.08				8-22	625a	66	25.72	
7-26	807a	78	33.32				8-22	635a Cut to	47	15.14	
7-26	Dam gone out again.						8-23	620a	42	12.73	
7-27	845a	92	43.59				8-24	630a	42	12.73	
7-28	743a	92	43.59				8-24	Cut to		5.—	
7-29	755a	70	28.22				8-25			5.—	
7-30	815a	68	26.90				8-26	1120a	24	5.46	
7-31	730a	71	28.76				8-26	1130a Cut to		0.00	
8-1	733a	73	30.08								
8-2	721a	82	36.24								
8-3	830a	86	39.22								
TOTAL											

Computations made by T.F.W. & J.F.B. 38 Observations made by T.F.W. & J.F.B.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

C.R. 1923

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
North Field Canal.							North Field Canal. (Con)				
1.5' X 15' Supp. Weir							1923. (I F Baum obsr)				
1923 (T. F. Weitz obsr.)							Date	Time	G.H.	Disc.	
Date	Time	G.H.	Disc.				7-25	112p	81	38.92	
5-21	910a	134	87.00				7-26	740a	98	52.80	
6-6	137p	130	82.87				7-27	708a	78	36.60	
6-11	325p	148	102.00				7-28	718a	78	36.60	
6-25	1215p	158	112.87				7-29	720a	83	40.50	
7-5	322p	124	77.25				7-30	740a	72	32.40	
7-11	1125a	136	89.10				7-31	648a	92	47.70	
7-12	433p	100	54.60				8-1	654a	84	41.40	
7-22	1030a	84	41.40				8-2	650a	74	33.75	
8-8	503p	12	1.40				8-3	748a	90	46.05	
8-17	300p	21	5.02				8-4	648a	70	31.05	
8-25	248p	21	5.02				8-5	621a	60	24.37	
8-28	1155a	70	31.05				8-6	615a	58	23.05	
9-1	115p	66	28.35				8-7		24	5.00	
9-4	135p	68	29.70				8-9	635a		5.—	
9-14	155p	66	28.35				8-10	630a		5.—	
	(I. F. Baum obsr)						8-11	835a		5.—	
7-5	322p	124	77.25				8-12	620a		5.—	
7-7	802a	102	56.40				8-13	635a	50	18.52	
7-8	910a	114	67.20				8-14	823a	46	16.27	
7-9	715a	136	89.10				8-15	755a	38	12.19	
7-10	843a	124	77.25				8-16	610a	38	12.19	
7-11	910a	130	82.87				8-17	614a	40	13.12	
7-13	709a	106	60.30				8-18	627a	38	12.19	
7-13	430p	124	77.25				8-19	505p	38	12.19	
7-14	823a	114	67.20				8-21	615a	34	10.32	
7-14	840a	108	61.95				8-22	605a		10.—	
7-15	853a	120	73.05				8-23	600a	32	9.45	
7-16	911a	112	65.55				8-24		24	8.00	
7-17	620a	104	58.20				8-25	615a	36	11.25	
7-17	625a	100	54.60				8-26	1225p	32	9.45	
7-18	635a	94	49.35				8-27	653a	68	29.70	
7-18	215p	81	38.92				8-27	710a	73	33.00	
7-19	805a	80	38.25				8-28	627a	70	31.05	
7-20	840a	81	38.92				8-29	640a	70	31.05	
7-21	705a	80	38.25				8-30	900a	70	31.05	
7-22	740a	94	49.35				8-31	645a	70	31.05	
7-22	935a	86	42.90				9-1	700a	70	31.05	
7-23	745a	86	42.90				9-2	705a	56	21.90	
7-24	713a	96	51.00				9-2		66	28.80	
7-25	824a	100	54.60				9-5	815a	66	28.80	
TOTAL											

Computations made by T.F.W. & J.A.B. 37 Observations made by T.F.W. & J.A.B.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Wasatch Canal.											
1' x 18' Supp. Weir.											
1923. (T. F. Hantz obst.)											
Date	Time	G-H	Cfs.								
5-21	910a	100	68.04								
6-6	137p	120	91.35								
6-11	325p	120	91.35								
6-25	1215p	130	103.95								
7-5	322p	124	96.48								
7-11	1125a	130	103.95								
7-12	433p	110	79.56								
7-22	1030a	110	79.56								
8-8	503p	107	75.96								
8-17	300p	94	61.29								
8-17	517p	100	68.04								
8-25	248p	94	61.29								
8-28	1055a	68	36.54								
9-1	115p	68	36.54								
9-4	135p	66	35.01								
9-14	155p	54	25.47								
9-19	1030a	60	30.15								
(I. F. Baum, obst.)											
7-5	322p	124	96.48								
7-7	802a	117	87.66								
7-8	910a	124	96.48								
7-9	715a	130	103.95								
7-10	843a	126	99.00								
7-11	910a	128	101.16								
7-13	709a	112	82.08								
7-13	430p	126	99.00								
7-14	822a	122	94.50								
7-14	840a	126	99.00								
7-15	853a	130	103.95								
7-16	910a	124	96.48								
7-17	620a	116	86.40								
7-17	625a	120	91.35								
7-18	634a	112	82.08								
7-18	215p	104	72.72								
7-19	808a	102	70.20								
7-20	840a	104	72.72								
7-21	705a	102	70.20								
7-22	740a	122	94.50								
Wasatch Canal. (con.)											
1923. I. F. Baum. obst.											
Date	Time	G-H	Cfs.								
7-23	742a	108	77.04								
7-24	712a	126	99.00								
7-25	823a	112	82.08								
7-25	112p	108	77.04								
7-26	739a	116	86.40								
7-27	707a	98	65.70								
7-28	718a	98	65.70								
7-29	720a	102	70.20								
7-30	740a	96	63.72								
7-31	647a	80	47.25								
8-1	653a	100	68.04								
8-2	648a	112	82.08								
8-3	747a	124	96.48								
8-4	648a	112	82.08								
8-5	621a	116	86.40								
8-6	613a	106	75.24								
8-7	630a	118	89.10								
8-8	627a	112	82.08								
8-9	635a	106	75.24								
8-10	630a	106	75.24								
8-11	835a	110	79.56								
8-12	619a	106	75.24								
8-13	634a	112	82.08								
8-14	822a	108	77.04								
8-15	755a	100	68.04								
8-16	610a	102	70.20								
8-17	614a	104	72.72								
8-18	622a	102	70.20								
8-19	505p	100	68.04								
8-21	615a	94	61.29								
8-22	605a	90	57.24								
8-23	555a	94	61.29								
8-24	605a	90	57.24								
8-25	615a	96	63.72								
8-26	1225p	98	65.70								
8-27	653a	74	41.76								
8-28	627a	68	36.54								
8-29	640a	66	35.01								
8-30	900a	70	38.34								
8-31	645a	70	38.34								
9-1	700a	70	38.34								
9-1	705a	74	41.76								
9-5	815a	64	33.48								
TOTAL											

Computations made by J.W. & J.H.B.

Observations made by J.W. & J.H.B.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Provo Reservoir Co Weir						Provo Reservoir Co. Weir.					
Near Wasatch Dam						Near Wasatch Dam.					
1.5' x 91 Supp. Weir						1923.		F.F. Baum obst.			
1923 T.F. Wantz obst.						Date	Time	~~G.H.~~ Cfs.			
Date	Time	G.H.	Cfs.			8-5	633a	154	65.07		
7-12	Reservoir Weir					8-6	633a	148	61.20		
7-12	400p	96	30.60			8-7	640a	154	65.07		
7-22	1043a	158	67.72			8-8	635a	150	62.55		
8-8	453p	150	62.55			8-8	715a	154	65.07		
8-17	452p	126	53.46			8-9	645a	152	63.90		
8-17	502p	117	47.03			8-10	637a	150	62.55		
8-25	300p	112	39.33			8-11	845a	159	68.04		
8-28	1105a	100	32.76			8-12	626a	152	63.90		
9-1	126p	98	31.68			8-13	645a	180	84.50		
9-4	150p	100	32.76			8-14	838a	170	77.40		
9-14	228p	82	23.76			8-15	808a	152	63.90		
9-19		76	4.14			8-16	620a	152	63.90		
F.F. Baum obst.						8-16	625a	141	56.88		
7-13	721a	98	31.68			8-17	624a	120	43.83		
7-14	856a	108	37.17			8-17	632a	141	56.88		
7-15	920a	116	41.49			8-18	632a	112	39.33		
7-17	633a	150	32.76			8-19	514p	114	40.32		
7-18	645a	90	27.63			8-21	625a	110	38.16		
7-18	200p	131	50.40			8-22	612a	108	37.17		
7-19	815a	140	56.07			8-23	608a	108	37.17		
7-20	845a	126	47.43			8-23	Pump	117	47.03		
7-21	716a	134	52.20			8-24	625a	108	37.17		
7-22	750a	136	53.46			8-25	625a	115	41.04		
7-22	925a	160	68.40			8-26	12M	110	38.16		
7-23	800a	158	67.72			8-26	Cut off	100	32.76		
7-24	724a	166	72.50			8-27	700a	100	32.76		
7-25	846a	152	63.90			8-29	655a	100	32.76		
7-25	100p	154	65.07			8-30	935a	100	32.76		
7-26	750a	164	71.01			8-31	700a	100	32.76		
7-27	720a	138	54.72			9-1	715a	100	32.76		
7-28	726a	138	54.72			9-2	550p	98	31.68		
7-29	730a	148	61.20								
7-30	758a	152	63.90								
7-31	705a	150	62.55								
8-1	710a	141	56.88								
8-2	703a	159	68.04								
8-3	800a	170	77.40								
8-4	705a	156	66.60								
TOTAL											

Computations made by J.G.W. & J.C.B. 35 Observations made by J.G.W. & J.C.B.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Midway Frig Co.						Midway Frig Co.					
River Ditch.						River Ditch.					
8' Cipp. Weir						8' Cipp. Weir					
1923. T. F. West Engr.						1923. I. F. Baum Engr.					
Date	Time	G.H.	Cfs.			Date	Time	G.H.	Cfs.		
7-12	Put in Weir.					8-13	615a	68	15.10		
7-12	215p	79	18.91			8-13	Burnett	76	17.84		
7-12	515p	Passed storage				8-16	555a	76	17.84		
	and Tunnel Water from					8-16	Cutts	66	14.44		
	Midway upper Dam					8-18	615a	54	10.69		
8-8	515p	77	18.20			8-21	645a	50	9.52 ✓		
8-17	240p	63	13.47			8-24	655a	50	9.52 ✓		
8-17	Cutts	54									
8-28	1045a	48	8.96			Midway Frig Co.					
9-1	152p	48	8.96			Snake Creek.					
9-4	445p	47	8.68			7-28-1923					
9-14	305p	45	8.13						Time	Ded	cfs
I. F. Baum						Snake Creek Tunnel			1027a	58	2.05
7-11	1041a	80	19.27			" " upper "			1101a		10.75
7-13	840a	75	17.49			Lower Creek			1210p	50	4.59
7-15	840a	76	17.84			Parkers Inlet			1235p	20	0.90
7-17	610a	74	17.14			Lower Huber			1240p		0.10
7-18	620a	75	17.49			upper "			1240p		00
7-19	751a	75	17.49			Huber Ponds			1258p		0.05
7-20	825a	75	17.49			Maund			101p		0.12 ✓
7-23	727a	86	21.48			West Bench			107p	54	6.98
7-23	Cutts	75	17.49			Snake Creek at Ford			135p		16.59
7-24	700a	75	17.49			Parkers Inlet			210p	66	4.96
7-26	725a	75	17.49			Wilson			220p		3.05
7-28	708a	74	17.14			Total Snake Creek					33.75
7-30	730a	90	23.00			Sept. 6. 1923.					
7-31	840a	75	17.49			Parkers			305p		00
7-31	850a	62	13.15 adj.			Lower Huber			310p		1.80
8-1	840a	58	11.90			upper "			325p		00
8-1	Parkers	75	17.49			Huber Ponds			345p		00
8-3	730a	84	20.74			Maund			353p		2.44
8-5	610a	80	19.27			West Bench			403p	48	5.84
8-5	Cutts	75	17.49			Snake Creek at Ford			414p		11.36
8-7	618a	66	14.44			Parkers			430p	60	4.25
8-7	Parkers	75	17.49			Wilson			440p		3.24
8-8	830p	76	17.84			Total Snake Creek					28.93
8-11	820a	80	19.27								
8-11	Cutts	75	17.49								
TOTAL											

Computations made by TFW 34 Observations made by IFB.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Spring Creek & Sagebrush											
1923											
Date	Time	G.H.	Cfs.								
5-21	1025a	116									
6-6	12m.	158									
7-5	1150a	138	41.47								
8-5	1125a	134									
8-17	106p	118	24.19								
9-1	226p	108									
Lower Charleston Canal.											
1923	8' Rating Flume.										
Date	Time	G.H.	Cfs.								
5-21	1050a	144									
7-5	1050a	144	21.15								
7-12	1145a	100									
7-12	Instructed to Run 1.00.										
8-17	1125a	130	19.19								
8-17	Cut to		11.00								
8-28	1015a	102									
9-4	1105a	110	Cut.								
Sunrise Canal.											
1923											
Date	Time	G.H.	Cfs.								
7-11	347p.	112	6.78								
9-11			5.0								
South Kamas Canal.											
1923	10' Rating Flume.										
Date	Time	G.H.	Cfs.								
7-11	440p	117	56.08								
7-11	702p	115	49.50								
7-12	230p	96	38.—								
7-17	730p	78	27.20								
7-18	305p	102	41.97								
7-21	12m	66	20.—								
7-23	1030a	76	26.0								
7-27	150p	60	16.50								
8-8	145p	60	16.50								
8-10	1000a	60	16.50								
8-13	1210p	76	26.0								
8-20	1230p	62	17.60								
8-24	1030a	61	17.00								
8-28	145p	55	14.00								
8-30	1020a	50	11.50								
9-5	920a	50	11.50								
9-6	1100a	55	14.00								
9-11	50p	50	11.50								
9-22	20p	40	6.50								
9-28	320p	45	9.00								
Brown Wall											
1923											
Date	Time	G.H.									
5-21	1055a	17.3									
7-5	1128a	21.75									
6-29	720p	4.4									
8-6	1225p	6.6									
8-17	1225p	7.0									
9-1	1135a	11.6									
Washington Canal.											
1923	7' Rating Flume										
Date	Time	G.H.	Cfs.								
7-11	235p	166	32.07								
7-12	300p	154	28.—								
7-17	700p	132	21.5								
7-18	323p	140	24.08								
7-21	1130a	128	20.—								
7-23	1000a	128	20.—								
7-27	130p	65	4.50								
8-8	225p	60	3.80								
8-10	950a	40	1.80								
8-13	1120a	124	19.0								
8-20	1020a	120	17.80								
8-24	1100a	120	17.80								
8-28	225p	96	10.24								
8-30	1210p	114	15.90								
9-5	1000a	100	11.60								
9-6	1150a	95	10.0								
9-11	Culinary		3.—								
TOTAL											

Computations made by ..... 33 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR Daily Stats Mr. Wantz.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Memo of T. F. Wantz. 1923.											
May 19. 1923											
Provo Bench L. Stat.	830a	232	176-	Forkout Register for Repairs							
May 21. 1923											
Wasatch	910a	100	68.04								
N. Field	910a	134	87.00								
Sp. Creek & Sagebrush	1025a	116									
Upper Charleston	out - Cleaning										
Lower Charleston	1050a	144									
Brown Well	1055a	173'									
USGS gage	1150a	500									
May 24. 1923											
Provo Bench St.	700p	232	176.05	Reinstalled Register.							
West Union	810p	92	39.48								
Provo Res. Canal	816p	294	199.-								
May 22-23. Survey of Small Alt Lands.											
May 28. 1923											
Codie Clegg, Reports on trip to Lakes; May 22 to 28. 1923.- Condition at Lakes about same as last year. about 5 ft of snow above lakes. Lakes covered with ice and snow; Long Lake full. 2 ft of snow at Big Meadows, going fast; 3 ft at Canal; 4 ft at Trail Lake Cabin; 5 ft at Washington and Wall.; all good snow.											
June 6. 1923.											
Provo Res. Canal	810a	292	196.92								
" " Lot #1.	810a		80								
Provo Bench West.	845a	232									
West Union	852a	54	34.08								
Provo Bench St.	905a	246	190.67								
USGS. gage	1035a	400									
Sp Creek & Sagebrush	12m	158									
Wasatch	137p	120	91.35								
N. Field	137p	130	52.57								
Sampauqui	200p	96	46.90								
Codie Clegg Reports on trip to Lakes June 2-5 - about 5 ft of snow above Trail Lake. Better snow than last year, conditions not much different than last trip.											
TOTAL											

Computations made by ..... 3 ✓ Observations made by .....

Provo Reservoir Co.
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Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

2

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
June 11, 1923											
Delt E. A. Jacobs & Hymen Benedict made Location of "Big Pipe Spring" "Broxelden Spring" "Apple Tree Spring" and "Joint Spring" on Benedict Property, Provo Canyon on Provo Valley.											
Tanfanogus Irrig Co.	300p	108	56.71								
Wasatch	325p	120	91.35								
N. Field	325p	148	104.00								
Wells gage	530p	455									
June 25, 1923											
Tanfanogus Irrig Co.	1140a	116	63.60								
Wasatch	1215p	130	103.95								
N. Field	1215p	158	114.87								
June 29, 1923.											
At Weber & Kamas. Engaged, subject to approval of Bennt J. F. Baum, as asst Commissioner of Wasatch, N. Field, Tanfanogus, and upper Midway @ $50 per month. Also Roy Akman @ $6.00 per day for actual time employed.											
Brown Well.	720p	4.4									
June 30, 1923.											
at 5 pm about 35 cfs to Lake.											
7-3-23 Arranged to have Smith Lake & West Union open Dam											
Provo Bench Lg.	910a	25r	199.00								
West Union	925a	80	31.50								
Set River gage in Right Bank of River opposite West Union Weir.											
River Gage	945a	7r									
Provo Res. Canal	955a	255	163.50	Refusing Dam.							
" " Lot #1.	955a		00								
Olmstead Flume	1110a	605		Put in gage opposite gate house and noted Provo Res. to cut out of flume so river drops to maintain some amount down river.							
City Union	140p	76	18.66								
Factory Race	145p	14r	40	Rating flume							
City Race	150p	8r	12.60								
Lettered below are Schedules.											
UCU & T Fd	430p	93	26.13								
City Creek	430p	105	41.20								
Emergency Dam being installed.											
Tanfanogus Dam	in	O.K.									
TOTAL											

Computations made by ..... 31 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

3

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-3-23.											
Impromptu Ck	540p	87	12.84	Raised from Valve.							
"	645p	108	17.90								
River Gage	650p	72									
West Union	653p	80	31.50								
Cut Pro Bench,	W U & 9th,			& City Creek Raising Pro City							
Pro Res Canal	715p	260	168.—								
7-4-23											
Pro Res Canal	550a	246	155.40								
Amsterdam Flume	625a	590	Cut.								
" "	640a	558	Requested to remove 1 gage plug								
	flume to take the drop.										
Impromptu Ck	703a	110	18.50								
W U & 9th.	712a	86	23.09								
City Creek	712a	80	26.25								
Pro Bench 1st.	645p.	218	149.4								
West Union	656p	80	31.50								
River Gage	658p	71									
Pro Bench West.	702p.	204									
Pro Res Canal	707p	276	187.40								
" " Lat #1.	707p	73	3.98								
W U & 9th	716p	87	23.48								
City Creek	716p	76	24.15								
Impromptu Ck	721p	116	20.60								
Cut W U & 9th, City Creek, and Pro Bench, raising River gage & Pro City											
W U & 9th	815p	81	20.90								
City Creek	815p	50	14.63								
Pro Bench West.	830p	180									
7-5-23.											
Pro Res. Canal	450a	284	187.80								
" " Lat #1.	450a	73	3.98								
W U & 9th.	500a	79	20.05								
City Creek.	500a	48	11.85								
Impromptu	507a	127	24.45 Cut								
Pro Bench West.	511a	186									
River Gage	516a	77									
West Union	518a	84	34.08								
City Creek	524a	84	13.00								
Union	537a	84	21.96								
Factory	553a	154	57. Raising flume								
Tanner	607a	60	13.41								
TOTAL			100.37								

Computations made by ..... 30 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

4)

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-5-23. (Cont.)											
Pressed gage plug opposite Outlet flume at Amsterdam Flume - 4 inch											
Bulkheading flume.											
Wass gage	1005a	274									
Lower Charleston	1055a	144	21.15								
Burns Well	1128a	275									
S. Fork & Deer Creek	1150a	138	41.47								
Ontario Tunnel	205p	143	19.42								
Impounding	310p	108	58.71								
Wasatch	322p	124	96.48								
N. Field	322p	124	77.25								
Impounding C.C.	641p	110	18.50								
Wash Gl.	645p	85	22.70								
City Creek	645p	62	17.60								
River Gage	656p	74									
West Union	658p.	80	31.50								
7-6-23											
City Rose	832a	84	13.00								
Union	837a	70	16.46								
Factory	839a	146	49 -	Riding flume							
Arranged to have Mr. Clegg get it fixed.											
Over Spring Creek											
Provo Res. Canal	937a	286	19.40								
" " Lat #1.	937a		50								
Impounding C.C.	938a	105	17.90								
Wash Gl.	942a	86	23.09								
City Creek	942a	66	19.45								
River Gage	950a	67									
West Union	952a	80	31.50								
Provo Res. Canal	956a	180									
Putting in more bulkheads in Amsterdam Flume.											
Provo Res. Canal	600p	278	184 -								
" " Lat #1.	600p		50								
Provo Res. Canal	608p	178									
River Gage	612p	61									
West Union	614p	78	30.18								
Wash Gl.	617p.	90	24.80								
City Creek	622p	72	22.20								
708p. Bulkheads in Amsterdam flume											
Amsterdam Flume	708p	538	Per plume. Instruct Mr. Lee to have flume at 538 - expect to measure in morning.								
TOTAL											

Computations made by ..... 29 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-6-23 (Con).											
Tanner C.C.	705p	107	17.60								
City Race	722p	110	19.80								
Union	734p	91	25.43								
Factory Race	736p	22	6.50	Weir in not tight.							
Tanner Race	752p	58	12.61								
			64.34								
7-7-23.											
Provo Res Canal	524a	286	191.40								
" " Lat #1,			00								
Provo Bench West.	529a	178									
Power Forge	535a	61									
West Union	537a	80	31.50								
Tanner C.C.	542a	106	17.30								
Union	546a	84	22.15								
City Creek	546a	60	16.75								
Factory Race	616a	216	29.46	30 fo Leakage.							
Union	618a	64	14.38								
City Race	626a	84	13.00								
Tanner, second,			12.61								
			69.45								
TOTAL											

Computations made by ..... 28 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR 7-7-23

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Correction at Station Ded.	Correction at Station G. H.
7-7-23.							(outline & approx. adjustment)				
Provo Bench 1st.	900a	196	119.34	101.44	6-		107.44			11.90	
West Union	850a	80	31.50	30.29	—	—	30.29		~~1.21~~	1.21	
Park & Nuttall	852a	45	3.24	2.49	—	—	2.49			3.88	
Borton & Young	900a	44	3.13								
River Bridge	854a	62									
Provo Bench 1st	902a	181									
Impromptu C.A.	910a	105	17.02	17.83	3-		15.83			1.19	
Olmstead Flume	955a	56	271.54	2.36	—	—	2.36			35.54	
U.C.U.&T.Co.	1130a	84	22.15	13.73	3		16.73			5.42	
City Creek	1130a	62	17.60	9.00			9.00			8.60	
Prov. Res. Canal	1142a	276	182.40				217.94		35.54		
" " Lat #1.	1142a		0.0								
City Rose	302p	88	14.20								
Union	310p	62	13.60								
Gearing Rose	312p.	22	33.22	30 p.s. Lat.							
Farmer Rose	403p	50	10.10								
			71.14	58.18	—	—	58.18			12.96	
Dyson Ditch	314p.		1.35	1.90			1.90		0.55		
Dry Creek	412p	50	3.57	7.67			7.67		4.10		
West Side:											
Farmer W. Ditch	20p		0.0								
" Flume	20p.		0.0								
" E. Ditch	206p.	60	4.08	5.89			5.89			5.05	
Clyde Ditch	230p	53	3.51								
Partridge "	334p		0.65								
Lake Bolton Canal	336p.	60	8.69	14.17			14.17		5.48		
Brown Ditch	356p.	40	2.70								
By Fort Field	435p		0.0		—		0.0		—	—	
Fort Field.	437p	97	4.65	6.38			6.38		1.73		
Waterworks Ascend			14.00	14.00			14.00		—	—	
Reserved							2.81		2.81		
Grand TOTAL			510.72				510.72		50.21	50.21	

Computations made by J.F.W. 27 Observations made by J.F.W.

Provo Reservoir Co.
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2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-8-23											
Dry Creek	630a	82	10.00	Reported to Chief Canal at Head.							
Provo Res. Canal	655p	277	183.3								
at Olmsted, there some misunderstanding gate tender mentioned river at Gage plug at 700 p. under flume raised to 550.											
Olmsted Flume	800p	550, Corrected Register, error of 0.13 high,									
that is corrected from 563 to 550.											
7-9-23											
Provo Res. Canal	528a	278	140.30								
" " Lat #1.	528a		00								
Provo Bench Ust.	531a	178		Cut.							
River Gage	536a	61									
West Union	538a	92	39.48								
U.E.U.&D.G.F.	542a	82	21.33	Cut							
City Creek	549a	58	15.75	Cut							
Impromptu	555a	97	14.60								
West Pay - made opening in Provo River & first taken to Dry Creek 3.5 cfs.											
Arranged for Jordan Belt to take water thru Lake Bottom Canal.											
Dry Creek	1125a	80	9.64								
West Union	18p	90	38.16	Cut							
River Gage	120p	62									
Provo Bench Ust.	125p	170									
Provo Res. Canal	128p	235	145.90								
" " Lat #1.	128p		00								
Impromptu Co.	133p	100	15.60								
U.E.U.&D.G.F.	138p	77	19.27								
City Creek	138p	53	13.75								
Olmsted Flume	230p	569									
" "	248p	568	233.39								
" "	305p	567									
" "	315p	Entered to 236 cfs = Est. 570									
" "	355p	570									
Provo Bench Ust.	442p	167									
West Union	449p	78	30.18								
River Gage	457p	60									
U.E.U.&D.G.F.	500p	70	16.61								
City Creek	512p	48	11.85								
TOTAL											

Computations made by ..... 26 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-10-23											
At Flume most of day											
West Union	715p	80	31.50								
River Forge	717p	62									
Mill Race	730p	70	16.61								
City Creek	730p	48	11.85								
Timpanogos C.C.	738p	102	55.70	Cut to	100						
Provo Bench Ist.	741p	167									
Provo Res Canal	750p	265	177.50								
" " Lot #1.	750p		00								
7-11-23											
Provo Res. Canal	750a	290	195.00								
" " Nr 1.	750a		00								
Provo Bench Ist.	754a	166									
West Union	758a	80	31.50								
River Forge	800a	62									
Mill Race	807a	70	16.61								
City Creek	807a	47	11.43								
Olmstead Flume	900a	570	230.45	Cannot account for change in Velocity							
" "	950a	Raised to	84.58								
Mills	1002a	251									
Wasatch	1125a	130	103.95								
N. Field	1125a	136	89.10								
Timpanogos	1135a	114	61.88								
Washington	235p	166	32.07								
Dunbar	340p	112	6.78								
S. Kamas	440p	117	50.08								
7-12-23											
Blonel Atkinson & Cut S. Kamas to 38 cfs = 45 acre duty = gage 96#, and											
Washington to to 28 cfs = 45 acre duty = Gage of 154#											
Temple Row	925a	48	9.48								
City Row	943a	68	9.80								
Union	948a	54	10.94								
Factory	950a	22	33.24								
			63.46								
West Union	1018a	80	31.50								
River Forge	1020a	69									
Provo Bench Ist	1024a	166									
Provo Res Canal	1030a	260	168.20								
" " #1.		73	3.98								
TOTAL											

Computations made by ..... 25 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-12-23.											
Lower Charleston	11452	100		Included	Water						
Put in Midway River Ditch		Weir.									
Midway River Ditch	2250	79	18.91								
Impromgus	310	104	53.53								
By Wasatch Dam			24.00								
Distribution approx.											
Wasatch	2500	45		55.55	+9.60	Lirage	+5 Fro	70.15			
Extension	800	45		18.00				18.00			
M. Field	2500	45		55.55				88.15			
								55.55			
Impromgus	2000	45		44.44	+9.60	Lirg	+5 Fro	59.04			
Midway								19.00			
Tunnel Water & Power								14.00			
Power Res & Lirage								24.—			
								259.74			
Repaired Provo Res. Weir											
Provo Res Weir	425	96	30.60								
Wasatch	433	110	79.56								
M. Field	433	100	54.60								
Passed Lirage & Tunnel Water over Midway Upper Dam at 515 ϕ.											
Took off front of Lower Midway Dam. spilling over											
Set Island Ditch	600	40									
TOTAL											

Computations made by ..... 24 Observations made by .....

Provo Reservoir Co.
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2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR 7-13-23

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-13-23.								Correction & awards			
Provo Res. Canal	846a	273	180.78								
" " #1.	846a	76	4.22								
			185.00	no change			185.00	185.00	—	—	
Provo Bench West	911a	166									
Butler & Young	914a		0.0	2.49			2.49			3.30	
Park & Nutting	918a	65	5.79								
West Union	919a	84	34.08	30.29			30.29			3.79	
River Gorge	920a	66									
Provo Bench East	930a	186	123.40	101.44	6		107.44		4.04	0	
Impromptu	1020a	95	13.58	12.83	3		15.83		2.40		
Mill Ditch	1036a	69	16.18	13.73	3		16.73		0.55		
Cut Creek	1036a	47	11.43	9.00			9.00			2.43	
Brown Ditch	1057a		0.0	1.90			1.90		0.80		
Young "	1057a	70	1.10								
Union	1114a	50	9.76								
Factory	1116a	222	33.24	30% Lkg.							
City	1122a	70	10.28								
Tanner	1140a	50	10.10								
			63.38	58.18			58.18			5.20	
Dry Creek	1152a	70	2.89	7.67			7.67			0.22	
Fort Field	100p	125	7.36	6.38			6.38			0.98	
River by Ft Field	110p		0.0	0.0			0.0		—	—	
Fort Bottom Canal	121p	60	8.69	14.17		4.00	10.17		1.48		
Geo Taylor Ditch	121p		0.0								
Partridge Ditch	128p		0.0								
Alice Jones	130p		0.0								
Lyle Ditch	142p	85	7.48	Cut							
Tanner W. Ditch	203p	71	4.06	5.89			5.89			8.72	
" Alice	204p	80	1.60								
" E Ditch	211p	31	1.47								
Brown	223p		0.0								
Water not used			14.00	14.00			14.00		—	—	
Jointly available to Provo Proto and Reserve							15.37		15.37		
TOTAL			486.34				486.34		24.64	24.64	

Computations made by A. Wentz 23 Observations made by J. J. Wenz / J. J. Crampton

Provo Reservoir Co.
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TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-13-23											
Utah Fd.	413p	70	16.61								
Timpanogos C.C.	418p	102	15.10	River Higher							
Provo Bench Ist	430p	170									
Provo Res Canal	434p	285									
" " #1.	434p		50								
7-14-23	River High.										
7-15-23.											
Provo Res. Canal	710p	293	198.00								
" " #1	710p		50								
Provo Bench Ist.	714p	170									
West Union	720p	84	34.08								
River Gage	722p	62									
Utah Fd.	732p	77	19.27								
City Creek	732p	52	13.35								
Timpanogos C.C.	736p	108	16.30								
7-17-23											
Over Lower River this morning.											
Provo Res Canal	950a	288	195.17								
Utah Fd	958a	68	15.83								
City Creek	958a	46	11.05								
Timpanogos C.C.	1002a	102	13.70								
Provo Bench Ist	1055a	164									
West Union	1102a	80	31.50								
River Gage	1103a	60									
Provo Bench 1st.	1120a	185	99.00								
Smith Ditch	1140a	53	4.12	Cut to 44							
1st #1.	120p	65	5.67								
" #2	125p	76	7.25								
Over West Union Canal											
Armstrong Flume	500p	579									
" "	510p	578									
" "	515p	577									
	Mean	578	239.70	Will Run at 576 = 236 #							
TOTAL											

Computations made by ..... 22 Observations made by .....

Provo Reservoir Co.
vs.
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2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-18-23.											
Wasatch		112	87.08								
N. Field		94	49.35								
Impangus		96	46.90								
Provo Res Weir		90	27.63								
By Wasatch Dam			6—								
Total			211.96								
Stringer 45 fo Leo 4% =			43.20								
Tunnel Water			19.42								
			67.62								
from 211.96 = 149.34 Natural River.											
Distribution											
Midway 5.5 Tunnel +13 River =							18.50				
Provo Res Co. & Mt Fuel Tunnel							14.—				
Provo Res Co. Stringer							34.—	56.50			
56.50 - 6.00 By Wasatch Dam = 50.50 together Provo Res Weir = Page 131											
211.96 - 56.50 = 155.46 - 19.20 Stringer = ~~[illegible]~~							136.26				
Wasatch 41.67 + 5 Leo + 3 Billy Moo. =							49.67				
N. Field 41.67 - 3 " "							38.67	88.34			
136.26 - 88.34 = 47.92 for Impangus & extension											
Impangus 34.20 + 9.60 Stringer =								43.80			92
Wasatch Canal 49.67 + 9.60 Str. + 13.72 extension								72.99			104
North Field								38.67			81
								155.46			
Impangus	1140a	90	42.14								
S Kanas	300p	102	41.97								
Washington	323p	140	24.08								
Have Atkinson Cut 60 Acre Duty S. Kanas 28.33, Washington 21.03											
Mr. Atkinson will make this adjustment today.											
7-19-23											
West Union	904a	84	34.08								
Rock Ranch	906a	64									
Provo Bench Ult.	911a	168									
Provo Res Canal	915a	253	161.70								
" " #1.	915a	76	4.72								
Impangus	918a	100	17.40								
Wasatch Fd.	923a	68	15.83								
City Creek	923a	46	11.05								
Over West Union Canal.											
TOTAL											

Computations made by ..... 21 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-20-23.											
Spent moving adjusting Canals to reduced amount, allow Prov Res Company to start pumps #2 and 3.											
West Union Canal	835a	72	26.64								
River Forge	837a	62									
Provo Bench Ist.	840a	172		Cut.							
Tanpanogus	855a	106	13.70	Valve closed							
City Creek	908a	38	8.25								
U.C.U.G.F.H.	908a	61	13.38	Raised							
Provo Res Canal	937a	260	168.00								
" " #1.	937a	70	3.74	/ 171.74							
at Office most of day.											
Spring Lake	507p	40	2.68								
Cotton "	515p	29	1.64								
Lower Kelsey	522p	32	1.91								
			6.23								
West Union	540p	72	26.64								
River Forge	543p	63									
U.C.U.G.F.H.	552p	68	15.83								
City Creek	552p	40	8.93								
Tanpanogus C.C.	600p	91	10.00	Raised to 105 = 13.40 +							
Provo Bench Ist.	605a	164									
Provo Res. Canal	610p	248	157.20								
" " #1.	610p	66	3.34								
7-21-23.											
Provo Res. Canal	413p	259	167.10								
" " #1.	413p		50								
City Creek	420p	41	9.25								
U.C.U.G.F.H.	420p	68	15.83								
Tanpanogus	427p	104	17.70								
Provo Bench Ist.	431p	162									
River Forge	452p	56									
West Union	454p	70	25.56								
Provo Bench Ist.	503p	180	90.10	Took off Record took matter of variations up with Power Company.							
TOTAL											

Computations made by ..... 20 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-22-23.											
Outline of Distribution with Atkinson & Bowen,											
Timpanogos	1013a	98	48.36								
Wasatch	1030a	110	79.56								
N. Field	1030a	84	41.40								
Provo Res. Weir	1043a	158	67.72								
Washington		128+	19.80								
S. Kamas		66	21.02								
			277.86								
By Wasatch Dam			6								
			283.86 - 79.50 = 204.36 Natural River								
Distribution:-											
Wasatch 41.67 +5 Lms + 9.60 Stor. +3 BM +13.33 Exchange											
~~W. Field~~								72.60			
N. Field 41.67 - 3 Bm.								38.67			
Timpanogos 33.33 + 9.60 Stor +5 Lms.								47.93			
S. Kamas 28.33								28.33			
Washington								21.02			
Provo Res. Stores 38.4 + 7 Tunnel								45.40			
U & L. Tunnel								7.00			
Murdock Irrig Co								22.67			
								283.63			
7-23-23											
Provo Res Canal	1028a	28+	187.8								
#1	1028a		50								
U & U ~~Ditch~~	1035a	66	15.17 Raised.								
City Creek	1035a	40	8.93								
Timpanogos	1040a	106	17.50								
Provo Bench Ust.	1049a	166									
River Gage	1055a	64									
West Union	1057a	70	25.56								
Kuler Ditch	1105a	32+	1.91								
Orton "	1110a	28									
Smith	1113a	39									
7-25-23											
Provo Bench Ist.	84ra	20+	11.70	all pumps shut down.							
West Union	90ra	70	25.56								
River Gage	904a	64									
Provo Res. Canal	910a	290	195								
#1	910a		50								
Timpanogos	915a	116	15.00								
U & U ~~Ditch~~	919a	72	17.32								
City Creek	919a	50	17.63								
TOTAL											

Computations made by ..... 19 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-25-23.—					Awards and Differences.						
City Race	1000a	76	11.32								
Union	1015a	54	10.94								
Factory	1017a	230	38.70								
Tanner	1031a	64	14.88								
			75.84								
Dry Creek	1042a	72	8.23								
Fort Fd.	1100a	125	7.30								
River By Ft Fd.	1102a		00					Using Record 7-20 to June 20 Rept 1. July 20			
7-27-23.											
Provo Bench Left	815a	199	106.78	91.47	6 Pumps off.		98.47	107.44	0.66		
West Union	856a	70	25.56	27.23	—	—	27.23	39.29	4.73		
Park & Nuttal	857a	47	3.49	2.18			2.18	2.49		1.27	
Barlow & Young	904a	0.09	0.27								
River Lodge	859a	63									
Provo Bench West.	907a	170									
Provo Res Canal	911a	278	181.70	185.44	No Change		185.44	185.44	—	—	
" " #1.	935a	70	3.74								
Impingers	738a	112	12.81	11.29	3 Mine Bed		14.29	15.83	3.07		
West Ug Left.	955a	71	16.93	15.31	3		15.31	16.73		0.20	
City Creek	955a	47	11.43	8.03			8.03	9.00		2.43	
Young Left	1012a	50	0.96	1.71			1.71	1.90	0.94		
Barlow "	1012a		00								
City Race	1033a	76	11.32								
Union	1050a	54	10.94								
Factory	1052a	228	37.16	3 of Leg.							
Tanner	1105a	56	11.96								
			71.38	55.91			55.91	58.18		13.20	
Dry Creek	1120a	66	7.22	6.75			6.75	7.67	0.45		
Lake Bullion Canal	1145a	105	13.79	12.75			12.75	14.17	0.38		
Geo. Taylor Left	1144a		00								
Partridge "	1200p		00								
Brown "	1211p	57	3.89								
Clyde	1227p	10	0.26								
Tanner W Dilt	1237p		00	5.14			5.14	5.89	1.74		
" Flume	1239p		00								
" 6 Dilt	1240p		00								
Alice Jones	1250p		00								
By Fort Field	102p		1.60					00		1.60	
Fort Field	105p	120	6.72	5.74			5.74	6.38		0.34	
Waterworks and Excess			14.00				14.00	14.00			
							7.58	7.12	7.12		
TOTAL			482.53				482.53		19.04	19.04	

Computations made by J.G.W. 18 Observations made by J.G.W.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
7-27-23.											
Atkinson phones: "We have cut Washington down to 65 and South Kamas to 60 while Haying.											
Point Impingus to		120	15.60								
Raised Union to	600p.	78									
Provo Res Co. Clerks	one pump.										
7-28-23.											
5 to 6 am made adjustment at mouth of Canyon. Provo Res. Dam. tightening down, and closing other two pumps.											
Island Ditch	830a	58	Cut to 40								
South Creek Tunnel	1027a	58	2.05								
" " Upper Tunnel	1100a		10.25								
Frame Creek	1210p.	50	4.59								
Porter Ditch	1235p	20	0.90								
Lower Baker	1240p		0.10								
Upper "	1240p		60								
Baker Ranch	1250p		0.05								
Wound	101p.		0.12								
West Branch	105p	54	6.98								
South Creek at Grad.	135p.		16.59								
Scott Ditch	210p.	66	4.96								
Wilson	220p		3.05								
Total South Creek			53.75								
Power Ditch	708a	74	17.14								
Wasatch	718a	98	65.70								
N. Field	718a	78	36.60								
Prov Res Wein	726a	138	54.72								
Impingus	743a	92	43.59								
By Wasatch Dam			6.00								
			206.61								
Distribution as shown by Mr Baumgartner.											
7-29-23.											
Made distribution in Utah Valley according to Rulings of Distribution											
7-30-23 Over Utah Valley Canal, am. Impingus CC, Clerk, Mrs. Curry Change. Provo Res Co. Tightening Dam. At Heber, helped Scott Clegg regarding Reservoirs. Phone to Baum regarding distribution near Wasatch Dam. Met Fred Mecham, will cut river ditch 7-31-23 to 8.54 1.25 cfs											
TOTAL											

Computations made by ..... 17 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-1-23.											
West Union	5 14a	72	26.6								
River Gage	5 13a	67									
Provo Bench West.	5 19a	160									
Provo Res. Canal	5 14a	289	194.10								
" " # 1	5 14a		50								
Provo Gage	5 30a	117	20.95								
~~West Field~~	5 35a	60	13.06	Raised.							
City Creek	5 35a	37	7.92	"							
Dalton Ditch	6 10a	26									
Union	6 12a	48									
City Ditch	6 32a	68		Channel Curve change.							
8-4-23											
West Union	6 27a	70	25.56								
River gage	6 29a	65									
~~West Field~~	6 39a	71	16.93								
City Creek	6 39a	46	11.05								
Provo Gage	6 42a	110	18.50								
Provo Bench West.	6 50a	182		Pumps off.							
Provo Res Canal	6 56a	289	194.10								
" " #1.	6 56a	71	3.82 / 197.92								
8-5-23											
North Field are ready for Haying and we will reduce to 5 cfs.											
City Creek & Dry Gulch	1 25a	134									
Brown Well	1 25p.	6.6									
Provo Flume	1 45p.	578	226.98								
" "	2 40p	Raised									
" "	3 10p	589	234.68								
" "	3 50p	Raised.									
Well run at		595									
Provo Flume	4 00p	596	Velocity does not increase as usual.								
Provo Gage C.C.	4 30p	111	18.85								
~~West Field~~	4 38p	69	16.18								
City Creek	4 38p	40	8.93								
Provo Bench West.	4 46p	176									
River Gage	4 52p	59									
West Union	4 54p.	74	27.84								
TOTAL											

Computations made by ..... 16 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-6-23						Outline of Dis. June 20 - July 20.					
Provo Bench 1st	815a	205	102.58	101.44	6			101.44	4.86		
River Gage	855a	61									
West Union	857a	72	26.64	30.79		4	26.29	26.29		0.35	
Park & Mutual	858a	49	3.74	2.49				2.49		1.25	
Bolon & Young	903a		50								
Provo Bench Dist.	905a	170									
Provo Res Canal	908a	266	123.40	No change				123.40	5.00	—	
" " #1.	908a		50								
Impounded	916a	117	20.86	12.83	3			15.83		5.03	
" Cut by closing Valve			P.R.C. expects to repair dam Sunday.								
Wall & Fd.	944a	69	16.18	13.73	3			16.23	0.55		
Alp Creek	944a	41	9.25	9.00				9.00		0.25	
Brown Ditch	1000a		50	1.90				1.90	0.94		
Young "	1000a	80	0.96								
City Ditch	1012a	74	11.00								
Union	1017a	50	9.76								
Fanning	1019a	228	37.16								
Tanner	1029a	52	10.68								
			68.60	58.18				58.18		10.42	
Dry Creek	1045a	72	8.23	7.67				7.67		0.56	
Lake Bottom Canal	1113a	110	10.21	14.17		4	10.17	10.17	~~0.04~~	0.04	
Geo. Taylor Ditch	1113a		50								
Partridge "	1131a		50								
Brown "	1137a	37	2.38								
Clyde "	1153a	45	2.70								
Tanner W Ditch	1205p		50								
" E "	1205p		50								
" Flume	1207p		50								
Sp. Creek			5.08	5.89				5.89	0.81		
Fort Field	1245p	120	6.66	6.38				6.38		0.28	
Dry " "	1255p		1.65	50				50		1.65	
Waterworks Canal			14.00					14.00	—	—	
Excess —								7.67	7.67		
Totals			48.04					468.04	19.83	19.83	
Impounded C.C.	720p	95	14.69								
Raised Provo Bench.											
TOTAL											

Computations made by ..... 15 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-7-23											
West Union	558a	72	26.64								
Rice Berger	600a	62									
City Creek	614a	40	8.93								
Utah & Hdq.	614a	69	16.18								
Tom Sprague	618a	97	14.50								
Provo Bench Ust.	630a	172		Reserved left in lower end of Ust.							
Provo Res Canal	634a	250	159.-								
" " #1	634a		00								
8-8-23											
Provo Res Canal	812a	250	159.00								
" " #1.	812a		00								
Ontario Tunnel	1040a	140	19.74								
L Kanes Canal	145p	60	16.51								
Washington	225p	60	3.82								
Tom Sprague Irrig Co.	400p	92	43.57								
City Wasatch Canal	420p		10.50								
Provo Res Weir	450p	150	62.55								
Wasatch	505p	107	75.96								
M. Field	523p	12	1.40								
Midway River Water	578p	77	18.20								
Utah & Hdq	730p	67	15.44								
City Creek	734p	40	8.93								
Tom Sprague Co.	733p	93									
Provo Bench Ust.	741p	170									
Provo Res Canal	745p	238	148.30								
" " #1.	745p		00								
8-9-23											
Turned more water into Lake Bellow Canal from river, Adjusted by Watermaster. Turned Co.											
Lake Bellow Canal	1150a	15									
West Union	933p	70	25.56								
Rice Berger	933p.	60									
Provo Bench Ust.	939p.	170									
Provo Res Canal	942p.	247	156.30	Int #1	00						
City Creek	953p.	39	8.57								
Utah & Hdq.	953p	67	15.44								
Tom Sprague	956p	97	14.50								
TOTAL											

Computations made by ..... 14 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-9-23											
Amsland Flume	438p.	595									
" "	455p.	594									
" "	512p.	593									
" " Mean		594	234.52								
" "	550p.	Pumped & Cut.				603.					
8-10-23											
Ellison	617a	57	10.32								
Factory Race	620a	22	33.24								
City	635a	54	6.—								
Orimo (Assumed when needed)			10.68								
			60.24								
Dry Creek	730a	74	8.57								
" "	1135a	66	7.22								
8-11-23.											
Provo Res. Canal	854a	237	142.50								
" " #1.	854a	70	3.74								
Amsland Flume	925a	600		Fork off 5 inches off 1st Bulkhead, below Measuring Station.							
Amsland Flume	935a	585									
" "	1000a	585	248.88								
" "	1020a	585									
" "	1027a	Cut.									
" "	1052a	572									
" "	1110a	572	240.50								
" "	1125a	572									
" "	1135a	Cut & 570 Bot.				Will run at 570					
Orimo Canal 19.74 - 5.5 = 7.12 + 22.7 = 236.12											

Aug. 12-13, 1923 Installed "Bristol Long Distance Indicator" from Common Station & Bulkhead — Amsland Flume.

Aug 13, 23 pm. Over Provo Valley. Took up matter of Storage with Clog. Storm passed in Lions unsettled. Talked with Brown and Alpine over phone.

TOTAL

Computations made by ..... 13 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-14-23											
Provo Res. Tunnel	6 11a	269	176.10								
" " #1.	6 11a		∞								
Dimpromigus	6 25a	100	15.30								
U.S.U. Ff.	6 31a	73	17.70								
City Creek	6 31a	43	9.96								
Provo Bench Ust.	6 37a	174		Pump #3			Ff.				
West Union	6 42a	70	25.56								
River Gage	6 44a	63									
8-15-23											
Dry Creek	4 20p	62	6.57								
8-17-23											
ok at Manti & Canyons.											
Amelia Flume	9 42a	571	239.25		Well cut at 570.						
" "	10 25a										
U.S. Gage	10 50a	238.									
Lower Charleston	11 35a	130	19.19	Cut & 11 afo.							
Brown Well	12 15p	700									
S.p. Creek & Sagebrush	1 06p	118	24.19								
Upper Charleston	1 47p	108	22.48	Cut & around.							
Island Ditch	2 15p	40	6.00								
River Ditch	2 46p	63	13.47	Cut & 54.							
Wasatch	3 05p	94	61.29								
M. Field	3 00p	21	5.02								
Dimpromigus	3 25p	68	26.90	Pump & 21.							
By Wasatch Dam	4 00p		21.00	Dam leaking on West side, partly caused by recent storm.							
P. Res Wein.	4 52p	136	3.46								
			167.67								
Distribution:											
Melvin							10.50				
P.R. Stringer							38.40				
P.R. Tunnel							7.00				
up P.L. Tunnel							7.00				
Total 67.90 - 21 by Wasatch Dam = 41.90 ft go thru P.R. Wein = 117.											
Dimpromigus 28.80 + 5.02 + U.S.U. Ff. + 67.90 from 167.67 = 70.95 ft Wasatch											
Made distribution											
Prov. Res. Wein	5 07p	117	47.03								
Wasatch	5 17p	100	68.04	Raising							
TOTAL											

Computations made by ..... 17 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-18-23.											
Fort Field	1145p.	112	5.90	5.74		Outlines Joy no left diffference.		5.74		0.16	
Dry Fort Fd.	1155p	est	3.00	(Sandwell Ditch).				.50		3.00	
Geo Taylor Ditch	115p.		.50								
Partridge "	132p.		.50								
Stone Jones "	135p.		.50								
Clyde "	147p.		.50								
Palmer W Ditch.	202p		.50								
" E "	206p.	56	3.65								
" Flume	208p		.50								
Brown Ditch	225p.	43	3.00								
Total Spring Creek			6.65	5.14				5.14		1.51	
Lake Bellevue Canal	115p.	120	10.73	12.75		3		9.75		0.98	
Dry Creek	240p.	70	7.89	6.75				6.75		1.14	
Tanner Race	251p.	57	10.68								
City Race	355p	66	7.97								
Union	315p	54	10.94								
Factory	317p	276	35.76								
			65.35	55.91				55.91		9.44	
Dixon Ditch	320p		.50								
Brown "	355p		.50	1.71				1.71	0.81		
Young "	358p		0.90								
Utah & P.F.	412p	69	16.18	12.31	3			15.31		0.87	
Lily Creek	412p	41	9.25	8.03				8.03		1.22	
Provo Reservoir	430p	97	14.46	11.29	3			14.29		0.15	
Provo Res Canal	430p	256	16.40								
" " Lot #1.	430p	70	3.74								
			168.14		no change			168.14			
Provo Bench Ist.	435p	168									
Bolton & Young	437p		.50	2.18				2.18		1.31	
Park & Phillips	440p	47	3.49								
West Union	441p	70	25.56	27.23		3 est.		24.23		1.33	
Quer Berge	442p	61									
Provo Bench L.	500p	190	97.74	91.47	6			97.47		0.27	
" " Clerget of Mills 8-17-23											
Waterworks as ord			14.00	14.00				14.00	—	—	
Excess over award, and not available to Plaintiff.								~~21.07~~ 20.57	~~21.07~~ 20.57		
TOTAL			449.22					449.22	21.38	21.38	

Computations made by ..... 11 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-20-23 At Office.											
8-22-23											
Make distribution on West Union & Provo Delta											
West Union	535p.	70	25.56								
Provo Forge	536p.	62									
Wo U & Tyd.	545p.	70	16.61								
City Creek	545p.	40	8.93								
Dimpnogus	552p.	96	14.30								
Provo Bench Ust.	556p.	170									
P. Res Canal	600p.	237	147.50								
" " " Lft #1.	600p.		0.0								
8-24-23. Make adjustment over system Provo West Union & P.											
8-25-23											
Union	630a.	50	9.76								
Factory	632a.	226	35.76								
City Pipe	638a.	66	8.10								
Provo Res Canal	1045a.	233	144.30								
" " Lft #1.			0.0								
Wasatch	248p.	94	61.29								
M. Field	248p.	21	5.02								
P. Res Weir	300p.	112	39.33								
By Wasatch Dam			21.00								
Total			126.64								
Mont Field requests its water and amount turned to Wasatch beginning Aug. 26. Then distribution will be as follows: I arrange with Provo Res Co. to reduce their slings to 30 cfs, then I change the 20 cfs to Wasatch and 30 cfs to P.R. Co, beginning at 12 am 8-25-23											
Distribution for Aug. 26, 1923.											
Midway								10.50			
Provo Res Co. 2880 Stn. +7. Tunnel								35.80			
U & L Tunnel								7.00			
Total								53.30			
53.30 - 21 by Wasatch Dam = 32.30 to go thru P.R. Weir = 64 100											
126.64 - 53.30 = 73.34 - 19.20 slings = 54.14 to divide between Wasatch & M. Field =											
Wasatch 29.17 + 9.60 stn. + 3 Bm = 41.77											
M Field 22.97 + 9.60 stn. - 3 Bm = 31.57 - 64 70											
TOTAL											

Computations made by ..... 10 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-27-23											
Provo Bench Lat.	854a	191	98.40								
Power Stage	906a	61									
West Union	908a	78	30.18								
Park & Nuttal	909a	47	3.49								
Burton & Young	912a		00								
Provo Bench Ust.	913a	168									
Provo Res Canal	917a	233	144.30								
" " Lat #1.	917a	53	2.43								
			146.73								
Impromptus	922a	97	14.20								
~~Ust Lat #1~~	926a	66	15.17								
City Creek	926a	37	7.92								
Young Lat	954a	70	0.70								
Brown "	954a		00								
City Race	1006a	68	8.60								
Union	1010a	50	9.76								
~~Factory~~	1012a	228	37.16								
Farmer	1045a	46	8.84								
			64.36								
Dry Creek	1055a	62	6.57								
West City			24.50								
Waterworks assumed.			14.00								
Grand Total			426.12								
Chapman upper - gage on Impromptus, at Rawlins. .04' Corr, we have gage at Upper Union ~~Ditch~~ 102 = 15.50 ft											
8-28-23.											
Lower Charleston	1015a	102									
Midway Power Lat	1045a	48	8.96								
Warnock	1055a	68	36.54								
M. Field	1055a	70	31.05								
P. Res. Weir	1105a	100	37.76								
Dry Wash Dam			2.00								
Deer Creek	140p	55	14.00								
			135.35								
Deductions -											
Midway								10.50			
P. Res Co. 28.80 Ctr. + 7.00 Tunnel.								35.80			
Up of Tunnel								7.00			
135.35 - 53.30 = 82.05								53.30			
TOTAL											

Computations made by ..... 9 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
8-28-23. Flow											
82.05-19.20 Stage of Weeks L.D. M.P. = 62.85 to divide Between Weeks M.P. & Kamas.											
Weeks @ 65% of	41.67	27.	+9.60 Stor. =					36.60			
Mont Field @ 65% of	35.71	23.	+9.60 Stor =					32.60			
& Kamas @ 65% of	17.50	=						11.40			
Washington	210 of.	96	10.24	Rent to G.A. 114 = 14.40 + seep of Stage.							
8-30-23											
Provo Res Canal	512 of	240	150.00								
" " Lat #1.	512 of.		50								
Provo Bench Nat.	51 of.	166									
West Union	527 of	74	27.84								
River Lodge	527 of	60									
Mill Pond	540 of	63	13.08								
City Creek	540 of	36	7.60								
Impromptu	544 of.	103	15.50								
8-31-23											
All officers on ave		Bad weather general on ave.									
Olmstead Flume	400 of	570	237.08								
9-1-23											
West Union	935 a	76	28.98								
River Lodge	937 a	67									
Provo Bench Nat.	943 a	166									
Provo Res Canal	946 a	226	138.7								
" " Lat #1.	946 a										
Mill Pond	955 a	67	13.23	Rinsed							
City Creek	955 a	36	7.60	"							
Impromptu Co.	959 a	105	15.90								
Lower Charleston	1130 a	130		Cut at head.							
Brown Well.	1135 a	116									
Weeks	157 of.	68	36.54								
M Field	157 of	66	28.35								
Provo Res Wing	176 of	98	31.68								
Mulroy River Lots	157 of	48	8.96								
Island Lots	215 of	41									
Approx 1000 over 3 pipes of upper Charleston											
City Creek & Tigebrook	326 of	308									
TOTAL											

Computations made by ..... 8 **Observations made by** .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station		
									Add	Ded.	G. H.
9-4-23.											
Storm last night — river turbid.											
West Union	900a	72	26.64								
River Dogs	902a	62									
Provo Bench Ust.	914a	162									
Provo Res Canal	918a	246	155.4								
" " #1.	918a	64	3.19								
U&M Canal	924a	71	16.80	Cut							
City Creek	924a	42	9.58	"							
Confusion C.C.	929a	101	14.40								
Lower Charleston	1105a	110	Cut.								
Wright	1135p	66	35.01								
N. Field	1135p	68	29.70								
Provo Res. Weir	1150p	100	37.76								
Ontario Tunnel	305p	136	19.11	Ontario not pumping this season (2500 gal per min) Alice pumping 1000 gal per min more, Dividy Res approx 30%.							
Midway Power Plant	445p	47	8.68								
TOTAL											

Computations made by ..... 7 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Sept 5, 1923.											
West Side:											
Brown Ditch.	916a	35	2.18								
Clyde "	931a	51	3.30								
Farmer W Ditch	944a		50								
" Flume	945a		50								
" E Ditch	947a		50								
Parkridge "	320p		50								
Geo Taylor "	230p		50								
Total S of Creek.			5.48								
Lake Bottom Canal	330p	95	11.00								
Fort Field	407p	108	4.94								
By of Field	420p		1.40								
Provo Bench Left	1014a	189	94.12								
Provo Bench	1045a	62									
West Union	1047a	72	26.64								
Park & Nuttal	1048a	48	3.52								
Boden & Young	1052a		50								
Provo Bench West	1054a	162									
Provo Bench	1057a	238	147.80								
" " Lateral	1058a		50								
Provo Canyon C.C.	1130a	106	15.84								
Wall & Sons	1141a	67	15.44								
Alt Creek	1145a	39	8.57								
Young Ditch	12m	60	0.72								
Bell "	12m	50	0.58								
Dry Creek	207p	66	7.92								
Farmer Race	220p	46	8.84								
City "	230p	78	10.88								
Union	250p	50	7.76								
Factory	255p	224	34.50								
			63.98								
Waterworks canal			1.42								
TOTAL			421.29								

Computations made by ..... 6 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
9-6-23.											
Olmstead Flume	1006a	571									
" "	1025a	571	230.83								
" "	1040a	571									
" "	1050a	Raised									
" "	1120a	580									
" "	1140a	580	235.63								
" "	12 m	580									
Will run at		580.									
Bride Creek:—											
Prior Diln	300p.	"	50								
Lower Huber	310p.		1.80								
Upper "	325p.		50								
Huber Ranch	345p.		50								
Mound Diln	353p.		2.44								
West Bench	403p	48	5.84								
Bride Creek at Ford	414p		11.36								
Rocky Diln	430p.	60	4.25								
Wilson "	440p		3.24								
Total Bride Creek			38.93								
Made Adjustment of Canal at mouth Provo Canyon											
9-12-23											
West Union	620p.	70	25.56								
Lower Gage	622p	65									
Provo Bench Nat.	606p.	166									
Mill Fork	632p.	65	14.74	Raised							
City Creek	632p	40	8.93								
Duchesne C.C.	636p.	102	13.90								
Provo Res Canal	645p.	306	123.90								
" " #1.	645p.		50								
TOTAL											

Computations made by ..... Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Sept. 14, 1920.											
Provo Res Canal	1008a	194	115.50								
" " #1.	"		50								
Made adjustment of Canal at Mouth of Canyon.											
Wasatch	55	54	25.47								
W. Field	55	66	28.35								
By Wasatch Dam	21	50	21.00								
P. Res Ditch	228	81	23.76								
			98.58								
Distribution —											
P. Res Tunnel	6.75										
UPSL "	6.75										
Midway	10.50										
	~~24.00~~	24.00									
Less amt by Dam		21.00									
		3.00	+10 cfs of deficit in Storage = 13 cfs thru P. Res Ditch								
Midway River Ditch	300	45	8.13								
Island Ditch	32	36									
TOTAL											

Computations made by ..... 4 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Sept. 15. 1923											
Prov. Benat St.	1130a	198	99.10	Put on new				Profer.			
" " "	12 m	198	99.10								
Dry Creek	220p.	60	6.26								
Farmer Race	231p.	44	8.22								
City Race	240p.	80	11.40								
Factory "	247p	226	35.76								
Union	249p.	54	10.94								
			66.32								
Waterworks assmt.			14.00								
Baum Ditch	305p.		00								
Young "	305p.		0.65								
Arden & Gd.	320p.	68	15.83								
City Creek	320p.	40	8.93								
Independence Ce.	324p.	102	13.90								
West Union	445p.	70	25.56								
Lower Large	447p	62									
Park & Whitt	449p	43	3.03								
Baum & Young	453p.		00								
Prov. Res. Cal.	550p	198	118.30								
" " #1.			00								
Wasteiy			27.00								
Grand Total			393.88								
9-19-23											
John A Clegg, contractor at Reservoir, Clerk, July 10 to Aug 15, 36 days @ $6.00 = $216.00, Same assessment per acre foot.											
Wasatch	930a	60	30.15								
M. Field	1030a		Weir drowned.								
P. R. Weir		26	4.14								
By Wasatch Ce.			24.00								
TOTAL											

Computations made by.....

Observations made by.....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station		
									Add	Ded.	G. H.
Sept. 2 & 1. 1923.											
City Race	316p.	76	10.40								
Union	322p.	48	9.16								
Factory Race	324p.	240	45.98								
Tanner Race	400p.	54	11.32								
			76.86								
West Union	535p.	54	16.98	Voluntarily Reduced.							
River Barge	537p.	68									
Provo Bench Wat.	543p.	166									
Provo Res Canal	545p.	180	105.70								
Wm Wright	555p.	69	16.18								
City Creek	555p.	39	8.57								
Timpanogos C.C.	608p.	102									
Adjusted Comp to each participate in amount burned out by West Union.											
Sept 3. 1923 At Office - Bad storm.											
Sept 4. 1923 At Office. Rained all of last night - cleared up in afternoon. Snow on mountains.											
TOTAL											

Computations made by.....

Observations made by.....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

TABULATION OF FLOW AND DISTRIBUTION OF WATERS OF PROVO RIVER

FOR .....

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	Ent. Tot.	Correction at Station Add	Ded.	G. H.
Sept. 25. 1923.											
Provo Bench Left	835a	205	10.19								
River Gage	914a	67									
West Union	915a	30	6.91								
Park & Nuttall	916a	59	5.01								
Brown & Young	920a		00								
Provo Bench West.	922a	170									
Provo Res Canal	927a	207	14.59								
" " #1.	927a	51	2.30								
Springville C.C.	953a	78	12.98								
Utah & Ft.	1005a	69	16.18								
City Creek.	1005a	42	9.52								
Young Ditch	1050a		0.32								
Brown "	1050a		00								
Union	1106a	40	6.90								
Factory	1108a	250	53.96								
City	1116a	56	6.00								
Farmer	1125a	32	5.08								
			91.94								
Dry Creek	1135a	0.19	1.12		Water over Spill						
Waterworks			14.00								
Fort Field	142p		00		Val. turned out.						
River by Fort Field	155p		34.95								
Lake Bitter Canal	235p		2.80								
Geo. Taylor Ditch	235p		00								
Pailridge "	240p		00								
Steve Jones	246p		00								
Bennett	246p		0.85		Bad trash & Creek						
Clyde	300p		00								
Farmer W. Ditch	310p		00								
" E "	310p		00								
" Flume	312p		00								
There several Canals have turned out.											
Grand Total			404.78								

Sept. 26, 1923. Turned off Part of Provo Bench by Request. Fall storms set in
Sept 27. 1923 Turned off part of Springville by closing down pump.
Sept 28. 1923. Still raining. Opened down pumps, Cut Provo Bench again
Oct. 9. 1923 Has been raining considerable since Sept. 26, allow left.
S Co. to take all water they can thru flume.

TOTAL

Computations made by T.F.W.

Observations made by T.F.W.