C.R. 1921.

NATURAL PROVO RIVER UTAH VALLEY 1921.

Day.	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER.
1	568	748	2775	735	436	415
2	588	844	2447	668	423	428
3	584	1034	2369	668	415	510
4	597	1182	2398	628	413	497
5	658	1314	2456	584	408	492
6	680	1417	2570	504	391	480
7	690	1187	2655	492	403	472
8	631	1118	2863	483	405	472
9	584	973	2807	469	407	466
10	572	1006	2854	485	415	460
11	560	1033	3208	471	423	460
12	577	1041	3029	472	429	452
13	581	1056	2885	461	435	441
14	589	1175	2803	439	430	432
15	758	1556	2803	507	455	430
16	723	1597	2550	517	457	423
17	621	1828	2106	501	452	426
18	639	1898	1872	562	454	424
19	668	1409	1553	560	457	425
20	710	1300	1360	511	448	425
21	701	1201	1228	482	436	427
22	664	1051	1101	482	426	423
23	752	1052	1084	464	420	418
24	728	1060	1019	454	407	408
25	703	1187	937	448	406	406
26	662	1219	899	436	402	404
27	659	1334	861	428	395	399
28	663	1570	825	414	393	395
29	691	2201	775	421	392	398
30	742	2552	755	413	396	397
31	...	2598	...	424	399	...
Total	19543	41741	59847	15583	13024	13105
Max.	758	2598	3208	735	457	510
Min.	560	748	755	413	391	395
Mean	651	1346	1995	503	420	437

THE PERIOD:

Total	162843
Maximum	3208
Minimum	391
Mean	890

TFW/TFW.

C.R.1921.

NATURAL RIVER UTAH VALLEY. 1921.

	APRIL.				MAY				JUNE.			
Day.	River at USGS.	Fork at USGS.	Inf-low.	Total Utah Val'y.	River at USGS.	Fork at USGS.	Inf-low.	Total Utah Val'y.	River at USGS.	Fork at USGS.	Inf-Low	Total Utah Valley
1	516	32	20	568	680	34	34	748	2460	71	64	2775
2	536	32	20	588	775	34	35	844	2320	62	65	2147
3	532	32	20	584	965	34	35	1034	2230	73	66	2369
4	545	32	20	597	1110	36	36	1182	2260	71	67	2398
5	603	34	21	658	1240	37	37	1314	2320	68	68	2456
6	625	34	21	680	1340	39	38	1417	2430	71	69	2570
7	635	34	21	690	1110	38	39	1187	2520	65	70	2655
8	576	34	21	631	1040	38	40	1118	2730	62	71	2863
9	528	34	22	584	894	38	41	973	2670	65	72	2807
10	516	34	22	572	926	38	42	1006	2710	71	73	2854
11	504	34	22	560	952	38	43	1033	3060	73	75	3208
12	520	34	23	577	958	39	44	1041	2880	73	76	3029
13	524	34	23	581	972	39	45	1056	2740	68	77	2885
14	532	34	23	589	1090	39	46	1175	2660	65	78	2803
15	700	34	24	758	1470	39	47	1556	2660	64	79	2803
16	665	34	24	723	1510	39	48	1597	2410	60	80	2550
17	562	34	25	621	1740	39	49	1828	1970	55	81	2106
18	580	34	25	639	1810	38	50	1898	1740	50	82	1872
19	608	34	26	668	1320	38	51	1409	1420	50	83	1553
20	650	34	26	710	1210	38	52	1300	1230	46	84	1360
21	640	34	27	701	1110	38	53	1201	1100	43	85	1228
22	603	34	27	664	958	39	54	1051	975	40	86	1101
23	690	34	28	752	958	39	55	1052	958	39	87	1084
24	665	34	29	728	965	39	56	1060	892	39	88	1019
25	640	34	29	703	1090	40	57	1187	810	38	89	937
26	598	34	30	662	1130	41	58	1219	770	39	90	899
27	594	34	31	659	1230	45	59	1334	730	40	91	861
28	598	34	31	663	1450	60	60	1570	689	44	92	825
29	625	34	32	691	2070	70	61	2201	640	42	93	775
30	675	34	33	742	2410	80	62	2552	619	42	94	755
31					2450	85	63	2598				
Total			19543					41741				59847
Maximum			758					2598				3208
Minimum			560					748				755
Mean			651					1346				1995

TFW/TFW.

C.R.1921.

NATURAL RIVER UTAH VALLEY. 1921.

J U L Y .

Day.	River at USGS.	Fork at USGS.	Inflow	Total River Utah Valley.	Storage & Tunnel Waters.	Natural River Utah Valley.
1	595	45	95	735	~~735~~	735
2	527	45	96	668		668
3	527	44	97	668		668
4	488	42	98	628		628
5	444	41	99	584		584
6	363	41	100	504		504
7	350	41	101	492		492
8	340	41	102	483		483
9	325	41	103	469		469
10	340	41	104	485		485
11	325	41	105	471		471
12	325	41	106	472		472
13	312	41	108	461		461
14	288	41	110	439		439
15	355	41	111	507		507
16	363	41	113	517		517
17	378	42	115	535	34	501
18	432	48	116	596	34	562
19	432	44	118	594	34	560
20	381	44	120	545	34	511
21	352	42	122	516	34	482
22	350	42	124	516	34	482
23	332	41	125	498	34	464
24	318	41	127	486	34	454
25	312	41	129	482	34	448
26	302	41	127	470	34	436
27	295	41	126	462	34	428
28	283	41	124	448	34	414
29	292	41	122	455	34	421
30	285	41	121	447	34	413
31	298	41	119	458	34	424
Total						15583
Maximum						735
Minimum						413
Mean						503

TFW/TFW.

C.R.1921.

NATURAL RIVER UTAH VALLEY 1921.

A U G U S T .

Day.	River at USGS.	Fork at USGS.	Inflow	Total River Utah Valley	Storage & Tunnel Waters	Natural River Utah Valley.
1	313	41	117	470	34	436
2	300	42	115	457	34	423
3	292	43	114	449	34	415
4	292	43	112	447	34	413
5	285	43	110	438	34	404
6	274	43	108	425	34	391
7	288	43	106	437	34	403
8	292	43	104	439	34	405
9	292	47	102	441	34	407
10	302	47	100	449	34	415
11	310	48	99	457	34	423
12	318	48	97	463	34	429
13	325	49	95	469	34	435
14	322	49	93	464	34	430
15	348	50	91	489	34	455
16	352	50	89	491	34	457
17	348	51	87	486	34	452
18	352	51	85	488	34	454
19	355	53	83	491	34	457
20	348	53	81	482	34	448
21	338	53	79	470	34	436
22	330	53	77	460	34	426
23	325	54	75	454	34	420
24	315	53	73	441	34	407
25	315	53	72	440	34	406
26	315	49	72	436	34	402
27	310	48	71	429	34	395
28	310	45	72	427	34	393
29	308	45	73	426	34	392
30	310	45	75	430	34	396
31	310	45	78	433	34	399
Total						13024
Maximum						457
Minimum						391
Mean						420

TFW/TFW.

C.R.1921.

NATURAL RIVER UTAH VALLEY 1921.

S E P T E M B E R .

Day	River at USGS.	Fork at USGS.	Inflow	Total River Utah Valley	Storage & Tunnel Waters.	Natural River Utah Valley.
1	322	47	80	449	34	415
2	330	49	83	462	34	428
3	384	75	85	544	34	510
4	375	69	87	531	34	497
5	372	64	90	526	34	492
6	360	61	93	514	34	480
7	352	59	95	506	34	472
8	350	59	97	506	34	472
9	345	56	99	500	34	466
10	338	56	100	494	34	460
11	332	61	101	494	34	460
12	325	59	102	486	34	452
13	318	55	102	475	34	441
14	312	51	103	466	34	432
15	310	51	103	464	34	430
16	302	51	104	457	34	423
17	302	51	104	457	31	426
18	300	51	104	455	31	424
19	300	51	105	456	31	425
20	302	49	105	456	31	425
21	302	51	105	458	31	427
22	298	51	105	454	31	423
23	290	54	105	449	31	418
24	283	51	105	439	31	408
25	278	54	105	437	31	406
26	276	54	105	435	31	404
27	271	54	105	430	31	399
28	271	51	104	426	31	395
29	271	54	104	429	31	398
30	271	54	103	428	31	397
Total						13105
Maximum						510
Minimum						395
Mean						437

TFW/TFW.

C.R. 1921.

INFLOW CURVE 1921.

Day	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER.
1	20	34	64	95	117	80
2	20	35	65	96	115	83
3	20	35	66	97	114	85
4	20	36	67	98	112	87
5	21	37	68	99	110	90
6	21	38	69	100	108	93
7	21	39	70	101	106	95
8	21	40	71	102	104	97
9	22	41	72	103	102	99
10	22	42	73	104	100	100
11	22	43	75	105	99	101
12	23	44	76	106	97	102
13	23	45	77	108	95	102
14	23	46	78	110	93	103
15	24	47	79	111	91	103
16	24	48	80	113	89	104
17	25	49	81	115	87	104
18	25	50	82	116	85	104
19	26	51	83	118	83	105
20	26	52	84	120	81	105
21	27	53	85	122	79	105
22	27	54	86	124	77	105
23	28	55	87	125	75	105
24	29	56	88	127	73	105
25	29	57	89	129	72	105
26	30	58	90	127	72	105
27	31	59	91	126	71	105
28	31	60	92	124	72	104
29	32	61	93	122	73	104
30	33	62	94	121	75	103
31	..	63	..	119	78	...

Note: April, May and June, projected as shown on plat.

TFW/TFW.

C.R.1921.

MEMORANDUM:

Field Notes of Mr. Wentz. 1921.

May, 4, Over River Bottoms, regarding ditches, messureing devices, ect.
May 5, Over Lake Bottom Canal regarding installation of devices.
May 6, Furnished Lake Botom Canal with plans.
May 10, Staking out Weirs Lake Bottom Canal:
"Clegg Box" put in hub 3" above water surface below weir.
"Murdock Weir", at water surface 5" fall above weir, and cut ditch down 3" below weir.
"Blake Orifice" put in plug 3" below water surface.
"Johnson Orifice" set plug 3" below water surface.
Williamson Orifice, put in plug.
Clinger Weir " " "
Chery Hill Weir " " "
#3 Bunnel Weir " " "
No. 1, Weir " " "
#2 Weir, " " "
Plugs are set to proposed crests.

May 11, Over Provo Valley and Provo Canyon.

May 12, Survey of Proposed change of point of diversion of Charleston Upper Canal.

	Time	G.H.	Cfs.	
May 14,				
Provo Bench Canal L.S.	930a	2.00	135.	Started Register.
" " "	1005a	Raised.		
" " " U.S.	1030a	178		

East River Bottoms Water Company putting gates in City Creek. Ditch K. joined with L. Outlined Weir repairs.

May 16. Lake Bottoms and River Bottoms construction of gates and weirs

May 17.

Provo Bench Canal L.S.	840a	219	153.6	
Construction of weirs Lake Bottom Canal.				

May 22,

Provo Res. Canal.	935a	250	168.	
" " Lat. #1	935a	70	~~.394~~ 3.94	/ 171.94
Provo Bench Up.Station	944a	162		
Layout of weirs City Creek.				

May 23,

Provo Bench Up.St.	934a	185	
Wasatch Canal	345p	102	70.20
North Field, Weir out.			
U.S.G.S. gage	730p	390	

May 29,

Provo Bench US.	1020a	188	
Provo Bench L.St.	1130a	224	157.96
Over system on account flood waters.			

June 1, Adjustment of Provo Bench on account of cut of UP&L.
Work on weirs.
Tanner East Ditch width 2.39-2.40.

May 26, 27, and ½ 28, Andrew Neilsen, labor excavating for wier at Mouth of Canyon, City Creek; June 2, Put in Clyde Ditch Weir and repaired Tanner East Ditch Weir; June 3, Put in Brown Ditch Weir and heaegate, bill of lumber of this date used on Brown Ditch Weir. June 4, Paid Andrew Neilsen for labor as above 4½ days at $3.00, $13.50.

June 6 and 7, Put in City Creek Weir
Labor: James Gillispie $7.00
Frank Healy $7.00
Grant Wentz % Team $7.00
Material:
4 Collars See Bill.
1 2 x 12 x 14 sub-sill.
1 weir with angle.
2 1ft. gages.
1 pcs. 2 x 4 x 14
8 pcs 2 x 12 x 5
14 pcs. 2 x 12 x 14
nails 6 lbs.

June 8-9 Frank Healy moving Barton % Young Ditch Weir.

June 10-11 Frank Healy, putting wier, Ditch "O" East Riv. Bot. W.Co.

June 9,

Provo Res. Canal	800a	270	189.08
" " Lat #1.	800a		00
USGS. gage	920a	570	

With Charleston Irrigation Co. regarding weirs.

Brown Well	1130a	6.3

John Duke and Son to go to lakes on 15th june, at $150 per month.

June 10,11,12,13,14 control of flood waters.
June 13,14,,15 Putting in Upper East Union Weir.
June 16,17, Miss. Repairs and water schedules.

Notes on Trips to Lakes;
Cordie Clegg and Henry Clegg Jr., left Heber May 21, arrived at Lakes May 24th, returned to Heber May 26. Soapstone--snow drifts across road; Lower end of Big Meadows 3 ft snow; Upper end Bid Meadows 4 ft snow; at lakes 7 ft.

Bill: Cordie Clegg 6 days at $5.00. . . . . $30.
Henry Clegg 6 days at $4.00 24
Supplies by Cordie Clegg 12.60
Total to Cordie Clegg $42.60
" " Henry Clegg, 24.00

June 18,

Provo Res. Canal.	922a	268	186.8	
" " Lat #1.	922a	66	3.61	/190.41
Provo Bench Up. St.	945a	122	Cut for test measurement.	
" " " "	1030a	168)		
" " L.ST.	1227p	202)	same headgate.	
Raised Canal.				
Provo Bench Up. St.	235p	204	)	
" " L.S.	500p	243	182.57)	same headgate.
" " US.	740p	204		

June 20, Upper East Union, recinds letter of April 14, 1920.

June 20.
Over River Bottoms regarding schedules.
USGS gage 1002a 434
Left 5 weir boards (12" x36") with Charleston Irrig. Co.
Brown Well 1050a 3.4

Cordie Clegg reports on trip to Lakes June 14- 18, total 5 days at $6.----$30.00 . Long Lake washed out; about 4ft of snow above Trial.
J.C.Duke began time on 14th.
Gage on Washington 37.7; Wall and Trial full; 150 cfs. thru Union Weir

During flood season, river changed its course to West of Wasatch Dam. Wasatch Irrig. Co., North Field, and Charleston Irrig. Co., putting in dam turning water back to Wasatch Dam. Canals only partly full.

June 21.
Timpanogus Irrig.Co. 745a 106 53.26
Requested Washington Irrig. Co. to send someone to Big Elk Reservoir.
Made arrangement with Ernest Knight for Deputy Commissioner.
Up Beaver Creek, Shingle Creek 12 noon; about 35 cfs, 10 to Beaver Creek 25 to Provo River. At Kamas 230p.
Parties working on River at Wasatch Dam, about 2/3 stream in.
USGS 745p 414

June 23.
Over West Union Canal, regarding instalation of weir in laterals.
at Office part of day.

June 24,
Arrangement of schedule City Creek "A".

June 28.
Arrangement of schedule City Creek "B".

July 4.
West Union 546p 108 51.36
Cut Provo Bench. Made Temporary adjustment turning more water from upper canals.

July 5.
Approx. 30cfs. by Tanner Race dam.
City Race 610a 56 6.60
East Union 622a 88 23.73
Factory Race 626a 110 31. Rating Flume.
West Union 1000a 106 50.16
Park & Nuttal 1002a 38 2.51 (Weir repaired)
Installed gage below West Union Dam, designated"West River Gage"
West River gage 1015a 61
Cut West Union.
Provo Bench US. 1034a 196
Provo Res. Canal. 1038a 272 191.4
" " Lat #1. 1038a 4 /195.4
UPU&FF. 1047a 100 29.48(7.8' x 1' Supp.Weir)
City Creek Weir 1049a 84 28.40
Began putting in Emergency Dam.
Cut Provo Bench.
City Race 110p 102 19.00
Provo Bench US. 252p 180
Trouble at Plant--part of flow over spill, OK at 930pm.

July 6.
City Race 735a 58 7.00
Factory Race 743a 78 37.16 (3cfs leakage)
Union 747a 88 23.73
Readjustment of gates at mouth of canyon remove Emergency dam to repair.

July 6.

Provo Bench Us.	939a	176	
Provo Res. Canal	943a	256	174.
" " Lat #1	943a	est	4. / 178.

Approx 30cfs by Provo Res. Co. Dam. Emergency dam in at 1130a.
UP%L. cuts flume 6-8 inches.

UEU&FF.	1155a	85	22.70
West River Gage	330p	30	
West Union	335p	86	35.52
City Creek Weir	409p	40	8.93
UEU&FF.	410p	70	16.61
Provo Bench USt.	500p	160	

Olmstead Plant off for few minutes--line trouble.

River gage	531p	56	Raised by raising Olmstead flume.
Provo Bench Ls.	742p	190	115.

July 7.

City Race	617a	68	9.10
Union	622a	46	8.54
Factory Race	625a	226.10	35.76
Tanner Race Assumed			10.10
			63.50

Made adjustment on Spring Creek.

West Union 811a	86	35.52	
River Gage	815a	45	
Provo Bench Us.	821a	160	
Olmstead Flume"D"	920a	472	214.51
Requested to raise to		490	

Provo Res. Co. and Timpanogus-- tightening dams.

River gage	1244p	33	
Provo Bench LS.	145p	174	96.47
West Union	222p	84	34.08 Cut to award.

Timpanogus Dam in. Cut to approx. award.
Cut Clyde ditch weir to 9 inches.

Clyde Ditch	411p	37	

Lake Bottom Canal Spilling,
Cut Lake Bottom Canal at head and opened spill to river and set gate.

July 8.

Timpanogus	655a	108	19.74
Provo Bench Ls.	830a	184	105.6
West Union	842a	80	31.50 Cut.
River Gage	847a	39	
Provo Bench US.	850a	155	Cut.
Provo Res. Canal	853a	274	193.8

Installed gage on Timpanogus Upper Station

Timpanogus Upper Station	912a	108	Cut.
UEU&FF.	924a	75	18.52
City Creek	924a	42	9.58
Olmstead Flume	1030a	518	220.51 (Bulkheads in)
" " Raised to	1120a	530	
USGS.gage	1133a	230	On way to Wasatch Co.

Tailrace gates failing, have Healy make additional repairs. Have Mr. Healy work on river below mouth of canyon.

Wasatch Cana.	201p	112	82.08
North Field	206p	106	60.30
Timpanogus I.Co.	220p	107	55.92

Approx. 10cfs by Midway Upper Dam.

Midway River Ditch	400p	74	17.15
Sp. Creek &Sagebrush	438p	135	
Brown Well	527p	5.7	
Lower Charleston	530p	78	
US.GS. gage	626p	225	

July 8.

Timpanogus Us.	700p	96	15.20	
River Gage	705p	42		
Provo Bench Us.	708p	154	Cut to 150.	
Provo Res. Canal	801p	260	178.	
Tanner Race	1p	40	7.14	Peay
City Race	2p	72	10.10	"
Union	2p	50	9.76	"
Factory Race	2p	225	35.10	"
			62.10	

July 9.

Provo Bench LS.	740a	176	99.50	
West Union	754a	78	30.18	
River gage	756a	44		
Provo Res. Canal	802a	252	170.	
Lat #1	802a		00	
Timpanogus Us.	806a	95	15.10	(Should run at 92)
UEU&FF.	810a	75	18.52	
City Creek	810a	42	9.58	
Timpanogus	825a	98	15.82	
City Race	902a	84	13.10	
Union	907a	64	14.30	
Factory Race	909a	234	41.64	
Tanner Race		40	7.14	/ 76.26
Lake Bottom Canal	945a	112	19.36	
Dry Creek	1022a	66	7.22	

July 10.

Provo Res. Canal.	450p	247	165.3	
" " Lat.#1.	450p		00	
UEU&FF.	456p	73	17.70	
City Creek	456p	38	8.25	
Timpanogus USt.	504p	91	14.50	
Provo Bench Ust.	515p	148		
River gage	519p	36		
West Union	521p	78	30.18	

Have UP&LCo. raise to Ght. 535 at Donnons Station.
Frank Healy employed as follows: July 5,6 and 7 Emergency Dam and Tailrace gates, July 8,9, 11,12,13 confining channel of river below mouth of canyon, with team. July 25, Changing gate of Barton & Young Ditch, Total 4 days At $3.50 ;;;; 14.00
5 days " 6.00 . . .30. / $44.00

July 11.

Provo Bench Lst.	830a	176	98.00	
West Union	842a	78	30.18	
Park & Nuttal	844a	65	5.79	
Barton & Young	850a	46		Off schedule--cut off.
River gage	846a	37		
Provo Res. Canal	858a	270	189.	
" " Lat. #1.	858a		00	
Timpanogus USt.	902a		14.80	
Olmstead Flume	950a	535	233.54	
UEU&FF.	1137a	74	18.10	Cut.
City Creek	1137a	38	8.25	
UEU&FF.	1145a	68	15.83	
Tanner Race		38	6.60	Peay
City Race		52	6.00	"
Factory Race		218	30.72	"
Union		58	12.18	" / 55.50

Cut Lake Bottom at head approx. 5cfs.

Tanner Race	316p	38	6.60	
City Race	322p	46	4.60	
Union	327p	56	11.56	
Factory Race	329p	218	30.72	/53.48

Made rearrangement of gates at mouth of canyon, clearing spillof Provo Bench for 15 ft. to take water of City and West Union instead of thru W.U.gates.

Provo Bench Ust.	630p	143
River gage	637p	42

July 12.

Tanner W.Ditch	630a		00	
" E. "	631a		00	
" Flume	634a		00	
River Belpw FtFd.	800a		2.00	
Fort Field Canal	804a	63	2.80	
Lake Bottom Canal	900a	112	19.36	
Geo. Taylor Ditch	900a		00	
Turned from Lake Bottom to Fort Field 4 cfs.				
Partridge Ditch	940a		.80	
Steve Jones.	949a		00	
Brown Ditch	958a	35	2.18	Cut to 00--off schedule.
Clyde Ditch	1021a	65	4.82	/ 31.96
Dry Creek	834a	68	7.55	
" " When settled		62	6.57	Raised.
Tanner Race	1040a	38	6.60	
City Race	1057a	72	13.89	
Union	1116a	62	13.60	
Factory Race	1118a	220	31.98	3cfs.lkg.
			66.07	
Dixon Ditch	1127a		00	
Young Ditch	1138a		0.10	
Baum "	1138a		00	
Foote "	1144a		00	
Adjusted North Union Lateral to 10.62 cfs = 657.67 P.B.Shares at 200pm(with Wadley).				
Provo Bench Ls.	216p	170	96.88	
West Union	312p	78	30.18	
Park & Nuttal	314p	65	5.79	Cut.
River gage	321p	41		
Barton & Young	323p	22	1.08	
Provo Res. Canal	330p	260	177.11	
" " Lat #1	330p		4.00	/ 181.11
Provo Bench US.	406p	145		
UEU&FT.	411p	68	15.83	
City Creek	413p	36	7.60	
Timpanogus	430p	97	15.34	
Raised Provo Bench 3cfs. Cut Park & Nuttal to award; other adjustments made as sheet of this date as per notes.				
Provo Bench US.	519p	148		
Waterworks assumed			13.55	
Grand Total			472.06	

July 13.

Fort Field	550a	85	5.40	
By Ft.Fd. Dam	550a	est	2.00	
CY at Brickyard.				
Provo Res. Canal	829a	260	178.	
" " "	829a		4.	/ 182.
USGS gage	900a	222		
Approx. 10cfs by Midway Lower Dam.				
Upper Charleston	1102a	60		
Sp. Cr.&Sagebrush	1115a	110		
Midway River Ditch	142p	75	17.49	
By Midway Up. Dam.	146p		00	
Wasatch Canal	202p	116	86.40	
North Field	203p	112	65.55	
Timpanogus	218p	104	53.53	
Ontario Tunnel	304p	178	21.26	

Turned Thru Provo Res Co. Weir 5 cfs. to make up Midway amount.
I.H.Jacobs reports on trip to Lakes:- Starts 20cfs from Trial Lake at 6 pm to-day.

July 14,

Lake Bottom Canal	600a	97	
C.K.at Brickyard	630a		

Went over Spring Creek. Raised Lake Bottom gate.

Fort Field	815a	93	6.30 Raised by raising Lake Bottom gate and taking over spill.
Provo Res. Canal	1017a	240	159.
" " Lat. #1.	1017a		00
Johnson & Ford			4.00
Midway River Ditch	219p	78	18.55
Wasatch Canal	232p	113	82.98
North Field	234p	107	61.05
Timpanogus assumed			53.53
			320.11

Distribution up to 16th Class.

	Decree	Loss	BM.	Extension	17th	Total
Wasatch Canal	41.67	5.00	3.00	13.33	16.	79.
North Filed	41.67		-3.		12.	50.67
Timpanogus No Change						53.53
Midway et al						22.67
Ontario Tunnel water to Provo Division						15.76
						221.43

Heavy storms--river raising.
Engaged John H.Clegg for one month, as Deputy--Wasatch County.

July 15.

Provo Res. Canal	557a	276	196.2
" " Lat. #1.	5557a		00
Provo Bench Us.	602a	154	
River Gage	607a	49	
West Union	610a	74	27.84
UNUAFF	621a	68	15.83
City Creek	621a	42	9.58
Timpanogus US.	626a	100	17.30

Over West Union Canal on Weirs:-
Data: West Union Canal Co. 920.5 shares. Smith water is counted as equal to 249 shares of West Union, that is total shares in canal is 1169.5= that is one share is equal to .0347 cfs.

Name of Lateral	No. Shares.	Sec.Ft.
Smith Ditch	140	3.46
No.1	208.5	5.15
No.2	298.5	7.37
3	56	1.38
4	108	2.67
5	69.5	1.72
6	83.5	2.06
7	201	4.96
	1165.	

Note:- West Union Canal Co. are enstalling weir at each diversion.

July 16.
At Wasatch Co.
Turned thru Provo Res. Weir:

Provo Res. Weir	230p	102	33.84

Adjusted Midway Dam and river and Island Ditch to allow Tunnel and storage waters to pass, river receding. Cloudy and showers.

July 17.

Provo Res. Canal	948a	270	189.
" " Lat. #1.	948a		00
Timpanogus US.	952a	106	18.20
UNUAFF.	959a	71	16.93
City Creek	959a	63	18.05
Provo Bench US.	1011a	162	
River Gage	1030a	71	

Made distribution of excess flow.

West Union	1053a	86	35.52

July 18.

Provo Res. Canal.	743a	272	191.4	
" " Lat. #1.	743a		00	
Provo Bench US.	746a	188		
River Gage	750a	68		
West Union	752a	86	35.52	
City Creek	805a	85	29.10	
UPU&FF.	805a	80	20.48	
Timpanogus	811a	109	20.10	Raised.
U.F.Union Canal	1000a	150	Started register.	

July 19.

Provo Res. Canal.	740a	266	184.60	
" " Lat #1.	740a		4.	/188.60
Provo Bench US.	743a	188		
West Union	750a	86	35.52	
River Gage	749a	70		

UP&L. turn part of water out of flume for repairs. Water arrives at Heiselt Dam at 830a. Spent forenoon making adjustments.

Provo Res. Canal	530p	264	182.4

At 545p UP&L turn water back into flume, water arrives at tailrace at 615p. Water recedes at Heiselt dam at 625p.

July 20.

USGS gage	847a	249	
Wasatch Canal	1112a	98	65.70
North Field	1113a	82	39.60.
Provo Res. Weir	1131a	84	34.84

Part of Wasatch Dam out, this accounts for large stream by Midway Dams. Arrange to have dam repaired this pm. condition will probably be settled to-morrow.

July 21.

Provo Res. Canal.	635a	264	182.4	
" " Lat #1.	635a	72	4111	/ 186.51
Timpanogus US.	640a	110	20.30	
UPU&FF.	644a	70	16.61	
City Creek	644a	38	8.25	
Provo Bench US.	651a	176		
River Gage	658a	42		
West Union	701a	82	32.82	

Made adjustment of gates at mouth of canyon distributing excess flow.

Lake Bottom canal	214p	110	
City Race	229p	82	12.60
Union	235p	62	13.60
Factory Race	237p	222	33.24
Tanner Race	250p	42	7.66
			67.10
Dry Creek	303p	74	8.57
Fort Field	321p	93	6.30
By FT.FD. approx.			2.5

July 22.

Provo Res. Canal	554a	270	189.
" " Lat. #1.	554a		00
Provo Bench US.	558a	154	
River Gage	602a	41	
West Union	606a	78	30.18
City Union	639a	68	15.69
Factory Race	640a	233	40.80
City Race	647a	60	7.40

July 23.

ProvoCity Waterworks 12 noon 13.55 reported by T.C.Thompson.

July 24.

West Union	820a	80	31.50
River Gage	822a	50	
Provo Bench Us.	826a	150	
Provo Res. Canal.	900a	268	186.8
" " Lat.#1.	900a		00
UEU&FF.	907a	75	18.52
City Creek	907a	55	14.60

Over River Bottoms.
3-4pm, made adjustment of falling river.

River Gage	400p	47	
City Creek	430p	47	11.43
UEU&FF.	430p	70	16.61

July 25.
At 130am Chipman calls and states Timpanogus down to 0.30 GHT.,I go to mouth of canyon and raise Timpanogus from valve of Provo Res.Co.

Provo Bench LS.	730a	181	103.46
West Union	811a	79	30.84
Park & Nuttal	812a	62	5.28
River Gage	815a	46	
Barton & Young	817a	15	0.59
Provo Bench US.	820a	155	
Provo Res. Canal	824a	256	173.72
" " Lat. #1.	824a		00
Timpanogus Us.	859a	84	11.94
By Timp. Dam	917a	est	6.50

Requested UP&L to cut flume to cut. 532.

UEU&FF.	954a	71	16.93
City Creek	954a	55	14.60
U.E.Union	1010a	142	16.20
Young Ditch	1019a		00
Baum "	1019a		00
Dixon "	1047a		00
City Race	1035a	104	19.01
Union	1049a	86	22.88
Factory Race	1050a	180	10.98
Tanner Race	148p	68	16.24
			69.11
Dry Creek	159p	74	8.57
Fort Field	215p	78	4.72
By Ft.Fd.	228p	est	1.25
George Taylor Ditch	1110a		00
Lake Bottom Canal	1113a	135	15.63
Partridge Ditch	1130a	est	0.10
Brown Ditch	1141a	39	2.61
Steve Jones Ditch	1152a		00
Clyde Ditch	1205p	32	1.60
Tanner W.Ditch	1219p	95	6.23
Tanner E. "	1231p	est	1.00 weir broken.
" Flume	1234p	est	0.20
Waterworks assumd			13.55
Grand total			481.93

Made adjustment preparatory to Provo Res. Co. starting pumping from Provo Bench Canal to P.R.Canal.
After adjustement:

Provo Bench US.	555p	162	
Timpanogus	559p	92	14.60
UEU&FF	604p	68	15.83
City Creek	604p	38	8.25

July 26.

River Gage	835a	45		
Timpanogus Tightening dam.				
Timpanogus	940a	82	11.60	
Provo Res. Canal	943a	251	169.	
" " "	943a		00	
Provo Bench US.	946a	161		
Started pump # 1 at 945a.				

July 27.

Provo Res. Canal	635a	246	164.4	
" " Lat #1.	635a	est	3.50	
Provo Bench Ust.	639a	160		
River Gage	643a	37		
West Union	650a	76	28.98	
Riv.Bel.Midway L.Dam	937a	105	34.62	
Island Ditch	1035a	est	4.00	voluntary reduced.
Snake Creek;				
West Bench	1107a	~~10x05~~	10.05	
Mound Ditch	1127a		2.48	
Huber Ranch Ditch	1139a		00	
Huber Lower "	1141a		2.20	
" Upper "	1148a		1.44	
Provost Ditch	1204p		1.58	
Snake Creek Tunnel	1250p	137	11.59	
" " Opp. "	200p		12.12	(Creek opposite Tunnel) do
Lavina Creek	250p	appr.	8.00	Weir filled with gravel(Cleane
Sn.Cr. at Ford.	344p		23.32	
Pine Creek Ditch	430p	100	4.32	
Wilson Ditch	436p	57	3.92	
Total Snake Creek watershed			49.31	
Midway River Ditch	507p	70	15.77	
Wasatch Canal	523p	92	59.22	
North Filed	524p	68	29.70	
Provo Res. Weir	541p	66	17.01	
Timpanogus	703p	96	46.90	

Distribution:-
Midway irrig. Co. et al 54.25 + 2.5 J&F. = 56.75 cfs.
4931. Snake Creek + 5.5 Tunnel + 2.5 J&F., that is Midway Irrig. is to be reduced to 10.50 at River Ditch.
17.01 thru P.R.Weir + 18.82 + 35.83 "A".
Midway 10.50
Storage 19.30
Tunnel 15.76
45.46 - 18.82 = 26.64 to go thru p.R.Weir; adjustment to be made by Clegg in Morning.

July 28.

River Gage	844a	38				
West Union Canal;-						
At Station	850a	78	30.18			
Up Calder Ditch	906a		00			
Low. " "	911a		1.26			
Upper Keeler	925a		00			
Lower "	931a		2.46			
Schemensky spill	945a	est	0.05			
WmCarter Ditch	945a	est	0.02			
Carter Ditch	953a		2.07			
Aaron Carter Ditch	1003a		0.03			
Smith Ditch	1007a		5.76		Entitled	
Young & Lee York	1034a		00	Shares	Sec.ft.	Sh.
Young(Orchard)	1045a		00			
Jay Smith	1052a		00			
Lat No. 1	1057a	535	4.20	208.5	4.63	57
2	1133a	69	6.22	298.5	6.63	72
2a	1154a		00			
3	1206p		00	56.5	1.25	31
3a	1233p	3.15	1.25	"	"	"
4	150p		00	67		36

Lat. No. 4a	141p	31	1.21	67	1.49	35
4b	207p	35	1.47	41	0.91	.255
Lewis Olsen	249p		00			
Pete Zoebel	252p		00			
Lat. No. 5	404p	31	1.22	69.5	1.54	36
Bunnel No.1	422p	25	0.88	33	.73	22
" " 2	438p		00			
Sorensen No.1	500p	est	0.05	50.5	1.12	30
" " 2	515p		1.11		1.12	30
Canal at Rawlins Road	522p	40	2.68			
Total			31.94			
Gain			1.76			

On account of absence of Judge, West Union are unable to get a segregation of Smith Ditch, and until hearing approximately same quantity will be run in canal.

City Race	2-3p	56	6.60	Peay
Factory Race	"	223	33.80	"
Union	"	45	8.19	"

July 29.
At Brickyard with Peay at 630a, conditions OK.

UPU&FF.	830a	68	15.83	
City Creek	830a	38	8.25	
Provo Res. Co. Pumps Nos. 2 & 3 started at 830a.				
Provo Bench US.	924a	148		
Tanner Race	115p	42	7.66	
City Race	124p	54	6.20	
Union	129p	47	8.84	
Factory Race	131p	223	33.80	
			56.50	Raised.
Timpanogus US.	207p	91	10.47	Raised.
Provo Bench Us.	251p	154		Cut.

July 30.

Provo Bench LS.	1020a	166	Before clearing Div.Gate Ght.172 Blank was in gate.	
At Office.				
UPU&FF.	530p	68	15.83	Cut.
City Creek	530p	38	8.25	Cut.
Timpanogus US.	540p	100	13.60	Clean of moss(New Rating)
River Gage	544p	47		Cut
West Union	547p	70		Raised.
Provo Bench US.	556p	142		Raised.
Provo Res. Canal	612p	240	159.	

August 1.

Provo Res. Canal	611a	270	189.	
" " Lat.1	611a		00	
Provo Bench US.	616a	152		
River Gage	619a	47		
West Union	624a	68	24.36	Raised.
West Union	702a	80	31.50	
River Gage	706a	45		
UPU&FF	724a	64	14.51	Raised.
City Creek	724a	37	7.92	
Timpanogus US.	733a	125	22.60	

August 2.

Provo Res. Canal	1035a	268	186.8	
" " Lat.1.	1035a		00	
Provo Bench US.	1039a	148		
West Union	1044a	80	31.50	
River Gage	1047a	43		
Timpanogus US.	1051a	127	22.90	
UPU&FT.	1055a	65	14.74	
City Creek	1055a	33	6.65	
City Race	1115a	76	11.10	
Union	1119a	58	12.20	
Factory Race	1121a	230	38.70	
Tanner Race	1139a	42	7.66	
			69.66	
Dry Creek	1151a	75	8.75	

Aug. 3.
Instalation of weirs Upper East Union.

August 4.

Provo Bench LS.	125p	171	92.50	
City Race	244p	62	7.80	
Union	250p	52	10.32	
Factory Race	252p	230	31.98	
Tanner Race	240p	50	10.10	
			60.20	
Dixon Ditch	300p		00	
Young Ditch	450p	0.10	0.10	
Baum Ditch	450p		00	
Foote Ditch Under City Creek weir.				
UPU&FT.	523p	65	14.74	
City Creek	523p	37	7.92	
Timpanogus US.	530p	105	16.47	
Provo Res. Canal	549p	260	177.	
" " lat.1.	549p	58	2.97	
Provo Bench US.	557p	145		
Barton & Young.	559p		00	
River Gage	601p	42		
West Union	603p	79	30.84	
Park & Nuttal	605p	49	3.74	
Tanner W.Ditch	202p		00	
" Flume	204p		00	
Tanner E.Ditch	207p		0.80	
Clyde Ditch	222p	35	1.84	
Steve Jones	236p		00	
Brown Ditch	240p		1.25	Approx(scattered)
Partridge	320p		00	
George Taylor	327p		00	
Lake Bottom	327p	130	10.52	/ 14.41
Dry Creek	400p	66	7.22	
Fort Filed	417p	74	4.30	
By FT.FD.	425p	est	0.80	
Waterworks assumed			13.55	
Grand Total			446.76	
Olmstead Flume	700p	532	230.00	Ordered raised to Ght. 534.

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August 6.

Provo Res. Canal	600a	246	164.4	
" " Lat.1.	600a		00	
Provo Bench US.	604a	144		
River Gage	609a	42		
Ontario Tunnel	1005a	172	19.81	
Timpanogus	1124a	86	39.22	
Provo Res. Weir	1140a	86	25.74	
River By Was.Dam			18.80	(Same Condition)
Wasatch Canal	1149a	104	72.72	
North Field	11.50a	53	20.19	
Midway Riv. Ditch	1205p	64	13.79	Cut.
Sl.Cr.&Sagebrush	143p	108	29.41	
Upper Charleston	225p		18.72	
River Mid.L. Dam	327p	106	35.7	

August 7.

River Bottoms Calls and states; City Creek nearly dry.

UPU&FF.	320p	52	10.41	
City Creek	320p	11	1.23	

I find that someone has turned most of water except as shown above thru City Creek Upper Waste Gate to river. We turn back to City Creek and I raise to make up the amount during night to parties losing water whose schedule was on this pm.

UPU&FF.	640p	66	15.17	
City Creek	640p	45	10.60	

Aug. 8.

Gropus "A" and "B" River Bottoms dividing City Creek.

UPU&FF.	620a	67	15.44	
City Creek	620a	45	10.60	
River Gage	648a	42		
West Union	651a	77	29.64	
Provo Bench US.	656a	143		
Provo Res. Canal	700a	222	145.4	
" " Lat.1.	700a		00	
Timpanogus	629a	90	12.53	

Aug. 10.

Provo Res. Canal	916a	266	184.6	
" " Lat.1.	916a		00	
Timpanogus	930a	91	12.60	
UPU&FF.	934a	68	15.83	Cut
City Creek	934a	44	10.26	Cut.
Provo Bench US.	942a	144		
River Gage	946a	42		
West Union	948a	76	28.98	

August 11.

Provo Bench LS.	207p	176		
P.R. Opening P.B.	211p		10.62	
West Union	222p	78	30.18	Cut to ght.73
Park & Nuttal	223p	52	4.08	Cut to proper quantity.
River gage	227p	45		
Provo Bench US.	240p	143		
Provo Res. Canal	243p	244	162.6	
" " Lat.1.	243p		3.00	
Provo Bench US.	337p	148		
Timpanogus	340p	90		
UPU&FF	344p	66	15.17	
City Creek	344p	34	6.97	
River Gage	356p	44		

August 7. Gage Heights as reported by I.H.Jacobs.

Washington lake	330p	32.40
Wall	300p	19.60
Trial	200p	31.00
Weir (Union)	810a	46.60
Lost Lake release		33.90

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August 13.

Wasatch Canal	330p	110	79.56
North Field	332p	45	15.60
Prov.Res. Weir	342p	100	32.76
Raining.			
USGS.gage	600p	220	
River Gage	640p	42	
Raised West Union.			

August 15.

Provo Bench LS.	800a	185	102.32	
West Union	845a	78	30.18	
Park & Nuttal	846a	23	1.16	
River Gage	848a	40		
Barton & Young.	853a	40	2.68	
Provo Bench US.	856a	151		
Provo Res. Canal	900a	276	190.55	
" " Lat.1.	900a	24	.82	/191.37
Timpanogus	945a	118	19.15	
UPU&FF	959a	66	15.17	
City Creek	959a	37	7.92	
Young Ditch	1034a		00	
Baum Ditch	1034a		00	
City Race	1051a	64	8.25	
Union	1105a	56	11.56	
Factory Race	1107a	230	38.70	
Tanner Race	252p	38	6.60	
			65.11	
Dry Creek	239p	67	7.39	
Waterworks assumed			13.55	
Partridge Ditch	1124a	est	0.10	
George Taylor	1134a		00	
Lake Bottom Canal	1134a	102	15.58	
Brown Ditch	1201p	32	1.94	
Tanner W.Ditch	130p	94	6.14	
" Flume	132p		00	
" E.Ditch	135p	0	00	
Clyde Ditch	147p	24	1.00	
Riv.By Fort Fd.	215p		2.50	
Fort Field	215p	85	5.43/	32.69

Grand Total 488.69

August 16.
Smith Ditch at Carter Point 29.5 shares, and Smith Ditch claims 1/4 of canal, or 26/4 x 29.5/83 = 2.31 sec.ft. or gage height of .36
Stream above Carter Point is 15.5 shares of Smith Ditch and 5 shares West Union equals 1.32 sec.ft.

August 17.

Provo Res. Canal	834a	267	185.7	
" " Lat.1.	834a		.82	
Provo Bench US.	837a	152		
River Gage	842a	40		
Timpanogus US.	850a	115	17.20	

Lower Charleston, out for cleaning.

Brown Well	1035a		7.8'	
Sp. Cr. &Sagebrush	1125a	115		
RIV. Low.Midway Dam	1140a	130	51.	
Wasatch Canal	134p	112	82.08	
North Field	135p	42	14.14	
Provo.Res. Weir	142p	108	37.17	
By Wasatch Dam			20.	Approx.-- same opening.
Timpanogus	200p	88	40.68	

On Request of I.R.Baum,I turn his water thru Timpanogus canal.

Timpanogus	205p	91	42.57

August 18.

City Race	757a	56	6.60
Union	800a	55	11.29
Factory Race	803a	226	32.76

August 19.

Provo Res. Canal	600a	260	178.
" " Lat.1.	600a		3.00 / 181.

Drift in gate at tailrace removed.

Smith Ditch	645a	30	Raised. to.
" "	650a	50	Until revision of tickets.
UPU&FF.	626	65	14.74
City Creek	626p	30	5.76 Raised.
Timpanogus	633p	84	9.50
River Gage	649p	42	
West Union	652p	75	28.50 Both gates open clear.
Provo Bench US.	658p	146	
Provo Res. Canal	700p	247	165.3
" " Lat.1.	700p		3.00 / 168.3
Sego	712p	38	2.43 Weir 1' x 2.95'

August 20.
At 830pm West Union ~~xxxx~~ reports canal low, I go to station;-

West Union	900p	68	24.36 (Boren & Greenbrack present)

Gates are clear.
U.P.&.L. has one wheel out, part of water over spill; Shut down P.R.pump No.1, and turn part of P.Bench canal to river leaving P.B. same, this raises West Union to Ght. 76.

August 21.
With Jos. Bunnel and John Lunceford repair West Union Dam raising gate to 82 32.82
UP&L. back in this evening.
Adjustment of West Union to be made in the morning.

August 22.

City East Union	635a	48	8.65
Factory Race	637a	218	30.72
Wset Union	805a	92	39.48 Cut.
West Union	815a	78	30.18
River Gage	822a	42	
Provo Bench US.	826a	148	
Provo Res. Canal	830a	232	152.6
" " Lat.1.	830a		00~~xxxxxxxxxx~~
Timpanogus	834a	92	12.40
UPU&FF	837a	66	15.17
City Creek	837a	41	9.25
Olmstead Flume	913a	534	
USGS Gage	932a	212	
Lower Charlston	1030a	120	18.05
RIV. Midway L.Dam	1120a	114	44.5 Installed 3' Porcelain Gage.
Upper Charleston	1133a		18.72 Same as 8-21
SP.Cr.&Sagebrush	1145a	105	
Wasatch Canal	136p	102	70.20
North Field	138p	36	11.35
Provo Res. Weir	141p	100	32.76
Timpanogus	247p	68	26.90

Adjustment deffered until settled weather.

August 23. 1921.

City East Union	635a	50	9.76	
Factory Race	637a	222	33.24	
UEU&TT	715a	66	15.17	
City Creek	715a	35	7.26	Raised.

Gates at mouth of canyon; clogged--- removed.

River gage	750a	42	

August 24,1921.

Tanner W.Ditch	1126a	69	3.86	
" E. "	1128a		1.35	
" Flume	1131a	80	1.60	
Clyde Ditch	1146a	35	1.84	
Brown Ditch	1202p	34	2.12	
Partridge Ditch	1215p	est	0.40	
Lake Bottom Canal	1226p	85	11.55	
Geo.Taylor	1236p		00	
Fort Field	1245p	64	3.30	
By Fort Field	1247p	est	0.25	
			26.27	
Dry Creek	201p	67	7.39	
Tanner Race	213p	34	5.58	
City Rce	222p	68	9.10	
Union	228p	56	11.56	
Factory Race	230p	230	38.70	/ 65.94
Waterworks assmed			13.55	
Dixon Ditch	235p		00	
Young Ditch	250p		00	
Baum "	250p		00	
UEU&TT	330p	64	14.51	
City Creek	330p	42	9.58)	
Ditch "C" ERB&Co.	332p	115	7.37)	Difference thru Creek
Timpanogus	346p	88	11.70	
Provo Bench US.	402p	140		Raised.
Barton & Young	404p		00	
River Gage	407p	43		
West Union	408p	77	29.64	
Park & Buttal	409p	66	5.96	
Provo Bench LS.	427p	176	93.00	
Provo Res. Canal	448p	246	165.56	
" " Lat.1.	448p		00	

Approx. 7 cfs by Timpanogus Dam.
Made adjustment as per sheet,except Timpanogus--I notify R.W.Brereton of condition of Timpanogus Dam.

Grand Total 440.89 second feet.

August 25, 1921.

UEU&TT.	1026a	64	14.51	
City Creek Weir	1026a	37	7.92	
Timpanogus Tightening dam.				
River gage	1210p	76	28.98	
Provo Bench US.	1216p	144		
Provo Res. Canal	1221p	248	166.2	
" " Lat.1.	1221p		00	
Timpanogus	235p	103	13.60	
Olmstead Flume	312p	534	229.65	Should have 229+(18180 -.5.50)= 235.56

Requested to raised to 542 and will make new measurement when settled.
Raised at 428p.

Olmstead Flume	437p	542
USGS gage	452p	214

25

August 26,1921.
Lower Charleston 710a 110 Cut to 11 cfs.

Snake Creek Tun. 1000a 131 12.20
Snake Creek Opposite
Snake Creek Tunnel 1109a 10.50
Lavina Creek 1142a 33 2.53 4' Rect.

Probst Ditch 1217p 0.94
Mr. Orrock testing out Snake Creek Plant flow not steady-- measurements deferred.
ST.Cr.%Sagebrush 148p 116 28.37
Upper Charleston 223p 13.87
Riv.Midway L.Dam 256p 114 44.54
Island Ditch 320p 10.52
Mid. River Ditch 444p 46 8.40
Wasatch Canal 501p 80 47.25
North Field 502p 56 21.90
Provo Res.Weir 510p 90 27.63
Riv. Was.Dam 525p 28.87 (Below Wasatch Dam.)
Timpanogus 616p 64 24.64

August 27,1921.
Ontario Tunnel 947a 172 19.52
Note: Wasatch Irrig.Co.% North Field are satisfied with amounts they have for present-- so make no change.

Ontario Tunnel water (19.52 - 5.50)
Provo Res Co. % Sego Storage 33.60 + 10.50 to Midway River Ditch = 58.12 - 28.87 (River By Wasatch Dam) = 29.25 to go by Provo Res. Weir = Cht. .935; made adjustment.
Provo Res. Weir 1140a 94 29.61

Brown Well 108p 10.00
Lower Charleston 113p 90
USGS Gage 210p 214
Olmstead Flume 230p 544 229.06 Ordered raised to GHT 550.

August 27,1921.
Timpanogus 419p 104 13.70
UEU%FF. 422p 64 14.51
City Creek 422p 35 7.26
River Gage 432p 42
West Union 434p 76 28.98
Provo Bench US. 438p 142
Provo Res.Canal 442p 227 148.9
" " Lat.1. 442p 56 2.11 / 151.01

August 29,1921.
Adjusting West side.
Tanner West Ditch 325p 00
" East " 326p 00
" Flume " 328p 00
Fort Field Reports shortage., I turn more water thru Lake Bottom Headgate. Clyde Ditch OK.
Brown Ditch 425p 51 Cut off--off schedule.
Lake Bottom 440p 90
I turn water over spill as it arrives and open way to river bed.
Lake Bottom 550p 90
Fort Field 700p 90 6.00
Spen forenoon trying to aarive at arrangement of distribution of cost of installing tailrace gates.

August 30,1921.
Provo Res. Canal 600a 241 159.9
" " Lat.1. 600a 00
Provo Bench US. 615a 144
Timpanogus 622a 106 14.10
UEU%FF 625a 64 14.51
City Creek 625a 45 10.60
Lake Bottom 710a 102

September 2,1921.

Provo Res. Canal.	606a	274	193.8
" " Lat.1.	606a		00
Provo Bench US.	609a	144	
River Gage	614a	46	
West Union	616a	75	28.50
Timpanogus	622a	130	22.70
UPU%FF	640a	64	14.51
City Creek	640a	41	9.25
Lake Bottom Canal	130p	80	

Fort Field Requests to be reduced.
Heavy rainstorm, I distribute excess, leaving Olmstead at 9pm.

Sept.3,1921.
River high.

Provo Res. Canal	641p	270	189.
West Union	650p	88	36.84
River Gage	653p	62	
Provo Bench US.	710p	170	
Timpanogus	715p	110	16.30

Sept.6,1921.

Provo Res. Canal	610a	273	192.6	
" " Lat.1.	610a		00	
Provo Bench US.	614a	170		
River Gage	619a	53		
West Union	621a	82	32.82	
Timpanogus	626a	108	16.00	Raised.
UPU%FF	630a	64	14.51	"
City Creek	630a	42	9.58	"
USGS.gage	300p	242		

Paid J.O.Duke #25; $200.
June $80.
July 150.
August 150.
$380. Mr. Duke has drawn $50. from Bank of Heber City; so in making settlement send J.O.Duke $90. and Bank of Heber City $50.

Wasatch Canal	515p	64	33.48	
North Field	515p	126	79.12	
Timpanogus	530p		00	Turned in
"	545p	55	19.34	

Sept. 7,1921.
Raised Timpanogus Irrig.Co. by request.

Timpanogus	800a	68	26.90
Wasatch Canal	830a	62	31.68
North Field	831a	115	68.40
Sp.Cr.%Sagebrush	915a	108	
Riv.Lower Mid.Dam	920a	126	58.
USGS.Gage	1030a	242	

Provo Res. Canal broke yesterday, water turned out at 11pm. Turning back in to-day at 11;30 a.

Sept.11,1921.
U.P.%.L.Co. have wheel out for repairs. Approx 30cfs over Heiselt Dam. I authorize UP%LCo. to take this water thru flume , that is raise to Ght. 580.

Sept. 13, 1921.

River at USGS.	1000a	231	319.32
South Fork	1125a	110	54.73
Olmstead Flume	105p	551	223.10

Sept. 14,1921.

Provo Bench LS.	915a	196	104.04	
West Union	1000a	64	22.32	Voluntary Reduced.
Park & Nuttal	1002a	71	6.66	
River Gage	1004a	46		
Barton & Young	1007a		00	
Provo Bench US.	1008a	157		
Provo Res. Canal	1015a	268	182.02	
" " Lat.1.	1015a		00	
Timpanogus US.	1036a	96	10.89	
UPU&FF	1053a	61	13.38	
City Creek	1053a	42	(9.58)	
Riv.Bot. "C"	1107a	24	1.23	
Young Ditch	1125a		00	
Baum "	1125a		00	
			340.54	
Tanner West Ditch	107p		00	
Tanner F.Ditch	108p		2.80	
" Flume	115p	80	1.60	
Clyde Ditch	127p	37	2.00	
Brown "	147p		00	
Steve Jones	155p		00	
Partridge	200p		00	
George Taylor	210p		00	
Lake Bottom Can	210p	63	10.54	
Fort Field	233p		00	
Riv.By FT.Fd.	233p		4.85	
			21.79	
Dry Creek	255p	40	3.41	
Tanner Race	307p	48	9.48	
City Race	319p	72	10.10	
Union	335p	56	11.56	
Factory Race	337p	252	55.64	
			86.78	
Dixon Ditch	345p		00	
Waterworks assumed			13.55	
Grand Total			466.07	

Sept. 15,1921.
U.P.&.L.Calls and states 'We want to turn out of flume for repairs' I notify Mr. Wadley of Provo Res. Co., and arrange for U.P.&.L to turn over dam at 3 pm.

Sept.16,1921.
Levels at Olmstead.

Sept. 21,.1921. Topography at Olmstead. See special report.
Sept. 22, 1921. " " "

Sept. 25,1921.

Provo Res. Canal	525p	250	163.
" " Lat.1.	525p	est	4.
Provo Bench US.	530p	144	

Sept. 26,1921.

UPU&FF.	630a	64	14.51
City Creek	630a	51	12.96
River Gage	645a	37	

UP&L. turning out at dam this am.

Sept. 27,1921.
From 5 am to 1pm making adjustments, setting defendants to awards balance to P.R.Canal.

River gage	542p	41	
Provo Bench US.	547p	142	
Provo Res. Co.Us.	606p	130	
Provo Res. Canal	630p	206	131.

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Oct.1. 1921.

River gage	555a	40	
Provo Bench US.	600a	142	
Provo Res. Canal	615a	200	127.

During October canals are kept at approximate awards, except in cases where they have elected to cease useing water. Most of time is spent in office on plans and reports.

Oct. 24, Heavy storms. After 25th clear and cold autumn weather.

Nov. 2,1921.

Timpanogus I.Co.	1054a	26	6.16
" Raised to		56	19.35
Wasatch	12m	54	25.47
North Field	12m	46	16.27

Parties are watering some for fall plowing.

TFW/TFW.

Memorandum.

Field Notes of Ernest Knight 1921.

July 31, 1921.				
South Kamas	543p	91	27.20	
Washington	629p	124	20.20	
Phillips Ditch	635p		1.24	
August 6,				
Washinton	938a	124	20.20	
South Kamas	946a	90	27.	
Larsen&Cutler	953a		4.	
Lemon	212p		00	
Larsen & Bates	245p		2.27	Returned to river before entering Bates.
Bates	306p		00	
Best Ditch	321p		00	
Berg	407p		.50	
North	448p		.76	
Mary F.Davis	515p		00	
Timpanogus	536p	79	34.05	
Wasatch	606p	96	63.22	
North Field	607p	48	17.40	
August 7,1921.				
North Field	1120a	50	18.52	
Wasatch	1121a	100	68.04	
Timpanogus	1147a	86	39.22	
August 10,1921.				
Stewart No.1.	1001a		1.50	Turned dry.
Stewart No.2.	1022a		3.76	" "
Stewart No.3.	1046a		4.60	
James Duncan	1110a		00	
Sunrise	1139a	86	4.40	
Washington	124p	124	20.20	
South Kamas	146p	90	27.00	
August 18,1921.				
Washington	421p	126	21.40	
South Kamas	427p	75	20.00	
Timpanogus	756p	78	33.32	
Wasatch	844p	102	70.20	
North Field	845p	38	12.19	
August 25.				
Wasatch	128p	82	49.23	
North Field	129p	60	24.37	
Timpanogus	157p	97	47.56	
August 31.				
Stewart 1	1002a		00	
" 2	1027a		00	
" 3	1156a		00	
" 4	153p		3.25	
Sunrise	210p	86	4.40	
Washington	314p	125	20.40	
South Kamas	328p	92	27.60	

Provo Reservoir Co.
vs.
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(1)

Tabulation of Flow and Distribution of Provo River ~~for~~ Discharge Observations

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Canal. Lower Station. T.F.W. 15' Rating Flume & Register 1921				Provo Bench Canal Lower Station. (Con) By G. Hooley) 1921						Provo Bench Canal. Upper Station. 16' R.F. (Alonzo Hooley Obsr) 1921			
Date	Time	G.H.	Disc.	Date	Time	G.H.	Disc.			Date	Time	G.H.	Disch
5-14	930a	200	135.—	6-19	1100a	242	177.2			6-12	9a	196	
5-14	1005a	Rainf		6-21	1000a	242	177.2			6-15	7p	196	
5-14	Started Regulate			6-23	815p	242	177.2			6-18	10a	192	
5-17	840a	219	153.6	6-28	5p	246	181.2			6-18	245p	202	
5-29	1130a	224	157.96	6-30	830p	246	181.2			6-19	10a	202	
6-18	1227p	202		[redacted]		x				6-21	11a	204	
6-18	570p	243	182.57	7-16	815a	180	104.			6-23	730p	204	
7-4	Cut			7-26	12m	188	109.4			6-26	730p	204	
7-5	Cut.			7-30	1130a	166	89.2			6-28	6p	208	
7-6	747p	190	115.	8-15	12m	190	107.—			6-30	3p	208	
7-7	145p	174	96.47	8-23	10a	193	108.1			7-4	6p	192	
7-8	830a	174	105.6	10-4		192	100.—			7-7	2p	192	
7-9	840a	176	99.5							7-16	855a	156	
7-11	830a	176	98.—	Upper Station. Provo Bench Canal. (G. Hooley Obsr.) 1921 16' Rating Flume						7-20	530p	182	
7-12	216p	170	96.88							7-26	1100a	162	
7-12	Left M.H.		10.62							7-30	900a	140	
7-25	730a	181	103.46							8-6	830a	144	
7-30	1020a	166	89.—	Date	Time	G.H.	Disch			8-26	800a	140	
8-4	125p	171	92.5	5-1		128				9-15	10a	152	
8-11	207p	176	94.5	5-2		130				10-4		156	
8-15	800a	185	102.32	5-9		136							
8-24	427p	176	93.—	5-11		162				Provo Bench Canal. Upper Station. T.F.W. 1921 16' Rating Flume			
9-14	915a	196	104.04	5-14		168				Date	Time	G.H.	Disch.
(By Alonzo Hooley)				5-16		190				5-14	1030a	178	
5-2		152	93.—	5-19		180				5-22	944a	162	
5-9		146	88.8	5-20	30p	182				5-23	934a	185	
5-16		222	156.5	5-22	12m	182				5-29	1020a	188	
5-19		220	154.6	5-23	1130a	186				6-18	945a	192	
5-20	400p	222	156.5	5-24	1p	190				6-18	1030a	168	
5-23	1215p	220	154.6	5-25	1130a	190				6-19	235p	204	
5-25	1230p	226	160.5	5-29	1145a	190				6-18	740p	204	
5-29	1230p	226	160.5	5-30	6p	190				7-5	1034a	196	
~~6-4~~	~~815p~~			5-31	730p	190				7-5	254p	180	
6-7	815p	228	162.4	6-1	715p	192				7-6	939a	176	
6-4	5p	232	166.3	6-2	7p	194				7-6	524p	160	
6-7	6p	228	162.4	6-4	415p	196				(Continued)			
6-15	745p	232	166.3	6-7	130p	196							
6-18	12m	202	—	6-8	330p	192							
6-18	5p	243	182.57										

Total

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Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
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(2)

Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.	Dec'd Se	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Canal. Upper Station (Con)				Provo Bench Canal. Upper Station (Concluded)						West Union Canal (Concluded)			
~~Date~~ 1921	16' Rating Flume			1921						1921			
Date	Time	G.H.		Date	Time	G.H.				Date	Time	G.H.	Disch.
7-7	821a	160		9-3	6-14a	170				7-30	547p	70	Rain
7-8	850a	155	Cut.	9-14	1008a	157				8-1	626a	68	24.36
7-8	708p	154	Cut 6150	9-25	530p	144				8-1	704a	80	31.50
7-10	575p	148		9-27	547p	142				8-2	1044a	80	31.50
7-11	630p	143		10-1	600a	142				8-4	603p	79	30.84
7-12	406p	145								8-8	651a	77	29.64
7-12	519p	148								8-10	945a	76	28.98
7-15	602a	154		West Union Canal						8-11	222p	78	30.18
7-17	1011a	162		1'x12' Supp. Weir.						8-15	845a	78	30.18
7-18	746a	188		1921						8-19	652p	75	28.50
7-19	743a	188		Date	Time	G.H.	Disc.			8-20	900p	68	24.36
7-21	651a	176		7-4	546p	108	51.36			8-21	Rain	82	32.82
7-22	558a	154		7-5	1000a	106	50.16			8-22	305a	92	39.48 Cut
7-24	826a	150		7-5	Cut.					8-22	815a	78	30.18
7-25	820a	155		7-5	1020a	100	45.36			8-24	408p	77	29.64
7-25	855p	162		7-6	325p	86	35.52			8-25	1212p	76	28.98
7-26	946a	161		7-7	811a	86	35.52			8-27	434p	76	28.98
7-27	639a	160	Cut.	7-7	222p	84	34.08			9-2	616a	75	28.50
7-29	924a	148		7-7	Cut to annual.					9-3	654p	88	36.84
7-29	251p	154		7-8	842a	80	31.50			9-6	624a	82	32.82
7-30	556p	142	Rain	7-9	254a	78	30.18			9-14	1000a	64	22.32
8-1	616a	152		7-10	521p	78	30.18						
8-2	1039a	148		7-11	842a	78	30.18			Park & Nortal Ditch			
8-4	557p	145		7-12	312p	78	30.18			.75'x3 Supp. Weir			
8-6	604a	144		7-15	610a	74	27.84			1921			
8-8	656a	143		7-15	See memo for					Date	Time	G.H.	Disch.
8-10	942a	144			details of Laterals.					7-5	1002a	38	2.51
8-11	240p	143		7-15	Including weirs on					7-5	Weir repaired		
8-11	337p	148			Laterals.					7-11	844a	65	5.29
8-15	856a	151		7-17	1053a	86	35.52			7-12	314p	65	5.29 Cut
8-17	837a	152		7-18	752a	86	35.52			7-25	812a	62	5.28
8-19	656p	146		7-19	754a	86	35.52			8-4	605p	49	3.74
8-22	826a	148		7-21	704a	82	32.82			8-11	222p	52	4.08
8-24	402p	140	Rain	7-22	606a	78	30.18			8-15	846a	23	1.16
8-25	1216p	144		7-24	820a	80	31.50			8-24	409p	66	5.96
8-27	438p	142		7-25	811a	79	30.84			9-14	1002a	71	6.66
8-30	602a	144		7-27	650a	76	28.98						
9-2	609a	144		7-28	850a	78	30.18						
9-3	710p	170		7-28	See memo for details of Laterals. (con)								
Total													

Computations made by ..... 3 **Observations made by** ..... T. F. Wm

Provo Reservoir Co.
vs.
Provo City et al

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Tabulation of Flow and Distribution of Provo River for (3)

NAME	Time	G. H.	Disc.	Dec'd at Ste	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Reservoir Canal. Total of Canal & Lateral #1. 1921				Provo Reservoir Canal. Total of Canal & Lat. #1. 1921 (Concluded)						Provo Reservoir Canal. Exclusive Lat. #1. 1921. (Concluded)			
Date	Time		Disch.	Date	Time		Disch.			Date	Time	G.H.	Disch.
5-22	9-35a		171.94	8-30	600a		159.9			7-24	900a	268	186.8
6-9	800a		189.08	9-2	606a		193.8			7-25	824a	256	173.72
6-18	922a		190.41	9-6	610a		192.6			7-26	943a	251	169.
7-5	1038a		195.40	9-6	1100p	Canal Broke				7-26	945a	Started Pump #1.	
7-6	943a		178.00	9-7	1130a	Back in				7-27	635a	246	166.4
7-9	802a		170.00	9-14	1015a		182.02			7-29	830a	Shirley Pump 283	
7-10	450p		165.3	9-25	520p		167.—			7-30	612p	240	159.
7-11	858a		189.—							8-1	611a	270	189.—
7-12	330p		181.11	Maximum			196.20			8-2	1035a	268	186.8
7-13	829a		180.00	Minimum			145.40			8-4	549p	260	177.—
7-14	1017a		159.00	Mean			177.63			8-6	600a	246	164.4
7-15	557a		196.22							8-8	700a	222	145.4
7-17	948a		189.—	Provo Reservoir Canal. Exclusive Lateral No. 1. 1921. 14' Rating Flume.						8-10	916a	266	184.6
7-18	743a		191.4							8-11	243p	244	162.6
7-19	740a		188.6							8-15	900a	276	192.55
7-21	635a		186.51	Date	Time	G.H.	Disch.			8-17	834a	267	185.7
7-22	554a		189.—	5-22	935a	250	168.—			8-19	600a	260	178.—
7-24	900a		186.8	6-9	800a	270	189.08			8-19	700p	247	165.3
7-25	824a		173.72	6-18	922a	268	186.8			8-22	830a	232	152.6
7-26	943a		169.—	7-5	1038a	272	191.4			8-24	445p	246	165.56
7-26	945a	Shirley Pump #1.		7-6	943a	256	174.—			8-25	1221p	248	166.2
7-27	635a		167.90	7-6	approx 300p	by Dam				8-27	442p	227	148.9
7-29	830a	Shirley Pump 283		7-7	Tightening Dam.					8-30	600a	241	159.9
8-1	611a		189.—	7-8	853a	274	193.8			9-2	606a	274	193.8
8-2	1035a		186.8	7-8	804p	260	178.—			9-3	641p	270	189.—
8-4	549p		179.97	7-9	802a	252	170.—			9-6	610a	273	192.6
8-6	600a		164.4	7-10	450p	247	165.3			9-6	1100p	Canal Broke	
8-8	700a		145.4	7-11	858a	270	189.—			9-7	1130a	Back in	
8-10	916a		184.6	7-12	330p	260	177.11			9-14	1015a	268	182.02
8-11	243p		165.6	7-13	829a	260	178.—			9-25	520p	250	163.—
8-15	900a		191.37	7-14	1017a	240	159.			9-27	630p	206	131.—
8-17	834a		186.52	7-15	557a	276	196.2			10-1	612a	200	127.—
8-19	600a		181.—	7-17	948a	270	189.—						
8-19	700p		168.3	7-18	743a	272	191.4						
8-22	830a		152.6	7-19	740a	266	184.6						
8-24	448p		165.56	7-19	530p	264	182.4						
8-25	1221p		166.2	7-21	635a	264	182.4						
8-27	442p		151.01	7-22	554a	270	189						
	(Dam)				(Dam)								

Total

Computations made by T. H. Wenty 33 Observations made by T. H. Wenty

Provo Reservoir Co.
vs.
Provo City et al

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Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.	Dec'd Se	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Reservoir Co. Lateral. No. 1. Diverts from Canal above Rating Station.				Provo Reservoir Canal. 1921 Rating Curve 14' Rating Flume.									
1921. 2' Rect. Weir.				G.H.	Disch		G.H.	Disch.					
Date	Time	GH	Disch	220	144.00		250	168.—					
5-22	935a	70	3.92	1	144.7		1	169.					
6-9	800a		00	2	145.4		2	170.					
6-18	922a	66	3.61	3	146.1	7	3	171.					
7-5	1038a	up	4.00	4	146.8		4	172.					
7-6	943a	up	4.00	5	147.5		5	173.	12				
7-9	802a		00	6	148.2		6	174.					
7-10	450p		00	7	148.9		7	175.					
7-11	858a		00	8	149.6		8	176.					
7-12	330p		4.—	9	150.3		9	177.					
7-13	829a		4.—	230	151.00	x	260	178.					
7-14	1017a		00	1	151.8		1	179.1					
7-15	557a		00	2	152.6		2	180.2					
7-17	948a		00	3	153.4		3	181.3					
7-18	743a		00	4	154.2		4	182.4					
7-19	740a		4.—	5	155.—	8	5	183.5	11				
7-21	635a	72	4.11	6	155.8		6	184.6					
7-22	554a		00	7	156.6		7	185.7					
7-24	900a		00	8	157.4		8	186.8					
7-25	824a		00	9	158.2		9	187.9					
7-26	943a		00	240	159.—	x	270	189.—					
7-27	635a	up	3.50	1	159.9		1	190.2					
8-1	611a		00	2	160.8		2	191.4					
8-2	1035a		00	3	161.7		3	192.6					
8-4	549p	58	2.97	4	162.6		4	193.8	12				
8-6	600a		00	5	163.5	9	5	195.					
8-8	700a		00	6	164.4		6	196.2					
8-10	916a		00	7	165.3		7	197.4					
8-11	243p		3.00	8	166.2		8	198.6					
8-15	900a	24	0.82	9	167.1		9	199.8					
8-17	834a		0.82	250	168.—		280	201.					
8-19	600a		3.00										
8-19	700p		3.00	9-6 Curve change									
8-22	830a		00										
8-24	448p		00										
8-25	1221p		00										
8-27	442p	56	3.11										
8-30	600a		00										
9-2	606a		00										
9-6	910a		00										
9-14	1015a		00										
9-25	528p	up	4.00										
Total													

Computations made by J. A. Dewey **34** **Observations made by** J. A. Dewey

Provo Reservoir Co.
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Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.	Dec'd Date	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
West River Gage Installed Below West Union Dam. On River													
1921													
Date	Time	G.H.											
7-5	Installed gage.												
7-5	1015a	61											
7-6	330p	30											
7-6	531p	56.											
7-7	815a	45											
7-7	1244p	33											
7-8	847a	39											
7-8	705p	42											
7-9	756a	44											
7-10	519p	36											
7-11	846a	37											
7-11	637p	42											
7-12	324p	41											
7-15	607a	49											
7-17	1020a	71											
7-18	750a	68											
7-19	749a	70											
7-21	658a	42											
7-22	602a	41											
7-24	822a	50											
7-24	400p	47											
7-25	815a	46											
7-26	835a	45											
7-27	643a	37	Raised.										
7-28	844a	38											
7-30	544p	47	Cut.										
8-1	619a	47											
8-1	706a	45											
8-2	1047a	43											
8-4	601p	42											
8-6	609a	42											
8-8	648a	42											
8-10	946a	42											
8-11	227p	45											
8-11	356p	44											
8-15	848a	40											
8-17	842a	40											
	(Con)												

West River Gage. 1921 (Concluded)													
Date	Time	G.H.											
8-19	649p	42											
8-22	822a	42											
8-23	750a	42											
8-24	407p	43											
8-25	1201p	42											
8-27	432p	42											
9-2	614a	46											
9-3	653p	62											
9-6	619a	53											
9-14	1004a	46											
9-26	645a	37											
9-27	542p	41											
10-1	555a	40											

Timpanogas Canal Co. Canal. Two Stations: "Upper" near Land and "Lower" old Station. 7' Rating Flumes.													
1921. Date	Time	G.H.	Disch.										
7-7	Repairing Dam.												
7-7	Cut to award.												
7-8	G.H.	655a	108	19.74									
7-8	Installed gage upper stat.												
7-8	ust.	912a	108	Cut.									
7-8	"	701p	96	15.20									
7-9	~~906a~~	806a	95	15.10									
7-9	ust.	825a	98	15.82									
7-10	ust.	504p	91	14.50									
7-11	"	902a		14.80									
7-12	"	430p	97	15.34									
7-15	"	620a	100	17.30									
7-17	"	952a	106	18.20									
7-18	"	811a	109	20.10									
7-21	"	640a	110	20.30									
7-25	"	130a	Raised										
7-25	"	859a	84	11.94									
7-25	"	917	By Rem.	6.50									
7-25	"	559p	92	14.60									
7-26	Tightening Dam. (Con)												

Timpanogas Canal Co. Canal. 1921 Upper Station.													
Date	Time	G.H.	Disch.										
7-26	940a	82	11.60										
7-29	207p	91	10.47 Rise										
7-30	540p	100	13.60										
7-30	Cleaned flumes												
	mov Rating.												
8-1	733a	125	22.60										
8-2	1051a	127	22.90										
8-4	536p	105	16.47										
8-8	629a	90	12.53										
8-10	930a	91	12.60										
8-11	340p	90	12.53										
8-15	945a	118	19.15										
8-17	850a	115	17.20										
8-19	633p	84	9.50										
8-22	834a	92	12.30										
8-24	346p	88	11.70										
8-24	By Report		7.00										
8-25	Tightening Dam												
8-25	235p	108	13.60										
8-27	419p	104	13.70										
8-30	629a	106	14.10										
9-2	622a	130	22.70										
9-3	715p	110	16.30										
9-6	626a	108	16.00										
9-14	1036a	96	10.89										

Barton & Young Ditch. 1921. .75'x3' Supp. Weir													
Date	Time	G.H.	Disch.										
6-8	moved Weir down Canal.												
7-11	850a	46											
7-12	323p	22	1.08										
7-25	817a	15	0.59										
8-4	559p		00										
8-15	853a	40	2.68										
8-24	404p		00										
9-14	1037a		00										

Total

Computations made by T. F. Waite

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Observations made by T. F. Waite

Provo Reservoir Co.
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Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.	Dec'd Ve
Upper East Union & Fawcett Field Canal.				
June 13, 14, 15. Installed Supp. Weir 1' X 7.80 near Level.				
1921				
Date	Time	G H	Disch.	
7-5	1047a	100	29.48	
7-6	1155a	85	22.70	
7-6	410p	70	16.61	
7-8	924a	75	18.52	
7-9	810a	75	18.52	
7-10	456p	23	17.70	
7-11	1137a	74	18.10	
7-11	1145a	68	15.83	
7-12	411p	68	15.83	
7-15	621a	68	15.83	
7-17	959a	71	16.93	
7-18	805a	80	20.48	
7-21	644a	70	16.61	
7-24	907a	75	18.52	
7-24	430p	70	16.61	
7-25	954a	71	16.93	
7-25	604p	68	15.83	
7-29	830a	68	15.83	
7-30	530p	68	15.83	
8-1	724a	64	14.51	Raised.
8-2	1055a	65	14.74	
8-4	523p	65	14.74	
8-7	320p	52	10.41	
8-7	640p	66	15.17	
8-8	620a	67	15.44	
8-10	934a	68	15.83	
8-11	344p	66	15.17	
8-15	959a	66	15.17	
8-19	626p	65	14.74	
8-22	837a	66	15.17	
8-23	715a	66	15.17	
8-24	330p	64	14.51	
8-25	1026a	64	14.51	
8-27	422p	64	14.51	
8-30	625a	64	14.51	
9-2	640a	64	14.51	
9-6	630a	64	14.51	
9-14	1050a	61	13.38	
9-26	630a	64	14.51	
Total				

Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added
City Creek Weir				
East River Bottom Water Co. et al				
1921	1' X 10' Supp. Weir			
Date	Time	G H	Disch.	
5-14	Putting in Lateral Dams			
5-16	" " Gates.			
6-6	87 Installed 1' x 10' Supp. Weir near head City Creek			
6-10	811 Put 3' Weir Extra 0"			
7-5	1049a	84	28.40	
7-6	404p	40	8.93	
7-8	924a	42	9.58	
7-9	810a	42	9.58	
7-10	456p	38	8.25	
7-11	1137a	38	8.25	
7-12	413p	36	7.60	
7-15	621a	42	9.58	
7-17	959a	63	18.05	
7-18	805a	85	29.10	
7-21	644a	38	8.25	
7-24	907a	55	14.60	
7-24	430p	47	11.43	
7-25	954a	55	14.60	
7-25	604p	38	8.25	
7-29	830a	38	8.25	
7-30	530p	38	8.25	
8-1	724a	37	7.92	
8-2	1055a	33	6.65	
8-4	523p	37	7.92	
8-7	320p	11	1.23	
8-7	Raised amt.			
8-7	640p	45	10.60	
8-8	620a	45	10.60	
8-10	934a	44	10.26	
8-11	344p	34	6.97	
8-15	959a	37	7.92	
8-19	626p	30	5.76	
8-22	837a	41	9.25	
8-23	715a	35	7.26	
8-24	330p	42	9.58	
8-25	1026a	37	7.92	
8-27	422p	35	7.26	
8-30	625a	45	10.60	
9-2	640a	41	9.25	
9-6	630a	42	9.58	
9-14	1050a	42	9.58	
9-26	630a	51	12.96	

Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Young Ditch			
1921			
Date	Time	G H	Disch.
7-12	1138a		0.10
7-25	1019a		00
8-4	450p		0.10
8-15	1034a		00
8-24	250p		00
9-14	1125a		00
George Brown Ditch			
1921	Weir Out		
Date	Time		Disch.
7-12	1138a		00
7-25	1019a		00
8-4	450p		00
8-15	1034a		00
8-24	250p		00
9-14	1125a		00
Dixon Ditch			
1921			
Date	Time		Disch.
7-12	1129a		00
7-25	1049a		00
8-4	300p		00
8-24	235p		00
9-14	345p		00
Little Dry Creek			
1921	4' Cipp Weir		
Date	Time	G H	Disch.
7-9	1022a	66	7.22
7-12	834a	62	6.57
7-21	303p	74	8.57
7-25	159p	74	8.57
8-2	1159a	75	8.75
8-4	400p	66	7.22
8-15	239p	67	7.39
8-24	201p	67	7.39
9-14	255p	40	3.41

Computations made by J. F. Wentz 36 Observations made by J. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al } **2888 Civil** (5)

Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.
Provo City.			
Total of City Race, Tanner Race, Factory Race & East Union.			
1921			
Date	Time		Disch.
7-5	approx 300 cfs Cty Tanner Race Dams		
7-7	a		63.50
7-8	p		62.10
7-9	a		76.26
7-11	p		53.48
7-12	a		66.07
7-21	p		67.10
7-25	a		69.11
7-29	p		56.50
8-2	a		69.66
8-4			60.20
8-15	a		65.11
8-24	p		65.94
9-14	p		86.78
See River page for index of Flow to City.			
City Race			
1921	8' Rating Flume.		
Date	Time	G.H.	Disch.
7-5	610a	56	6.60
7-5	110p	102	19.—
7-6	735a	58	7.00
7-7	617a	68	9.10
7-9	902a	84	13.10
7-11	327p	46	4.60
7-12	1057a	72	13.89
7-21	229p	82	12.6
7-22	647a	60	7.4
7-25	1035a	104	19.01
7-29	124p	54	6.20
8-2	1115a	76	11.1
8-4	244p	62	7.80
8-15	1051a	64	8.25
8-18	757a	56	6.6
8-24	222p	68	9.10
9-14	319p	72	10.10
Total			

Dec'd Use	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added
Provo City.					
East Union Canal.					
1921	1' X 7.73 Supp. Weir.				
Date	Time	G.H.	Disch.		
7-5	622a	88	23.73		
7-6	747a	88	23.23		
7-7	622a	46	8.54		
7-9	907a	64	14.38		
7-11	327p	56	11.56		
7-12	1116a	62	13.60		
7-21	235p	62	13.60		
7-22	639a	68	15.69		
7-25	1049a	86	22.88		
7-29	12p	43	8.84		
8-2	1119a	58	12.20		
8-4	254p	52	10.32		
8-15	1145a	56	11.56		
8-18	800a	55	11.29		
8-22	635a	48	8.65		
8-23	635a	50	9.76		
8-24	228p	56	11.56		
9-14	335p	56	11.56		
Factory Race					
1921	15' X 14' Supp. Weir.				
Date	Time	G.H.	Disch.		
7-5	626a	110	31.	Rating Flume.	
7-6	743a	278	37.16		
7-7	625a	226	35.76		
7-9	909a	234	41.64		
7-11	329p	218	30.72		
7-12	1116a	220	31.98		
7-21	232p	222	33.24		
7-22	640a	233	40.80		
7-25	1058a		10.98		
7-29	131p	223	33.80		
8-2	1124a	230	38.70		
8-4	254p	220	31.98		
8-15	1107a	230	38.70		
8-18	803a	226	32.76		
8-22	637a	218	30.72		
8-23	637a	222	33.24		
8-24	230p	230	38.70		
9-14	337p	252	55.64		
Inaccurate allowance made for leakage around Weir					

Cut off Weir = 4.150

Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo City.			
Tanner Race			
1921	1' X 8.0 Sup. Weir		
Date	Time	G.H.	Disch.
7-9		40	7.14
7-11	316p	38	6.60
7-12	1040a	38	6.60
7-21	254p	42	7.66
7-25	148p	68	16.24
7-29	115p	42	7.66
8-2	1139a	42	7.66
8-4	240p	50	10.10
8-15	254p	38	6.60
8-24	210p	34	5.58
9-14	300p	48	9.48
Provo City.			
Water Works.			
1921			
Date	Time	Disch.	
7-23	12m	13.55	
Referred by [illegible]			
Fort Field Canal.			
1921	2.5' Rating Flume		
Date	Time	G.H.	Disch.
7-12	804a	63	2.80
7-13	550a	85	5.40
7-14	815a	93	6.30
7-21	321p	93	6.30
7-25	215p	78	4.72
8-4	417p	74	4.30
8-15	215p	85	5.43
8-24	125p	64	3.30
8-29	720p	90	6.00
9-2	Requests to be added		
9-14	233p		[illegible]

Computations made by ..... 37 Observations made by .....

Provo Reservoir Co.
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Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.

Lake Bottom Canal.

1921. 10' Rating Flume

Date	Time	G.H.	Disch.
5-5	Open Canal Regulating Inlet Measuring Device		
5-6	Turned Plow Off Device		
5-10	Started out Device.		
5-16	Continuing Weir.		
7-7	Spilling.		
7-7	Cut at Lot Land set gate.		
7-9	9459	112	19.36
7-12	9009	112	19.36
7-14	600a	97	
7-21	214p	110	
7-25	1113a	135	15.63
8-4	327p	130	10.52
8-15	1134a	102	15.58
8-24	1226p	85	11.55
8-29	440p	90	
8-29	550p	90	
8-30	710a	102	
9-2	130p	80	
9-14	210p	63	10.54

Spring Creek.

Total diverted by Spring Creek Ditches.

1921

Date	Time	Disch.
7-12	a	13.80
7-25		11.74
8-4	p	3.89
8-15	p	9-18
8-24	a	11.17
9-14	p	6.40

For details see memo.

Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added

River Below Fort Field Canal. Dam.

1921

Date	Time		CFS.
7-12	800a	est	2.00
7-13	550	"	2.00
7-21			2.50
7-25	226p	"	1.25
8-4	424p	"	0.80
8-15	215p		2.50
8-24	1247p		0.25
9-14	233p		4.85

Utah Power & Light Co.

Olmstead Flume

Dormon Station.

9.8' Wide, Area = .8739!

1921

Date	Time	G.H.	C.F.S.
7-7	910a	47r	214.51
7-7	Bank full	490	
7-8	Bulkhead in		
7-8	1030a	518	220.51
7-8	1120a	530	Raised
7-10	Bank full	535	
7-11	950a	535	233.54
7-19	Turned out for repairs		
7-19	545p		Back in
7-25	Regulated & Cut back	450r	
8-4	700p	532r	230.00
8-4	Ordered raised	534	
8-25	312p	534	229.65
8-25	420p		Raised
8-25	430p	54r	
8-27	224	54r	229.06
8-27	Ordered Raised	550	
9-13	105p	551	223.10
9-15	Turned out for Repairs		
9-26	" " " Down		

this amt.

Ent. Tot.	Correction at Station Add.	Ded.	G. H.

Utah Valley Summary 1921

Date	Bird Lake		Total Utah Valley
7-12	470.06	20	472.06
7-25	480.65	1.25	481.93
8-4	445.96	.80	446.76
8-15	486.19	2.50	488.69
8-24	440.64	0.25	440.89
9-14	461.22	4.85	466.07

U.S.G.S. Station on River at Vivian Park Bridge

1921

Date	Time	G.H.	C.F.S.
5-23	734p	390	
6-9	920a	570	
6-20	1020a	434	
6-21	745p	414	
7-8	1133a	230	
7-8	626p	225	
7-13	900a	222	
7-20	849a	219	
8-22	932a	212	
8-25	452p	214	
8-27	210p	214	
9-6	300p	242	
9-7	103a	242	
9-13	1000a	231	319.32

U.S.G.S. Station on South Fork.

9-13	1125a	110	54.73

Total

Computations made by T. F. Wentz

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Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

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Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.	Dec'd No	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal.													
1' X 18' Suppressed Weir.													
1921 T. F. Wanf Obsr.													
Date	Time	G.H.	Cfs.										
5-22	345p	102	70.20										
7-8	201p	112	82.08										
7-13	202p	116	86.40										
7-14	232p	113	82.98										
7-20	1129	98	65.70										
7-20	Part of Washed Dam out.												
7-27	533p	92	59.22										
8-6	1149a	104	72.72										
8-17	134p	112	82.08										
8-22	126p	102	70.20										
8-26	504	80	47.25										
9-6	515p	64	33.48										
9-7	830a	62	31.68										
11-2	12m	54	25.47										
Observations by J. H. Clegg:-													
7-18	~~11~~	118	89.10										
7-20		98	65.70										
7-21		122	94.50										
7-22		124	96.48										
7-23		120	91.35										
7-24		110	79.56										
7-26		100	68.04										
7-27		92	59.22										
7-28		88	55.26										
7-29		76	43.47										
7-30		92	59.22										
7-31		96	63.72										
8-1		118	89.10										
8-2		114	84.06										
8-3		96	63.72										
8-4		108	77.04										
8-5		108	77.04										
8-6		104	72.72										
8-7		96	63.72										
8-8		100	68.04										
8-9		118	89.10										
8-10		112	82.08										
Wasatch Canal.													
1921 J. H. Clegg obsr.													
Date	Time	G.H.	Cfs.										
8-11	~~11~~	110	79.56										
8-12		106	75.24										
8-13		110	79.56										
8-14		128	91.16										
8-15		118	89.10										
8-16		116	86.40										
8-17		114	84.06										
8-18		110	79.56										
8-19		104	72.72										
8-20		100	68.04										
8-21		94	61.29										
8-22		92	59.22										
8-23		104	72.72										
8-25		108	77.04										
8-25 Out		94	61.29										
Observation By Henry Baird													
5-15	1000a	80	47.25										
5-18	312p	90	57.24										
5-20	12m	96	63.72										
5-21	202p	104	72.72										
5-30	200p	100	68.04										
6-1	1120a	100	68.04										
6-7	1100a	96	63.72										
6-7	12m	86	53.28										
6-7	930p	60	30.15										
6-13	1100a	60	30.15										
6-14	939	74	41.76										
6-15	12m	100	68.04										
6-16	1030a	120	91.35										
6-22	600p	122	94.50										
6-25	12m	126	99.00										
7-2	530p	122	94.50										
7-2	300p	106	75.24										
7-10	100p	110	79.56										
7-13	1000a	120	91.35										
7-16	1000a	130	104.95										
7-16	245	114	84.06										
7-20	520p	100	68.04										
Wasatch Canal.													
Henry Baird obsr.													
1921													
Date	Time	G.H.	Cfs.										
7-23	630p	108	77.04										
7-27	300p	98	65.70										
7-29	900a	90	57.24										
8-1	110p	122	94.50										
8-2	500p	112	82.08										
~~8-4~~	~~106~~	~~75~~											
8-4		106	75.24										
8-22	126p	102	70.20										
9-28	945a	56	26.91										
10-16	429p	60	30.15										
10-28	1100a	70	38.34										
10-28	230p	62	31.68										
North Field Canal.													
1.5' X 15' Supp. Weir.													
1921 T. F. Wost-2 Obsr.													
Date	Time	G.H.	Sec-ft										
7-8	203p	106	60.30										
7-13	203p	112	65.55										
7-14	234p	107	61.05										
7-20	1113a	82	39.60										
7-27	524p	68	29.70										
8-6	1150a	53	20.19										
8-17	135p	42	14.14										
8-22	128p	36	11.25										
8-26	502p	56	21.90										
9-6	515p	126	79.12										
9-7	831a	115	68.40										
11-2	12m	46	16.27										
Total													

Computations made by T. F. Wanf **39** **Observations made by** T. F. Wanf, J. H. Clegg, Henry Baird

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

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Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.
North Field Canal. 1.5' x 15' Supp. Weir			
1921 J. H. Clegg. Obsr.			
Date	Time	G.H.	C.F.S.
7-18	124	77.25	
7-20	82	39.60	
7-21	116	69.15	
7-22	120	73.05	
7-23	116	69.15	
7-24	96	51.00	
7-26	74	33.75	
7-27	68	29.70	
7-28	48	17.40	
7-29	40	13.12	
7-30	50	18.52	
7-31	54	20.77	
8-1	82	39.60	
8-2	68	29.70	
8-3	50	18.52	
8-4	54	20.77	
8-5	52	19.57	
8-6	50	18.52	
8-7	50	18.52	
8-8	40	13.12	
8-9	50	18.52	
8-10	48	17.40	
8-11	48	17.40	
8-12	44	16.50	
8-13	44	16.50	
8-14	60	24.37	
8-15	40	13.12	
8-16	40	13.12	
8-17	40	13.12	
8-18	40	13.12	
8-19	38	12.20	
8-20	38	12.20	
8-21	36	11.25	
8-22	34	10.32	
8-23	50	18.52	
8-25	64	27.72	
Total			

Dec'd Date	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added
North Field Canal.					
1921. Henry Baird Obsr.					
Date	Time	G.H.	C.F.S.		
6-1	1120a	140	93.45		
6-7	1200m	140	93.45		
6-7	930p	140	93.45		
7-2	530p	140	93.45		
7-2	300p	100	54.60		
7-10	100p	108	61.95		
7-13	1000a	120	73.05		
7-16	1000a	140	93.45		
7-16	245p	110	63.60		
7-20	530p	112	65.55		
7-27	200p	72	32.40		
7-29	920a	46	16.27		
8-1	10p	66	28.35		
8-2	500p	52	19.57		
8-4		52	19.57		
8-22	128p	36	11.25		
9-28	959	66	28.35		
10-16	427p	52	19.57		
10-28	1100a	60	24.37		
10-28	230p	52	19.57		
Provo Reservoir Co. Weir Near Wasatch Dam. T.F.W.					
1921 1.5' x 9' Supp. Weir.					
Date	Time	G.H.	C.F.S.		
7-13	Turned.		5.00		
7-16	230p	Turned 102	33.84		
7-20	1131a	84	24.84		
7-20	Part of Wasatch Dam out				
7-27	540p	66	17.01		
8-6	1140a	86	25.74		
8-17	142p	108	37.17		
8-22	141p	100	32.76		
8-26	510p	90	27.63		
8-27	1140a	94	29.61		
7-27	201p	70	18.63	Baird	
7-29	920a	82	23.76	"	
8-22	141p	100	32.76	"	
8-28	1000a	25	3.92	"	
10-16	572p	10	0.90	"	
10-28	1120a	10	0.90	"	

Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Res. Co. Weir Near Wasatch Dam. J. H. Clegg Obsr.			
1921 1.5' x 9' Supp. Weir.			
Date	Time	G.H.	C.F.S.
7-18		112	39.33
7-20		80	22.95
7-21		82	23.76
7-22		80	22.95
7-23		82	23.76
7-24		80	22.95
7-26		76	21.06
7-27		76	21.06
7-28		80	22.95
7-29		84	24.84
7-30		86	25.74
7-31		94	29.61
8-1		120	43.83
8-2		108	37.17
8-3		90	27.63
8-4		98	31.68
8-4 Cut to		88	26.68
8-5		88	26.68
8-6		86	25.74
8-7		80	22.95
8-8		82	23.76
8-9		90	27.63
8-10		98	31.68
8-11		98	31.68
8-12		98	31.68
8-13		100	32.76
8-14		116	41.49
8-15		112	39.33
8-16		110	38.16
8-17		108	37.17
8-18		104	34.92
8-19		100	32.76
8-20		98	31.68
8-21		92	28.62
8-22		92	28.62
8-23		98	31.68
8-25		108	36.18

Computations made by T. F. Wentz

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Observations made by Henry Baird, T. F. Wentz, J. H. Clegg

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

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Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.
Timpanogos Irrigation Company.			
1' x 13.25 Supp Wir			
1921, Fr Wier obsr			
Date	Time	G.H.	cfs.
6-21	745a	106	53.26
7-8	220p	107	55.92
7-13	218p	104	53.53
7-27	703p	96	46.90
8-6	1124a	86	39.22
8-17	200p	88	40.68
8-17	205p	91	42.57
8-22	247p	68	26.90
8-26	616p	64	24.64
9-6	530p		Rained
9-7	Rained		
9-7	800a	68	26.90
11-2	1054a	26	6.16
11-2	1254 Rain	56	19.35
Observations by Henry Baird			
7-29		98	48.36
8-22	247p	68	26.90
9-28	1142	50	16.73
10-16	444p	38	10.93
10-28	1100p	Rained	
	79	48	15.70
Observations By J.H. Clegg			
7-18		116	63.60
7-20		106	55.38
7-21		104	53.53
7-22		106	55.38
7-23		104	53.53
7-24		104	53.53
7-26		104	53.53
7-27		96	46.90
7-28		96	46.90
7-29		96	46.90
7-30		76	32.00
7-31		78	33.32
8-1		90	42.13
8-2		90	42.13
8-3		90	42.13
8-4		84	37.63
8-5		88	40.68
Total			

Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added
Timpanogos Irrigation Co.					
1' x 13.25' Supp Wir.					
1921, J.H. Clegg obsr (Con.)					
Date	Time	G.H.	cfs.		
8-6		86	39.22		
8-7		86	39.22		
8-8		78	33.32		
8-9		82	36.24		
8-10		82	36.24		
8-11		82	36.24		
8-13		84	37.63		
8-14		94	45.11		
8-15		94	45.11		
8-16		92	43.59		
8-17		90	42.13		
8-18		88	40.68		
8-19		78	33.32		
8-20		78	33.32		
8-21		70	28.22		
8-22		70	28.22		
8-23		78	33.32		
8-25		88	40.68		
Ontario Tunnel.					
1921 4.8' Rating Flume.					
Date	Time	G.H.	cfs.		
7-13	304p	178	21.26		
8-6	1059a	172	19.81		
8-27	947a	172	19.52		
Mid way River Ditch.					
1921 8' Cipp. Wir.					
Date	Time	G.H.	cfs.		
7-8	By Dam		10.—		
7-8	402p	74	17.15		
7-13	142p	75	17.49		
7-14	217p	78	18.55		
7-27	507p	70	15.77		
8-6	1205p	64	13.79	Cut.	
8-26	444p	46	8.40		

Ent. Tot.	Correction at Station Add.	Ded.	G. H.
By Midway Lower Dam			
Natural Channel.			
1921			
Date	Time	G.H.	cfs.
7-13		42	10.—
7-27	937a	105	34.62
8-6	327p	106	35.7
8-17	1140a	120	51.—
8-22	1120a	114	44.54
8-22	Installed mergage		
8-26	26p	114	44.54
9-7	920a	126	58.—
J. C. Brown Well			
1921			
Date	Time	G.H.	
6-9	1130a	6.3	
6-10	1050a	3.4	
7-5	527p	5.7	
8-17	1035a	7.8	
8-27	108p	10.0	
Spring Creek & Sagebrush			
1921 9' Rating Flume.			
Date	Time	G.H.	cfs.
7-8	438p	125	
7-13	1115a	110	
8-6	143p	108	29.47
8-17	1129a	115	
8-22	1145a	105	
8-26	148p	116	28.37
9-7	915a	108	
Charleston Upper Canal.			
1921 Weir out			
Date	Time	G.H.	cfs.
7-13	1102a	60	
8-6	22p		18.72
8-22	1132a		16.72
8-26	22p		13.87

Computations made by D. Alverts

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Observations made by D. Alverts

Provo Reservoir Co.
vs.
Provo City et al

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Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.	Dec'd Ne
Snake Creek				
1921. 7-27-21				
Name	Time	G H	Disc.	
West Bench	1107a		10.05	
Mound Ditch	1127a		2.48	
Huber Creek Ditch	1139a		00	
Huber Lower	1141a		2.20	
" upper	1148a		1.44	
Perkins	1204p		1.58	
Snake Creek Tunnel	1254p	127	11.59	
" " open "	2mp		12.12	
Loring Creek	254p	open	8.00	
Snake Creek at Fall	344p		23.32	
Pine Creek Ditch	430p	150	4.32	
Wilson Ditch	436p	57	3.92	
Total Snake Creek			49.31	
8-26-21				
Snake Creek Tunnel	1100a	131	12.20	
" " open "	1109a		10.50	
Loring Creek	1129a	33	2.53	
Perkins Ditch	1217p		0.94	
Testing Power Plant.				
Charleston Lower Canal				
1921 8' Parshall flume.				
Date	Time	G H	Cfs.	
6-9	Lower Weir			
7-8	536p	78		
8-17	Out for cleaning			
8-22	1030a	120	18.05	
8-26	7109	110		
8-26	Out		11.00	
8-27	113p	90		

Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added
Wasatch Canal.				
1921 Ernest Knight obsr				
Date	Time	G H	Sq ft.	
8-6	606p	96	63.22	
8-7	1121a	100	68.04	
8-18	844p	102	70.20	
8-25	128p	82	49.23	
North Field Canal.				
1921 Ernest Knight, obsr.				
Date	Time	G H	Sq ft.	
8-6	607p	48	17.40	
8-7	1120a	50	18.52	
8-18	844p	38	12.19	
8-25	129p	60	24.37	
Washington Canal.				
1921 Ernest Knight obsr.				
Date	Time	G H	Sq ft.	
7-31	629p	124	20.20	
8-6	935a	124	20.20	
8-10	124p	124	20.20	
8-18	427p	128	21.40	
8-31	314p	125	20.40	
South Kamas Canal.				
1921 Ernest Knight obsr.				
Date	Time	G H	Sq ft.	
7-31	543p	91	27.20	
8-6	946a	90	27.—	
8-10	146p	90	27.—	
8-18	427p	75	20.—	
8-31	327p	92	27.60	
Sunrise Canal.				
1921 Ernest Knight obsr.				
Date	Time	G H	Sq ft.	
8-10	1139a	86	4.40	
8-31	210p	86	4.40	

Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Timpanogos Irrig. Co. Canal.			
1921 Ernest Knight obsr.			
Date	Time	G H	Sq ft.
8-6	536p	79	34.05
8-7	1147a	86	39.22
8-18	756p	78	33.32
8-25	15p	97	47.56

Total

Computations made by Ernest Knight / J G Wentz **4** **Observations made by** J G Wentz / Ernest Knight.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

CLASS "A" RIGHTS.
Outline of Distribution
June 20 to July 20, 1921.

Tabulation of Flow and Distribution of Provo River for .....

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
West Union Canal. (Includes, W.U. C.Co, Smith D.CO. & C.D.Co)				30.29	..	..	30.29			30.29			
Park & Nuttal and Barton & Young Ditches.				2.49	..	..	2.49			2.49			
Timpanogus Canal Co.				12.83	2.	..	14.83			14.83			
Upper East Union and Faucett Field.				13.73	2.	..	15.73			15.73			
Cluff, Dixon et al Ditches Group "B" of Schedule				1.92	..	..	1.92			1.92			
East Riv. Bot. Water Co. et al Group "A" of Schedule				6.95	..	..	6.95			6.95			
Provo City, exclusive waterworks.				59.18	..	..	59.18			59.18			
Provo City waterworks Unless otherwise shown				8.00	..	..	8.00			8.00			
Little Dry Creek				7.67	..	..	7.67			7.67			
Fort Field				6.38	..	..	6.38			6.38			
Lake Bottom C.Co., Utah Idaho Sugar Co., and Alma Jorgensen				14.17	..	..	14.17			14.17			
Spring Creek Users Group "A" and "B"				5.70	..	..	5.70			5.70			
Provo B.C.& I.CO.				68.77	6.	..	74.77						
Provo Res.Co., Caleb Tanner, and JD.Dixon, thru Provo Bench Canal				25.50	..	..	25.50			100.52			
Caleb Tanner Par.30of Decree				.25	..	..	.25						
Provo Reservoir Canal; Blue Cliff [redacted] 50.00													
Dixon 2.50													
Wrightestate 1.81													
Sub-total 54.31 less the 25.50 thru Provo Bench										28.81			
Round Valley Creek as shown,													
Tanner Drain as shown,													
Tunnel Water as shown,													
P.R.Storage as shown,													
Sego storage as shown,													
Weber River as shown,													
Preliminary totals										302.64			

The quantity of Provo Res. Co., et al thru the Provo Bench is based as follows Provo Res. Co., 180.38 shares P.B. Stock; 242.33 Shares N.Union, and 563.33 Prov. Res. Co. shares; John D.Dixon 42 shares P.B.Stock and 8 shares N.Union; Caleb Tanner 75 shares P.B.Stock.(Caleb Tanner in N.Union is incl. in P.R. Co. amount.)

Total TFW½TFW.

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

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

CLASS "A" RIGHTS.
Outline of Distribution.
July 20 to September 1st, 1921.

Tabulation of Flow and Distribution of Provo River for

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
West Union Canal. (Includes, W.U.C.CO., Smith D.Co. and C.D.CO.)				27.23	..	..	27.23			27.23			
Park & Nuttal and Barton & Young Ditches.				2.18	..	..	2.18			2.18			
Timpanogus Canal Co.				11.29	2.	..	13.29			13.29			
Upper East Union and Faucett Field.				12.31	2.	..	14.31			14.31			
Cluff, Dixon, et al.Ditches Group "B" of schedule.				1.72	..	..	1.72			1.72			
East River Bot.Water Co.et al. Group "A" of schedule				6.12	..	..	6.12			6.12			
Provo City exclusive Waterworks.				55.91	..	..	55.91			55.91			
Provo City Waterworks unless otherwise shown				8.00	..	..	8.00			8.00			
Little Dry Creek				6.75	..	..	6.75			6.75			
Fort Field				5.74	..	..	5.74			5.74			
Lake Bot. Can. Co.,Utah Idaho Sugar Co., and Alma Jorgensen				12.75	*	*							
Spring Creek Users, Groups "A" and "B".				4.90	..	..	4.90			4.90			
P.B.C.&.I.Co.				61.89	6.	..	67.89						
Provo Res. Co.,Caleb Tanner and J.D.Dixon,thru Provo Bench Canal				22.90	..	..	22.90			91.04			
Caleb Tanner,Par 30 of Decree				.25	..	..	.25						
Provo Reservoir Canal:													
Blue Cliff	50.												
Dixon	2.50												
Wright Est.	1.81												
Sub-total	54.31	less the		22.90	thru	Provo	Bench			31.41			
Round Valley Creek as shown;													
Tanner Drain as shown;													
Tunnel Water as shown;													
P.R.Storage as shown;													
Sego storage as shown;													
Weber River as shown;													
Total													

For basais of quantity of Provo Reservoir Company et al, see sheet of outline of Distribution June 20 to July 20.

TFW/TFW.

Computations made by ..... 44 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

CLASS "A" RIGHTS.
Outline of Distribution..

Tabulation of Flow and Distribution of Provo River for September 1st to end of Season 1921.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
West Union Canal. Includes W.U.C.Co., Smith Ditch Co., and Carter Ditch Co.)				27.14	..	..	27.14			27.14			
Park & Nuttal and Barton & Young Ditches.				1.96	..	..	1.96			1.96			
Timpanogus Canal Co.				11.29	2.	..	13.29			13.29			
Upper East Union and Faucett Field.				12.19	2.	..	14.19			14.19			
Cluff, Dixon et al Ditches, Group "B" of schedule				1.72	..	..	1.72			1.72			
East Riv.Bot.Water co. etal. Group "A" of schedule				5.69	..	..	5.69			~~1.72~~ 5.69			
Provo City exclusive waterworks				53.05	..	..	53.05			53.05			
Provo City Waterworks unless otherwise shown				8.	..	..	8.00			8.00			
Little Dry Creek				6.75	..	..	6.75			6.75			
Fort Field				4.59	..	..	4.59			4.59			
Lake Bot. Can. Co., Utah Idaho Sugar Co., and Alma Jorgensen				10.20	*	*							
Spring Creek Users, Groups "A" and "B".				4.40	..	..	4.40			4.40			
Provo Bench C.&.I.CO,				61.89	6.	..	67.89						
Provo Res. Co et al thru Provo Bench, same as sheet of July 20 to Sept. 1st				22.90			22.90			91.04			
				~~25.50~~ .25			~~25.50~~ .25						
Provo Reservoir Canal; Blue Cliff 50. Dixon 2.50 Wright estate 1.81 54.31 less the 22.90 thru Provo Bench										31.41			

Round Valley as shown;
Tanner Drain as shown;
Tunnel water as shown;
P.R.Storage as shown;
Sego storage as shown;
Weber River as shown:

For basis of quantity of Provo Reservoir Co. et al; see sheet of Outline of Distribution of June 20 to July 20.

Total TFW/TFW.

Computations made by ..... 45 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 12. 1921.

NAME	Time	G. H.	Disc.	Dec'd at Sta.	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Spring Creek Ditch	a		7.80	5.70	—	—				5.70		2.10	
Fort Field Canal	804a	63	2.80	6.38						6.38	1.58		
By Fort Field	800a		2.00										
Lake Bellom Canal	900a	112	19.36	14.17	—	—				14.17		5.19	
Dry Creek	834a	62	6.57	7.67	—	—				7.67	1.10		
Provo Rice	1040a	38	6.60										
City Rice	1057a	72	13.89										
Union	1116a	62	13.60										
Pacific	1118a	220	31.98										
			66.07	59.18	—	—				59.18		6.89	
Lyon Ditch	1127a		00										
Young "	1135a		0.10										
Bellom "	1138a		00	1.92						1.92	1.82		
Forte "	1144a		00										
Provo Canal Co.	216p	170	96.88	100.57	6-					100.57	3.64		
West Union	312p	78	30.18	30.29	—	—				30.29	0.11		
Park & Mutual	314p	65	5.79	2.49						2.49		3.30	
River Gage	321p	41											
Bolm Dry Gulch	322p	22	1.08	00						00		1.08	
Provo Canal	320p	260	177.12	192.68						192.68	11.57		
" " Left #1	320p		4.00										
Provo Canal Wt.	406p	145											
Wt. Mt. Fk.	411p	68	15.83	13.73	2					15.73		0.10	
City Creek	413p	36	7.60	6.95	-					6.95		0.65	
Temperance	420p	97	15.34	12.83	2					14.83		.51	
Waterworks canal			13.55	13.55						13.55	—	—	
Total			472.06							472.06	198	198	

Computations made by J. G. Wentz 46 Observations made by J. G. Wentz

Provo Reservoir Co.
vs. **2888 Civil**
Provo City et al

Tabulation of Flow and Distribution of Provo River for July 25 1921.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Res Conf	730a	181	103.46	85.04	6		91.04	10%	8.50	99.54			
West Union	811a	79	30.84	27.23	4		31.23		2.70	33.93			
Park & Nuttall	812a	62	5.25	2.18			2.18		.20	2.38			
Rock Gorge	815a	46											
Balm & Henry	817a	15	0.59										
Provo Bench Eff.	820a	155											
Timpanogos Eff.	859a	84	11.94	11.29	2		13.29		1.10	14.39			
B. Pump Conn	917a	est	6.50										
Up P. L. Co to Cut Flume & B. Eff 53 2.													
U.E.U.&T.Fd.	954a	71	16.93	12.31	2		14.31		1.20	15.51			
Cobb Creek	954a	55	14.60	7.84			7.84		.80	8.64			
U.E. Union	1010a	142	16.20										
Henry Ditch	1019a		0-0										
Balm "	1019a		0-0										
Dixon "	1047a		0-0										
City Race	1035a	104	19.01										
Union	1049a	86	22.85										
Factory Race	1050a	180	10.98										
Tanner "	1488	68	16.24										
			69.11	55.91			55.91		5.60	61.51			
Dry Creek	1598	24	8.57	6.75			6.75		.70	7.45			
Fort Field	2148	78	4.72	5.74			5.74		.60	6.34			
By Fort Ft.	2148	est	1.25										
West Side S. Fork.													
Bang Tayler d.	1110a		0-0										
Partridge d.	1130a	est	0.10										
Burnt Ditch	1141a	39	2.61										
Sling Jones	1152a		0-0										
Cly & Ditch	1205p	32	1.60										
Palmer W. Ditch	1219p	95	6.23										
" E. "	1221p	est	1.00										
" Flume	1224p	est	0.20										
			11.74	4.90			4.90		.50	5.40			
Lake Bellm Pump	1113a	135	15.63	12.75			12.75		1.30	14.05			
Provo Res Conf	824a	256	173.22	190	Conf Cap.		190.00			190.00			
" " Lake	824a		0-0										
Reserve										9.24			
Out Total			468.38				435.94			468.38			
Waterworks			13.55							13.55			
Total			481.93							481.93			

55 feet below Pump in P. R. Conf

Computations made by J. F. Wentz **Observations made by** J. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for August 4. 1921.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Ld.	125p	171	92.50	85.04	6					91.04		1.46	
City Race	244p	62	7.80										
Union	250p	52	10.32										
Fairly Race	252p	220	31.98										
Farmer Race	240p	50	10.10										
			60.20	55.91	—	—				55.91		4.29	
Dixon Ditch	30p		00										
Young "	457p		0.10	1.72						1.72	1.62		
Bellum "	452p		00										
Tooele Ditch under City Creek Weir.													
U&M Ditch.	523p	65	14.74	14.31	2					14.31		0.43	
City Creek	523p	37	7.92	6.12	—	—				6.12		1.80	
Imperial U&M.	530p	105	16.47	11.29	2					13.29		3.18	
Provo Res Canal	549p	260	177.00	191.27						191.27	11.30		
" " Lat #1.	549p	58	29.7										
Provo Bench U&M	557p	145											
Baker & Young	557p		00										
Park & Duell	605p	49	3.74	2.18						2.18		1.56	
River Gage	60p	42											
West Union	603p	79	30.84	27.23						27.23		3.61	
Spring Creek	p		3.89	4.90						4.90	1.01		
Lake Bottom Canal	327p	130	10.52	12.75						12.75	2.23		
Dry Creek	402p	66	7.22	6.75						6.75		0.47	
Fort Field	417p	74	4.30	5.74						5.74	1.44		
By " "	425p	42	0.80	00						00		0.80	
Waterworks Canal			13.55	13.55						13.55	—	—	
Total			446.76							446.76	17.60	17.60	

Computations made by J F Wentz 48 Observations made by J F Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for August 15. 1921.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Prov Bench Ch.	800a	185	102.32	85.04	6.					91.04		11.28	
West Union	845a	78	30.18	27.23						27.23		2.95	
Park & Mustal	846a	23	1.16	2.18						2.18		1.66	
Barlow & Young	853a	40	2.68										
Power Barge	847a	40											
Prov Bench Left.	856a	151											
Prov Res Canal	900a	276	190.55										
" " Lat #1.	900a	24	.82										
			191.37							233.20	41.83		
Provo Res	945a	118	19.15	11.29	r					13.29		5.86	
Mill Creek	959a	66	15.17	12.31	r					14.31		0.86	
City Creek	959a	87	7.92	6.12						6.12		1.80	
Young Ditch	1034a		.00	1.72						1.72	1.72		
Beam "	1034a		.00										
City Race	1051a	64	8.25										
Union	1105a	56	11.56										
Factory Race	1107a	230	38.70										
Timber Race	25p	38	6.60										
			65.11	55.91						55.91		9.20	
Dry Creek	239p	67	7.39	6.75						6.75		0.64	
Welcomes Canal			13.55	13.55						13.55	—	—	
Spring Creek	m		9.18	4.90						4.90		4.28	
Alt. Bellm Canal	134a	102	15.58	12.75						12.75		2.83	
Fort Field	215p	85	5.43	5.74						5.74	0.31		
By F.F.G.H.	215p		2.50	.00						.00		2.50	

* Excess distributed over system.

| Total | | | 488.69 | | | | | | | 488.69 | 43.86 | 43.86 | |

Computations made by H. W. Lentz

Observations made by H. Lentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 24. 1921.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Spring Creek Mesa													
Tanner W. Ditch.	1126p	69	3.86										
" E. "	1128a		1.35										
" Flume "	1131a	80	1.60	4.90	00	—	4.90	—	—	4.90		6.27	
Clyde Ditch	1146a	35	1.84										
Blum Ditch	1202p	34	2.12										
Parkinson Ditch	1215p	est	0.40										
Geo. Taylor Ditch	1226p		00										
Total Spring Creek			11.17										
Lake Bottom Gr.	1226p	85	11.55	12.75	—	3.—	9.75	—	—	9.75		1.80	
Fort Field	1245p	64	3.30	5.74	—	—	5.74			5.74	2.44		
By Fort Field	1247p	est	0.25	—			—			—		0.25	
Dry Creek	201p	67	7.39	6.75	—	—	6.75			6.75		0.64	
Tanner Pipe	213p	34	5.58										
City Pipe	222p	68	9.10										
Union	228p	56	11.56										
Factory Pipe	230p	230	38.70	55.91	—	—	55.91	—	—	55.91		10.03	
City Total			65.94										
City Waterworks			13.55	13.55			13.55			13.55	—	—	
Lower Ditch	235p		00										
Young "	250p		00	1.72	(Gauge B")		1.72			1.72	1.72	—	
Beck "	257p		00										
U.E.U. & T.R.	330p	64	14.51	14.31	2		14.31			14.31		0.20	
E.R. Irr. Water Co.	322p	8"	7.15	7.37	6.12	(Gauge A")	6.12	—	—	6.12		1.25	
Timpanogos	346p	88	11.70	11.29	2		13.29			13.29	1.59	—	
Provo Bench Up St.	402p	140											
Barber & Young	404p		00	2.18	—	—	2.18			2.18		3.78	
Park & Pulsipher	409p	66	5.96										
Power Barge	407p	43											
West Union	408p	77	29.64	27.23	—	—	27.23			27.23	—	2.41	
Provo Bench Lo. St.	427p	176	93.00	~~[illegible]~~ 85.04	6		91.04			91.04		1.96	
Sub total										252.49			
Provo Res. Canal	448p	246	165.56	188.40			188.40			188.40	22.84 "A"		
" " Lot #1.	448p		00										

The quantity "A" of 22.84 cfs. is not at present available to Provo Resko. except by the installation of another pump.

(8-25-21 Olmstead flume carried 7 cfs.)

Total		440.89		440.89	28.59 28.59

Computations made by T. F. Wentz 50 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 24. 1921.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Spring Creek claims													
Tanner Ditch	1169	69	3.86										
" E. "	1128a		1.25										
" Flume	1131a	80	1.60	4.90	00	—	4.90	—	—	4.90		6.27	
Clyde Ditch	1146a	35	1.84										
Brown Ditch	1202p	34	2.12										
Pardredge Ditch	1215p	est	0.40										
Geo. Taylor Ditch	1226p		00										
Total Spring Creek			11.17										
Lake Bottom Gw	1226p	85	11.55	12.75	—	3.—	9.75	—	—	9.75		1.80	
Fort Field	1245p	64	3.30	5.74	—	—	5.74			5.74	2.44		
By Fort Field	1247p	est	0.25	—			—			—		0.25	
Dry Creek	201p	67	7.39	6.75	—	—	6.75			6.75		0.64	
Tanner Race	213p	34	5.58										
City Race	227p	68	9.10										
Anion	228p	56	11.56										
Factory Race	230p	230	38.70	55.91	—	—	55.91	—	—	55.91		10.03	
City Total			65.94										
City Waterworks			13.55	13.55			13.55			13.55	—	—	
Axon Ditch	235p		00										
Young "	250p		00	1.72 (Gauge B")			1.72			1.72	1.72	—	
Bowen "	250p		00										
U.C.M. & T.R.	330p	64	14.51	12.31	2		14.31			14.31		0.20	
E.R. Bot. Water Co.	322p	115	7.37	6.12 (Gauge A")			6.12	—	—	6.12		6.25	
Timpanogos	346p	88	11.70	11.29	2		13.29			13.29	1.59	—	
Provo Res. Up St.	402p	140											
Barber & Young	404p		00	2.18	—	—	2.18			2.18		3.78	
Park & Nielsen	409p	66	5.96										
River Gage	407p	43											
West Union	408p	77	29.64	27.23	—	—	27.23			27.23	—	2.41	
Provo Canal L St.	427p	176	93.00	~~[illegible]~~ 85.04	6		91.04			91.04		1.96	
Cut listed										252.49			
Provo Res. Canal	448p	246	165.56	188.40			188.40			188.40	22.84 "A"		
" " Lat #1	448p		00										

The quantity "A" of 22.84 cfs. is not at present available to Provo Res Co. except by the installation of another pump.

(8-25-21 Almond flume carried 7 cfs)

Total	440.89			440.89	28.59 28.59

Computations made by T. F. Wentz 50 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow ~~[illegible]~~ **of Provo River for** September 14. 1921.

NAME	Time	G. H.	Disc.	Dec'd Ne	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Correction at Station Ded.	Correction at Station G. H.
Provo Bench Lf.	915a	196	104.04	85.04	6					91.04		13.00	
West Union	1000a	64	22.32	27.14 (Voluntarily Reduced).						27.14	4.82		
Park & Nuttall	1002a	71	6.66	1.96						1.96		4.70	
Balm & Young	1017a		00										
River Gage	1004a	46											
Provo Bench Rt.	1008a	157											
Provo Res Conf.	1015a	268	182.02	218.50						218.50	36.48		* Not available to Conf. so left blank and not included
" " Lf #1.	1015a		00										
Provo Canyon	1036a	96	10.89	11.29	✓	"	"			13.29	2.40		
Wg. Lf. Rt.	1032	61	13.38	12.19	✓					14.19	0.81		
Baby Creek	1053a	4	9.58										
Lake "O" & O.B. Wg.	1107a	24	1.23	5.69						5.69	4.46		
Young Lake	1125a		00	1.72						1.72	1.72		
Balm "	1125a		00										
Dixon	345p		00										
Spring Creek	p.		6.40	4.40						4.40		2.00	
Lake Bellon Conf	210p	63	10.54	10.20						10.20		0.34	
Fort Field	233p		00	4.59						4.59		0.26	
Bay " "	233p		4.85										
Dry Creek	255p	40	3.41	6.75						6.75	3.34		
Jenne Rice	307p	48	9.48										
Coby Rice	317p	72	10.10										
Union "	325p	56	11.56										
Godsey Rice	337p	252	55.64										
			86.78	53.05						53.05		33.73	
Waterworks & sand			13.55	13.55						13.55	—	—	

No adjustment except as noted in memo.

| Total | | | 466.07 | | | | | | | 466.07 | 54.03 | 54.03 | |

Computations made by J. F. Wentz **Observations made by** J. F. Wentz