Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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'X18' Suppressed Weir.													
1918					Observer								
Date	Time	G.H.	Disch.										
5-6	526p	118	86.06		T.F. Wantz.								
5-23	809p	122	90.00		"								
6-22	1039a	120	88.00		"								
6-28	48p	89	56.16		"								
6-28	702p	87	54.03		"								
6-30	901p	73	40.86		"								
7-1	900a	70	38.34		"								
7-9	502p	73	40.86		"								
7-12	135p	85	52.38		"								
7-12	336p	89	56.16		"								
7-18	533p	78	45.27		"								
7-26	507p	68	36.54		"								
7-26	527p	80	47.25		"								
8-1	408p	76	43.47		"								
8-12	624p	70	38.34		"								
8-14	151p	72	39.36		"								
8-22	236p	67	35.64		"								
9-7	145p	63	32.49		"								
9-7	331p	57	27.63		"								
9-12	534p	51	23.33		"								
6-25-18	9a	136	104.-		J. Montgomery								
6-30-18	9p.	73	40.86		"								
7-1-18	9a	70	38.34		"								
1918.													
4-29	911a	174	60.12		E. Knight.								
6-13	522p	130.	98.00		"								
6-14	1110a	130	98.00		"								
6-25	619p	112	82.18		"								
6-28	1049a	94	61.29		"								
7-2	225p	92	59.29		"								
7-3	1055a	90	57.24		"								
7-4	131p	80	47.25		"								
7-5	1026a	80	47.25		"								
7-7	538p	72	39.96		"								
7-8	910a	72	39.96		"								
7-12	639p	100	68.04		"								
7-13	932a	104	72.72		"								
Wasatch Canal.													
1918													
Date	Time	G.H.	Disch		Observer.								
7-16	616p	89	56.16		E. Knight.								
7-17	1028a	91	58.23		"								
7-21	716p	86	53.28		"								
7-22	926a	88	55.26		"								
7-24	1059a	80	47.25		"								
7-30	606p	76	43.00		"								
8-14		78	45.60		"								
8-15	924a	95	58.95		"								
8-15	1051a	78	45.77		"								
8-18	605p	72	39.96		"								
8-19	737p	65	34.28		"								
8-28	623p	62	31.68		"								
8-29	937a	58	28.36		"								
9-5	454p	66	35.01		"								
9-6	835a	66	35.01		"								
North Field Canal 1.5'X15' Suppressed Weir.													
1918.													
Date	Time	G.H.	Disch		Obs.								
5-6	531p	157	89.40		T.F. Wantz.								
5-23	810p	148	86.00		"								
6-22	1041a	130	79.50		"								
6-28	458p	90	46.05		"								
6-28	702p	84	42.60		"								
6-28	Cut.				"								
6-30	903p	64	27.22		"								
7-1	902a	60	24.38		"								
7-9	504p	66	28.35		"								
7-12	137p	72	32.40		"								
7-12	338p	76	35.10		"								
7-18	535p	55	21.37		"								
7-26	509p	46	16.28		"								
7-26	Cut		6.12										
7-26	Part of Water		Loaned to Timpanogos I.Co.										
8-1	410p		5.50		T.F. Wantz.								
8-12	626p	cut	5.00										

Total

Provo Reservoir Co.
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Tabulation of Flow and Distribution of Provo River for Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
North Field Canal (Concluded)													
1918.													
Date	Time	G.H.	Disch	Obs'r.									
8-14	153p		5.50	T.F. Wentz.									
8-14	Rosat Weir. Gage now reads 0.10 ft.												
8-14	To take back water Tomorrow Morning.												
8-22	238p	28	12.20	T.F. Wentz.									
9-7	147p	18	6.71	"									
9-7	332p	46	21.90	"									
9-12	536p	42	19.57	"									
4-29	911a	116	64.54	E. Knight.									
6-13	519p	142	~~89.81~~ 84.00	"									
6-14	111a	142	~~89.81~~ 84.00	"									
6-25	620p	108	57.82	"									
6-28	1050a	94	40.06	"									
7-2	226p	72	30.24	"									
7-3	1056a	70	28.98	"									
7-4	132p	66	26.46	"									
7-5	1027a	66	26.46	"									
7-7	539p	60	22.82	"									
7-8	911a	64	25.41	"									
7-12	640p	84	38.64	"									
7-13	933a	88	41.57	"									
7-16	617p	66	26.46	"									
7-17	1029a	72	30.24	"									
7-21	717p	56	20.09	"									
7-22	927a	56	20.09	"									
7-24	1100a	56	20.09	"									
7-30	607p	18	4.00	"									
8-14		43	20.24	"									
8-15	1050a	43	20.19	"									
8-18	606p	36	16.27	"									
8-19	736p	34	15.15	"									
8-28	624p	26	11.25	"									
8-29	938a	26	11.25	"									
9-5	456p	18	8.71	"									
9-6	836a	18	8.71	"									
6-30	9a	~~[illegible]~~ 64	25.41	J. Montgomery									
7-1	9a	60	22.82	"									
Total													

Provo Reservoir Company Weir Near Wasatch Dam. 1.5' x 9.0' Suppressed.				
1918.				
Date	Time	G.H.	Disch	Obs'r.
6-28	636p	64	16.33	T.F. Wentz.
6-30	915p	64	16.23	"
6-30	Raised.			
7-1	928a	75	21.70	"
7-1	Raised		24.00	"
7-9	645p	125	64.44	"
7-18	600p	96	30.60	"
7-18	644p	116	41.49	"
7-26	605p	96	30.60	"
7-26	Raised.			
7-26	700p	106	36.18	"
8-1	437p	1.00	32.76	"
8-1	534p	112	39.33	"
8-1	Cut to	107		"
8-1	Engaged Marlow to maintain G.H.			
8-12	612p	108	37.17	"
8-14	417p	108	37.17	"
8-22	250p	98	31.68	"
8-22	310p	out.		
8-22	320p	92	28.62	"
9-7	242p	92	28.62	"
9-7	Cut.— Storage exhausted.			
9-7	315p	66	17.01	"
9-12	545p	62	15.39	"
7-2	151p	170	31.67	E. Knight.
7-4	117p	—	84.00	"
7-5	1049a	30	48.00	"
7-7	536p		40.00	"
7-8	1022a		45.00	"
7-12	626p	122	43.83	"
7-13	1005a	122	43.83	"
7-16	521p	108	47.67	"
7-17	1055a	111	49.34	"
7-21	654p	111	49.38	"
7-24	1054a	111	49.38	"
7-30	626p	99	42.72	"
8-14		98	37.27	"

Computations made by .....

Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Discharge Observations 1918.

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

Provo Res. Co. Weir. near Wasatch Dam

1918 Date	Time	G.H.	Disch.	Obs'r.
8-15	1030a	98	31.68	E. Knight.
8-18	537p	98	31.68	"
8-19	800a	98	31.68	"
8-28	436p	92	28.62	"
8-29	955a	92	28.62	"
9-5	432p	92	28.62	"
9-6	847a	92	28.62	"

Washington Canal.
7 Foot Rating Flume.

1918. Date	Time	G.H.	Disch.	Obs'r.
5-1		64	6.26	E. Knight.
5-15	621p	168	32.00	"
6-11	457p	160	32.50	"
6-24	652p	160	32.50	"
6-29	101p	146	25.20	"
6-30	442p	157	26.70	"
7-1	1236p	164	34.00	"
7-3	657p	146	24.50	"
7-6	1242p	142	24.00	"
7-10	342p	142	24.00	"
7-20	246p	130	20.00	"
7-23	853a	55	5.00	"
7-27	647p	55	5.00	"
8-1	726p	115	17.10	"
8-3	24p	98	13.25	"
8-6	1054a	73	8.00	"
8-11	428p	74	8.20	"
8-13	1012a	104	14.30	"
8-17	850a	102	14.00	"
8-27	425p	86	11.50	"
9-1	616p	78	9.20	"
9-4		74	8.40	"
9-7	616p	70	7.80	"

South Kamas Canal.
10.00' Rating Flume.

1918 Date	Time	G.H.	Disch.	Obs'r.
5-1		30	6.00	E. Knight.
5-15	613p	150	36.20	"
6-11	423p	108	38.59	"
6-24	702p	108	38.59	"
6-29	222p	90	26.68	"
6-30	424p	95	30.00	"
7-1	1252p	91	27.00	"
7-3	646p	91	27.00	"
7-6	1222p	95	28.16	"
7-10	438p	96	28.65	"
7-20	216p	88	26.00	"
7-23	836a	81	23.80	"
7-27	622p	76	20.00	"
8-1	231p	85	22.00	"
8-3	211p	85	22.10	"
8-6	1022a	83	21.50	"
8-11	437p		15.20	"
8-13	942a	64	17.24	"
8-17	930a	78	13.00	"
8-27	456p		11.60	"
9-1	632p		10.60	"
9-4		75	12.20	"
9-7	456p	75	12.20	"

Sunrise Canal.

6-11	642p	123	9.29	E. Knight
6-24	533p	123	9.82	"
6-29	432p	119	9.25	"
6-30	724p	113	8.70	"
7-1	448p	113	8.70	"
7-3	840a		4.80	"
7-10	633p	99	6.50	"
7-6	542p	101	~~[illegible]~~ 6.85	"
7-20	548p		00	"
7-27	754p	72	4.25	"
8-3	541p	68	4.00	"
8-6	428p	68	4.00	"
8-11	511p	48	2.50	"
8-13	1136a	68	2.76	"
8-27	804a	52	1.80	"

Total

Computations made by .....

Observations made by .....

IN THE FOURTH DISTRICT COURT OF THE STATE OF UTAH.

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

Commissioners report to the Court for year 1918.

DISCHARGE OBSERVATIONS.

TIMPANOGUS IRRIGATION COMPANY'S CANAL.

1918.

Date	Time.	Gage Height.	Second. Feet.	Observer.
5-6	550p	208	49.00	T.F.Wentz.
6-28	516p	227	55.00	"
6-28	Cut approx. 10.cfs.			"
7-1	909a	200	45.80	"
7-1	920a cut to approx.30.00			"
7-9	514p	162	31.40	"
7-12	149p	158	30.00	"
7-18	546p	188	41.00	"
7-19 Out-- Break in flume. In at 930p.				
7-20 Out at 1020a. In at 800p.				
7-26	539p	152	29.00	"
8-1	433p	154	28.60	"
8-1 Cut.				
8-8 Cut to 10.00cfs. By Jones.				
8-14 212p		94	10.48	"
4-29	916a		0.00	Earnest Knight.
6-13	546p	240	60.24	"
6-14	1043a	240	60.24	"
6-25	6-29p	236	60.00	"
6-28	1040a	232	58.40	"
7-2	242p	182	38.30	"
7-3	1046a	170	34.00	"
7-4	125p	170	34.00	"
7-5	1016a	160	30.80	"
7-8	9-59a	162	31.20	"
7-12	701p	182	38.30	"
7-13	945a	184	39.50	"
7-16	546p	186	40.20	"
7-17	1041a	186	40.20	"
7-21	726a	168	33.80	"
7-22	914a	168	38.80	"
7-24	1108a	172	35.00	"
7-30	616p	154	28.50	"
8-15	936a		00.00	"
5-3	1215p	212	50.40	Samuel Jones.
5-5	1100a	214	51.20	"
5-7	1150a	210	49.60	"
5-10	1120a	226	56.00	"
5-15	1130a	220	53.60	"
5-16	1040a	232	58.40	"
5-22	1000a	232	58.40	"
5-24	1140a	227	56.40	"
5-28	330p	233	58.80	"
6-2	500p	232	58.40	"
6-4	4-30p	232	58.40	"
6-9	1120a	240	61.80	"
6-10	11a	238	60.80	"
6-11	12m	238	60.80	"
6-12	10a	241	62.00	"
6-13	10a	241	62.00	"
6-16	11a	242	62.20	"
6-19	5p	243	62.40	"
6-23	11a	244	62.60	"

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Provo Reservoir Co.
vs.
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2888 Civil

Tabulation of Flow and Distribution of Provo River for Discharge Observations 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Ontario Drain Tunnel.													
1918													
Date	Time	G.H.	Disch.	Observ.									
4-18	1100a	144	19.29	T. F. Wentz.									
7-9	1055a	154	17.80	"									
River Below Wasatch Dam.													
7-9	726p	00	10.50	"									
7-12	240p	.20	18.43	"									
7-18	605p	.06	13.00	"									
7-26	612p	00	10.50	"									
8-14	330p		8.36	"									
8-1			10.50	"									
8-22			8.93	"									
9-7	208p		4.57	"									
Midway River Ditch													
5-6	approx		30.00	"									
6-28	426p	59	11.00	"									
6-30	844p	68	15.10	"									
6-30	Cut to		10.50	"									
7-9	450p	39	6.56	"									
7-12	124p	55	10.99	"									
7-18	726p	50	9.52	"									
7-26	720p	45	8.00	"									
8-1	629p	45	8.13	"									
8-14		66	14.44	"									
8-14	Cut to 8-9 c/s			"									
8-22	219p	46	8.40	"									
9-7	134p	44	7.86	"									
9-12	611p	40	6.81	"									
Note: See Daily sheets For Discharge of Snake Creek Diversion, Creeks, Tunnels, & Springs.													
J. S. Brown Well.													
4-19	320p	21.1											
5-6	1100a	20.6											
6-28	307p	9.8											
7-10	1140a	11.7											
8-2	1111a	15.00											
8-14	648p	15.20											
9-6	1128a	17.2											
Total													

Sagebrush & Spring Creek Canal.						
1918						
Date	Time	G.H.	Disch.			
7-12	1204p	138				
7-19	207p	108	23.32			
8-2	814a	124	19.88			
8-14	1156a	116				
8-22	357p	104				
9-6	1218p	124				
Charleston Upper Canal.						
5-6	Geo. Carlile reports they are diverting all water at Headgate.					
7-10	939a	40	12.67			
7-19	235p	48 123	16.87			
8-2	849a	33	9.41			
8-22	418p	33	9.41			
9-6	1150a	51	18.48			
9-6	Cut to		10.00			
Round Valley Creek.						
7-12	1046a		8.50			
7-18	Flowing to River					
8-2			6.97			

Note: Small diversion are shown in daily sheet grouped on the day of observation.

Computations made by .....

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Observations made by .....

Provo Reservoir Co.
vs.
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2888 Civil

Tabulation of Flow and Distribution of Provo River for Provo Reservoir Canal. Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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. 14 Foot Rating Flume.

1918 Date	Time	G.H.	Disch.
5-1	About	40 cfs	Over Dam
5-2	920a	170	72.50
5-2	Changing Dam.		
5-2	415p	Part of Dam breaks.	
5-3	910a	168	73.97
5-4	Putting in Dam.		
5-5	1145a	210	105.—
5-7	930a	2685	151.49
5-11	1245p	276	163.00
5-13	950a	208	102.19
5-13	645p	220	112.00
5-15	917a	216	109.60
5-15	57.50 c.f.s. From Weber River.		
5-20	905a	286	165.00
6-2	1102a	281	161.00
6-22	852a	282	162.00
6-25	911a	272	153.50
6-27	829a	174	77.50
6-28	552a	137	53.00
6-28	829a	136	51.84
6-29	1054a	108	33.00
6-29	Raised approx. 200 cfs from Olmstead Flume.		
6-29	712p	144	57.00
6-30	548p	140	54.10
7-2		140	54.50 "mc"
7-2	Ordered Raised.		
7-3	505a	153	59.—
7-3	Ordered Raised.		
7-4	230p	190	83.81
7-6	516a	188	86.50
7-6	546p	204	99.50
7-7	909a	192	90.50
7-6	930p	190	89.— "mc"
7-7	1p.	190	89.— "mc"
7-7	12m.	Factory Race Water Turned From Olmstead Flume To Provo Reservoir Canal.	

1918 Date	Time	G.H.	Disch
7-8	914a	201	94.95
7-8	1000p	222	113.— "mc"
7-9	835a	204	97.00
7-9	1205p	211	103.00
7-9	700p	206	"mc".
7-10	659p	251	137.50
7-10	735p	cut.	251 cfs. "Storm"
7-11	1122a	260	145.00
7-12	826a	226	113.—
7-12	636p	220	
7-13	400p	240	127.50 "mc"
7-14	852a	254	136.50
7-14	432p	260	148.50
7-15	959a	247	130.44
7-16	629a	214	104.00
7-17	224p	206	101.00
7-18	1008a	200	96.50
7-19	548p	207	101.50
7-21	446p	219	111.00
7-23	925a	200	95.16
7-24	411p	170	75.00
7-25	536a	160	68.00
7-25	606p	175	77.50
7-26	550a	176	77.50
7-27	1214p	170	73.50
7-28	1137a	153	63.50
7-29	638a	151	62.00
7-31	1011a	146	58.22
8-2	627p	154	64.00
8-4	1033a	156	64.60
8-4	710p	145	57.60
8-6	845p	176	77.50
8-7	940a	157	65.16
8-15	1037a	140	54.42
8-16	330p	136	51.80
8-19	1230p	144	56.50
8-21	754a	146	52.00
8-23	1019a	138	52.94

Note: "MC" — Gage height Reported by D.C. McEwan

Total

Computations made by J. F. Wentz 9

Observations made by J. F. Wentz

Plaintiffs Exhibit 12
Case No. 2726 Civil
Court Clerk

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Provo Reservoir Company. Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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.
(Concluded).

1918.

Date	Time	G.H.	Disch.
8-25	454p	135	51.50
8-26	946a	134	51.00
8-26	Raised By Tightening Dam.		
8-26	242p	144	57.50
8-27	921a	141	55.00
9-3	812a	140	55.00
9-6	942a	148	55.77
9-9	1034a	146	54.40
9-9	652p	139	49.50
9-12	129p	130	44.00
9-14	332p	129	43.00
9-15	Canal broke at 230p.		
9-17	215p	Back in.	
9-24	120p	Canal broke.	
9-27			0.0

Provo Reservoir Company
Lateral No. 1. Takes out 300 Feet above Rating Flume on Main Canal.
2 Foot Rect. Weir.

1918.

Date	Time	G.H.	Disch.
5-2	925a	53	2.43
5-7	930a	77	4.30
5-20	906a	47	2.05
6-2	1102a	68	3.58
6-25	911a	73	3.98
6-27	829a		0.0
7-9	835a	60	3.25
7-9	1206p	65	3.60
7-10	659p	0.05	0.07
7-11	1022a	0.05	0.07
7-16	629a	63	3.12
7-17	224p	63	3.12
7-18	1008a		0.0
7-19	548p		0.0
7-23	925a	0.03	0.02
7-25	606p	63	3.12

Provo Reservoir Company.
Lateral No. 1.

1918

Date	Time	G.H.	Disch.
7-28	1137a		0.0
7-31	1011a	43	1.80
8-2	627p		0.0
8-4	1033a		0.0
8-4	710p		0.0
8-7	940a		0.0
8-15	1037a	41	1.68
8-16	330p		0.0
8-21	754a		0.0
8-23	1019a	37	1.44
8-25	454p		0.0
8-26	946a		0.0
8-27	921a		0.0
8-27	955a	cut.	
9-3	812a		0.0
9-6	942a		0.0
9-9	652p		0.0
9-12	129p		0.0
9-4	332p		0.0

Provo Reservoir Company.
Diverting Through Provo Bench Canal.

1918 Date.		Sec. Feet.
5-3		18.00
6-26	Reduced to	15.00
7-1	" "	12.00
7-8	" "	10.00
8-18	" "	7.00
8-18.	G.H. 45.	7.28

Plaintiffs Exhibit 12a
Case No. 5726 Civil
6BD Court Clerk

Total

Computations made by T. F. Wentz 10

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 Provo Reservoir Company. Discharge Observations 1918.

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

Total Water in cfs. Diverted By Provo Reservoir Company.

1918. Date	Main Canal.	Lateral No. 1.	Through P.B. Canal.	Total.
5-2	72.50	2.43		
5-3	73.97		18.00	91.97
5-5	105.—		"	123.00
5-7	151.49	4.30	"	173.79
5-11	163.00		"	181.00
5-13	102.19		"	120.19
5-15	109.60		"	127.60
5-20	165.00	2.05	"	185.05
6-2	161.	3.58	"	182.58
6-22	162.		"	180.00
6-25	153.50	3.98	"	175.48
6-27	77.50	00	15.00	92.50
6-28	53.00		"	68.00
6-28	51.84		"	66.84
6-29	33.00		"	48.00
6-29	57.00		"	72.00
6-30	54.10		"	69.10
7-2	54.50		12.00	66.50
7-3	59.—		"	71.00
7-3	75		"	87.00
7-4	83.81		"	95.81
7-6	86.50		"	98.50
7-8	94.95		10.00	104.95
7-9	97.00	3.25	"	110.25
7-9	103.00	3.60	"	116.60
7-10	137.50	0.07	"	147.57
7-11	145.00	0.07	"	155.07
7-15	130.44	00	"	140.44
7-16	104.00	3.12	"	117.12
7-17	101.—	3.12	"	114.12
7-18	96.50	00	"	106.50
7-19	101.50	00	"	111.50
7-21	111.00		"	121.00
7-23	95.16	.02	"	105.18
7-25	68.00		"	78.00
7-25	77.50	3.12	"	90.62
7-26	77.50		"	87.50
7-27	73.50		"	83.50

Con. on Next page.

Plaintiffs Exhibit 137
Case No. 5726 Civil
E.B.U. Court Clerk

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omputations made by T. F. Wentz 11 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 Provo Reservoir Company. Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Total Water Diverted By Provo Reservoir Company.													
1918 Date	Main Canal.			Lateral No. 1.			Through P.B. Canal			Total.			
7-28	63,50			00			10,00			73,50			
7-27	Concession of U.P.&L. Co. Tunnel Water expires To-night.												
7-24	Concession of Factory Race Water expires at 10.00a 7-24-18.												
7-29	62,00						10.00			72,00			
7-31	58,22			1,80			"			70,02			
8-2	64,00			0,0			"			74,00			
8-4	64,60			00			"			74,60			
8-4	57,60			00			"			67,60			
8-6	77,50						"			87,50			
8-7	65,16			00			"			75,16			
8-15	54,42			168			"			66,10			
8-16	51,80			0,0			"			61,80			
8-19	56,50						7,00			63,50			
8-21	52,00			00			"			59,00			
8-23	52,94			1,44			"			61,38			
8-25	51,50			00			"			58,50			
8-26	51,00			0,0			"			58,00			
8-26	57,50						"			64,50			
8-27	55,00			00			"			62,00			
9-3	55,00			00			"			62,00			
9-6	55,77			00			"			62,77			
9-9	54,40			00			"			61,40			
9-9	49,50			00			"			56,50			
9-12	44,00			00			"			51,00			
9-27	00			00			"			70,00			
Total													

Plaintiffs Exhibit 12e
Case No. 5726 Civil
E.B.D. Court Clerk

Computations made by T. F. Wentz 12 Observations made by T. F. Wentz

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

Tabulation of Flow and Distribution of Provo River for Provo Reservoir Canal. Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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.													
1918													
Date	Time	G.H.	Disch.										
5-6	810a	2.54	138.50										
5-6	710p	2.86	165.00										
5-7	1005a	2.86	165.00										
5-7	800p	2.58	134.										
5-8	910a	2.86	165.00										
5-8	745a	2.76	157.00										
5-9	800a	2.86	165.00										
5-9	605p	2.74	155.										
5-10	545a	3.00	176.50										
5-10	707p	2.84	163.50										
5-11	705a	2.56	140.00										
5-11	905p	2.62	145.										
5-12	945a	2.54	138.50										
5-12	510p	2.50	135.50										
5-13	8a	2.40	127.50										
5-13	655p	2.20	112.00										
5-14	9a	2.10	104.00										
5-14	710p	2.30	119.50										
5-15	1115a	2.45	132.-										
5-15	645p	2.75	156.										
5-16	705a	2.80	160.50										
5-16	4p	2.86	165.-										
5-16	705p	2.80	160.50										
5-17	915a	2.80	160.50										
5-18	610a	2.86	165.-										
5-19	755p	2.84	163.50										
5-20	540p	2.86	165.00										
5-21	1255p	2.88	167.00										
5-22	510a	2.80	160.50										
5-22	730p	2.80	160.50										
5-23	645a	2.90	169.										
5-23	520p	2.90	169.										
5-24	9a	2.88	167.-										
5-24	705p	2.86	165.										
5-25	570a	2.90	169.										
5-25	740p	2.86	165.										
5-26	945a	2.84	163.50										
5-26	905p	2.92	170.50										
5-27	11a	2.90	169.										
Provo Reservoir Canal.													
1918													
Date	Time	G.H.	Disch.										
5-28	545p	2.92	170.50										
5-29	810a	2.86	165.-										
5-30	610p	2.90	169.										
5-31	850a	2.90	169.										
5-31	7p	2.90	169.										
6-1	1010a	2.92	170.50										
6-2	915p	2.90	169.										
6-3	710a	2.86	165.										
6-3	10p	2.90	169.										
6-4	945a	2.86	165.										
6-5	505a	2.84	163.50										
6-6	3p	2.82	162.-										
6-7	815a	2.84	163.50										
6-8	905p	2.90	169.										
6-9	805a	2.84	163.50										
6-10	310p	2.86	165.										
6-11	935p	2.88	167.										
6-12	410a	2.90	169.										
6-13	810p	2.90	169.										
6-14	6a	2.84	163.50										
6-15	845a	2.86	165.										
6-16	11a	2.90	169.										
6-17	575p	2.86	165.										
6-18	3p	2.82	162.										
6-19	610a	2.84	163.50										
6-20	705a	2.90	169.										
6-21	7p	2.86	165.										
6-22	11a	2.84	163.50										
6-23	902p	2.86	165.										
6-24	745a	2.78	158.5										
6-24	610p	2.90	169.										
6-24	1110p	2.70	152.										
6-25	845a	2.76	157										
6-26		2.80	160.50										
6-27		2.66	148.50										
6-28		1.74	73.50										
6-29	845a	1.36	51.84										
6-29	620p	1.26	45.50										
6-30	1010a	1.18	40.50										

Total

Computations made by T. F. Wentz 13

Observations made by D. P. McE.

Plaintiffs Exhibit 12d
Case No. 3726 Civil
6-24-21 Court Clerk

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Provo Reservoir Canal. Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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.													
1918													
Date	Time	G.H.	Disch.										
7-1	745p	120	41.50										
7-2	6a	120	41.50										
7-3	610a	140	54.50										
7-3	845p	150	61.20										
7-4	4a	180	82.00										
7-4	7p	1.90	89.										
7-5	9a	2.00	96.50										
7-5	10p	1.78	80.50										
7-6	1120a	1.92	90.50										
7-6	805p	200	96.50										
7-7	510a	190	89.										
7-8	910a	202	98.-										
7-8	11a	210	104.-										
7-8	620p	222	113.50										
7-9	645a	210	104.										
7-10	710a	210	104	Rain									
7-10	10p	260	143.50										
7-11	1015a	270	152.00										
7-12	2p	230	120.00										
7-13	910a	220	112.	Raining									
7-14	810p	270	152.00										
7-15	8a	242	129.50										
7-16	615a	214	108.00										
7-16	845p	204	99.50										
7-17	505a	210	104.										
7-18	705a	200	96.50										
7-18	810p	226	116.50										
7-19	745a	212	105.50										
7-20	845p	240	133.00										
7-21	530p	220	112.00										
7-22	11a	214	107.00										
7-22	7p	212	105.50										
7-23	10a	202	98.00										
7-23	610p	200	96.50										
7-24	9a	175	~~74.00~~ 78.50										
7-24	5p	170	75.00										
7-25	11a	166	72.00										
7-25	710p	172	76.00										
Provo Reservoir Canal.													
1918													
Date	Time	G.H.	Disch.										
7-26	945a	174	77.50										
7-27	1225p	170	75.										
7-28	1210a	153	63.5										
7-29	1010a	154	64.00										
7-30	630a	150	61.20										
7-31	545a	148	60.00										
7-31	645p	142	56.										
8-1	810a	144	57.5										
8-1	745a	146	58.5										
8-2	910a	142	56.-										
8-2	805p	150	61.20										
8-3	815a	162	69.50										
8-4	945p	142	56.										
8-5	1005a	146	58.5										
8-6	705a	184	[illegible]										
8-6	816p	178	80.50										
8-7	733a	178	80.50										
8-7	655p	156	65.50										
8-8	710a	150	61.20										
8-8	945p	150	61.20										
8-9	715a	152	62.50										
8-10	810a	154	64.00										
8-11	705p	155	64.50										
8-12	910a	155	64.50										
8-13	800a	142	56.										
8-13	845p	140	54.50										
8-14	10a	140	54.50										
8-14	705p	139	~~53.00~~ 54.00										
8-15	9a	140	54.50										
8-15	700p	136	52.00										
8-16	1010a	134	51.00										
8-17	615a	140	54.50										
8-18	11p	136	52.00										
8-19	615a	129	47.50										
8-19	810p	142	56.										
8-20	555p	145	58.										
8-21	630p	148	60.00										
8-22	710a	140	54.50										

Total

Computations made by J. F. Wentz

Observations made by D. D. McEwan.

Plaintiffs Exhibit No. 37 Civil
Case No. 2888 Civil
E. A. Rich Court Clerk

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Provo Reservoir Canal. Discharge Observation 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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.													
1918													
Date	Time	GH.	Disch.										
8-22	645p	142	~~56.00~~ 56.00										
8-23	815p	138	53.50										
8-24	640p	139	54.00										
8-25	8a	136	52.00										
8-26	610a	134	50.70										
8-27	240p	141	55.50										
8-28	810a	140	54.50										
8-29	705a	140	54.50										
8-30	840p	140	54.50										
8-31	1115a	139	54.00										
curve change.													
9-1	615p	139	50.00										
9-2	945a	139	50.00										
9-3	710p	142	52.00										
9-4	1105a	152	58.50 Rain.										
9-5	415p	148	56.00										
9-6	445a	150	57.00										
9-7	910a	150	57.00										
9-8	640p	154	60.00										
9-9	810a	152	58.50										
9-10	845p	154	60.00										
9-11	510a	154	60.00										
9-12	705a	137	48.70										
9-13	715a	138	49.50										
9-14	615p	128	43.00										
9-15	1010a	175	74.50 rain										
9-15	200p	195	88.00		Broke								
9-16													
9-17	210p	154	60.00										
9-18	710a	142	52.00										
9-19	902a	144	53.00										
9-20	510a	142	52.00										
9-20	340p	142	52.00										
Total													

Plaintiffs Exhibit 12 Case No. 5726 Civil 6/35 Court Clerk

Computations made by T. F. Wentz 15 Observations made by D.D. McEwan.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Discharge Observations. West Union Canal 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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 West Union Smith Ditch & Carter Ditch
1' x 12' Suppressed Weir.

1918 Date	Time	G.H.	Disch.	
4-30	Clogned Flume, insalled Wer and set gage.			
4-30	12m	10	45.36	
5-1	430p	Cut.		
5-2	850a	72	26.64	
5-2	With Richard Carter set Cond			
5-2	358p	102	46.80	
5-2	358p	.925	40.00	Adjusted.
5-2	450p	94	40.86	Cut. 1 Hole.
5-3	852a	86	35.52	
5-3	I call Carter and ask him to put in Dam to-morrow.			
5-4	921a	86	35.52	
5-4	Working on Dam.			
5-5	Raised.			
5-6	930a	88	36.84	
5-6	Raised			
5-7	858a	88	36.84	
5-11	945a	88	36.84	
5-11	1154a	90	38.16	
5-13	940a	75	28.50	
5-13	645p	Raised		
5-15	900a	78	30.18	
5-15	Raised 3 cfs.			
5-20	900a	82	32.82	Raised
5-20	155p	102	46.80	
5-22	550p	90	38.16	
5-25	7p.	Water over Dam.		
5-25	704p	122	63.00	
6-2	1111a	104	48.48	
6-22	846a	78	30.18	
6-24	858a	95	41.64	
6-25	852a	86	35.52	
6-26	630p	84	34.08	
6-27	822a	81	32.16	
6-28	542a	84	34.20	
6-29	734p	73	27.24	
7-3	526a	70	25.56	

1918 Date	Time	G.H.	Disch.	
7-4	219p	72	26.64	
7-6	510a	70	25.56	
7-6	540p	66	23.34	
7-7	901a	68	24.36	
7-8	856a	68	24.36	
7-9	830a	68	24.36	Raised.
7-11	1210p	76	28.98	Raised.
7-12	819a	78	29.00	
7-14	938a	78	29.00	
7-14	442p	Raised		
7-13	Carter Ditch 2.54 cfs.			
7-15	941a	86	35.52	
7-16	640a	Cut.		
7-16	737a	80	31.50	
7-18	1118a	82	32.82	
7-21	436p	84	34.08	
7-23	910a	84	34.08	
7-25	525a	86	35.52	Cut.
7-25	555p	86	35.52	
7-26	540a	77	29.64	Cut.
7-29	624a	68	24.36	
7-31	935a	71	26.04	
8-1	152p	67	23.76	
8-4	1022a	67	23.76	
8-7	928a	72	26.64	
8-15	1022a	70	25.56	
8-16	612p	72	26.64	
8-21	749a	67	23.76	Raised.
8-23	955a	66	23.34	
8-25	444p	66	23.34	
8-26	1234p	72	26.64	
8-26	538p	63	21.66	Raised.
8-27	901a	62	21.12	
9-3	806a	62	21.12	
9-6	929a	74	27.84	
9-9	1019a	68	24.36	
9-18	One half of Water over Carter Spill.			
9-27	935a	76	24.98	

Total

Computations made by T. F. Wentz

16

Observations made by T. F. Wentz

Copy mailed to J. E. Booth.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Discharge 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Park & Nuttal Ditch. 0.75' x 3' Sup. Weir.							Barton & Young Ditch 0.75' x 3' Sup. Weir.						
1918							1918						
Date	Time	GH.	Disch.				Date	Time	GH	Disch			
5-3	855a	53	4.20				4-30	Cleaned Flume and set gage					
5-13	942a	41	2.82				4-30	240p	0.12	0.40			
5-15	902a	41	2.82				5-3	939a	38	2.48			
6-25	855a	48	3.60				5-13	1021a	0.09	0.27			
7-4	224p	34	2.10				5-13			0.27			
7-8	858a	26	1.40				6-25	958a	33	2.02			
7-15	943a	52	4.08				7-4	320p	24	1.25			
7-23	912a	38	2.51				7-8	946a	32	1.94			
7-25	cut.						7-15	1036a	41	2.76			
7-29	627a	cutto	2.00				7-23	948a	33	2.00			
7-31	937a	29	1.66				7-29	Cut to		0.0	Off schedule.		
8-1	Closed	gate.					7-31	1050a	24	1.23			
8-7	930a	37	2.40				8-4	1045a	cutto	0.0			
8-15	1024a	49	3.74				8-7	1011a		0.0			
8-16	614p	34	2.10				8-15	1130a		2.50			
8-23	957a	33	2.02				8-23	1008a		1.65			
8-25	446p	33	2.02				8-25	450p		1.65			
8-26	1236p	33	2.02				8-26	1228p		1.65			
8-27	903a	39	2.61				8-27	917a		0.0			
9-6	932a	49	3.74				9-6	937a	est	0.30			
9-27	937a	52	4.08				9-27	944a	est	0.50			

Total

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 Discharge 1918.

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

East River Bottoms Water Co. total.

1918

Date	Time	Disch.
5-2	River Bottoms & usual ft.	
	Putting in dam Beef City creek.	
5-2	Notified to get on schedule.	
5-3	a	18.81
5-13	a	~~15.40~~
5-15	a	17.14
6-25	Ordered on schedule.	
7-8	a	10.13
7-15	p	6.93
7-23	p	15.44
7-25	Cut.	
7-26	Ordered to reduce to usual.	
7-31		14.08
8-1	Asked to stop leaky gates and be moderate in diversions.	
8-7	p	16.49
8-15	p	13.64
8-23	p	9.22
9-27	p	12.10
9-6		10.25
9-27	a	10.68.

Upper East Union & Fawcett Field.

1918

Date	Time	Gft.	Disch.
5-15	Cut.		
5-15	1011a	76	19.32
5-20	Cut.		
5-20	210p	80	21.00
6-2	1039a	81	21.44
6-22	330p	96	28.32
6-25	1007a	Cut.	
6-25	1113a	76	19.32
6-26	604p	78	20.12
6-27	857a	76	19.32 Cut.
6-28	619a	74	18.56
6-29	654p	66	15.56 Raised.
7-4	411p	65	15.12
7-6	606a	66	15.56
7-8	1041a	61	13.72
7-9	Raised		
7-15	205p	69	16.60
7-18	946a	69	16.60
7-23	215p	70	17.04
7-25	Cut.		
7-26	640a	62	14.08
7-28	1107a	64	14.88
7-29	744a	60	13.40
7-31	152p	59	13.04
8-1	Raised.		
8-4	1114a	65	15.12
8-5	1042a	66	15.56
8-7	219p	66.	15.56
8-15	304p	66	15.56
8-23	332p	60	13.40
8-25	548p	56	11.96
8-27	1047a	58	12.61
9-6	204p	58	12.61
9-27	1023a	35	5.81

Upper East Union & Fawcett Field.
1' x 8' Sch. Weir.

1918

Date	Time	Gft.	Disch.
4-30	330p	30	4.61
5-1	525p	Raised.	
5-1	505 est		15.00
5-2	Putting in dam.		
5-2	235p	75	19.00
5-2	Notified to notch nge.		
5-3	1021a	65	15.12
5-4	Raised		
5-5	1015a	66	15.56
5-5	Raised to approx 2 x 8 ft.		
5-7	Gates have been changed.		
5-7	510p Raised and Cut.		
5-11	112p	70	17.04
5-13	1114a	81	21.44

Total

Computations made by J. F. Wentz 18

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 Discharge Observations 1918.

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

Provo City Total. of East Union. Factory Race. City Race. & Tanner Race.
1918.

Date	Time	Disch.
4-30	p.	67.51
5-1	p.	55.77 Apply for Water.
5-2	at 11.20a approx 20cfs by Tanner Race Dam. 5cfs. over Tanner Race Spillway.	
5-2	a	75.10
5-2	approx. 12 cfs by Dam & Brickyard. Scal Peay and mallinclim to turn this water to Brickyard Chan.	
5-3	m	75.39
5-7	p	90.36
5-13		64.88
5-14		56.86
5-15		71.48
5-20	p	102.00
5-22	p	114.08
6-2	a	98.80
6-22	p	101.04
6-25	p	92.07
6-27	a	71.55
7-1	p Peay	62.73
7-2	6-7a	65.62
7-6		57.97
7-8	p	45.57
7-11	p	52.15
7-15	p	43.84
7-23	p	40.18
7-26	a	45.10
7-28	a	42.85
7-29	m	54.40
7-31		54.82
8-4		48.37
8-7		55.90
8-8		56.35
8-13		59.24
8-15		58.40
8-19		47.30
8-21	a	50.94
8-23	morning	48.03

Total

Except Waterworks

Computations made by J. F. Wentz.

Provo City Total. of. East. Union Factory Race. City Race & Tanner Race.
1918

Date	Time	Disch.
8-27	morning Run	45.89
9-6	p	54.38
9-12	a	56.52
9-18	p "Peay"	62.27
9-27	a	75.27

Provo City. Water works. Reported in Trial of case by G.C. Swan.
1918.

Date	Disch.
3-3	5.28
6-12	6.60
6-28	5.16
7-6	7.46
7-25	7.62
8-27	10.52

Except Waterworks

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 Discharge Observation. 1918.

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

Provo City East Union.
1' x 7.73 Suppressed Weir.

1918

Date	Time	GH.	Disch.
4-30	453p	56	10.91
5-1	316p	41	7.15
5-2	1148a	62	13.60
5-3	1155a	70	16.46
5-7	159p	90	24.58
5-13	106p	64	14.38
5-14	524p	50	9.76
5-15	1148a	58	12.18
5-20	250p	1.00	29.22
5-22	434p	100	29.22
6-2	945a	93	25.90
6-22	405p	93	25.90
6-25	205p	.845	22.26
6-27	919a	83	21.57
7-1	Peay	60	12.95
7-1	445p	58	12.18
7-2	656a	64	14.38
7-4	500p	94	26.32
7-6	710a	66	15.03
7-8	101p	90	25.68
7-11	659p	98	28.21
7-15	309p.	83	21.57
7-23	414p	76	18.67
7-26	747a	81	20.72
7-28	945a	80 P.	20.29
7-29	1202p	89	24.12
7-31	331p.	89	24.12
8-4	1144a	92	25.43
8-7	440p	60	12.95
8-8	227p	60	12.95
8-13	444p.	62	13.60
8-15	454p	48	9.16
8-19	859a	48	9.15
8-20	856a	62	12.50
8-21	827a	46	8.54
8-22	940a	50	9.76
8-23	mean	57	11.87
8-23	603p	87	23.27
8-27	1226p	60	12.95

Total

Provo City East Union. (Con)

1918

Date	Time	GH.	Disch.
8-27	mean	47	8.84
9-6	309p.	51	10.02
9-12	954a	56	11.56
9-18	247p	50	9.76
9-27	1137a	71	16.75

Provo City Factory Race.
14' Rating Flume High Water.
1.5' x 14' Sup. Weir Low Water.

1918

Date	Time	GH.	Disch.
4-30	455p	115	36.40
5-1	318p	114	34.00
5-2	1150a	124	37.00
5-3	12m	135	44.89
5-5	500p	approx	20.
5-7	202p	142	48.00
5-13	108p	120	39.60
5-14	526p	120	38.60
5-15	1151a	133	44.00
5-20	253p	152	52.00
5-22	436p	161	56.40
6-2	947a	143	48.40
6-22	410p	244	46.06
6-22	Weir in place		crest of weir
	=150 on gage		
6-25	209p	244	47.67
6-27	925a	216	26.46
6-27	925a	220	29.82 mean Run.
7-1	Peay	80	35.70
7-1	445p	78	34.16 (Peay)
7-2	657a	226	32.76
7-4	502		1.00 Leakage thru Weir
7-6	715a	66	26.46
7-8	103p	est	1.00
7-11	701p	est	1.00
7-15	311p	est	1.00
7-23	416p	est	1.00
7-26	749p	est	1.00

Continued on next page

Computations made by T. F. Wentz 20 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 Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Me	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.

Provo City Factory Race (concluded)

1918.

Date	Time	G.H.	Disch.
7-28			1.00
7-29	1204p		1.00
7-31	333p	est	2.00
8-4	1146a		1.00
8-6	Water in Race.		
8-7	443p	74	32.50
8-8	230p	2.26	33.76
8-13	442p	70	29.98
8-15	456p	75	33.20
8-19	902a	64	25.44
8-20	849a	53	19.84
8-21	825a	71	30.61
8-22	952a	63	26.14
8-23		62	23.94 mean
8-23	609p	.08	2.05
8-27	1234p	23	
8-27	1	62	24.94 mean Run.
9-6	312p	70	29.98
9-12	951a	70	29.98
9-18	242p	88	42.50
9-27	1140a	91	44.68

Provo City. City Race
8' Rating Flume.

1918

Date	Time	G.H.	Disch.
4-30	445p	62	10.10
5-1	306p	40	7.50
5-2	1142a	85	14.40
5-3	105p	64	10.32
5-7	153p	72	11.70
5-13	130p	54	7.18
5-14	541p	48	6.00
5-15	1143a	72	12.00
5-20	300p	83	14.70
5-22	425p	106	18.70
6-2	939a	100	16.50
6-22	426p	108	18.40
6-25	227p	92	15.80

Provo City City Race (Concluded.)

1918

Date	Time	G.H.	Disch.
6-27	912a	75	12.50
7-1	Ray	57	8.00
7-1	445p	58	7.80 Ray.
7-2	645a	74	12.40
7-4	450p	92	15.80
7-6	730a	62	10.40
7-8	120p	84	12.81
7-11	653p	88	13.80
7-15	324p	71	9.95
7-23	430p	80	12.03
7-26	737a	82	13.90
7-28	950a	Ray	13.90
7-29	1154a	101	17.60
7-31	307p	99	16.42
8-4	1138a	78	13.10
8-7	412p	39	4.64
8-8	248p	46	5.70
8-13	501p	59	8.00
8-15	446p	68	9.70
8-19	852a	50	6.40
8-20	842a	41	5.00
8-21	815a	52	6.70
8-22	931a	53	6.90
8-23	Mean	53	6.90
8-23	550p	77	11.50
8-27	1216p	47	
8-27	mean am.	56	7.50
9-6	259p	33	3.70
9-12	944a	64	8.90
9-18	223p	44	5.40
9-27	1127a	52	6.70

Total

Computations made by J. F. Wentz 21

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 Discharge Observations 1918.

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 City Tanner Race 1'x8' Suppressed Weir.													
1918	Time	G.H.	Disch.										
4-30		50	10.10										
5-1	257p	40	7.12										
5-2	1133a	50	10.10										
5-3	132p	26	3.72										
5-7	214p	36	6.08										
5-13	203p	26	3.72										
5-14	548p	20	2.50										
5-15	1204p	24	3.30										
5-20	310p	36	6.08										
5-22	416p	49	9.76										
6-2	926a	43	8.00										
6-22	435p	52	10.68										
6-25	237p	37	6.34										
6-27	939a	42	7.66										
7-1	(P)	36	6.08										
7-6	assmd		6.08										
7-8	147p	36	6.08										
7-11	640p	47	9.14										
7-15	345p	54	11.32										
7-23	449p	45	8.48										
7-26	819a	48	9.48										
7-28	942a	42	7.66										
7-29	1145a	55	11.68										
7-31	407p	57	12.28										
8-4	1205p	46	8.84										
8-7	513p	35	5.81										
8-8	300p	27	3.94										
8-13	510p	42	7.66										
8-15	524p	37	6.34										
8-21	845a	32	5.09										
8-23	mum	33	5.32										
8-23	635p	38	6.60										
8-27	1257p	29											
8-27	mumam	30	4.61										
9-6	330p	52	10.68										
9-12	1009a	36	6.08										
9-18	205p	30	4.61										
9-27	12m	40	7.14										
Total													

Young Ditch.

1918 Date	Time	G.H.	Disch.
5-3	1132a		00
5-13	122p		00
5-15	1130a	28	1.02
7-6	646a		0.50
7-8	1156a	40	1.01
7-15	245p	50	1.10
7-26	720a	est	1.00
7-31	242p		1.50
8-7	342p	70	1.87
8-15	415p	70	1.87
8-19	932a	est	.75
8-23	514p	58	1.44
8-27	1329	24	.36
9-6	239p	est	0.75
9-27	1058a		0.0

Geo Baum Ditch.

1918 Date	Time	G.H.	Disch.
5-3	1132a		1.25
5-13	122p	est	0.50
7-6	646a		00
7-8	1155a	est	0.50
7-15	242p	85	1.75
7-23	348p	95	2.36
7-26	720a		00
7-31	241p		0.25
8-7	349p	est	.30
8-15	417p	100	2.90
8-19	932a		00
8-23	5mp	85	2.14
8-27	1134a	est	.50
9-6	239p		00
9-27	1058a		00

Computations made by J. F. Wentz 22 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 Register Record East Union Canal, Provo City 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
		June 1918		July 1918		August 1918		September 1918					
		GH.	Disch	GH.	Disch	GH.	Disch	GH	Disch				
1						85	22.49	—					
2				78	19.44	80	20.30	77	19.10				
3				79	19.86	82	21.13	69	16.04				
4				97	27.75	—		60	12.95				
5				80	20.30	89	24.11	70	16.46				
6				80	20.30	82	21.13	73	17.55				
7				92	25.43	83	21.56	71	16.76				
8				87	23.26	80	20.30	86	22.88				
9				84	21.95	81	20.71	68	15.69				
10				85	22.49	—		68	15.69				
1				102	30.13	—		67	15.30				
2		96	27.34	95	26.81	—		65	14.69				
3		95	26.81	—		78	19.44	66	15.04				
4		99	28.69	—		74	17.93	70	16.46				
5		100	29.21	—		71	16.76	58	12.18				
6		92	25.43	84	21.95	70	16.46	53	11.63				
7		99	28.69	92	25.43	68	15.69	50	9.73				
8		98	28.21	85	22.49	87	23.26	51	10.02				
9		98	28.21	79	19.86	71	16.76	50	9.73				
20		103	30.68	80	20.30	72	17.15	72	17.15				
1		70	16.46	89	24.11	73	17.55						
2		96	27.34	86	22.88	76	18.66						
3		99	28.69	80	20.30	—							
4		96	27.34	80	20.30	—							
5		95	26.81	81	20.71	—							
6		91	25.00	84	21.95	66	15.04						
7		88	23.72	91	25.00	70	16.46						
8		86	22.88	91	25.00	72	17.15						
9		82	21.13	92	25.43	72	17.15						
30		95	26.81	85	22.49	71	16.76						
1		—		90	24.58	73	17.55						
Total													

Computations made by J. F. Wentz 23 Observations made by Register

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Provo City Factory Race. Register Record. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
		June 1918			July 1918			August 1918			Sept 1918		
		GH	Disch		GH	Disch		GH	Disch		GH	Disch	
1										1.00			1.00
2					79/11.3		1735			"			1.00
3					—					"	63-11.00		12.28
4					—					"	70-11.3		14.64
5					—			58/9.		9.07	66-10.7		12.78
6					66/10.6		1269	73/10.		13.83	70-10.5		13.68
7							1.00	70/10.3		13.44	69-10.3		13.16
8							"	75/10.		14.40			1.00
9							"	66-10		12.02	72-10.5		14.22
10							"	64-8		9.46	62-17.5		
1							"		~~1.00~~	1.00	57-24.0		22.00
2							"	70/10.3		13.44	52.	"	19.28
3							"	68-10.7		13.34	66.	"	27.47
4							"	70-10.9		14.16	88.	"	42.50
5							"	75-10.9		15.62	86	"	41.05
6							"	72-11.0		14.85	82	"	37.97
7							"	65-10.9		12.68	84	"	39.64
8							"			1.00	84	"	39.64
9							"	57-11.2		10.80	—		
30							"	58-10.8		10.69	—		
1							"	66-11		13.12	—		
2							"	62-10.9		11.96	—		
3							"	63-11.		12.28			
4							"	—					
5							"			1.00			
6							"	60-10.6		11.04			
7							"	62-10.4		11.36			
8							"	66-10.9		13.00			
9							"	63-10.8		12.07			
30					90/2.5		5.47	63-10.8		12.07			
1							2.00	58-10.8		10.69			

Note: 79/11.3 reads G Height of 79 for 11.3 hours.
66-10 read gage height of 66 for 10 hours.
Discharge shown above is mean for the 24 hour day.

Total

Computations made by T. F. Wentz 24 Observations made by Register

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for City Race Provo City Register Record 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
				June 1918		July 1918		August 1918		Sept. 1918			
				GH	Dis.	GH	Dis.	GH	Dis.	GH.	Disch		
1						103	17.80	96	15.60	77	11.50		
2						100	17.40	93	14.90	82	12.50		
3						82	13.80	90	14.20	81	12.30		
4						100	17.40	77	11.50	74	10.90		
5						74	12.40	72	10.50	76	11.30		
6						89	15.20	70	10.10	70	10.10		
7						130	24.00	69	9.90	62	8.50		
8			Current change			94	16.20	70	10.10	78	11.70		
9						84	12.90	78	11.70	72	10.50		
10						86	13.40	75	11.10	77	11.50		
1						95	15.40	90	14.20	72	10.50		
2						84	12.90	78	11.70	76	11.30		
3						92	14.70	76	11.30	74	10.90		
4						85	13.10	73	10.70	72	10.50		
5						72	10.50	80	12.00				
6						80	12.00	83	12.70				
7						97	15.80	93	14.90				
8						89	14.00	147	27.50				
9						83	12.70	68	9.70				
20						84	12.90	58	7.80				
1						93	14.90	65	9.10				
2						90	14.20	62	8.50				
3						84	12.90	66	9.30				
4						84	12.90	69	9.90				
5				85	15.00 ~~13.80~~	83	12.70	76	11.30				
6				102	17.80	80	12.00	63	8.70				
7				96	16.60	94	15.10	66	9.30				
8				90	15.40	124	22.00	68	9.70				
9				90	15.40	92	14.70	69	9.90				
30				136	25.40	92	14.70	68	9.70				
1				—		96	15.60	66	9.30				
Total													

Computations made by T. F. Wentz 25 Observations made by Register

Provo Reservoir Co.
vs.
Provo City et al

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Tabulation of Flow and Distribution of Provo River for Tanner Race Provo City. Register Record 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Suppressed Weir 1' x 8.0'													
				June 1918		July 1918		Aug. 1918		Sept. 1918			
				GH	Disch	GH	Disch	GH	Disch	GH	Disch.		
1						—		57	12.28	45	8.48		
2						—		53	11.00	43	7.96		
3						45	8.48	50	10.10	41	7.40		
4						—		44	8.21	47	9.14		
5						—		46	8.84	48	9.48		
6						—		42	7.66	48	9.48		
7						—		39	6.85	45	8.48		
8						—		39	6.85	49	9.76		
9						—		50	10.10	43	7.96		
10						—		43	7.96	43	7.96		
1						—		58	12.60	38	6.60		
2						—		51	10.37	39	6.85		
3						—		48	9.48	37	6.34		
4						—		43	7.96	36	6.08		
5						—		46	8.84	—			
6						—		40	7.14				
7						54	11.32	37	6.34				
8						54	11.32	40	7.14				
9						48	9.48	31	4.84				
20				54	11.32	47	9.14	32	5.08				
1				47	9.14	48	9.48	34	5.57				
2				48	9.48	49	9.76	33	5.32				
3				51	10.37			36	6.08				
4				44	8.21			34	5.57				
5				—		48	9.48	33	5.32				
6				—		47	9.14	40	7.14				
7				46	8.84	44	8.21	34	5.57				
8				46	8.84	41	7.40	33	5.32				
9				—		49	9.76	35	5.81				
30				—		53	11.00	35	5.81				
1						54	11.32	38	6.60				
Total													

Computations made by T. F. Weintz 76 Observations made by Register.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet. 7.

Tabulation of Flow and Distribution of Provo River for Provo City Canals. Register Record. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
		JUNE.							JULY.				
	East Union	Factory Race.	City Race.	Farmer Race	Total.			East Union	Factory Race	City Race.	Farmer Race.	Total.	
1										17.80			
2								19.44	9.35	17.40			
3								19.86		13.80	8.48		
4								27.25		17.40			
5								20.30		12.40			
6								20.30	12.69	15.20			
7								25.43	1.00	24.00			
8								23.26	1.00	16.20			
9								21.95	1.00	12.90			
10								22.49	1.00	13.40			
1								30.13	1.00	15.40			
2	27.34							26.81	1.00	12.90			
3	26.81								1.00	14.70			
4	28.69								1.00	13.10			
5	29.21								1.00	10.50			
6	25.43							21.95	1.00	12.00			
7	28.69							25.43	1.00	15.80	11.32	53.55	
8	28.21							22.49	1.00	14.00	11.32	48.81	
9	28.21							19.86	1.00	12.70	9.48	43.04	
20	30.68			11.32				20.30	1.00	12.90	9.14	43.34	
1	16.46			9.14				24.11	1.00	14.90	9.48	49.49	
2	27.34			9.48				22.88	1.00	14.20	9.76	47.84	
3	28.69			10.37				20.30	1.00	12.90			
4	27.34			8.21				20.30	1.00	12.90			
5	26.81		15.00					20.71	1.00	12.70	9.48	43.89	
6	25.00		17.80					21.95	1.00	12.00	9.14	44.09	
7	23.72		16.60	8.84				25.00	1.00	15.10	8.21	49.31	
8	22.88		15.40	8.84				25.00	1.00	22.00	7.40	55.40	
9	21.13		15.40					25.43	1.00	14.70	9.76	50.89	
30	26.81		25.40					22.49	5.47	14.70	11.00	53.66	
1								24.58	2.00	15.60	11.32	53.50	

Total

Computations made by J. F. Wentz 27

Observations made by Register.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 2.
Provo City Canals.

Tabulation of Flow and Distribution of Provo River for Register Record 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
	August.							September.					
	East Union	Factory Race	City Race	Tanner Race	Total.			East Union	Factory Race	City Race	Tanner Race	Total.	
1	22.49	1.00	15.60	12.28	51.37				1.00	11.50	8.48		
2	20.30	1.00	14.90	11.00	47.20			19.10	1.00	12.50	7.96	40.56	
3	21.13	1.00	14.20	10.10	46.43			16.04	12.28	12.30	7.40	48.02	
4		1.00	11.50	8.21				17.95	14.64	10.90	9.14	47.63	
5	24.11	9.07	10.50	8.84	52.52			16.46	12.78	11.30	9.48	50.02	
6	21.13	13.83	10.10	7.66	52.72			17.55	13.68	10.10	9.48	50.81	
7	21.56	13.44	9.90	6.85	51.75			16.76	13.16	8.50	8.48	46.90	
8	20.30	14.40	10.10	6.85	51.65			22.88	1.00	11.70	9.76	45.34	
9	20.70	12.02	11.70	10.10	54.52			15.69	14.22	10.50	7.96	48.37	
10		9.46	11.10	7.96				15.69		11.50	7.96		
1		1.00	14.20	12.60				15.30	22.00	10.50	6.60	54.40	
2		13.44	11.70	10.37				14.69	19.28	11.30	6.85	52.12	
3	19.44	13.34	11.30	9.48	53.56			15.04	27.47	10.90	6.34	59.75	
4	17.93	14.16	10.70	7.96	50.75			16.46	42.50	10.50	6.08	75.54	
5	16.76	15.62	12.00	8.84	53.22			12.18	41.05				
6	16.46	14.85	12.70	7.14	51.15			11.63	37.97				
7	15.69	12.68	14.90	6.34	49.61			9.73	39.64				
8	23.26	1.00	27.50	7.14	58.90			10.02	39.64				
9	16.76	10.80	9.70	4.84	42.10			9.73					
20	17.15	10.69	7.80	5.08	40.72			17.15					
1	17.55	13.12	9.10	5.57	45.34								
2	18.66	11.96	8.50	5.32	44.44								
3		12.28	9.30	6.08									
4			9.90	5.57									
5		1.00	11.30	5.32									
6	15.04	11.04	8.70	7.14	41.92								
7	16.46	11.36	9.30	5.57	42.69								
8	17.15	13.00	9.70	5.32	45.17								
9	17.15	12.07	9.90	5.81	44.93								
30	16.76	12.07	9.70	5.81	44.34								
1	17.55	10.69	9.30	6.60	44.14								

Total

Computations made by J. F. Wentz 28

Observations made by Register

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Discharge Observation 1918.

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

Little Dry Creek Canal.

1918 Date	Time	G.H.	Disch.
5-2	Calls for more water, I call Perry and request him to turn 7-8 cfs by City Dam.		
5-3	155p	58	6.50
5-13	221p	42	2.91
5-15	1211p	42	2.91
6-25	305p	52	
6-25	By Dam est 1.50		
7-5	Request for more water.		
7-6	800 Raised 4 cfs.		
7-8	207p	58	5.90
7-11	629p		6.00
7-11	Raised to		8.00
7-11	Flung out for repairs.		
7-15	405p		6.88
7-23	500p		6.27
7-31	418p		7.80
7-31	2000 cfs over Dam.		
8-6	956a		4.73
8-7	530p		4.50
8-13	Raised.		
8-15	534p		5.35
8-15	Raised.		
8-23	647p	58	5.95
8-27	108p	44	
9-6	340p	50	4.76
9-27	1215p	28	2.00

River Below Fort Field Canal.

1918 Date	Time	G.H.	Disch.	1918 Date	Time	G.H.	Disch.
5-3	230p		2.50	7-8	250p		00
5-13	302p		2.50	7-14	305p est.		5.50
5-25	approx		40.—	7-15	p		2.50
5-30	"		30.—	7-23	559p est		0.20
6-1	"		25.—	7-30	555p est		0.10
6-2	"		50.—	8-7	606p est		1.25
6-22	500p approx		75.—	9-27	115p	205	91.22
6-24	7p "		30.				

Total

Fort Field Canal.

1918 Date	Time	G.H.	Disch.	
5-3	230p		00	
5-13	300p		00	
7-8	240p	50	2.04	Raised to 5 cfs.
7-15	438p	69	3.97	
7-23	546p	54	2.47	
7-30	543p	52	2.35	
8-7	556p	65	3.01	
9-27	1233p	104	5.75	

Lake Bottom Canal.

1918 Date	Time	G.H.	Disch.
5-3	259p	40	6.55
5-13	327p	83	15.05
7-8	314p	95	9.40
7-15	508p	120	11.57
7-23	620p	100	11.71
7-30	611p	85	7.66
8-7	628p	100	7.93
8-24	1202p	156	10.00
9-27	206p		00

Total Spring Creek and Lake Bottom Canal. Diversions.

1918 Date	Disch.
5-3	12.05
5-13	17.96
7-8	16.72
7-15	17.51
7-23	18.42
7-30	17.73
8-7	17.68
8-24	18.85
9-27	00

Computations made by T. F. Wertz

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Observations made by T. F. Wertz

Provo Reservoir Co.
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Tabulation of Flow and Distribution of Provo River for Discharge Observations 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Olmstead Flume.													
1918.													
Date	Time	G.H.	Disch.										
6-28	1118a	477	228.96	"Dommons St."									
6-29	approx		221.		"								
6-29	out to approx		201.50		"								
7-7	12m	14 ft	Factory Race Water										
	To Provo Res. Canal.												
7-10	500p	570	171.64	"Nunns St"									
7-15	1130a	590	203.52		"								
7-23	1115a	526	193.84		"								
7-27	1131a	510			"								
7-31	1143a	504	180.00		"								
8-7	1118a	518	187.64		"								
8-15	1256p	516	180.29		"								
8-23	1158a	480	162.79		"								
9-6	1138a	492	165.26		"								
Lost Creek.													
1918													
Date	Time	G.H.	Disch.										
7-17	340p		1.41										
8-2	402p		2.87										
Bridal Veil Falls.													
1918													
Date	Time	G.H.	Disch.										
7-17	500p		3.61										
8-2	521p		3.59										
Upper Ward Quarter Spring.													
1918													
Date	Time	G.H.	Disch.										
7-17	424p		0.60										
8-2	452p		280.60										
Nunns River Gage. 200 ft Below Nunns Spill. in river. inclined.													
1918													
Date	Time	G.H.											
7-11	930a	68											
7-12	607p	64											
7-15	1236p	72											
7-18	246p	55											
7-19	441p	62											
7-23	1059a	60											
7-27	1143a	47											
7-31	1124a	40											
8-7	1225p	38											
8-7	Nunns Spill & Run 2 cfs												
8-15	1234p	34											
8-23	1141a	33											
9-6	1114a	37											
Total													

Computations made by J. F. Wentz 30 Observations made by J. F. Wentz

Provo Reservoir Co.
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Tabulation of Flow and Distribution of Provo River for Discharge Observations 1918.

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

Utah Valley Summary 1918.

Date	Total Diverted.	To Lake	Total Utah Valley	Disch. USGS. Stat.	Inflow.
5-3	364.34	2.50	366.84	322	45
5-13	397.43	2.50	399.93	378	22
7-8	315.07	—	315.07	253	62
7-15	385.96	2.50	388.46	340	48
7-23	336.29	0.20	336.49	287	49
7-31	291.53	0.10	291.63	214	78
8-7	295.39	1.25	297.64	223	73
8-15			298.	208	90
8-23	266.46	.75	267.21	186	81
9-6			278.04	198	80
9-27	198.39	91.22	297.11	250	47

U.S.G.S. Station, On Main River. Near North Fork. "New Station"
1918

Date	Time	G.H.
5-6	1059	114
5-6	815p	127
5-25	625p	198
6-15	645p	288
6-22	923a	152
7-9	238p	55
7-10	1239p	65
7-12	958a	70
7-12	546p	69
7-18	318p	58
7-19	407p	58
8-1	243p	34
8-2	120p	38
8-9	1016a	38
8-14	736p	33
8-16	440p	32
8-22	616p	27
9-7	600p	33
9-14	257p	29

U.S.G. Station on River Near Vivian Park. "Old Station".
1918

Date	Time	G.H.
7-9	224p	110
7-10	1253p	116
7-19	417p	112
8-2	227p	100
8-16	525p	95

U.S.G.S. Station on South Fork Provo River near Vivian Park.
1918.

Date	Time	G.H.
7-9	230p	54
7-10	1247p	57
7-19	414p	54
7-24	207p	59
8-2	223p	52
8-16	521p	34

Total

Computations made by T. F. Wentz 31

Observations made by T. F. Wentz

Provo Reservoir Co.
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Discharge. Lower Station.

Tabulation of Flow and Distribution of Provo River for Provo Bench Canal 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
1918.							1918						
Date	Time	G. H.	Disch.				Date	Time	G.H.	Disch.			
4-27	Cleaned Flume & set gages.						6-30		172	82.05			
4-28	Turned Water in at 10.45a.						7-3	537a	168	78.19	Average Run.		
4-28	12m.	212	128.25				7-4	140p	168	78.09			
4-30	cleaned Register & started at 10.00a.						7-6	458a	170	79.76			
4-30	1000a	212	128.25				7-6	531p	166	76.45			
5-1	440p.		out.				7-7	852a	167	77.37			
5-2	840a	165	78.92				7-8	817a	164	74.90			
5-2	Tailrace gate have been changed.						7-9	820a	166	76.15			
5-2	Raised 0.20 at head.						7-9	Raised					
5-2	1025a	189	100.—				7-11	955a	183	90.00			
5-3	838a	184	94.50				7-12	809a	186	92.40			
5-4	907a	184	94.50				7-14	950a	184	90.15			
5-4	Raised 0.05 at head.						7-15	900a	1905	95.08			
5-5	Raised.						7-16	600a	out.				
5-6	921a	193	103.—				7-16	756a	176				
5-6	Raised						7-18	1132a	177	76.57			
5-7	845a	204	113.50				7-21	427p	178	81.25			
5-11	1143a	216	132.50				7-23	835a	176	78.48			
5-13	900a	202	116.57				7-25	507a	176	78.50			
5-13	640p	out	70 cfs				7-25	Cleaned of moss.					
5-15	845a	184	97.50				7-25	542p	175	77.50			
5-15	Raised 40 cfs.						7-26	525a	170	73.50			
5-20	845a	206	119.40				7-29	610a	168	71.89			
5-20	out.						7-29	701a	out	0.05 at head.			
5-20	1035a	190	103.75				7-31	852a	158	63.86			
5-20	145p	196	109.60				8-1	Raised 0.10 at head.					
5-22	538p	203	117.50				8-1	142p	166	70.25			
5-25	728p	223	135.28				8-1	205p	Raised.				
6-2	1122a	219	130.16				8-4	1010a	167	68.37			
6-16	500p	229	137.90				8-4	1040a	Raised 0.05 at head.				
6-22	837a	233	140.90				8-5	900a	172	71.65			
6-24	807a	235	142.79				8-7	942a	170	67.88			
6-24	out about 20 cfs.						8-9	Raised					
6-25	836a	208	116.20				8-15	909a	176	69.44			
6-25	out 0.15 at head.						8-15	On account of rapid changes in canal it is hard to keep in adjustment by gages.					
6-25	1145a	196	104.50										
6-26	640p	180	89.30				8-18	1006a	174	65.00			
6-26	Raised						8-18	Put 7 inch board on diversion gate					
6-27	813a	183	91.84				8-18	1248p	182	65.00			
6-28	530a	183	91.84				8-17	Men working cleaning moss.					
6-29	744p	168	78.70										
Total													

Plaintiffs Exhibit 13
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Computations made by J. F. Wentz 32

Observations made by J. F. Wen

Provo Reservoir Co.
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Tabulation of Flow and Distribution of Provo River for Discharge Lower Station Provo Bench Canal 1918.

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

1918 T.F. Wentz. Obsr.

Date	Time	G.H.	Disch.
8-19	1050a	closed by J.S. Park.	
8-19	1120a	opened by Wentz.	
8-21	737a	186	63.69
8-23	907a	184	58.84
8-24	902a	186	60.65
8-24	935a	Raised 05 at head.	
8-25	328p	192	64.00
8-26	1250p	190	64.00
8-26	Raising Mean Run 188.		
8-27	845a	192	
8-27	845a	189 Mean Run	64.00
9-3	755a	206	70.3
9-6	842a	2005	61.21
9-7	855a	Raised	
9-9	858a	213	75.98
9-9	Raised		
9-9	956a	216	79.00
9-20	Cleaned of mass.		
9-24	Joseph Frampton reduces.		
9-24	555p	192	60.00
9-27	854a	191	59.82
10-9	9-30a	197	66.00
10-9	Took out sill.		
10-9	1020a	182	66.00.

1918 Jos. Frampton. Obsr.

Date	Time	G.H.	Disch.
4-28	12m	212	128.75
4-30	403p	212	128.75
5-3	425p	182	93.83
5-8	1235p	202	114.95
5-12	440p	206	120.47
5-17	1050a	212	125.70
5-18	545p	214	127.50
5-19	1135a	208	121.58
5-22	1130a	208	121.03
5-25	350p	220	132.35
5-27	350p	220	132.05
531	210p	216	127.55

1918 Jos. Frampton Obsr.

Date	Time	G.H.	Disch.
6-2	100p	218	129.18
6-7	535p	234	144.11
6-11	450p	238	147.43
6-14	615p	232	141.10
6-16	520p	229	137.85
6-19	615p	230	138.40
6-20	440p	232	140.20
6-23	1255p	236	143.77
6-30	625p	175	84.50
7-20	425p	172	76.45
7-25	1230p	174	76.76
8-4	1220p	166	67.55
8-18	1006a	174	64.75
	Raised sill at dividing weir 7 in. Cut Provo Resr. to 7 cfs.		
8-18	1248p	182	
9-6	1130a	200	60.70

Provo Bench Canal. Upper Station.

1918 Jos. Frampton Obsr.

Date	Time	G.H.	Disch.
6-20	410p	192	
6-23	1215p	194	
6-30	530p	140	
7-19	1140a	132	
220	320p	136	
7-25	340p	134	
8-4	1150a	128	
9-6	1100a	134	
9-15	1120a	164	
9-16	405p	162	
9-16	530p	148	

Provo Bench Canal Upper Station.

1918 T.F. Wentz Obsr.

Date	Time	G.H.
4-28	1122a	175
5-11	930a	175
8-16	606p	128
8-24	922a	124
8-24	1003a	128.

Plaintiffs Exhibit 13a
Case No. 5726 Civil
E.B.D. Court Clerk

Total

Computations made by T.F. Wentz

33

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Discharge Lower Station Provo Bench Canal 1918.

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

Register Records.

	May	June	July	Aug	Sept.
1	118.95	132.30	80.05	66.25	75.60
2	96.15	131.15	81.60	68.55	72.45
3	95.65	133.95	77.40	70.10	69.30
4	97.90	137.70	77.40	70.05	61.25
5	102.05	139.50	77.30	74.25	61.00
6	110.20	143.30	78.10	74.10	60.70
7	117.50	144.10	77.40	70.40	64.90
8	117.90	144.95	72.50	70.10	72.80
9	125.15	144.80	77.00	69.50	74.05
10	115.75	144.65	81.60	70.65	73.80
1	116.15	146.45	89.15	70.90	73.80
2	124.50	145.30	93.35	70.30	73.80
3	120.40	145.20	95.75	69.70	74.80
4	111.45	142.10	94.30	70.00	73.70
5	100.75	137.00	95.65	68.60	74.80
6	108.20	137.85	87.25	70.60	90.43
7	120.80	137.70	82.85	67.40	74.80
8	124.60	133.60	78.95	63.05	64.00
9	124.45	130.55	73.50	70.55	64.95
20	114.50	139.20	79.00	61.65	67.00
1	112.35	140.05	83.00	61.85	70.00
2	118.10	142.90	79.90	60.25	71.95
3	123.85	141.80	77.60	58.80	86.65
4	129.55	133.00	77.60	62.35	67.00
5	136.25	108.40	76.80	65.90	61.15
6	134.15	93.90	73.55	63.30	61.15
7	133.05	92.85	72.70	65.95	60.20
8	128.95	90.95	70.25	66.65	56.45
9	126.85	85.50	67.80	67.45	57.35
30	127.70	84.55	65.45	72.15	58.30
1	129.45		65.45	72.90	
Total	3663.25	3905.25	2456.70	2104.25	2068.23
Acre Feet	7326	7810	4913	4208	4136

Plaintiffs Exhibit 131
Case No. 5726 Civil
Court Clerk

Total

Computations made by J. F. Wentz 31 Observations made by Register

vs.

Provo City et al

2888 Civil

PROVO DIVISION. 1918.

Tabulation of Flow and Distribution of Provo River for OUTLINE OF DISTRIBUTION. June 20-July 20.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Group "A".													
Provo Bench C.&.I.CO. et al				69 02	6.90		76.92			76.92			
West Union et al				30.16			30 16			30.16			
Park & Nuttal Ditch				1.34			1.34			2.31			
Barton & Young Ditch				.97			.97						
U.East Union & Faucett Fd.				14.00	2.00		16.00			16.00			
City Creek Ditch, Young Ditch,													
Baum Ditch & Dixon Ditch				2.04			2.04			2.04			
East Riv. Bottoms Water Co.				6.04			6.04			6.04			
Provo City:													
Farm Acreage				32.68									
City Lots (Assummed 450 Ac)				9.00	Total		55.43			55.43			
Factory Race				13.75									
Water works Assummed unless later noted							6.00			6.00			
Little Dry Creek				7.67			7.67			7.67			
Fort Field Irrig. Co.				6.38			6.38			6.38			
Lake Bottom Canal Co et al				13.56		4.00	9.56			9.56			
Spring Creek Users				6 06			6.06			6.06			
Sub-total										224.57			
Group "B".													
Timpanogus Canal Co.				12.83	2.00		14.83			14.83	4.9 %		
U.P.&.L.CO. from River				229.00			229.00			229.00	76%		
Provo Res. Co.	Blue Cliff			50.00			50.00						
" " "	Wright Water 5.5 less 10%						5.00	Total		57.50	19.1 %		
" " "	Dixon Water						2.50						
Sub-total										301.33			

Provo. Res. Co. to recieve Ontario Tunnel Water less 5.5 cfs.
2

U.P.&.L.CO. to recieve Lost Creek, Bridal Veil Falls, and Guard Quarters, and Ontario Tunnel Water less 5.5 cfs.
2

Provo Bench Canal Co. amount includes 0.25 cfs of Caleb Tanner paragraph 20 of decision.

Provo Reservoir Co. & Sego to recieve storage as shown from time to time.

Total

Computations made by ..... 35 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

PROVO DIVISION

Outline of distribution, July 20 to Sept 1,1918

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

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Group "A".													
Provo Bench Canal Co et al				6[illegible].14	8.[illegible]1		68.55			68.55			
West Union et al				27.14			27.14			27.14			
Park & Nuttal Ditch				1.17			1.17			2.03			
Barton & Young Ditch				0.86			0.86						
Upper East Union & Faucett Fd				1[illegible].56	2.44		15.00			15.00			
City Creek Ditch, Young Ditch													
Baum Ditch & Dixon Ditch				1.86 5.29			1.86 5.29			1.86 5.29			
Provo City :													
Farm acerage				29.40)									
City Lots(Assumed 450 Acres)				9.00)	Total		52.15			52.15			
Factory Race				13.75)									
Waterworks assumed at(unless later noted)										6.00			
Little Dry Creek				6.75			6.75			6.75			
Fort Field Irrig Co				5.74			5.74			5.74			
Lake Bottom Canal Co et al				12.75		4.	8.75			8.75			
Spring Creek Users				5.29			5.29			5.29			
										~~204.35~~ 204.20			
Group "B"													
Timpanogos Canal Co				11.30	2.00		13.30			13.30	4.43		
Utah Power & Light Co from river				229.			229.			229.	76.4		
Provo Reservoir Co.,				50.			50.				19.2		
" " " Wright Water				5.5 les 10%			5.			57.50			
" " " Dixon water							2.50						
Sub-total										~~[illegible]~~ 299.80			

Provo Reservoir Co. to receive Ontario Tunnel water less 5.50 cfs.

Utah Power & Light Co., to receive Lost Creek, Bridial Veil Falls and Guard Quarters and Ontario Tunnel Water less 5.50 cfs

Provo Bench Canal Co., amount includes 0.25 cfs of Caleb Tanner paragraph 20 Dec.
Provo Reservoir Co., to receive Storage as shown from time to time.

Total

Computations made by ..... 36 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

PROVO DIVISION
Outline of Distribition Sept 1 to Oct.1,1918.

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

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Group "A".													
Provo Bench et al				62.14	6.21		68.35			68.35			
West Union et al				27.14			27.14			27.14			
Park & Nuttal				1.05			1.05 :			1.82			
Barton & Young				.77			.77 :						
Upper E.Union & Faucett Bd.				12.44			12.44			12.44			
City Creek Ditch, Young Ditch, Baum Ditch & Dixon Ditch				1.68			1.68			1.68			
E.River Bottoms Water Co.				4.92			4.92			4.92			
Provo City:													
Farm Acreage				29.40:	Total								
City Lots(Assmd 450 acres)				6.43:			52.33			52.33			
Factory Race				16.50:	(On Stipulation of Sept. 4,1918.)								
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~							~~10.50~~			~~10.50~~			
Little Dry Creek				6.75			6.75			6.75			
Sub-total										175.43			
Group "AA"													
Fort Field Irrig Co.				4.60			4.60			4.60			
Lake Bottom Can Co etal				10.19		4.00	6.19			6.19			
Spring Creek Users				4.76			4.76			4.76			
Sub-total										15.55			
Group "B".													
Timpanogus Canal Co.				11.30	2.00		13.30			13.30	4.4%		
Utah Power & Light Co.				229.			229.			229.	76.4%		
Provo Reservoir Co.				50 :									
Wright Water				5. :			57.50			57.50	19.2%		
Dixon Water				2.50:									
Sub-total										299.80			

Provo Reservoir Co to Recieve $\frac{\text{Ontario Tunnel Water Less 5.5 cfs.}}{2}$

Utah Power & Light Co to Recieve $\frac{\text{Ontario Tunnel Water less 5.5 cfs.}}{2.}$

Utah Power & Light Co to recieve Lost Creek, Bridal Veil Falls, and Guard quarters springs.
Provo Bench Canal Co. amount includes 0.25 cfs. of Caleb Tanner Par.20.Dec.
Provo Reservoir Co to recieve storage as shown from time to time.

Provo City Water works all of springs as stipulated Sept 4,1918,
Assumed at 10.50 unless later advised. 10.50

Total

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

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for april 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
april 18, 1918.													
Allens Pump	1100a	144	19.29										
Jr Fleming went over Weidt Canal, and arranging for some time gate Lotes.													
april 19, 1918													
North Creek Pump	1112a	130	13.83										
North Creek opposite Pump	1155a		3.17										
Lobing Creek	1227p	37	2.94										
Burbot Ditch	1250p		~~00~~										
Kuhn Ditches			~~00~~										
Mound Ditch	105p		~~00~~										
West Bench	110p		2.00										
North Creek by Ford	200p		25.07										
Mahogany Sp. Creek	230p		1.25										
			28.32										
J S Brown Well	320p	21.1	~~00~~										
april 27, 1918.	Cleaned Provo Bench Flume and set gages by level.												
april 28, 1918	Weld Joseph Pumpkin turned water into Provo Bench Canal at 1045 a.m.												
Provo Bench upstat.	1100a	1.75											
Provo Bench L. St.	12m.	2.12	128.75 ~~120.40~~										
april 30, 1918.	Provo Bench Canal Lower station; cleaned Regulator and started at 1000a												
Provo Bench L.S.	1000a	2.12	~~120.40~~ 128.75										
West Union.	cleaned station unlatched weir and set gage.												
West Union	12m	1.00	45.36										
Cleaned Dorlin & Young Weir and set gage.													
Dorlin & Young.	240p	0.12	0.40										
W.B.U.I.&F.P.2.	330p	0.30	4.61										
City Race	445p	62	10.10										
East Union	453p	56	10.91										
Farley Race	455p	115	36.40										
Tanner Race		50	10.10	(Pump)									
Total													

Computations made by T. F. Wentz 38 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 May 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
May 1, 1918.													
Farmer Race	257p	40	7.15										
City Race	306p	40	7.50										
East Union	316p	41	7.15										
Factory Race	318p	114	34.00										
			55.77										
Provo City, Impromptu and U&L. Union apply for more water.													
at 430p Cut West Union at 440p Cut Provo Bench.													
at 445p. Impromptu ok at head about 20 cfs over dam													
Spill over Provo Res. Co. dam approx 40 cfs.													
at 505p, Raise U&L Union east gate clean of water													
U&L U 4 7 7 R.	505p	est	15.00										
Impromptu	520p	96	14.50										
May 2, 1918													
Provo Bench & St.	810a	165	78.92										
West Union	850a	72	26.66										
Tailrace gates have been changed & Raise Provo Bench 0.20 at head.													
Provo Res. Canal	920a	170	72.50										
" " Lot #1.	925a	53	2.43										
			74.93										
Provo Res. Co. changing dam.													
River Bottoms & U&L Union & Jarrett Pk. factory on dam at head City Creek.													
Provo Bench	1025a	189	100—										
at 1120a approx 20 cfs by Farmer Race dam, over Farmer Race spillway 200 feet above wier: 5 cfs													
Farmer Race	1133a	50	10.10										
City Race	1142a	85	14.40										
East Union	1148a	62	13.60										
Factory Race	1150a	124	37.00										
			75.10										
approx 12 cfs by dam in River near Buckyard. I call Walter Perry and request him to put in extra dam and turn this water to buckyard channel.													
U&L U 4 7 7 R.	235p	25	19.00	notified Fred Cluff to not change									
Notified Fred Ferguson to have River Bottoms on schedule to-night													
With Richards Center set West Union													
West Union	350p	102	46.80										
" "	358p	925	40.00	after adjustment									
at about 415 part of Provo Res Co. dam breaks.													
West Union	450p	94	40.86	Cut one Hole.,						at 1015p. Call for more water			
I Call Mr. Perry and Request him to						turn 7-8 cfs				by City Dam for Big Creek.			
Total													

Computations made by T. F. Wentz 39 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

sheet 1.

Tabulation of Flow and Distribution of Provo River for May 3, 1918.

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	838a	184	94.50							100.27	5.77		
Provo Bench C & I Co.	of above			61.89	8.00	~~6~~	69.89	20.	12.38	82.27	—	—	
Provo Reservoir Co.	of above									18.00	—	—	
West Union	852a	86	35.52	27.14	—	—	27.14	"	5.43	32.57		5.43	
Park & Nuttall	855a	53	4.20	1.05			1.05	"	.29 ~~1.25~~	1.25			
Provo Res Canal	910a	168	73.97		no change					73.97			
Barton & Young	939a	38	2.48	.77			.77	"	.13 ~~.40~~	.90			
Timpanogos	1002a	106	18.55	11.30	3.00		14.30	"	2.26	16.56 ~~13.56~~		2.00	
U&U & T Fd.	1021a	65	15.12	12.44	3.00		15.44	"	2.49	17.93	2.81	~~2.81~~	
Alfred Young Sht.	1132a		0.0		no change								
George Brown Sht	1133a		1.25		no change					1.25			
Dixon Ditch	1.00p		0.0		"		"						
			245.59										
Provo City													
East Union	1155a	70	16.46										
Factory Race	12M.	135	44.89										
City Race	105p	64	10.32										
Tanner Race	132p	26	3.72										
			75.39	47.44	—	—	47.44	"	9.49	56.93			
Waterworks Assmd			7.00		no change					7.00			
Little Dry Creek	155p	58	6.50	6.75	—	—	6.75	"	1.35	8.10			
Fort Field	23p		0.0		no change								
River Below H Fd.			2.50		"	"				2.50			
River Bottoms			18.81	4.92	See next sheet		4.92	"	~~5.90~~ .18	5.90			
Lake Bottom & Dry Creek			12.05	"	"	"	no change			12.05			
Sub tot		367.84					187.70						
~~Reserve~~										~~20.00~~			
Reserve										30.66			
Total		367.84								367.84			

tal

mputations made by ..... 40 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 2. of two sheets.

Tabulation of Flow and Distribution of Provo River for May 3, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Lake Bottom Canal.	259p	40	6.55										
George Taylor, Detch	313p		00										
Over Spill	313p		00										
Ashted Taylor D.	315p		00										
Partridge Detch	321p		00										
Steve Jones	333p		00										
Tanner W. Detch	349p	26	.90										
Tanner Flume	351p		00										
Tanner E. Detch	353p		00										
From River to 5p Cr.			7.00	approx									
Clyde Detch	410p		4.50										
Roy Brown D.	425p		1.00										
			12.05										

Grand Total 367.84

I call Richard Carter and ask him to put in West Elmer Dam tomorrow.

Total

Computations made by T. H. Wentz [illegible] Signature [illegible] T. H. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for May 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
May 4, 1918													
Provo Bench Ft.	907a	184	94.50										
West Union	921a	86	35.55										
West Union Working on dam. I spend day adjusting gates to distribution as shown by sheet of yesterday.													
Provo Bench	Raised 0.05 at head.												
Impingers	Cut 0.05 at head.												
U.S. & M.S.J.R.	Raised.												
Provo Reservoir	Pushing in dam. flow is not steady - therefore no measurements made down city creek.												
May 5, 1918													
U.S. Union	1007a	90											
U.S. Union & J.J.R.	1015a	66	15.56										
Raised U.S. & J.J.R. to approx 22 cfs.													
Raised Impingers, West Union, & Provo Bench.													
Provo Res. Co.	1045a	210	105.—										
about 20 cfs going down Battery Row at 5 pm.													
May 6, 1918.		Raising Rivers.											
Provo Bench Ft.	921a	193	103.—										
West Union	930a	85	36.85										
Raised Provo Bench & West Union ditches some from Raised River.													
U.S.G.S. gage	1015a	114											
Lower Charleston	Cleaning expect to fill May 8.												
J.S. Brown Wolf	1100a	20.6											
George R. Cottle & Upper Charleston	Reports they are turning all water among to head gate.												
Curtis Clegg	Reports on trip to Lakes April 29 to May 2, :—												
Snow about 5 ft. — not more than half as much as last year, closed Wall Lake valve. about 1 cfs through Washington Lake Valve, prospects for water not formable.													
Talked with Sam Jones, Joseph Stitch, Mr. Cliff regarding Impingers and Bates Power Co.													
Wasatch Canal	526p	118	86.06					(27)					
North Field	531p	157	89.40					(90)					
Impingers D.C.	550p	208	49.00										
Midway River Ditch	approx		30.00										
Everything very encouraging in Wasatch County. I phone Knight he reports; nearly all parties watering Washington turning about 20 cfs., South Fork about 30 cfs.													
U.S.G.S. gage	815p	127											
Total													

Computations made by T. F. Wentz 42 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 May 7, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench LS.	845a	204	113.50										
West Union	858a	88	36.84										
Provo Res Canal	930a	2685	151.49										
" " Lot #1.	930a	77	4.30										
			155.79										
Aly Creek gage	1042a	130											
UE U&T Fd.	1050a	66	15.56	gates have been changed.									
UE Union	1115a	96		started Register.									
Aly Race	153p	72	11.70										
East Union	159p	90	24.58										
Factory Race	202p	142	48.00										
Farmer Race	214p	36	6.08										
			90.36										
UEU&TFd	510p	Raised & Cached.											
Timpanogus	520p	Raised											

May 9, 1918.
Oliver Calls and states "We will turn out at Dam at 6 am in the morning."

May 10, 1918. Between 5:30 am & 830a. I arrange and adjust gates to distribute flow. UP&L Co. plant closed down for Day. I am unable to get as much water thru by pass to Provo Bench as they were diverting yesterday. at 710p. Oliver phones "We will go in at 530a tomorrow"

May 11, 1918. Leave home at 6 am at 7 am water arrives thru plant. I arrange gates & divide as before change.

Provo Bench USL	930a	175	
West Union	945a	88	36.84
Provo Bench LS.	1143a	216	132.50
West Union	1154a	90	38.16
Provo Res. Canal	1205p	276	163.00

I close Emergency gates except about 25 cfs. and leave open two tailrace gates.

Aly Creek gage	106p	100	
UEU&TFd	112p	70	17.04

I instruct chipman to raise Timpanogus gates & old stage.
This week has been unsettled on account of storms etc. There has been no calls for additional water ~~expe~~ except Provo Bench and UE. Union. We are in fair shape as regards irrigation of crops that require water at this season of year.

Total

Computations made by T F Wentz 43 Observations made by T F Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 1

Tabulation of Flow and Distribution of Provo River for May 13, 1918.

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	900a	202	116.51							102.01		14.50	
Provo Res Co.	Above Provo Bench									18.00			
Provo Bench Company.				76.01	8.00	—	84.01			84.01			
West Union	946a	75	28.50	33.33	—	—	33.33			33.33	4.83	~~5.0~~	
Park & Nuttall	942a	41	2.82	1.34	—	—	1.34			1.34		1.48	
Provo Res Canal	950a	208	102.19		no change					102.19	—	—	
Barton & Young	1012a	0.09	0.27	1.08	—	—	1.08			1.08	.81		
City Creek gage	1034a	45											
Dimpfmoser	1050a	106	18.55	14.12	3.00	—	17.12			17.12		1.43	
Wd U & J Ff.	1114a	81	21.44	15.46	3.00	—	18.46			18.46		2.98	
Indirect			290.28										
Young Ditch	1222p		00		no change					00			
Bedingfield	1222p		00		"		"			00			
Lixon Ditch	1170		00		"		"			00			
Provo City													
East Union	1060	64	14.38										
Factory Race	1080	120	39.60										
City Race	1340	54	7.18										
Tenney Race	2030	26	3.72										
Sub Total			64.88	55.87	—	—	55.87	—	—	55.87	—	9.01	—
Waterworks Wd.			6.00		no change					7.00	—	—	—
City Creek	2210	42	2.91	8.43	—	—	8.43			8.43	5.52		
East Canal	3050		00		no change					2.50	—	—	—
Provo Bench Ff.	3020		2.50										
East River Bottom Water Co.			15.40	6.62	—	—	6.62			6.62		8.78	
Lake Bottom & City Creek.			17.96		no change					17.96	—	—	—
Subtotal.			400.93			226.26							
Reserved for carrying River										27.02	27.02		
Subtotal										400.93	38.18	38.18	

adjustment made to this sheet this from

Total			399.93 ~~400.93~~							400.93	38.18	38.18	

Computations made by F. F. Wentz 44 Observations made by F. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 2.

Tabulation of Flow and Distribution of Provo River for May 13, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bottoms:													
C	1032a	est	.75										
D	1035a	est	.50										
E.	1037a		00										
F.	1038a		00										
G.	1040a		00										
H.	1042a		00										
I.	1101a	65	4.43										
H2.	1120a		00										
J.	1123a	90	7.21										
L.	1146a	40	1.76										
K.	1202p		00										
M.	1204p		00										
N	1205p	est	.75										
O	1209p		00										
P.	1215p		00										
			15.40										
West Side													
Lake Bottom Canal	327p	83	15.05										
Geo Taylor D	340p		00										
Over Spill	340p	est	0.50										
Ashlid Taylor	343p	est	0.25										
Partridge Ditch	348p		00										
Steve Jones	408p		00										
Brown Ditch	417p	22	1.09										
Clyde Ditch	443p		00										
Tanner W Ditch	507p		00										
Tanner Flume	509p	67	1.07										
" E Ditch	512p	est	0.50										
			17.96.										

See sheet of this date for temporary adjustment. I cut Provo Bench approx 7 cfs at 640 pm. I raise West Union approx 8 cfs at 645 pm

Provo Res. Can.	655p	220	1112.00
River Raising			

Total

Computations made by T. F. Wentz 45 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 May 14, 1918.

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

Received protest from Provo Pressed Brick Co. and had meeting with Harvey Cluff and J R Murdock relative to this matter, it was suggested that Provo Res Co. continue to use this water as has been done, and if the Court finds that Provo Pressed Brick Co is entitled to a portion of the flow used by Provo Res Co., that said Provo Res Co. shall pay to Provo Pressed Brick Co. the cost of equivalent of power. Mr. Cluff agrees to take this matter up with his company and advise me later whether it is agreeable or not

East Union	524p	50	9.76
Factory Race	526p	120	38.60
City Race	541p	48	6.00
Farmer Race	548p	20	2.50
			56.86

Mr. Hoover phones and asks for 2 cfs more for Factory Race. I go to mouth of canyon, stream has ceased to flow over emergency dam, some drift lodged in tailrace gates raising water in tailrace and reducing City Creek, I raise two gates clear of water and reduce Provo Bank & West Union.

May 15, 1918.

Provo Bank LS.	845a	184	97.50	Put on new Record Rad.
West Union	900a	78	30.18	
Park & Nuttal	902a	41	2.82	
Provo Res Canal	917a	216	109.60	
Barton & Young			0.27	
Raised West Union	approx		3.00	
Raised Provo Bank		"	4.00	
U E U & T Fd	cut.			
City Creek gage	947a	70		
Temp arrangs	1008a	102	16.50	
U E U & T Fd	1011a	76	19.32	
Made measurement of Bed Lott Ditch				
Young Ditch	1130a	28	1.02	
Bowen "	1132a	est	0.50	
Dixon "	1145a		8.0	
City Race	1143a	72	12.00	
Union	1148a	58	12.18	
Factory Race	1151a	133	44.00	
Farmer Race	1204p	24	3.30	
			71.48	
Dry Creek	1211p	42	2.91	

Total

Computations made by T. F. Wentz 46 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

sheet 1

Tabulation of Flow and Distribution of Provo River for May 15, 1918.

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	8459	184	97.50				(Purest)			102.01	4.51		1.88
To Provo Bench Company				26.4	8.00	—	94.01						
Provo Res. Co. Share Provo Bench Canal							1.00						
West Union c/f	9004	78	30.18	33.33	—	—	33.33	"Pure"		33.33	3.15		.83
Provo Res Canal	9172	216	109.60		not changed					109.60			2.16
Park & Nuttall	9024	41	2.82	2.42			2.42			2.42	.67		
Bonn, Young			2.7										
Lily Creek Jogs	9474	70											
Dinsmore	1008a	102	16.50	14.12	3.00	—	17.12	adj.		17.12	.62		1.02
M & J & H.T.J.	1011a	76	19.32	15.46	3.00	—	18.46	adj.		18.46		.86	.74
Young Lake	1130a	28	1.07										
Bonn "	1132a est		.50	1.37			1.37			1.37		.15	
Lyon "	1145a		.20										
Provo City													
City Race	1139	72	17.00										
Union	1148a	58	12.18				not changed						
Factory Ditch	1157a	133	44.00										
Tanner Ditch	1204p	est	3.20	55.87			55.87			55.87		15.61	
			77.48										
Little Dry Creek	1211p	42	2.91	8.43			8.43			8.43	.52		
Waterworks assumed				7.00		no change				7.00			
River Bottom assumed			17.14	6.62			6.62			6.62		10.52	
Lake Bottoms, Spring Creek & Fort Creek & River assumed same as 5-13-18			20.46			no change				20.46			
Reserve							14.01			14.01	14.01		
Provo Reservoir Company farming Rights:													
Blue Cliff		50.00 c.f.s.											
J. L. Dixon		2.50											
Ontario Farms		13.79											
Weber River		57.50											
		173.79											
Return Provo Bench approx 4 c.f.s.													
" West Union " " 3 c.f.s.													
carry to Harvey Bluff													
Total			396.70				396.70			396.70	22.81	22.81	

Computations made by T. G. West 47 Observations made by T. G. West

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for May 15, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bottoms.													
C.	945a	est	.75										
D.	950a	est	.75										
E.	951a		00										
F.	952a		00										
G.	954a		00										
H.	955a		00										
I.	1001a	65	4.43										
H2.	1045a	est	0.50										
J.	1047a	90	7.21										
L.	1055a	60	3.50										
K.	1119a	~~[illegible]~~	00										
M.	1121a	"	00										
N.	1122a		00										
O.	1123a		00										
			17.14										

At 710 pm Earney Knight ~~[illegible]~~ reports. 57.50 cfs from Beaver Creek to Provo Res Co.

Provo Res Co. January Water

Blue Cliff	50.00
Dixon	2.50
Tunnel	13.79
Weber River	57.50
	123.79

May 16, 1918. Went to Salt Lake for conference with Judge Morse relative to distribution in Utah County and instructions regarding Claim of Provo Pressed Brick Co.

May 17, 1918 High Water in River, I spend day filling canals and making distribution. also mailed notices of Court session of May 22, 1918, to attorneys interested.

May 18, 1918. River Lower, all water being diverted; everybody seems to be satisfied

Total

Computations made by F. H. Wentz 48 Observations made by F. H. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for May 20, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Lower, In order to avoid water going to Tite, canals were raised on 17th inst, I set gates to adjustment of May 15th													
Provo Bench W.	845a	206	119.40										
West Union	900a	82	32.82										
Provo Res Canal	905a	286	~~165.50~~ 165.00										
" " Lat #1	906a	47	2.05										
			167.05										
I set Provo Bench to approx desired Right, West Union Raised													
Impromptu	Cut to desired right.												
Mt Mt	"	"	"	"									
Provo Bench W.	1035a	190	103.25	not settled.									
Provo Bench E.	145p	196	109.60										
West Union	155p	102	46.80										
City Creek gage	205p	140											
Mt & Mt	210p	80	21.00										
Impromptu	214p	120	24.80										
Mt Union	220p	110	20.70										
East Union	250p	100	29.00										
Factory Race	253p	152	52.00										
City Race	300p	83	14.70										
Farmer Race	310p	36	6.08										
			102.00										
May 22, 1918, at Court in Case Provo Res Co and Provo Pumped Brick Co. Court takes matter under advisement.													
Farmer Race	416p	49	9.76										
City Race	425p	106	18.70										
Union	430p	100	29.00										
Factory Race	436p	161	56.40										
			114.08										
Provo Bench	538p	203	117.50										
West Union	550p	90	38.16	Has Recently dropped - Water Wall.									
I defer any change at present on account of pending decision of Court.													
Total													

J. F. Wentz

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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 May 23, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Snake Creek Tunnel	1118a	127											
Left Fork	1135a		0.42										
Caribou Creek	1245p		00										
1st Hollow above													
Caribou	206p	est	.30										
Spring Branch	216p	est	.50										
Mt. Lake Tunnel	315p	146	3.70										
Loving Creek	512p	47	4.19										
Wasatch Canal	809p	122	90.00										
North Field	810p	148	86.00										
May 24, 1918.													
Pine Creek Dist	1158a	00											
up Pine Cr. Dist	1203p	00											
Mahogany Springs	1118a	902											
Mahogany Spring to Pine Creek		~~143~~	193										
Pine Creek	1050a	~~8.34~~	8.34										
Snake Creek by Ford	852a	~~1938~~	1938										
Mahogany Sp. Dist	922a	72	7.34										
West Branch	205p	49	7.50										
Mound Dist	222p		430										
Huber Ranch R.	230p		00										
Lower Huber	240p		0.26										
Upper Huber	242p		00										
Probst	253p	56	442										
Bonner Hollow	257p		.05										
Springer Spring	311p	59	195										
Snake Creek Opp Tunnel	415p		11.28										
Snake Creek Tunnel	437p	128	13.44										
Loving Creek	541p	47	4.19										
Total													

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 May 25, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
USGS. Gage	625p	198											
Water going over Dam at head City Creek at 7 pm													
Water over West Union Dam.													
West Union	704p	122	63.00										
Provo Bench LS.	728p	223	135.28										
approx 40 cfs to Lake.													
May 30, 1918 approx 30 cfs to Lake.													
June 1, 1918. approx 25 cfs to Lake.													
June 2, 1918. approx 50 cfs to Lake													
Tanner Race	926a	43	8.00										
City Race	939a	100	16.50										
E Union	945a	93	25.90										
Factory Race	947a	143	48.40										
			98.80										
W E Union	1014a	112	21.50	Cook off Record.									
Timpanogas	1036a	121	25.80										
W E U & T Fd.	1039a	81	21.44										
Provo Res. Canal	1102a	281	161.00										
" " Lot #1	1102a	68	3.58										
West Union	1111a	104	48.48										
Provo Bench LS.	1122a	219	130.16										
June 15. 1918													
Lorna Creek	1025a	49	446										
" "	pm	495	452										
USGS Gage	645p	288											
Cordie Clegg Reports: Snow at Lake June 4-5-6-7 was 3-4 feet													
June 16, 1918.													
Provo Bench	500p	229	137.90										
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

Tabulation of Flow and Distribution of Provo River for June 22, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	837a	233	140.90										
West Union	846a	78	30.18										
Provo Res Canal	852a	284	162.00										
Uses gage	923a	152											
Wasatch Canal	1039a	120	88.00										
Mont Canal	1041a	130	79.50										
Spring Creek & Rogerson out for repairs.													
Pleasant & West Valley													
Impromptu Canal Co. opening dam at mouth Canyon. Afternoon													
Strike [illegible] approx 130.													
N&W & [illegible]	330p	96	28.32										
N&S Union	341p	113	21.70										
East Union	405p	93	25.90										
Trailing Ray	410p	244	46.06	"Weir"									
Cy Rice	426p	108	18.80										
Tanner Rice	435p	52	10.68										
			101.04										
approx 75 cfs to Lake at 5 pm													
June 24, 1918.													
Provo Bench Fl.	807a	235	142.39										
West Union	858a	95	41.64										
Out Provo Bench about 20 cfs.													
Unable to make adjustment on account of dams not being in at mouth of Canyon.													
June 23, 1918. about 30 cfs to Lake at 7 pm													

Total

Computations made by T. Filbert 52 Observations made by R. F. Wentz.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 25 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench H.	836a	208	116.20										
West Union	855a	86	55.55										
Park & Nuttall	855a	48	3.60										
Provo Res. Canal	911a	272	153.50										
" " Lat #1.	911a	73	398										
Lower Provo Bench	0.15 at Lat. 2	by opening four bottom gates., Dropped down West Union gate, West Union now drawing from Lestage thru City Creek Canal											
Bolen & Jenny	958a	33	2.05										
U.C.W.A.S.F.R.	1007a	Cut.											
City Creek gage	1015a	70											
Mr. Lyford & Fred Ferguson of East Provo Bottoms Water Co. to get on their schedules to-day. he opens & shuts this to-day noon.													
U.C.W.A.S.F.R.	1113a	76	19.32										
Provo Bench H.	1145a	196	104.50										
Lower Bottoms C.	1011a	est	1.25										
F.		est	6.00	Cut out.									
G.		est	5.00	" "									
L		est	7.00	" "									
East Union	205p	245	72.26										
Factory Race	209p	244	47.67										
City Race	222p	92	15.80										
Farmer Race	237p	37	6.34										
			92.07										
Little Dry Creek	305p	52											
Big Dry Creek Seep			approx 1.50.										
~~June 26~~ June 26, 1918.													
John Clegg reports that Reservoirs are full and about 30 cfs thru Union Res. Weir. Taylor Bond and Thomas Rostand are now at forks in charge — nearly all snow gone except few patches. Mr. Bond and Rostand are to receive $3.00 per day, and they are to furnish themselves or provision horses etc.													
Estimated losses for Wasatch Division for use season 1918.													
Wasatch 10 cfs. Triptomogan 10. cfs: N. Field 00.; Sant Knows 5.00; Washington 5.00.; Sunrise 1.00; Estimated by Wentz & Knight.													
U.B. Union	555p	105	19.00										
U.C.W.A.S.F.R.	604p	77	20.12										
West Union	630p	84	34.08										
Provo Bench	640p	180	89.30	Rain									
Total													

Computations made by T. F. Wentz **53** **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 June 27, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bent Ls.	813a	183	91.94										
West Union	822a	81	32.16										
Provo Res Canal	829a	174	77.50										
" " Lot #1	829a		50										
City Creek gage	842a	50											
Timpanogus	849a	105	17.20										
U.E.U. & T.F.	854a	76	19.32										
Cut U.E.U. & T.F.													
City Race	912a	75	12.50										
East Union	919a	83	21.57										
Factory Race	925a	216	26.46	Fluctuating.									
" "	Average Rum.	220	29.82										
Tanner Race	939a	42	7.66										
			71.55										
June 28, 1918.													
Provo Bent Ls.	530a	183	91.84										
West Union	542a	84	34.20										
Provo Res Canal	552a	137	53.00										
City Creek gage	612a	50											
U.E.U. & T.F.	619a	74	18.56										
Provo Res Canal	829a	136	51.84										
Timpanogus	1012a	96	13.10	Reported by chairman.									
Leakage thru Dam		est.	2.50										
U.P. & L.Co. Flume at Dominions Stat.	1118a	477	228.96										
Lower Charleston	258p	110											
J.S. Brown Well	307p	9.8											
River Below Lower Midway Dam	353p	est	12.00	Temporary Distribution as follows									
Midway River Ditch	426p	59	11.00				11.00						
River Below Midway upper Dam	444p		0.0										
Wasatch Canal	456p	89	56.16	41.67	5.00		46.67						
M. Field	458p	90	46.05	41.67	—	—	41.67						
Timpanogus	516p	227	55.—	33.33			33.33						
Extension				13.33			13.33						
Ontario Tunnel to Mt Valley							14.00						
							160						
Tow Drops							8.00						
Wasatch Canal	41.67 +13.33 Extension, + 3.00 Billy Moc = 63.00									63.00			
M. Field	41.67 less 3.00 Billy Moc									38.67			
Total	Continued on following page.												

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

Tabulation of Flow and Distribution of Provo River for June 28, 1918 Concluded.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
I cut Timpanogus approx 10 cfs													
I turn thru Provo Res Co Weir to Provo Division as follows:													
Provo Res Co Weir	636p	64	16.33	Part to Midway.									
Wasatch	700p	87	54.03										
M. Field	702p	84	42.60										
			96.63										
I cut Mont Field													
Wasatch	707p	92	59.22										
I turn by Midway Dams 14 cfs of Tunnel Water to Provo Division													
June 29, 1918. Jacobs & Clegg go to Lakes I order 20 cfs storage for Timpanogus and 30 cfs for Provo Res Co & Legs.													
I cut out Reiske & Hoover.													
Provo Res Canal	1054a	108	33.00										
up & L Co	approx		221.00										
Temporary adjustment as follows:													
Provo Res Co Class A Rights													
Blue Cliff			50.										
Dixon			2.50										
Orlons Tunnel			6.85										
			59.35										
up & Co Class "A"													
			229.										
Tunnel			6.85										
			235.85										
Natural Water to-day in Canyon approx 238.													
229+50 = 279.													
up & L Co Right = 229/279 of 238 + 6.85 (Tunnel Water) = 201.50													
Provo Res Co. 50/279 of 238 + 6.85 + 2.50 = 51.85													
I raise gate at Sandbox at gate house 8½ inches this is agreeable to up & L Co for temporary arrangement.													
U.D.W. & T.F.G.	654p	66	15.56	Raised.									
City Creekgage	701p	30	~~R~~										
Provo Res Canal	712p	144	57.00										
I met Oliver at Olmstead and authorize him to close sandgate 2 inches													
West Union	734p	73	27.24										
Provo Bench	744p	168	78.70										
Total													

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

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Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 30, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench St.	12	172	82.95										
Prov Res Canal	548p	140	54.10										
Mitchell Div D.	844p	68	15.10										
By Mitchell upper Canal	847p	est	7.00										
Wasatch	901p	73	40.86										
N Field	903p	64	27.22										
			90.18										
Prov Res Weir	915p	64	16.33	Priced									

I cut Mitchell upper Canal to approx 10.50 cfs.
Highwater river. I call Sam Jones and tell him Duell
cut Tanyungus in morning.

July 1, 1918.
E. Jacobs Pipito, Acreage closed Sat. June 29. 18 cfs from
North Fork ~~[illegible]~~ at 2 pm June 30. turned 43 cfs from
Union Reservoir at 6 pm. Tri. Prov Res Co. 30. Rego 32 Sept. 20.

Wasatch Canal	900a	78	38.34		
N Field	902a	60	24.38		
Tanyungus	909a	200	45.80		
at 920a Cut Tanyungus to 300 cfs.					
Prov Res Weir	920a	75	21.50	Priced to 24 cfs.	

July 1, 1918.

Factory Race		80	35.70	Resy.
Union		60	12.95	
City Race		44	8.00	
Tanner Race		36	6.08	
			62.73	
City Race	445p	58	7.80	Resy.
Union	"	58	12.18	
Factory Race	"	78	34.16	

Total

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 July 2, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
City Race	645a	74	12.40										
Union	656a	64	14.38										
Tailory Race	657a	226	32.76										
Tamer Race assmd.			6.08										
			65.62										

McEwan Reports Provo Res Gage 140 = 54.50

Knight Reports at 8 pm as follows: 40 cfs Storage & Tunnel Water by Midway Dams.

Claim of Provo Res Co.

Tunnel Water	6.85
Storage	26.00
Weight	4.00
Dixon	2.50
	39.35
up H Co Tunnel	6.85

Provo Res Co of River = 50/291 of 225 = 37.50 + 39.35 = 76.85

Total up H Co. 201.65

Provo Res Co now 54 cfs Balance due 22.85, I request Oliver to have sand gate raised 4 inches to-night.

July 3, 1918

Provo Res Canal	505a	153	59
City Creek gage	515a	30	
West Union	526a	70	25.56
Provo Bench	537a	168	78.19

average of Register.

I call Oliver and tell him to raise sandgate another 4 inches and advise him that Provo Res. gage reads 153. I call Knight at Heber and tell him to cut Wasatch to decreed rights and get all storage & Tunnel water passed Midway Dam to Provo Division.

At 605p I phone Knight at Kamas. he reports: Storage & Tunnel Water to Provo Division 49 cfs.

Wasatch	47.00
N Field	26.00
Pimpinogus	34.00

Carter Reports gage 106.; This is increase of about 10 cfs.

I phone to Lakes Rockford reports: gage 705 on Weir. 20 cfs from N. Fork estimated inflow 9 cfs.

Total Provo Res Canal	745p	176	75.00	By McEwan

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

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Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 3, 1918.

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

At request of J. Edward Taylor representing U.S. Ford administrator we met at my office in evening. Mr Taylor is desirous of saving the grain crop along the Provo Res Canal in Utah and Salt Lake Counties. Provo Res Co. has offered use of canal, distributing system and help of their employees in delivering water to farms.
It appears that approximate acreage in danger is 1300.
We called in Mr. T. C. Plimpton, Mayor Dixon, Hyrum Goddard and C. G. Hagens. We called by telephone Belmont, James Bradley, Thos. Brinkman, Lylin Farmer, & others.
It appears Factory Race water can be taken for use of farms. We adjourned at 12 55 am July 4th.
It was understood that Power Rights receiving compensation for use of water, that is they are to receive regular price per H.P. for the water actually taken.

July 4 1918

Provo Bench Canal	140	168	78.09
West Union	219	72	26.64
Park & Multaf.	222	34	2.10
Provo Res Canal	230	190	83.81
Berlin & Young	320	24	1.25
City Creek gage	345	20	
Wells & Taft	411	65	15.12
City Rose	450	92	15.80
Union	500	94	26.32
Factory Race	502	est	100

Lostage thru Weir.

Held meeting at office with J. Edward Taylor and T. C. Plimpton until midnight. If it can be arranged Factory Water will be taken at 2 am July 6. It now appears that Knight Woolen Mills cannot get ready to use other farmers that soon

---

River Bottoms C.	342	est	400
D	353		00
E.	355		00
F	355		00
G	358		00
H	359	est	400
I	407	est	500

Total

Computations made by T. F. Wentz 58 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

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Tabulation of Flow and Distribution of Provo River for July 5, 1918.

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

Held meeting with Wm Storey and C. C. Richards at Salt Lake regarding water distribution.
Held meeting at my office with J Edward Taylor, James Goodman and I. H. Jacobs regarding use of Factory Race water — all parties have consented to exchange except Provo Pressed Brick Co.
Little Dry Creeks request more water.

July 6, 1918.

Provo Bent SS.	458a	170	79.76
West Union	510a	70	25.56
Provo Res Canal	516a	188	86.50
City Creek gage	527a	20	
Timpanogus	602a	120	24.80
[illegible]	606a	66	15.56
Geo Bowen	644a		00
Young D.	646a		0.50
East Union	710a	66	15.03
Factory Race	715a	66	26.46
City Race	730a	62	10.40
Tanner Race Assn'd			6.08
			57.97

Raising.

I turn to Dry Creek at 8.00 am approx 4 cfs.

River Bottoms:

C	522a		00
D	Cut to		00 at 530a Schedule terminates at 530a
E.			00
F.	540a	est	6.00 cut out - off schedule.
G.	544a		00
H	545a		00
I.	554a	est	4.00
H2	610a	est	0.50
J.	619a	est	8.00 Cut to 5.00
L.	623a	est	0.50
K	628a		00
M.	630a		00
N.	632a		00
O.	634a		00
Provo Res Canal	930p	190	89.— (McEwan)

Total

Computations made by T. F. Wentz 59 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 July 6, 1918.

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

Utah Power & Light Co. turn out of flume approx 14 cfs of water. This is Factory Race water to go through Provo Res Canal for irrigation of grain according to arrangement of Edward Taylor.

Provo Bent L.S.	53 p	166	76.45
West Union	540 p	66	23.34
Provo Res Canal	546 p	204	99.50

July 7, 1918.

Provo Bent L.S.	852 a	167	77.37
West Union	901 a	68	24.36
Provo Res Canal	909 a	192	90.50

I go to head of Provo Res Canal, some one has been interfering with Dam. I engage Hyrum Hirsch to watch Dam in evenings.

Mr. Jones is now in charge of Olmstead Plant.
I request Jones to turn more water down to Provo Res Canal

Provo Res Canal 1 p 190-89. (McEwan).
I call Jones he states "We did not turn water until 12 M"
I advise him to get Provo Res Co. up to G.H. 2.08 this pm if he can conveniently.
I call Earnest Knight and request him to see that storage and Tunnel water is comming to this division.

It not later noted figure Factory Race water thru Provo Res Canal from 12 M, July 7, 1918.
Knight phone stating, water lower in Wasatch Co. approx 45 cfs to Provo Division.
John Clegg phones and asks for 15 cfs of storage for Wasatch Canal.

Total

Computations made by T. F. Wentz 60 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Copy filed

Tabulation of Flow and Distribution of Provo River for July 8, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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 Co.	812a	164	74.90	68.77	5.00	—	73.77			83.77			
" " Provo Res Co. Ghm Provo Bench							10.00						
West Union.	856a	68	24.36	30.16	—	—	30.16			30.16			
Park & Mattes	858a	26	1.40	2.31	—	—	2.31	—	—	2.31			
Barlow & Young	946a	37	1.94										
City Creek Stage	955a	00											
Tompkins	1021a	102	16.94	12.83	2.00		14.83	—	—	14.83			
UC Union & JFR.	1041a	61	13.77	14.00	2.00		16.00	—	—	16.00			
UC Union	1124a	87	12.09										
George Young R.	1155a	est	0.50										
Young Litt	1156a	40	1.01	1.94			1.94			1.94			
Dixon Litt	1250a		00										
et al													
R.A.			134.77										
City.													
East Union	101p.	90.	25.68										
Factory Race	103p	est	1.00	40.68			40.68			40.68			
City Race	120p	84	12.81										
Farmer Race	147p	36	6.08										
Total			45.57										
Waterworks assumed			5.00				5.00			5.00	No change		
Little Dry Creek	207p.	58	5.90	7.67	—	—	7.67			7.67			
First Field	240p.	50	2.04	6.38	—	—	6.38			6.38			
River Below JFR.	250p.		00										
	est.		12.94										
E. River Bot Wat Co	assm		10.13	6.04			6.04			6.04			
Lake Bot Con Co et al	314p.	95	9.40	14.16	—	3.00	11.16			11.16			
Spring Creek Meas.	pm		7.37										
	est		26.85	5.70			5.70			5.70			
Provo Res Canal	914a	201	94.95	13.75 Factory Race 50. Blue Cliff			63.75			63.75			
" " " Stage				31.68									
" " " Tunnel Water				6.85			44.03	—	—	44.03			
" " " Wright Water				3.00	Less 10. Ghm Provo Bench Canal					34.03			
" " " Dixon "				2.50						34.03			
" " " ~~Factory Race Water~~				~~13.75~~									
est.			94.95										

Note: At no change in River distinct by allowing 95% of Diversion

Note: No adjustment made to day, reallotment of deficit of River between Gilson & Wright

Stage Water 31.68 Tunnel ~~6.85~~ 13.70 = 45.38. Molinet River = 269.70

315.88

329.47

Observations made by J. F. Wenz

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Observations made by J. F. Wenz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 8, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St. ~~P. Cent Added~~ 90%	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench L.	817a	164	74.90							1.50		
Provo Bench Company				68.77	5.00		73.77		66.40			
Provo Res Co Through Provo B.C.				10.00					10.00			
West Union	856a	68	24.36	30.16	—	—	30.16		27.14 ~~28.45~~	2.78		
Park & Muttal	858a	26	1.40	2.31			2.31		2.08		1.26	
Barton & Young	946a	32	1.94									
City Creek gage	955a	0.0										
Timpanogus	1021a	102	16.94	12.83	2.00	—	14.83		13.35		3.59	
W.E. U & T.F.L.	1041a	61	13.72	14.00	2.00	—	16.00		14.40	0.68		
W.E. Union	1124a	87	12.09									
Baum Ditch	1155a	est	0.50	1.94			1.94		1.75	0.26		
Young "	1156a	40	1.01									
Dixon Ditch	1250a		0.0									
S Total			134.77 ✓									
Provo City												
East Union	101p	90	25.68									
Factory Race	103p	est	1.00	40.68			40.68		36.70		8.87	
City Race	120p	84	12.81									
Tanner Race	147p	36	6.08									
Sub Total			45.57 ✓									
Waterworks assmd			5.00	Same as 7-3-18			5.00		5.00	—	—	
Little Dry Creek	207p	58	5.90	7.67	—	—	7.67		6.90	1.00		
Fort Field	240p	50	2.04	6.38	—	—	6.38		5.70	3.66		
River Below H.F.L.	250p		0.0							—	—	
Sub Total			12.94 ✓									
East River Bot Wat Co.			10.13	6.04			6.04		5.40		4.73	
Lake Bot. Canal	314p	95	9.40	14.16	—	3.00	11.16		10.04	0.64		
Spring Cr. Users	pm		7.32	5.70	—	—	5.70		5.10		2.22	
Subtotal			26.85 ~~26.85~~									
Provo Res Co Canal	914a	201	94.95				13.94 ~~12.52~~		13.94 ~~12.52~~	13.94		
Reserve for drops. ects												
Provo Res Co Rights												
Storage 33.00 less 4%							31.68		31.68			
Inlet Tunnel Water							6.85		6.85			
Wright Estate Water							3.00		3.00		3.57	
Dixon Water							2.50		2.25			
Factory Race Water							13.75		12.40			
Blue Cliff Right				50.			50.-		45.00			
10 C.f.s. of above goes through Provo Bench Canal									14.18			
Total			315.08 ✓						315.08	24.24	24.46	

Adjustment deferred until morning.

Computations made by T. F. Wentz 62 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Supplement

Tabulation of Flow and Distribution of Provo River for July 8, 1918.

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

Supplement at Request of H L Sloner of UP&L Co. to show rights of UP&L Co.

Total River to Day 315.08 cfs.
Total River in Provo Canyon exclusive Timpanogus
Natural by sheet #2 of July 10, 1918 = 263.26 − 25.00 = 238.26
less the 1000 cfs through Provo Bent Canal = 228.26
Then P.R.Co is entitled to $\frac{50}{291}$ of 228.26 = 39.20 cfs. "D"

and UP&L Co is entitled to $\frac{241}{291}$ of 228.26 = 189.06 + 6.85 tunnel
Water = 195.91 cfs.
Less 13.75 Factory Water
= 182.16 cfs.

and P.R.Co. is entitled to 39.20 ("D") + 13.75 Factory Race Water
+ 44.03 (as shown by sheet #2 of July 10, 1918) = 96.98 cfs.

or 96.98 − 91.18 = 5.80 cfs. greater amount than was shown by sheet of to-day's distribution

~~total~~

This sheet is made 11 pm July 10, 1918.

T. F. Wentz

Note: The matter presented above is derived from additional data gathered on July 10, 1918, and therefore was not shown on sheet of this date as no measurement of Olmstead flume was made.

T. F. Wentz

Total

Computations made by ..... 63 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

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Tabulation of Flow and Distribution of Provo River for July 8, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bottom.													
C	953a	est.	.20										
D	957a		00										
E.	958a		00										
F.	1000a		00										
G.	1002a		00										
H.	1003a		00										
I.	1010a	est	.50										
Hr	1047a		00										
J.	1051a	80	5.93										
L	1102a	est	.75										
K.	1110a		00										
M.	1112a		2.50										
N.	1113a		0.0										
O.	1115a	est	.25										
P.	1149a		00										
			10.13										
West side													
Lake Bottom Crow	3140	95	9.40										
Geo Taylor Dike	3270	est.	.30										
Dan Spiel	3570		8.0										
Ashlief Taylor	3320		0.0										
Railroad Ditch	3400		4.97										
Wm Jones	4030		0.0										
Brown Ditch	4170	est	3.0										
Clay & Ditch	4300		0.50										
Provo River	est		4.50										
James E. Ditch	4470	35	1.75										
" Flume	4470	80	.80										
" W Ditch	4570		00										
			16.72										

McEwan Reports of 1000 from ~~[illegible]~~ Res Canal of 2.22 = 1.13.
& call Jones & up 9 L Co and let him & take more water than flume.

Total

Computations made by P. H. Wentz 6 **Observations made by** P. H. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 9, 1918.

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

Chipman reports 55 cfs. Impromptu 100.
I talk to Jones he reports some load this morning as yesterday morning. In our conversation we conclude that the bulk of flume caused the extra amount of water to flow out and to the Provo Res Canal.

Provo Bench Ts.	820a	166	76.15
West Union	830a	68	24.36
Provo Res Canal	835a	204	97.00
" " Lat #1	835a	60	3.25
			100.25

I report up flow to take more water through flume and reduce Provo Res Canal to siege of yesterday morning.
I out Impromptu, Lowise Provo Bench West Union & Wanda 9th.
In company of Mr. Slover go over front of system.

Provo Res Canal	1204p	211	103.00
" " Lat #1	1206p	65	3.60
			106.60

at 1220 I tell Jones to take 15 cfs more thru flume.
We stop at Nunns and report Mr. Cotter to take enough water into flume so that gage in river is the same as yesterday morning

Vivian Park gage	224p	110
S. Fork	230p	154
Usual gage	238p	55

Removed dams near Walsburg Switch from Whiting and Horse Ditches, at 330pm took out whiting dam in Round Valley Creek turning water to river estimated 5 cfs expect to measure Tomorrow.

Island Ditch	440p	est	10.00	Cut to approx 700 cfs
Mc Avery River Ditch	450p	39	6.56	
Johnson Ditch	455p		2.50	
Wasatch Canal	502p	73	40.86	
N. Fork	504p	66	28.35	
Impromptu	514p	162	31.40	

Provo Res Loss Weir out of order we work gate slowly and turn water out, open weir and turn water back in as found, at 640pm

Provo Res Weir	645p	117	47.03
" " "	701p	125	46.98
Below Wasatch	716p	est	10.50

Round to
as measured over McAvery weir set gage 52

Total

Computations made by D. J. Wentz & H. L. Slover 65 Observations made by D. J. Wentz & H. L. Slover

Provo Reservoir Co.
vs.
Provo City et al

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Tabulation of Flow and Distribution of Provo River for July 9, 1918.

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

I call McEwan at 9 a.m. he reports Provo Res. gage at 7 pm was 2.06.
I call Knight and advise him of the 15 cfs of storage of Wasatch Canal.
J. Edward Taylor calls and states "We have arranged to have use of the U.P. & L. Co. Ontario Tunnel water, through Provo Res. Canal, for grain irrigation". I reply, I will get this in canal to-morrow.
Do bed at 10 45 pm "raining".

July 10, 1918.
I call Jones and tell him: We will run Provo Res Co at 210 G.H.

Upper Charleston	939a	40	1267

Heber light and Power Co have break in flume, about one-half mile from head and 75 feet below head of lower stretch of flume, operator reports "Water began to fall at 4 am we shut down at 7 45 a, expect to be back in by 4 or 5 pm.

J. S. Brown Well	1140a	11.7	
USGS gage	1239p	65	
S. Fork gage	1247p	57	
Vivian Park gage	1253p	116	

Stop for dinner at Vivian Park and make out sheet for distribution on new River
U.P. & L. Co

Flume at Nums	500p	5.70	171.64	depth 5.20
Over Impoundment	652p	est	5.00	
Provo Res Canal	659p	25	137.50	
" " Lot #1	659p	0.05	0.07	

Go to Plant, on account of flume being bulkheaded it is impossible to make adjustment to-night by taking more water through U.P. & L. Co. I cut Provo Res Co at head at 7.35 p by taking out plank in spillway, cut is approximately 25 cfs. Mr. Slover is accompanying me.
Raining, go to office
Leave at 11 30 pm for home.

Impoundment	620a	95	13.00	Reported by Chipman.

Total

T. F. Wentz

T. F. Wentz

Computations made by H. L. Slover

66

Observations made by H. L. Slover

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Prof Stat

Tabulation of Flow and Distribution of Provo River for July 10, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Company				68.77	5.00		73.77			83.77			1.75
Provo Res Co through Provo Bench							10.00						
West Union				30.16	—	—	30.16			30.16			
Park & Mottal				2.31	—	—	2.31			2.31			
Barlow & Young													
Impangard				12.83	2.00	—	14.83			14.83			
Wells & Field				14.00	2.00	—	16.00			16.00			
Dawson Lilly													
Young "				1.94	—	—	1.94			1.94			
Lewis "													
Provo City	Irrigation			40.68	—	—	40.68			40.68			
" "	Waterworks			assumed						5.00			
Little Dry Creek				7.67	—	—	7.67			7.67			
Fort Field				6.38	—	—	6.38			6.38			
E. River Bottoms Water Co.				6.04			6.04			6.04			
Lake Bottom Canal				14.16		3.00	11.16			11.16			
Spring Creek users				5.70	—	—	5.70			5.70			
Sub Total										231.64			
Provo Res Company.													
Storage 33.00 cfs less 4%							31.68			31.68			
Ontario Tunnel Water (of Provo Res Co)							6.85			6.85			
Wright Estate Water							3.00			3.00			
Lyman Water							2.50			2.50			
Factory Resp Water							13.75			13.75			
Ontario Tunnel Water } Utah Power & Light Co							6.85			6.85			
Blue Cliff Right }				50.00			50.00			50.00			
Subtotal										114.63			
Less the 10% through Provo Bench Canal										10.			
Equals amount through Provo Res Canal.										104.63			
Grand Total										336.27			
Vivian Park Gage 116 ~~[illegible]~~ at 125.36 } ~~[illegible]~~													
Spout Park " 57 at 124.10 }													
Total Discharge Utah Valley. = 315.08 + 25 = 340 cfs													
Reserve										3.73			
Total										340.00			

Adjustment for afternoon July 10 1918. F. H. Wenz 2/3

Computations made by F. H. Wenz 34.00

67

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet #2.

Tabulation of Flow and Distribution of Provo River for July 10. 1918.

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

Supplement.

Definition of Rights Utah Power & Light Co and Provo Reservoir Company.

Provo Reservoir Co. Rights:

Storage	31.68 cfs
Ontario Tunnel	6.85
Wright Water	3.00
Dixon "	2.50
"A"	44.03 not subject to Pro Rata.

UP&L Co.

Ontario Tunnel Water	6.85 not subject to Pro rate.
	50.88 ~~not subject to Pro rate~~.

Total River in Provo Canyon Exclusive Tanpanogus Canal Co.

Provo Res Canal	137.50 cfs
UP&L Co.	171.64
Over Tanpanogus Spill	5.00
	314.14 cfs.
Less	50.88
	263.26 Natural River. Exc. Tanpanogus.

UP&L Co $\frac{241}{291}$ of 263.26 = 218. + 6.85 (Tunnel Water) = 224.85 "B" cfs

Provo Res Co. $\frac{50}{291}$ of 263.26 = 45.26 + 44.03 ("A") = 89.29 "C" cfs.

Note: Utah Power & Light Co. have as before noted allowed the 13.75 cfs of Factory Race Water and their 6.85 cfs Ontario Tunnel water to be diverted through Provo Res Canal = total of 20.60 cfs.

Then 224.85 ("B") − 20.60 = 204.25 cfs. to UP&L Co. Flume and 89.29 ("C") + 20.60 = 109.89 cfs to Provo Res Canal. = Total of 314.14 cfs.

This sheet is made - not considering the 10.00 cfs Provo Res Co take through Provo Bench Canal see sheet #3

Total

Computations made by T. F. Wentz 68 Observations made by

Copy to U.P. & L.Co.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet #3.

Tabulation of Flow and Distribution of Provo River for July 10, 1918.

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

10 p.m. Supplement. For Benefit of Clearing up. Distribution as regards U.P. & L.Co. & P.R.Co.

Provo Reservoir Co. water to Pro Rate as shown by "A" Sheet #2. = 44.03 cfs.
U.P. & L.Co. 6.85 Tunnel Water not subject to Pro rate.

Provo Res. Co. are drawing through Provo Bench Canal and which is below U.P. & L.Co. plant 10.00 cfs, and river is sufficient to supply all class "A" rights then P.R.Co. is entitled to draw 44.03 + 10.00 = 54.03 not subject to Pro rate.

And, U.P. & L.Co. are entitled to $\frac{241}{291}$ of 253.26 = 209.76 + 6.85 = 216.61
And Provo Res. Co. " " to $\frac{50}{291}$ of 253.26 = 43.50 + 54.03 = 97.53

And U.P. & L.Co. concession of 20.60 taken from 216.61 = 196.01
And P.R.Co. 97.53 + 20.60 = 118.13 cfs, which is in excess of their rights as shown by sheet #1 of this date, therefore distribution is based upon sheet #1.

For details of why these division are out of adjustment on this date see memo.

At 7.30 pm Provo Res. Co. cut approx 25.00 cfs. at head, U.P. & L.Co. not able to take water through flume to-night on account of bulkheads.

T. H. Weyl

Total

Computations made by ..... 69 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 11, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	955a	183	90.00										
Provo Res Con.	10 1/2a	260	145.00										
" " Lot #1	10 1/2a	0.05	0.07										
Provo Res Co. entitled at this stage of River to													
Storage			3.68										
Pumpl.			6.85										
"			6.85										
Wright			3.00										
Weyon			2.50										
Gatory Race			12.75										
Blue Cliff.			.50										
			114.63										

and is drawing 18 c.f.s. of this Provo Bench Canal leaving a balance of 104.63 and which requires a Diff. of 2.13. You will observe I have calculated this on sufficient to supply all claims & rights.

River is raising and muddy & notify Jones to like more water through flume, observe that at this stage Provo Res Co is entitled to divert some claims & water.

City Creek gate 11 3/4a 0.50

Well & Pl. gate dragged with diff, cleaned and raised 1 Round.

West Union Priest.

I call on Jones he states "We will have bulkheads out this afternoon and can then take more water."

West Union 12 10p 76 28.98

at Office in Prov.

Mills City Creek 6 30p est 6.00 Raised to 8 c.f.s. Flume out for repairs.

Tower Race 6 40p 47 9.14

City Race 6 50p 88 13.80

East Union 6 55p 98 28.21

Gatory Race 7 01p est 1.00

52.15

7 40pm I call Jones he states "we put 20-30 c.f.s. more water in flume expect to get more in when bulkheads are removed."

at 8 10pm Jones phones "We have taken all the water that has been going over spill at Nunnis."

Total

Computations made by G. F. Wentz 70 Observations made by G. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 17. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	809a	186	97.40										
West Union	819a	78	29.00										
Prov Res Canal	826a	226	113.										
Over Springville Dam	833a	est	5.00										
Springville	1125a	89	10.80	By chipman									
I visited previous gage in channel 200 feet below Nunns Spillway & met P.R.C. Engineer designated "Nunns River Gage"													
Nunns River gage	930a	68											
USES gage	958a	70											
Rumph Hollow Creek	1044a		8.50										
Little Creek Water muddy.													
Island Lake	1153a	est	10.00	Cut to 700 ft.									
Spring Creek & Dry Creek	1204p	138											
Midway Irr. R.	1245p	55	10.99										
Wasatch Canal	1315p	85	57.38										
N. Field	1370p	72	37.40										
Springville	1490p	158	30.00										
Water going over crest only of Wasatch Dam I put on extra plank and after water settled made measurements.													
Rock below Wasatch	2240p	0.0	18.43										
Wasatch Canal	3360p	89	56.16										
N. Field	3387p	76	35.10										
Springville			30.00										
Prov. Res. Co. Weir	3490p	153	64.44										
			204.13										

Distribution:

Prov Res Co & Springville Storage	31.68
Midway Irrig Co.	10.50
Prov R.C. & upper P. Res Canal	13.80
	55.98
Less Water by Wasatch Dam	18.43
	37.55

to go thru P.R.Co Weir & cut P.R.Co Weir to approx 37.55.

Springville 35.00 at 415 drain

Springville to approximately 40 cfs and construct operation at plant and from Jones to run Springville at 8AM. 18.5 = 40 cfs.

Total

Computations made by G. F. Werts 21 Observations made by G. F. Werts

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 12, 1918.

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

You will observe that this adjustment leaves Wasatch and N. Field high, which will probably make up any deficiency that has occured.

USGS gage 546p 69
Nunns River Gage 607p 64
Provo Res Canal 636p 220
Cloudburst in Pole Canyon, this gage height is temporary and is not to be used in comparison with Nunns River gage.

July 13 1918.

Carter Ditch 254
Went to office
over system in ~~Provo~~, P.m. Crops Extra good.
Provo Res Canal 4pm 240 127.50 By McEwan.

July 14, 1918.

Provo Res Canal 852a 254 136.50
about 2½ ofs thru Tuponogus Dam.
West Union 938a 78 29.00
Provo Bench 950a 184 90.15
at office in pm
Below Fort Field to Lake
305p est 5.50
Provo Res Canal 432p 260 148.50
West Union 442p Raised.
River is muddy and carrying large quantities of drift, up & Lleo. lowrace clear, probably Smith Ditch has broken or Cloudburst in Pole Canyon. Jones states "We are on usual load". slop Wolf test 105 rp to 115 rp. time 1 hour. register 1 hour. "Precise".

Total

Computations made by T. F. Wentz 72 **Observations made by** T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet #I.

Tabulation of Flow and Distribution of Provo River for July 15, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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	900a	1.905	95.08									10.08	
Provo Bench Company				68.77	6.23	—	75.00	—	—	85.00			
Provo Res. Co. through Provo B. Canal							10.00						
West Channel	941a	86	3.53	30.16	—	—	30.16			30.16		5.36	
Park & Nuttal	943a	52	4.08	2.31	—	—	2.31			2.31		4.53	
Baden & Young	1036a	41	3.76										
By Imp. Wagons Bar	1039a	est	3.00										
up & Alco. Flume													
at Nunns	1130a	5.90	20.35	20.40 (241 - Concession of 20.60)						20.40	16.81		
Nunns River Gage	1236p	72											
City Creek gage	110p	00											
Imp wagons	145p	88	10.75	12.83	2.00	—	14.83			14.83	4.08		
W & U. Ditch	205p	69	16.60	14.00	2.00	—	16.00			16.08		0.60	
Brown Ditch	242p	85	1.75										
Young "	245p	50	1.10	1.94	—	—	1.94			1.94		2.16	
Dixon "	305p	est	1.25										
Provo City													
East Union	309p	83	21.57										
Dairy Race	31p	est	6.00										
City Race	324p	71	9.95	4.68	—	—	4.68			4.68		3.16	
Flume Race	345p	54	11.32										
Subtotal			43.84										
Waterworks Assn.			6.00	no change						6.00	—	—	
Little Dry Creek	405p		6.87	7.67	—	—	7.67			7.67	.79		
East Bench	435p	69	3.97	6.39	—	—	6.38			6.38	2.41		
River below Ft.	450p	est	2.50	00			00			00	—	2.50	
East River at W. Co			6.93	6.04			6.04			6.04		0.89	
Lake Bill Canal	505p	120	11.57	14.16	—	3.00	11.16			11.16		3.41	
Up Creek Users		est	5.94	5.70	—	—	5.70			5.70		.24	
Provo Res. Canal	958a	247	130.44				116.63 Cl. "H"			116.63		13.81	
" " " Storage				31.68									
" " " Wright Water				5.00									
" " " Dixon Water				2.50									
" " " Class "H"				50.00									
subtotal				89.18									
"Concession of 20.60"				20.60									
				109.78									
Provo Res. Co. Turnout				6.85									
				116.63									
Subtotal										350.50	7.28	43.74	
Amt at me. Class "H" Irrigation										36.46	36.46	~~43.74~~	
Total			386.96							386.96	43.74	43.74	

Note: upper Concession out of adjustment on account of change last night ~~at~~ head of water going to the on account of recent storm.

Copy to Judge Marshall & Jeff & Co.

Computations made by J. F. Wentz

Observations made by J. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet #2.

Tabulation of Flow and Distribution of Provo River for July. 15, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Delivs Provo River Bottoms Water Co. Spring Creek Users.													
River Bottoms.													
C	106¢	at	.25										
D	111¢		00										
E.	112¢		00										
F.	113¢.		00										
G.	116¢		00										
H.	117¢.		00										
I	141¢		00										
H2	213¢		00										
J.	215¢	80	5.93										
L	229¢	at	0.75										
K	227¢		00										
M	229¢		00										
N.	232¢		00										
O.	233¢		00										
P.	235¢		00										
total			6.93										
Spring Creek Users & Wat Delivs.													
Lake Bill Ang	501¢	120	11.57										
Geo Gaylord	502¢		00										
Dee Spiel	502¢	at	3.50										
Abby Gaylord	525¢		00										
Patrick Lilt	532¢	50	1.37										
Alex Jones	533¢		00										
Bert Lilt	558¢		00										
Clyde Lilt	615¢	34	1.75										
Samuel W. Lilt	630¢	56	2.82										
Omer Blump	632¢		00										
" E Lilt	635¢		00										
			17.51										

Orders to Supply Water Provo Reservoir Co.

Jup 8 Ho.

Jones tells " Our Blum pipe we move out about an hour from 615¢ to 715¢"

Total

Computations made by J. A. Clark 74 Observations made by J. A. Clark

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet #3.

Tabulation of Flow and Distribution of Provo River for July 15, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Deductions:													
Prov Res Co Pump			130.44										
UP & Leo Flume			303.52										
Impongus Can Co.			10.75										
By Impongus Can			3.00										
Total			347.71	Total River Prov Canyon.							Exclusive Waterworks		
Stoys & Tunnel Water			45.38										
			392.33	Total Natural River Prov Canyon.									
UP & Leo Rights class "A"				241.									
Impongus. " "				14.83									
Prov Res Co. " "				50.00									
" " " Wrigs W.W.				5.00									
" " " Lyon W.W.				2.50									
Total				313.33									

Less 10.00 cfs. used by UP & Leo & Prov Res Co. = 303.33
in a deficit of 1.00 cfs.

(Note. Refer to above after measurement of Tunnel and other contributions to flume)

Total Rights below Tailrace of UP & Leo — exclusive 10 cfs drain through Prov Bench Canal and including Factory Raw Water is 216.79 "A"
and total River is 380.96. Exclusive Waterworks
" total River Prov Canyon 347.71
Non-Surplus below Mouth of Canyon ~~39.25 "B"~~ 33.25 "B"
and UP & Leo Rights of 241.00 + 39.25 "B" = 274.25 "C"
less 216.79 "A" = ~~43.46~~ 53.46 "B" cfs. by physical condition cannot be diverted to its proper place.

and by stat I amt above class "A" is 36.46 plus the carriage of UP & Leo Flume of 16.88
equals total "B" 53.34 which should correspond to "B"

Total

Computations made by H. F. Weirs 75 Observations made by

Lines marked for UP & Leo.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 16, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Res Canal	6:9a	214	104.00										
" " Lot #1.	6:9a	63	3.15										
at 6:40a Out Provo Canal & West Union, I set gates at mouth of Canyon as before down of the 13th.													
at 6:55 ~~Rain~~ Rained Temporarily approx 4 cfs, I cut Provo Res Co. approx 4 cfs.													
West Union	7:37a	80	3.50										
Provo Bench	7:50a	177	83.50		Took off Record.								
" "	7:56a	176			Put on "								

at session of Court on appeal for change of decision by Mr. Ts.

July 17, 1918 I call Rasband at Lake and instruct him to cut to 40 cfs, 1 day reports "Inflow 8 cfs. and will turn over weir 48 cfs.

Grist Lake gage	20.
Wall Lake	27.
Washington	32.5 , We turned Water into Grist yesterday"

I make out tables of distribution for July 20 - Sept 1.

Provo Res Canal	224 cfs	206	10.100
" " Lot #1.	224 cfs		3.12
Lost Creek	34 cfs		1.41
Bench at Falls	50 cfs		3.61
Dam Diversions	44 cfs		.60

July 18, 1918

Provo Res Canal		200	96.50
Temporary.	9:19	94	4.30
West Union	9:46a	69	16.60
City Creek gage	9:47a	30	
Provo Res Canal	10:08a	200	96.50
" " Lot #1.	10:08a		3.00

Tached with Olsen at Almelund, and instructed him to turn about 10 cfs down to Provo Res Co.

West Union	11:18a	82	3.82
Provo Bench	11:32a	177	76.57

at 12:40p John Clegg phones "Wasatch 35 cfs, M Field 25 cfs. give me 15 cfs of stored H2O.

I call Lake no reply.

Mouth River gage 2.46 ft, I call Olsen and again ask him to turn 10 cfs to River. No water has been turned as requested this a.m.

Total

Computations made by T. F. Welch 76 Observations made by T. F. Welch

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 18, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
~~USGS gage~~	318p	58											
Old Valley Creek to River	345p												
Wasatch Canal	530p	78	45.27										
M. Fork	535p	55	21.37										
Provo gage	544p	188	41.00										
Below Weeks Dam	605p	106	13.00										
Provo Res Co Weir	600p	96	30.60										
			151.24										
Adjustments:													
Provo Res Co. storage water				31.68									
Outlet Canal Water to Provo				13.70									
Midway Irrig Co et al				10.50									
				55.98									
Less by Dam				13.10									
Amt by Provo Res Weir				42.88	= Cfs. of 1.185								
I cut Provo gage to 35 gb.													
Provo Res Weir	644p	96	41.49										
Midway Pipe D.	726p	50	9.52										

In Evening: I phone McEwan to repair Provo Res gage rod & replace bar & phone Alvin and have it cut to 213. I phone Knight to draw Big Elk Storage.

July 19, 1918. Heber Light & Power Co. flume broke at 420 am, Provo gage out. Phone to Knight & McEwan.
I phone to J. Edward Taylor regarding Factory Res Water for Provo gage.

Outlet Canal	1059	154	17.80	
Cr. & Cochrane	207p	108	23.32	
Upper Charleston	235p	123	16.87	weir slept 48
Lower Charleston	300p	141	19.25	
USGS Gage	407p	58		
Small Fork gage	414p	54		
Provo Park gage	417p	112		
Mamo River gage	441p	67		
Provo Res Canal	548p	207	10.50	
" " Lift #1	547p		22	
Heber Light & Power Co. Break in at 920 pm				

Total

Computations made by P. F. Wentz 77 Observations made by P. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 18, 1918. "B"

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

Distribution 7-18-18.
System below Tailrace of Utah Power & Light Co
on decreed rights.
Discharge Provo River 7-15-18 386.96 cfs on G.H. 120.62
G.H. 7-18-18 = 112-52 a discharge of 360 ±
7-15-18 River in Provo Canyon 347.71
7-18-18 " " " " 320. deducted.

7-18-18 Provo Res Co. Storage 31.68
7-18-18 " " " Tunnel Water 6.85
7-18-18 " " " 38.53 "A" not subject to Pro Rate
" " " up & L Co. Tunnel Water 6.85
" " " " " " " Lost Creek 1.41
" " " " " " " Bed of Vail Falls. 3.61
" " " " " " Guard Quarters .60
Total 12.47 "B" not subject to Pro Rate.
Provo Res Co to Receive by "Concession" Factory Race Water of 13.75 cfs
and up & L Co Tunnel Water of 6.85 a total of 20.60 cfs "C"
Provo Res Co Drawing through Provo Bench Canal 10.00 cfs "D"

Provo Res Co. Class "A" Water 50.00 cfs
" " " Wright Water 5.00 cfs
" " " Dixon Water 2.50 cfs
Total 57.50 "E"
up & L Co Class "A" from River 229.00 cfs "F"
Timpanogus Canal Co Class "A" 14.83 cfs. "G"
Total Class "A" Right 301.33 cfs. "H"

38.53 "A" + 12.47 "B" = 51.00 from 320. = 269 cfs Pro Rate
Then $\frac{229}{301.33}$ = 76% of 269 = 204.44 "I" up & L Co
and $\frac{57.50}{301.33}$ = 19% of 269 = 51.11 "J" P R Co.
and $\frac{14.83}{301.33}$ = 5% of 269 = 13.45 "K" T. C. Co.
Then up & L Co are entitled through flume 204.44 "I" + 12.47 "B" − 20.60 = 196.31 cfs and less the amt to T. C. Co. = (14.83 − 13.45 = 1.38 "L") = 194.93 cfs. + 10.00 "D" = 204.93 "m"
and Provo Res Co are entitled to 51.11 "J" + 20.60 "C" + (38.53 "A" − 10.00 "D") = 100.24 "n" cfs through Provo Res Canal
Timpanogus Canal Co. 13.45 "K" + 1.38 "L" = 14.83 "G"
Total 100.24 "n" + 204.93 "m" + 14.83 "G" = 320.00 and Provo Res Co are entitled to 10.00 cfs thru Provo Bench Canal "D"

Total

Computations made by T. F. Wentz 78 Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 18, 1918. "B"

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

Distribution 7-18-18.
System below Tailrace of Utah Power & Light Co
on decreed rights.

Discharge Provo River 7-15-18 386.96 cfs on G.H. 120.62
G.H. 7-18-18 = 112-52 a discharge of 360 ±
7-15-18 River in Provo Canyon 347.71
7-18-18 " " " " 320. deducted.

7-18-18 Provo Res Co. Storage 31.68
7-18-18 " " " Tunnel Water 6.85
7-18-18 " " " 38.53 "A" not subject to Pro Rate
" " " up & L Co. Tunnel Water 6.85
" " " " " " " Lost Creek 1.41
" " " " " " " Bridal Veil Falls. 3.61
" " " " " " Guard Quarters .60
Total 12.47 "K" not subject to Pro Rate.
Provo Res Co to Recieve by "Concession" Factory Race Water of 13.75 cfs
and up & L Co Tunnel Water of 6.85 a total of 20.60 cfs "C"
Provo Res Co Drawing through Provo Bench Canal 10.00 cfs "D"

Provo Res Co. Class "A" Water 50.00 cfs
" " " Wright Water 5.00 cfs
" " " Dixon Water 2.50 cfs
Total 57.50 "E"
up & L Co Class "A" from River 229.00 cfs "F"
Timpanogus Cons. Co Class "A" 14.83 cfs. "G"
Total Class "A" Right 301.33 cfs. "H"

38.53 "A" + 12.47 "B" = 51.00 from 320. = 269 cfs Pro Rate
Then $\frac{229}{301.33}$ = 76% of 269 = 204.44 "I" up & L Co
and $\frac{57.50}{301.33}$ = 19% of 269 = 51.11 "J" P R Co.
and $\frac{14.83}{301.33}$ = 5% of 269 = 13.45 "K" T. C. Co.
Then up & L Co are entitled through flume 204.44 "I" + 12.47 "B" − 20.60 = 196.31 cfs and less the amt to T. C. Co. = (14.83 − 13.45 = 1.38 "L") = 194.93 cfs. + 10.00 "D" = 204.93 "m"
and Provo Res Co are entitled to 51.11 "J" + 20.60 "C" + (38.53 "A" − 10.00 "D") = 100.24 "m" cfs through Provo Res Canal
Timpanogus Canal Co. 13.45 "K" + 1.38 "L" = 14.83 "G"
Total 100.24 "m" + 204.93 "m" + 14.83 "G" = 320.00 and Provo Res Co are entitled to 10.00 cfs thru Provo Bench Canal "D"

Total

Computations made by T. F. Wentz 78 Observations made by

vs.

Provo City et al

2888 Civil

Model "H" not used see sheet "B" 7-18-18.

Tabulation of Flow and Distribution of Provo River for July 18. 1918.

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

Outline of Distribution 7-18-18. as Prepared by Gray and Stowell on Canal 7-16-18.
System Below Palisade of Utah Power & Light Co on these lights.

Discharge Provo River 7-15-18 = 386.96 cfs on Gauge 120-62
Gauge 7-18-18 = 112-52 a discharge of 360.
7-15-18 River on Provo Canyon 347.71
7-18-18 " " " " 320. deducted.
7-18-18 Provo Res Co Storage 31.68
7-18-18 " " " Power Wtr. 6.85
7-18-18 Total 38.53 "A" not subject to Per Rate.
7-18-18 Up & Lbs Power Water 6.85
" " " Lost Creek 1.41
" " " Bud of Wy Falls 3.61
" " " Guard Junction .60
" " " Total 12.47 "B" not subject to Per rate.
Provo Res Co to receive by "Concession" Dairy Reg Water 13.75 and Up & Lbs. Power Water of 6.85 a total of 20.60 cfs "C".
Provo Res Co to draw through Provo Bench 10.00 cfs "D"

Provo Res Co, Class "A" of 50.00 cfs less 10.00 ("D") = 40.00 "E"
" " " Wright Water 5.00
" " " Dixon Water 2.50
47.50 "E"
Up & Lbs. Class "A" from River 229.00 "F"
Impounding Res Co Class "A" 14.83 "G"
Total (subject to Per rate) 291.33 "H"

38.53 "A" + 12.47 "B" = 51.00 from 320 = 269 cfs to Per rate.
Then $\frac{229}{291.33}$ = 78.6% of 269 = 211.43 "I"

$\frac{47.50}{291.33}$ = 16.3% of 269 = 43.85 "J"

$\frac{14.83}{291.33}$ = 5.1% of 269 = 13.72 "K"

Then up & Lbs. are entitled from flow 211.43 "I" + 12.47 "B" − 20.60 = 203.30 "L"
and less 14.83 − 13.72 to Impounding = 1.11 and 203.30 − 1.11 = 202.19 "M"
Impounding 13.72 "K" + 1.11 = 14.83 "N"
Provo Res Co through Provo Res Canal are entitled to 43.85 "J" + 38.53 "A" + 20.60 "C"
= 102.98 "O"
Gauge 2.13

	102.98
	202.19
	14.83
Total	320.00

Computations made by D. F. Dewey

79

Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 20, 1918

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

I go to office. McEwan Reports GH Provo Res Co. at 2.38. I call oliver and tell him to close gate at Nunns and take spill thru flume, and until monday run Nunns River gage at 64.
Heber Light and Power Co. out at 1020 am, back in at about 8 pm.
Held meeting at office with J. Edward Taylor & T.C. Thompson regarding the use of Factory Race water by Timpanogus Irrigation Co., nothing definite decided.
Mr. Thompson states we may use Factory Race water until Thursday morning as Knight Woolen Mills are making some repairs and will not be able to use water before then.

July 21, 1918.

Provo Bench	427p	178	81.25
West Union	436p	84	34.08
Provo Res Canal	446p	219	111.00

July 22, 1918. The last few days have been very irregular expect to get things settled within a few days. I am making no change until the disposition of Factory Race water has been decided. Held conference with J Edward Taylor – no decision reached.
Sam Jones reports – good flow at Heber. GH of Timpanogus 1.66 I authorize him to raise 1 to 2 inches.

Total

Computations made by T. F. Wentz 80 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet I.

Tabulation of Flow and Distribution of Provo River for July 23, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Can.	835a	176	78.48								6.08		
Provo Bench Company				62.14	6.21	—	68.35	10%	6.21	74.56			
Provo Res Co thru Provo Bench Canal							10.00			10.00			
West Union	910a	84	34.08	27.14	—	—	27.14	10%	2.71	29.85			
Park & Mutual	912a	38	2.51	2.03	—	—	2.03	10%	.20	2.23			
Barlow & Young	948a	33	2.00										
By Timpanogus Dam	1007a		6.86										
Munns River Gage	1055a	60.											
Olmstead Flume Munns	1115a	526	193.84				202.02 "L"			202.02	8.18		
Timpanogus Canal Co.	200p	94	13.10	11.30	2.00		13.30			13.30	0.20		
Provo Res Canal	925a	2.00 ~~0.03~~	95.16										
" " Lot #1.	925a	0.03	.02				93.66 "M"			93.66		1.52	
			95.18										
Ute U. & T. Td.	215p	70	17.04	12.56	2.44		15.00	10%	1.25	16.25			
Baum Ditch	348p	95	2.36										
Young "	400p	.5	1.16	1.86	—	—	1.86	10%	.18	2.04			
Dixon "	425p		0.0										
City													
East Union	414p	76	18.67										
Factory Race	416p	est	1.00										
City Race	430p	80	12.03	38.40			38.40	10%	3.84	42.24			
Tanner Race	449p	45	8.48	(Factory Race not included)									
Sub total			40.18										
Waterworks assmd			6.00	6.00	—	—	6.00	no change		6.00			
Little Dry Creek	500p		6.27	6.75	—	—	6.75	10%	.67	7.42			
Fork Field	546p	54	2.47	5.74	—	—	5.74	10%	.57	6.31			
Riv Below F.F.R.	est		0.20	—	—	—	—	—	—			0.20	
East Riv. Bot. W. Co.	p.		15.44	5.29	—	—	5.29	10%	.53	5.82			
Lake Bottom & West Side	P.		18.42	18.04	—	4.00	14.04	10%	1.80	15.84			
Reserve										9.37			

Total River Provo Canyon 308.98 "A"
Provo Res Co & Sego Irrig Co Storage 26.88
Tunnel Water 12.30
39.18 "B"

Natural River Provo Canyon 308.98 "A" − 39.18 "B" = 269.80 "C"

of Natural River				
~~U.P. & L. Co. as entitled to~~	~~229.00~~ ~~299.80~~	~~= 76.4% of 269.80~~	~~= 206.13 "D"~~	
~~P. R. Co. " "~~	~~57.50~~ ~~299.80~~	~~19.2% of 269.80~~	~~= 51.80 "E"~~	
~~Timpanogus " "~~	~~13.30~~ ~~299.80~~	~~4.4% of 269.80~~	~~= 11.87 "F"~~	
Total	334.89		334.89	

Computations made by T. F. Wentz & H. L. Stover T.F.W. 81 **Observations made by** T. F. Wentz & H. L. Stover T.F.W.

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet #2

Tabulation of Flow and Distribution of Provo River for July 23, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Res Co. & Legs.			Storage			26.88							
" " " "			Trans Water			6.15							
						"D" 33.03							
not subject to Permits.													
up & L Co.			Trans Water			6.15							
			Long Creek			1.41							
			B.V. Falls.			3.61							
			Trans Junitas			.60							
						"E" 11.77							
Not sub. to Per Rate.													
Provo Res Co. & Recovery "Concession Failing Rec Vol 1375													
and up & L. Co Trans Water 6.15 & Leg of 19.90 "F"													
Provo Res Co Class "A." Natural River Rights									5250				
up & L Co " " " " "									229.00				
Impounds " " " " "									13.30				
total " " " " "									299.80				
Then 33.03 "D" + 11.77 "E" = 44.80 from 308.98 "A" = 264.18 "G"													
to Permits.													
Then $\frac{229.}{299.80}$ = 76.4% of 264.18 "G" = 201.83 "H"													
$\frac{5250}{299.80}$ = 19.2% of 264.18 "G" = 50.73 "I"													
$\frac{13.30}{299.80}$ = 4.4% of 264.18 "G" = 11.62 "J"													
Then up & L Co are entitled to 201.83 "H" + 11.77 E − 19.90 "F" =													
193.70 and less the amt to P. Canal Co of (13.30 − 11.62 = 1.68)													
"N" 1.68 (stipulation underlying decree) = 192.02 "K" ~~4~~													
10.00 of Provo Res Co storage through Provo Bench Canal													
= 202.02 "L". ~~total~~ through flume.													
and Provo Res Co are entitled to 50.73 "I" + 19.90 "F" + (33.03 "D"													
− 10.00) through Provo Bench Canal = 93.66 "M" through Provo													
Res Canal													
and Impounds are entitled to 11.62 J + 1.68 "N" = 13.30 "O"													
and 13.30 "O" + 93.66 "M" + 202.02 "L" = "308.98 "A"													

Total

Computations made by F. G. Wentz & H. P. Clark 82 Observations made by F. G. Wentz & H. P. Clark

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 3. of 3.

Tabulation of Flow and Distribution of Provo River for July 23, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bottoms.													
C.	118p	est	.75										
City Creek gage	120p	.20											
D	121p		00										
E	123p		00										
F.	124p	est	0.10										
G.	126p		00										
H.	127p	est	0.05										
I.	140p	22	.48										
H2	221p	est	0.05										
J.	243p	98	7.23										
"L"	253p	est	.50										
K.	300p		00										
M.	302p		00										
N.	303p		00										
O.	312p	94	6.28										
P.	334p		00										
			1544										
West Side													
Lake Bottom Canal	620p	1.00	11.71										
George Taylor	630p	est	.40										
Over Spill	630p	est	.20										
Ashlin Taylor	633p	est	.10										
Partridge Ditch	642p	.40	.78										
Steve Jones	700p		00										
Brown Ditch	703p	est	20										
Clyde Ditch	720p		3.25										
approx 3.75 from River.													
Tamer W. Ditch	735p	0.07	.13										
Tamer Flume	737p		00										
" E Ditch	742p	36	1.85										
			1842										
Total													

Computations made by T. F. Wentz 83 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 July 24, 1918.

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

8:30 am
I call Chipman and order that Timpanogus Dam be made tight.
I call Oliver of U.P. & L. Co. and request him to raise water in Flume to G.H. 5.90 at Nunns station, I suggest it would be well to make this raise in two steps one this morning and one this afternoon.
I call J. Edward Taylor regarding Factory Race water, he states; no definite arrangements have been made to allow Timpanogus Irrigation Co to use this water.
I call Peay, watermaster of Provo City he states he does not know if the mills are ready for the water or not.

I call Knight, Clegg and Jones — not able to get either of them.

Under condition it seems best to change Factory Race water from Provo Reservoir Canal to Provo City to night.

T. F. Wentz

Copy to U.P. & L. Co.

Total

Computations made by ..... 84 Observations made by .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 24, 1918

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

I call at Olmstead Plant Oliver states "We have raised from 58 inches to 60 inches at gage below gate house."
I call at Dam Richens states "We are full in this old flume."

Vivian Park gage	207p	109.	
Provo Res Canal	411p	170	75.00

at 820 pm Mr. Peay phones "We cannot be ready for Factory Race water this week."

Factory Race Water returned July 24, 1918 at 10.00 am.

July 25, 1918.

Provo Bench	507a	176	78.50
West Union	525a	86	35.52
Provo Res Canal	536a	160	68.00

at 810 am I call Oliver of UP & Co. and request him to turn 5 cfs over Spillway to Provo Res Co. I cut Park & Nuttall, West Union, [illegible]
at request of North Union Irrigation Co. in Company with Alonzo Hooley, George Schaelle, George Ash, and Thomas Jarman, I go over canal and make recommendations of changes necessary in distributing system to give to each lateral its proper amount of water.
Provo Bench Canal cleaned of Moss to-day.

Provo Bench	542p	175	77.50
West Union	555p	86	35.52
Provo Res Canal	606p	175	77.50
" " Lot #1	606p		3.12
			80.62

I cut River Bottoms and take out part of Dams.

Total

Computations made by [signature] 85 Observations made by [signature]

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Main Canal
July 26. 1918.

Tabulation of Flow and Distribution of Provo River for July 26. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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	525a	170	23.50							28.35	4.85		
West Union	540a	77	29.64							27.14		2.50	
Provo Res Canal	550a	176	77.50							75.38		2.12	
City Cutoff	649	20											
W.S.L. & P. Ind	640a	62	14.08							15.00	92		
Pumpkinvus CC	644a	94	13.10							13.30		20	
Provo City													
City Rock	739a	82	13.90										
East Union	747a	81	20.72										
Factory Rock	749a	est	1.00										
Tanner Rock	819a	48	9.48										
Tot.			45.10							54.15	2.05		
Sub total											12.85	4.82	"B"

Reference Diagram
Provo Bench Canal
Provo Res Canal
Pumpkinvus Canal
Provo City

I intend to go over balance of canal to find defect "D".
7-23-18 Total River Provo Canyon 308.98 and Out. 112-56
7-26-18 " " " " "X" 285.— " " 105-52 (Red)
Stage & Pump Water 39.18 and 285 - 39.19 = 245.82

Provo Res Co Stage 26.88
" " " Pump 6.15
3303 "A" not Output to Pro Res Co.

up & L Pump 6.15
Fast Cut 1.44
B V Gates 3.61
Pump funds 60
11.77 B. not output to Pro Res Co

then "A" + "B" = 44.80 from 285 = 240.20 to Pro Res Co.

Then up & L. = 76.4 % of 240.20 = 183.40 "C"
" P R Co = 19.2 " " " = 46.15 "Q"
" Pump CC = 4.4 " " " = 10.55 "E"

and up & L Co are credited to 183.40 "C" + 11.77 "B" - 6.15 "D" (Pump Water by conversion thru P R Co Canal) - 2.75 "F" (By supervision to Pump CC) + 10.00 of P R Co Stage thru Provo Bench Canal = ~~[illegible]~~ = 196.27 "J"
and Pro Res Co are credited to 46.15 "Q" + 33.08 "A" + 6.15 "B" = 85.38 less 10.00 thru Provo Bench Canal = 75.38 "A" thru P. R. Co. Canal.
and Pumpkinvus CC are credited to 10.55 "E" + 2.75 "F" = 13.30 "I"
and 13.30 "I" + 75.38 "A" + 196.27 = 285.

Total

Computations made by T. F. Wentz 86 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 July 26, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	525a	170	73.50										
West Union	540a	77	29.64										
Provo Res. Co.	550a	176	77.50										
River Bottoms C.	607a	est	4.00	off time Cut to 00									
City Creek gage	614a	20											
River Bottoms.													
D.E. F.G.H.			00										
River Bottoms I.	~~est~~	est	8.00	Cut to 4.00									
[illegible]	640a	62	14.08										
Tampanogus.	644a	94	13.10										
River Bottoms													
Km. N. O.			00										
Upper E. Union	706a	92	14.20										
Young Ditch	720a	est	1.00										
Baum Ditch	720a		00										
City Race	739a	82	13.90										
East Union	747a	81	20.72										
Factory Race	749a	est	1.00										
Tanner Race	819a	48	9.48										
			45.10										

I call Oliver and tell him of 2.12 cfs excess to PRCo. We think it best not to try to make this change as falling. River will hit Provo Res. Co. Oliver states – we will keep flume at some point.
I go to breakfast at 10 am
I cut West Union, and order East River Bottoms Water Co to get down to decreed rights
I have some trouble with car, I get a "Ford".
To Wasatch Co in pm.
I allow John C. Whiting to take stream of water at 12 M. 7-27-18 to irrigate 4 acres of beets and 2 acres of alfalfa.

Wasatch Canal	507p	68	36.54	
N. Field	509p	46	16.28	52.82

Tampanogus Irrigation Co have arranged for N. Field water for a short period to mature their wheat. I cut N. Field to [illegible] 24 – 6.12 cfs. N. Field also has 3 cfs in Wasatch for Billy Mac Ditch.

Total

Computations made by T. F. Wentz 87 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 July 26, 1918

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

Wasatch 527p 50 47.25
Timpanogus. 539p 15 28.00 and stream of 1 cfs above station.
Below Wasatch Dam 612p 00 10.50
Provo Res Co Weir 605p 96 30.60 "clegg"
Total 47.25 + 6.12 + 10.50 + 30.60 + 29 = 123.47

Distribution:
To Midway Irrig Co. 10.50
To P.P. Co & Sego. Storage 26.88
Onlinor Water & Provo Div. 12.30
49.68
Less amt by Dam of 10.50
Amt to go by Provo Res Weir 39.18
Timpanogus Storage 14 +
15 cfs from N Field 29.00

Wasatch 29 7.00 36.00
N. Field Right 23.79
Less 15 cfs to Timpanogus. 9.00
Total 49.68, 29.00, 36.00, 9.00 = 123.68

Drawing Provo Res Weir at 7.40p. to 106 36.18 unable to get higher without more plank
Midway River D. 720p 45 8.00 ~~8.00~~ Johnson has stream out above weir
estimated at 250 cfs
Island Ditch 742p est 7.00

Total

Computations made by T. F. Wentz 88 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 July 27, 1918.

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

With John Clegg we have talk with Thos. Rostand. Mr. Rostand is going back to Lake to-day, and will turn 15 cfs. water for Wasatch Canal Co, making a total of 58 cfs. exclusive of inflow. I have instructed Mr. Rostand to call on Provo Reservoir Co by phone, between 7:30 am and 8:30 am of Sunday, Wednesday and Friday of each week, and if not able to use phone to make repairs, and if unable to repair go to Kamas once a week and call me by phone. This method has become necessary as we are unable to send Lakes for 2 or 3 days at a time.
(15 cfs to Provo (stage))

Amelia Flume

at Nuns Slot.	11:15a	510	
Nuns Pit Gage	11:43a	47	
Prov Res Canal	12:14p	130	73,50
Provo		13,10	Some gage at bend.

July 28, 1918.

Provo Rose	9:42a	42	7,66	
East Union	9:45a	80	20,29	Reported by Perry
City Rose	9:50a		13,90	Estimated by Perry / Carlson.
Factory Rose		est	100	Mr. Reay states they are not
			42,85	using for Factory Rose water.

I found John W Slutts with approx 8 cfs out, off schedule. He states he has lost his time and he agrees to turn off and take it on his turn in the morning.

Provo	11:04a	92	10,70
Wasatch L.	11:07a	64	14,88
By Provo to L.	11:27a	est	4,00
Prov Res Co	11:37a	153	63,50
" " Lake	11:37a		00

made out sheets for proposed distribution for tonight and tomorrow morning.
Observe that "condition" of upper Lake. Outside Tunnel water to Edward Taylor through Provo Res. Co, expired last night.

Total

Computations made by P. F. Wentz

Observations made by P. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 28, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Calling of Distribution to-night and tomorrow morning.													
7-23-18	Provo River			334.89	on	Diff.				112-56			
7-28-18	"		"	295.		"		"		100-48			
Provo Bench Co.				~~62.14 6.27~~						68.35			
West Union										27.14			
Pat Mut & Bolton & Young										2.03			
W.C.M.&T.R.										15.00			
City Civil Dept										1.86			
S. Riv Bot Water Co.										5.29			
Provo City & Factory Acre										52.15			
Walmsworth Company										6.00			
Little Dry Creek										6.75			
Fort Field Irrig Co.										5.74			
Lake Bottom Canal Co. et al										8.75			
Spring Creek Users.										5.29			
										214.35	"L"		

Note: Shortage shown Oregon - nights & Pleas on afternoon only "O.K."

River Provo Canyon 270. c.f.s.
Provo Res Co & Legs Reliance 26.88
" " " Tunnel Water 6.15
33.03 "A"
U.P. & Leo Tunnel 6.15 "B"
" " Lake Creek 1.41
B.V. Falls. 3.61
Tunnel Durlin .60
11.77 "B"

"A" + "B" = 44.80 from 270 = 225.20 "C" to be Rated

Thru U.P. & Leo are entitled to 76.4% of 225.20 = 172.05 "D"
P.P.&Co are entitled to " 19.2% of " " = 43.25 "E"
Tunnel " " " 4.4% " " " = 9.90 "F"
Thru U.P. & Leo are entitled to 172.05 "D" + 11.77 "B" and less amt to Tunnel (13.30 - 9.90) 3.40 "H" = 180.42 + 10.8
P.P.&Co. taken through Provo Bench = 190.42 "G"
Provo Res Co & Legs through Provo Res Canal are entitled to 43.25 "E" + 33.03 "A" less 10. through P. Bench Canal = 66.28 I.
and Tunnel is entitled to 9.90 "F" + 3.40 "H" = 13.30 "J"
and 13.30 "J" + 66.28 I + 190.42 "G" = 270.00
190.42 "G" + 26.00 inflow below Tabernacle = 216.42 "K" Deficit
equal to "L".

Computations made by J. T. Wenz 90 Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 7 & 8, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Calling of Distribution to-night and tomorrow morning.													
7-23-18	Total River			334.89	on					112-56			
7-28-18	"		"	295.		"		"		100-48			
Provo Bench Co.				~~6,14~~ 6,17						68.35			
West Union										27.14			
Port Mut & Bolton Spring.										2.03			
UE M & T R.										15.00			
City Civil Dept										1.86			
E. Riv Irr Water Co.										5.29			
Provo City & Factory Ave										52.15			
Walmsoths Ampd.										6.00			
Little Dry Creek										6.75			
Fort Field Irr Co.										5.74			
Lake Bottom Canal Co. et al										8.75			
Spring Creek Users.										5.29			
										214.35	"L"		

Note: Observations show Canyon rights & P. Leo are approximately "O.K."

River from Canyon 270.00
Prov Res Co & Legs Reinge 26.88
" " " Tunnel Water 6.15
33.03 "A"
Upp & Leo Tunnel 6.15
" " Long Creek 1.41
B.V. Falls. 3.61
Tunnel Durbin .60
11.77 "B"

"A" + "B" = 44.80 from 270 = 225.20 "C" to be Rated

Thos Upp & Leo are entitled to 76.4% of 225.20 = 172.05 "D"
P. P. Leo are entitled to " 19.2% of " " = 43.25 "E"
Tunnel " " " " 4.4% " " " = 9.90 "F"
Upper Riv & Leo are entitled to 172.05 "D" + 41.77 "B" and less amt to Tunnel (13.30 - 9.90) 3.40 "H" = 180.42 + 10.8
P. P. Leo taken through Prov Bench = 190.42 "G"
Prov Res Co & Legs through Prov Res Canal are entitled to 43.25 "E" + 33.03 "A" less 10. through P. Bench Canal = 66.28 "I."
and Tunnel is entitled to 9.90 "F" + 3.40 "H" = 13.30 "J"
and 13.30 "J" + 66.28 "I" + 190.42 "G" = 270.00
190.42 "G" + 26.00 Inflow below Tailrace = 216.42 "K" Respect
equal to "L".

Total

Computations made by J. T. Wenz 90 Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 29, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	6.10a	168	71.89										
West Union	6.24a	68	24.36										
Cut Park & Mutual	approx		2 cf	at	6.27a								
Provo Res Co.	6.38a	151	62.00										
Bartlin Springs,	cut to		~~00~~	off schedule,									
Provo Bench	7.01a		cut	0.1 cf	at	head.							
City Creek	7.16a	28											
W.U. & S.F.	7.44a	60	13.40										
River Bottoms. C	7.13a		cut	.75									
D.	7.18a			~~00~~									
E.	7.19a			~~00~~									
F.	7.20a			~~00~~									
G.	7.24a			~~00~~									
H.	7.25a			~~00~~									
I.	7.40a		cut	0.50									
A	7.55a			~~00~~									
J.	8.00a		cut	10.00	cut	to	6.00						
L.	8.04a		cut	.50									
K.	8.15a			~~00~~									
M.	8.16a			~~00~~									
N.	8.17a			~~00~~									
O.	8.19a			~~00~~									

Home for breakfast at 7.00a & call Jos. Hampton and advise him more water is going to city. Mr. Hampton states – he thinks they will be ready for Factory Race water by Wednesday morning.

Joseph Nelson of Spring Creek phones and states his neighbors are hogging all the water, & advise him I will make new schedule. I go to office, engage Mr. Wright to copy schedules and to Mr. Nelson new schedule.

Tanner Race	11.45a	55	11.68
City Race	11.54a	101	17.60
East Union	12.07p	89	24.12
Factory Race	12.14p	cut	1.00
			54.40

I have notified Timpanogos Canal Co. that all hereafter when Provo will be charged against their beginning Tomorrow.

Total

Computations made by P. T. Wentz 91 Observations made by P. T. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for July 30, 1918.

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

I have instructed McEwan to lighter dam, and to observe Tropanogus in the work on their dam so as not to cut Tropanogus out, but I desire to not have leakage passing Tropanogus dam. Cso to office.

Fort Field	543p	52	2.35	
River Below Pt. Fd.	555p	est	0.10	
Lake Bottom Canal	611p	85	7.66	
Geo Taylor D.	627p		0.0	
Over Spill	627p	est	0.05	
Ashley Taylor D.	629p	est	0.05	
Partridge Ditch	636p	40	78	same as 7-23-18.
Steve Jones	651p		0.0	
Brown Ditch	656p	est	1.25	in 3 streams
Clyde Ditch	715p		184	
By Clyde Ditch	723p	est	1.50	
From River		est	2.34	
Tamer E Ditch	755p	29	1.32	
" W "	756p		0.0	
" Flume	758p	80	0.85	
			13.75	

Tamer West Ditch has just been turned off as near as I can arrive at G.H. by marks on bank it was 70 = 3.98 total 17.73.

Total

Computations made by T. F. Wentz 92 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 July 31. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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	8.50a	158	68.86	67.14	6.21		68.35	Plus 19.00 cfs P.R.Co.	78.35	14.49		
West Union	9.35a	71	26.04	27.14	—	—	27.14		27.14	1.10		
Park & Nutting	9.30a	29	1.66	2.03			2.03		2.03		.86	
Baldin & Young	10.00a	24	1.23									
Weld & Thief	12.00p	59	13.04	12.56	2.44	—	15.00		15.00	1.96		
Bean Ditch	2.40p	est	0.25									
Young "	2.40p		1.50	1.86			1.86		1.86		1.64	
Young "	3.40p.		1.95									
East Riv Bottom Wks.			14.08	5.29			5.29		5.29		8.79	
Provo City.												
City Res	3.07p.	99	16.42									
East Union	3.34p	89	24.12	57.15			57.15		57.15		7.67	
Tanner Res	4.07p	57	17.28									
Farley Res	~~7.35p~~	est	2.00									
Waterworks	assmd		6.00	6.00			6.00		6.00		Nochange	
Little Dry Creek	4.18p	68	~~7.80~~ 7.55	6.75			6.75		6.75		1.05	
" " "	4.18p	est	.25									
			7.80									
Dry Creek Res		est	2.00					Assmd				2.00
Fort Field X	5.40p	52	2.35	5.74			5.74	7-30-18	5.74	2.39		
Rock Bear Ditch X	5.50p.	est	0.10					" " "				.10
Left Bottom Canal X	6.10p	85	7.66	12.75	—	4.	8.75	" " "	8.75		1.09	
Spring Creek Wks X	gen		10.07	5.29	—	—	5.29	" " "	5.29		4.78	
X												
Pumpkinvine CC.	1.56p	1.00	15.80	13.30	2.00		13.30		13.30		2.50	
Provo Res Canal	10.11a	146	58.27									
" " Lat #1	10.11a	43	1.80						63.83	2.81		
			60.07									
Amelia Flume	11.43a	504	180.00						180.74		.74	
Dry Pumpkinvine Dry	12.54p	est	1.75								1.75	
Nunns Ditch Dry	11.24a	40										

Total Run Provo Canyon = 180 + 60.07 + 15.80 + 1.75 = 257.57 "A"
Provo Res Co. & Legal storage & Turned Water 33.03 "B" not sent to Per Rate.
up & Leo Turned & Springs 11.77 "C" "B" + "C" = 44.80 from 257.57 "A"
= 212.77 to Per Rate.
Net up & Leo 76.4% of 212.77 = 162.60 "D" + 11.77 "C" + 10. = 184.37 - 33.03 "B"
P & Leo 19.2% of 212.77 = 40.80 "E" + 33.03 "B" = 73.83
Pumpkinvine 4.4% of 212.77 = 9.37 "F" + 3.63 = 13.30

Total 290.03 291.48

Computations made by J. F. Wentz 93 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 July 31, 1918. sheet 2

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bottoms													
C	102p	est	.75										
Qty Creek gage	104p	40											
D	105p	00											
E	106p	00											
F	107p	00											
G	111p	0.0											
H	112p	0.0											
I	145p	22	48	same as 7-23-18.									
H2	207p	est	0.10										
J	209p	86	6.35	Curve.									
L	214p	est	.50										
K	219p		00										
M	220p		00										
N	221p		00										
O	224p	89	5.90										
P	232p		00										
			14.08										

at 7 pm I authorize Jacobs of Provo Res Co to increase flow in Provo Res Canal to 63.83 cfs

Total

Computations made by T. F. Wentz 94 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 August 1, 1918

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

at 8.50 am I raise Provo Bench 0.10 at head, I close gate of Park & Nuttall - some leakage, I raise W.E.U. & T.Td. by turning the 0.75 cfs leakage of River Bottoms C. to W.E.U. & Td. and by raise of gate 5 ins.

City Creek gage 9229 ~~86~~ 28

Upper East Union 9552 86 12.00 "Raising".

Mr. Cluff of W.E.Union has stated they were not getting irrigated over lower end of system the last week. I have intended to go over whole canal with him to-day, he meets me at register, we proved down canal, some of gates are leaking, a small stream over spill which we close, water line is at highwater mark, canal is in very bad condition on account of mass, approximately one-half of channel completely obstructed. I advise Mr. Cluff to have canal thoroughly cleaned of mass and leaks stopped, and after this is done I will go over system, I am sure I can then make a more favorable report, and I believe they will be able to fully irrigate all their lands.

Jacobs calls my attention to modification of decision regarding the Dixon 10 cfs and he states Mr. Dixon has made assignment to Provo Res. Co. I am unable to find in files the assignment.

River Bottoms have agreed to stop all leaky gates and be moderate in the size of the two diversions.

Provo Bench 142 p 166 70.25

West Union 152 p 67 23.76

at 2.05 Raised Provo Bench, on way to Heber.

USGS. gage 243 p 34

Total

Computations made by T. F. Wentz 95 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 7.

Tabulation of Flow and Distribution of Provo River for Aug 1, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wasatch Canal	4886	76	43.47		600	—	4767	—	—	4420	0.73		
Weed Treatment	4106		5.50							5.50	—	—	
Timpanogos Irrig Co	4236	154	28.60							23.40		4.80	
Provo Res Weir	4376	100	32.76							36.83	4.07		
By Wasatch Dam			10.50							10.50			
			120.83							120.83	4.80	4.80	

Timpanogos Stringe	14.40
Provo Res Co Stringe	24.00
Bogs Irrig Co "	2.88
Wasatch Irrig "	14.40
Ontario Irrig	17.80
Sub Tot	73.48

120.83 less 73.48 = 47.35 "A" Natural River

Distribution Stringe & Tunnel Water.

Midway Irrig Co.	5.50	"B"
To Prov Res & Bogs	26.88	"C"
Utah Power & Light Co Tun.	6.15	"D"
Prov Res Co Tunnel Water	6.15	"E"
	44.68	"K"

Copy to Judge Marshall
" " " Mr. Lee

Natural River Distribution.

Wasatch Irrig Co.	4167	= 50.3% + 6% for loss	20.80	+ 6%	2.68 J.
M. Tuly	3571	= 43.3%	17.90		17.90 "H"
Midway Irrig Co J & Ent	500	= 6.4%			2.65 "J"
	8235	100			47.35

47.35 less the 6% of Losses & Wasatch = 41.35 J & Prorate as shown above

44.65 K + 2.65 J is amount to go by Wasatch Dam and Provo Res Co Weir = 47.33 less 10.50 by Wasatch Dam = 36.83 "L" through Provo Res Co Weir and is a ratio of 1.07

Wasatch Irrig Co is entitled to 26.80 J + 14.40 stringe + 3.50 Billy Mic. = 44.20 M.

M. Tuly is entitled to 5.50 + 3.00 = 8.50 "M" from 17.90 H = 9.40 "O" to Timpanogos Irrig Co by arrangement

and Timpanogos is entitled to 14.40 stringe + 9.40 "O" = 23.80 P.

Total. 10.50, 36.83 "L"; 44.20 M 5.50 M, 23.80 P = 120.83.

Total

Computations made by F. F. Wentz 96 Observations made by F. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 2.

Tabulation of Flow and Distribution of Provo River for Aug 1. 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Prov Res Co Wire	5 46	112	39.33		Reduced to 107 cfs								
Engage Hy. Mullen & Heber City Power Plant & maintain													
Prov Res Co Wire at Draft													
107.													
I cut Temporaries and arrange for final adjustment by Power Plant.													
Midway Ditch													
6790		45	8.13										

Aug 7. 1918.

Up Creek Deportment	814a	17	19.88										
Upper Charleston	849a	23	9.41										
River Below Midway													
Lower Dam	913a	171	44.77										
Carpenter Line	1035a	est	0.10										
at 1015a I cut Lower Charleston at Head.													
Burm Well	1111a		15.00										
Charleston Inv Canal	1115a		1.28										
Round Valley Creek	1210p	est	6.97										
Wells Gage	1200p		38										
Small Parkgate	1220p		57										
Krum Park Gage	1220p		1.00										
Lost Creek	450p		2.87										
U. Canal Dante	450p		280.60										
Red Veil Gate	520p		3.57										
By Temporaries													
Dam	670p	est	0.30										
Prov Res Canal	670p		15.00						64.00				
" " Lift	670p		00						00				

Copy to Judge Marvine
" " Supt Res Co.

Total

Computations made by J. F. Wentz 17 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 aug 3, 1918.

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

at Office - change of storage flow to be made morning of aug. 6. as follows: Provo Res Co. 20 cfs. Rego Irr Co. 3 cfs Weak 2 cfs.

aug 4, 1918. I call Bond at Tates and request him to cut storage to 45 cfs in morning of aug 6. Then reports gages as follows:
Trial 221; Washington 247; Well 300

Storage of well at 300 = 171
" " Washington at 247 = 114
" " Trial " 221 = 676
Total 1991

Provo Bench	1010a	167	68.37
West Union	1022a	67	23.76
Provo Res Canal	1033a	156	64.60
" " Lat #1	1033a		20
Provo Bench	1040a	Cut	off head.
Porter & Young	1045a	Cut	8.00 off schedule.

about stops spilling over Impingus dam.
I have requested Olsen & Little a little more water thru flume by closing gate & notches.

City Creek gage	1100a	20	
McEwan & F.	1114a	65	15.12
City Race	1135a	78	13.10
& Union	1144a	92	25.43
Farley Race	1146a	est	1.00
Jamie Race	1205p	46	8.84
			48.37
Provo Res Canal	710p	145	57.60
" " Lat #1			20

I request Olsen & Rowe gate 1 notch, and have requested McEwan to lighten dam and cut surplus over Impingus dam.

aug. 5, 1918.

Provo Bench	900a	172	71.65
Impingus	1238a	98	12.50
McEwan & F.	1242a	66	15.56
City Creek gage	1253a	40.	

Provo Res Co at lightening dam, I call Chapman of Impingus Canal Co. and request him to stop leak. Before envelope dam Runway or shows this p.m. and evening, storm from south west over Provo Bench and thru Canyons. Talked with Clegg regarding storage water. Talked with Johnson of City Creek agreed to meet Watermaster at Weir in Morning.

Total

Computations made by J. F. Wentz 78 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 Aug 3, 1918.

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

at office - change of stroke flume to be made morning of Aug. 6. as follows: Provo Res Co. 20 cfs. Rego Aug 6 3 cfs Wasatch 22 cfs.

Aug 4, 1918. I call Bond at Fifes and request him to cut stroke to 45 cfs in morning of Aug 6. Measurements gages as follows:
Trial 221: Washington 247: Well 300

Stroke of Well at 300 = 171
" " Washington " 247 = 1146
" " Trial " 221 = 676
Total 1991

Provo Bench	1010a	167	68.37
West Union	1022a	67	23.76
Provo Res Canal	1033a	156	64.60
" " Lat #1.	1033a		00
Provo Bench	1040a	Pumped water out of tank.	
Bonbrook & Young	1045a	Cut to 00 off schedule.	
about 2 hrs spilling over Tanyungus Dam.			
I have requested Olsen to lift a little more water thru flume by closing gate & notches.			
City Creek Gorge	1110a	20	
Wells & T.F.	1114a	65	15.12
City Race	1138a	78	13.10
& Union	1144a	92	25.43
Fairy Race	1146a	est	1.00
Jenne Race	1205p	46	8.84
			48.37
Provo Res Canal	710p	145	57.60
" " Lat #1.			00

I request Olsen to raise gate 1 notch, and have requested McEwan to lighten dam and cut waste over Tanyungus Dam.

Aug. 5, 1918.

Provo Bench	900a	172	71.65
Tanyungus	1020a	98	12.50
Wells & T.F.	1042a	66	15.56
City Creek gorge	1053a	40.	

Provo Res Co on lightening dam, Neal Chipman of Tanyungus Canal Co. and request him to stop leak lightning developed on dam running in storm this p.m. and evening, storm from South west over Provo Bench and thru Canyons. Talked with Clegg regarding stroke water. Talked with Johnson of Dry Creek agreed to meet Wednesday at Weiser Wyoming.

Total

Computations made by J. T. Wentz 78 Observations made by J. T. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 6, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Clear & Cooler.													
Little Dry Creek	156a	48	448										
" " Shoofly		est	25										
			473										

Water in Factory Race. Go to Salt Lake on noon train return on 6:46 Cor. Wind from N.W. Cooler. Repaired Wiring on meter. Provo Res Canal 845p 136 7750, up & L Co. Load same.
Additional waters to Provo Res Co. caused by storms, Oliver reports no change in amount in flume, at present I am unable to account for extra water coming down river instead of flume unless control of flume is now regulated by radial gate.

Total

Computations made by T. F. Wentz 99 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet I

Tabulation of Flow and Distribution of Provo River for Aug 7 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Gage Height			100 – 52										
Group "A"													
Provo Bench Canal	842a	170	67.88							78.35	10.47		
Provo Bench Co.				62.14	6.21		68.35						
Provo Res Co through Provo Bench							10.00						
West Union Canal	928a	72	26.64	27.14			27.14			27.14	0.50		
Park & Nuttall	930a	37	2.40	2.03			2.03			2.03		.37	
Barlow & Young	1011a		.00										
Timpanogos Dam													
Leakage	1017a	est	(0.30)										
Emergency Dam Leakage	1017a	est	(0.30)										
" Channel	1017a		.00										
Wolf & T. Field	219p	66	15.56	12.56	2.44		15.00			15.00		.56	
Young Dist	342p	70	1.87										
Baum "	349p	est	.30	1.86			1.86			1.86		.31	
Dixon "	450p		.00										
E. River Bottom W.C.	Jan		16.49	5.29			5.29			5.29		11.20	
Provo City													
City Race	412p	39	4.64										
Union	440p	60	12.95										
Factory Race	443p	74	32.50	52.15			52.15			52.15		3.75	
Tanner Race	513p	35	5.81										
Int Total			55.90										
Waterworks assmd			6.00				No change			6.00	—	—	
Little Dry Creek	530p	46	4.50	6.75			6.75			6.75	2.25		
Fort Field	556p	65	3.01	5.74			5.74			5.74	2.73		
Riv Below H. Fk.	606p	est	1.25							~~0.0~~		1.25	
Lake Bottom Canal	628p	100	7.93	12.75		4.00	8.75			8.75	.82		
Sp Creek Users.	Jan		9.75	5.29			5.29			5.29		4.46	
Group "B"													
Timpanogos C.C.	226p	90	10.50	11.30	2.00		13.30			13.30	2.80		
Provo Res Canal	940a	157	65.16				64.70 "A"			64.70	~~.46~~	.46	
" " Lat #1	940a		.00										
Olmstead Flume N.	1118a	518	(187.64)				185.30			(185.30)		(2.34)	
Munns River Gage	1225p	38											
Munns Spring & R.	1235p	est	(2.00)										
Timpanogos Dam Lkg.	1017a	est	.30										
Total			263.30 "A" = Total River Provo Canyon.										
Reserve for Drops est.										2.79	2.79		
Total			295.14							295.14	22.36	22.36	

Copy to Judge Morse, Utah Power & Light Co. Provo City Provo Res Co.

Computations made by T. F. Wentz 100 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 2.

Tabulation of Flow and Distribution of Provo River for Aug 7, 1918.

NAME	Time	G. H.	Dise.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Res Co & Legs.			Stringer		26.88 cfs.								
" " " " "			Tunnel		6.15								
			Total		33.03 "B"								
Utah Power & Light Co			Oilmill Tunnel water				6.15						
" " " "			Fort Creek				2.87						
			Bridal Veil Falls.				3.59						
			Quick Quarter				.60						
			Total				13.21 "C"						

Not Sat. & Pro Rata.

"B" + "C" = 46.24 from 263.30 "H" = 217.06 "R" & Pro Rata,
Imp UP & L Co. 76.4 % of 217.06 = 165.84 "D" +
Provo Res Co 19.2 % " " " = 41.67 "E" +
Pimpanogas Co 4.4 % " " " = 9.55 "F"

165.84 "D" + "13.21 C" + 10.00 of Provo Res Co Water through Provo Bench Canal — (13.30 - 9.55 = 3.75 by Reputation & Pimpanogas Canal Co)
3.75 "K" = 185.30 "G" & Combined Flume
Provo Res Co. 41.67 "E" + 33.03 "B" less 10.00 (10.00 thru P.B. Canal)
= 64.70 "H" through Provo Res Canal
9.55 "F" + 3.75 "K" = 13.30 "I" Pimpanogas Co.

13.30 I + 64.70 "H" + 185.30 "G" = 263.30 "H"

Total River 295.14 "Z" less Total River Provo Canyon 263.30 "H" = 31.84 "Y" inflow below Mouth of Provo Canyon.

31.84 "Y" − 15.00 "X" = 16.84 inflow below Mouth of Canyon along main channel.

Note: To Prior Provo Bench, Pimpanogas, Lake Creek, Provo Bottom Cut, because of system not changed as being close & amounts, except Fort Field which is allowing water & pro Dam and no change will be made until this is stopped.

Copy of July & Aug Mag
Fort Field & Provo Bottom
Cut Roads.

Total

Computations made by W. F. Weeks 101 Observations made by W. F. Weeks

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Sheet 3

Tabulation of Flow and Distribution of Provo River for Aug 7. 1918.

NAME	Time	G. H.	Dise.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bottoms		(Details)											
C.	134¼		00										
City Creek gage	137¼	35											
D	138¼		00										
E.	139¼		00										
F.	140¼		00										
G.	144¼		00										
H.	145¼		00										
I	146¼	est	0.50	Leakage									
H x	146¼	est	0.10		"								
J.	149¼	110	9.74										
JL	304¼	est	.75		"								
K.	309¼		00										
M.	311¼		00										
N	312¼		00										
O.	316¼	80	5.40										
P	330¼		00										
Total			16.49										

City & Large Mills Power & Irr. Co. Pump Leak Pump Reads.

The matter of excessive diversions has been taken up with Fred Ferguson, Pres. of Company, and it appears these people will get down to proper amounts without any further trouble.

West side details.

Lake Bottoms	628¼	100	7.93										
Gange Sopinl.	648¼		00										
Over Spill	648¼	est	1.50										
Relief Spring	650¼	est	0.05										
Pedrey Lake	657¼	50	1.25										
Bunny Lake	7[illegible]¼	80	3.82										
Clyde Lake	880¼	70	3.78	'A'									
Below Clyde Lake													
Heeding	est		30	B									
Tanner Lake	827¼		00										
" W. "	829¼		00										
" Flume	831¼	80	.85										
			17.68										

Diverted from River A + B 4.18.
Arising on West side 19.18 − 4.18 = 15.00" X

Total

Computations made by J. F. Wentz 102 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 Aug 8. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
East Union	227p	60	12.95										
Factory Race	230p	226	33.76										
City Race	248p	46	5.70										
Tanner Race	300p	27	3.94										
			56.35										

T. C. Thompson in Company.

Notified David S Park & Roy Park to cut out Park & Nuttal Ditch and keep on schedule.
I call Sam Jones of Timpanogus Irrig Co. he states "I cut to 10 cfs at 9 am this morning. we desire to continue use of North Field water."

Aug 9. 1918
Park & Nuttal gate closed some leakage, Lowered West Union gate, Raised Provo Bench. on way to Heber.
USGS gage 1016a 38
River Midway Lower Dam 1114a 164
Heber Light & Power Co by E. P Cliff. Object to Timpanogus useing North Field Water. Timpanogus Irrig. Co. desire to continue to use this water for few days to irrigate some potatoes and sugar beets. Timpanogus may continue to use this water with the express understanding that the Heber Light and Power Co. shall lose no right to its use for Power.
Leave Heber for Lakes at 2 pm.
Midway River ditch ok at head. 250 pm Heber Plant having trouble, expect to get back in about 30 minutes.
I do not read gages on account of this disturbance.
Murdock Plant 327p 137

Total

Computations made by T. F. Wentz 10 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 10, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Trial Lake	430p	5.90											
Washington Lake	453p	19.70	closed Valve on Washington Lake.										
Closed Valve	Wall Lake.												
Wall Lake	623p	3.63	can lower about 1.5 feet.										

approximate available storage.

Wall Lake	86 acfeet.
Trial Lake	383 " "
Washington Lake	756 " "
	1225 " " (started from 1765 acfet storage)

Due

Wasatch	565
Lego.	450
Prov Res Co.	750
	1765

Check this over

Summary of storage

storage delivered.

Impounding	1276.
Prov Res Co.	2250
Lego.	248
Wasatch	635
	4409

Storage Released by P. & B.

Trial Lake	230
North Fork system	250
Hayflock	50
	530
Other Res system	3645
	4175

Storage before release.

Washington Lake	2380
" Diffusions	50
Trial Lake	1304
Wall Lake	1906
Trial Lake	230
N Fork system	250
Hayflock	50
	6170

Note: Unable to account for difference at this time.

Aug 10, 1918 storage available.

Trial Lake	383
Wall Lake	86
Washington Lake	756
Total	1225

at 6 pm cut storage to 250 cfs

Computations made by D. F. Wentz 104 Observations made by D. F. Wentz

vs.

Provo City et al } **2888 Civil**

Tabulation of Flow and Distribution of Provo River for Aug 12, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Res Co. Weir	612p	108	37.17										
Wasatch Canal	624p	70	38.34										
N. Field	626p	est	5.00										
Aug 13, 1918.													
Factory Race	442p	70	29.98										
E Union	444p	62	13.60										
City Race	501p	59	8.00										
Tanner Race	510p	42	7.66										
			59.24										
Raised Little Dry Creek by taking out part of Tanner Race Dam													
August 14, 1918.													
River Below Lower													
Midway Dam	1144a	161											
Island Ditch	1147a	est	3.50										
Spring Creek & Sagebrush	1156a	116											
North Field to take water back tomorrow morning.													
Wasatch	151p	72	39.96										
N. Field	153p	-	5.50										
Tampnogus	212p	94	10.48										
Reset North Field Weir. Gage reads 0.10 low, add 0.10 to G.H. in calculating.													
River Below Was. Dam	330p		8.36										
Provo Res Co Weir	417p	108	37.17										
			101.47										
Storage			24.00										
Tunnel			17.80										
		"A"	41.80	from 101.47 = 59.67 B. Natural River									
Distribution of storage & Tunnel Water.													
Midway Irrig Co.	Tunnel		5.50 "C"										
Provo Res & Sego	Storage		14.40 "D"										
up & L Co.	Tunnel.		6.15 "E"										
Provo Res Co.	Tunnel.		6.15 "F"										
Wasatch Storage			9.60 G.										
			41.80 "A"										
Natural River							Storage.	Pro Rate of "I"		Bally Mod	Total.		
Wasatch		50.3%	41.67	6.00 "H"			9.60	27.00		+3.00	45.60		
N. Field		43.3%	35.71					23.24		-3.00	20.24		
Midway & J & Ford		6.4%	5.00					3.43					
			82.38					53.67 "I"					
59.67 "B" less 62.0 "H" = 53.67 "I" to Pro rate.													
Total													

Computations made by T. F. Wentz 105 Observations made by T. F. Wentz

vs.

Provo City et al } **2888 Civil**

Tabulation of Flow and Distribution of Provo River for Aug 14. 1918. continued.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Total											~~[illegible]~~		
Wasatch							45.60			45.60			~~45.60~~
N. Field							20.24			20.24			~~20.24~~
Midway	3.43	45.50					8.93						
Provo Res Co & Lego.	6.15	Tunnel +14.40	Storage				20.55						
UP & Lleo.							6.15						
Total							101.47						
Wasatch Dam			Same							8.36			~~8.93~~
Provo Res Co Weir										27.27			~~20.55~~
										101.47			~~6.15~~

Midway 8.93; Provo Res & Lego 20.55, UP & Lleo, 6.15 = total of 35.63 less 8.36 by Wasatch Dam = 27.27 by Provo Res Co Weir.

Midway River Debt 66 14.44

I meet Kelly at headgate and give him following GHts.
When Johnson & Ford are below weir 5¾ inches, When above weir 5⅛" I cut River Debt to approx 8-9 cfs.
I meet Earnest Knight at Provo Res. Weir and he will make change to morrow morning as shown by foregoing, Impromptus to be cut out

Beaum Well 648 15.20
USGS gage 736 33

Total

Computations made by T. F. Wentz 106 Observations made by T. F. Wentz.

vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 15, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	909a	176	69.44	On account of rapid changes in canal it has been hard to keep in adjustment by gages.									
West Union	1022a	70	25.56										
Park & Nuttall	1024a	49	3.74										
Provo Res Canal	1037a	140	54.42										
" " Lot #1.	1037a	41	1.68										
			56.10										
Borlon & Young	1130a		2.50										
By Trip Dam	1136a	est	0.75										
Nums River Gage	1234p	34											
Omsted Flume N.	1256p	516	180.29										
Wall & T. L.	304p	66	15.56										
Timpanogus	310p	97	12.00										
Young Ditch	415p	70	1.87										
Bowen	417p	100	2.90										
Dixon Ditch	503p		00										
City Race	446p	68	9.70										
E Union	454p	48	9.16										
Factory Race	456p	75	33.20	(225 on Gage)									
Tanner Race	524p	37	6.34										
			58.40										
Little Dry Creek	534p	52	5.05										
" " Shoofly		est	30										
			5.35										
Waterworks			10.00										
River Ballooms "C"	243p		00										
City Creek gage	245p	30											
D	246p		00										
E.	247p		00										
F.	248p		00										
G.	252p		00										
H	253p		00										
I.	259p		0.50										
H 2.	330p		00										
L.	348p	est	60										
K.	355p		00										
M.	356p		00										
N.	357p		00										
O.	402p	89	5.90										
P	409p		00										
			13.64										
Total													

Raised Dry Creek.

Mr. Leslie of State Road Commission requests that Provo City Water be turned down River Bed, he states he has consent of City Commission, he is purposing to put in bridge over City Creek near Mouth of Canyon. — this request is denied.

Note: West side and Fort Field assumed same as 8-7-18 = 21.94

Grand Total 298.00

Computations made by T. F. Wentz 107 Observations made by T. F. Wentz

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 16, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Res Canal	330p	136	51.80										
" " Lat #1.			00										
Weber Gorge	440p	32											
Bench Park	521p	34											
Kamas Park River Gorge	525p	95											
Provo Bench upst.	606p	128											
West Union	612p	72	26.64										
Park & Nuttall	614p	34	2.10										

Called Lakes — Raised storage to 28 at 8 pm, 15 P Res. 3 to 10 West Lt
I request Olivers & up P Res. to raise gate at Provo spill one inch
approx 5 cfs to River for P. Res. Burst Veil Falls to flume & —
Morrow. I have spent some time over North Union
Canal and have recommended another cleaning of moss.

July 18, 1918

Provo Bench	1006a	174	65.00										

Provo Res. Co. from Provo Bench reduced to 7.00 cfs.
Put in 7 inch sill in division gates, cleaned flume.

Provo Bench	124p	182	65.00										

Provo Res Co from Provo Bench
12m 45 7 foot weir.
North Union cleaning moss yesterday.

Aug 19, 1918, C. L. Johnson & Little Dry Creek phone "Short on water".
I leave Little Dry Creek by taking out part of Farmers Race dam
at 7.40 am.

City Race	852a	50	6.40										
Union	859a	48	9.15										
Factory Race	902a	64	35.41										
			40.96										
Farmers Res assmd			6.34										
			47.30										
Beam Dist	932a		00										
Young "	932a	est	.25										
Upper E. Union	942a	88	12.70										
Rock Bottom M	1000a	est	4.50										

I find dirt in River Bottom in use by young Smeldum, not scheduled since 9.20 am, this is one cause of deficiency in city Creek. Cut off at 10.10a. S Lester state Road Commission, opened City Creek Dam turning water down river. J. S. Park closed Provo Bench at 10.50a, reported by him.
I turn Provo Bench in at 11.20a keeped by J. S. Park.
Mr Lester slides he turned water out of City Creek at 10.00a, at noon they begin turning water back to City Creek.

Provo Res Canal	1230p	144	36.50										

Total

Computations made by J. F. Wentz 108 Observations made by J. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil Proposed Distribution Based on G.H. 94.48

Tabulation of Flow and Distribution of Provo River for Aug 19. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bent Canal Co										68.35			
West Union										27.14			
Park & Nuttal										2.03			
Barlow & Young													
U.E.U. & T.T.R.										15.00			
Young R & B Dist										1.86			
E. Pw. Bot. W Co										5.29			
Provo City										52.15			
" " Water Works.										6.00			
Little Dry Creek										6.75			
Fort Tk.										5.74			
Lake Balloon										8.75			
Sp Creek Users										5.29			
										214.35			

Total River Provo Canyon 240. "A"

Provo Res Co & Sego. Storage 17.28 cfs.
" " Tunnel 6.15
"B" 23.43 not subject to Pro Rate

Up & L Co Water not subject to Pro rate 13.21 "C"
B + C = 36.64 from 240.00 = 203.36 "D" to Pro rate.

Up & L Co 76.4% of 203.36 = 155.36 "D"
P.R. Co 19.2% " " " = 39.05 "E"
Timpanogas 4.4% " " " = 8.95 "F"

155.36 D + 13.21 C = (13.30 − 8.95 = 4.35) 4.35 "K" = 164.22 "G"
~~through Omsted Flume~~
8.95 F + 4.35 K = 13.30 To Timpanogas Canal.
39.05 E + 23.43 B = 62.48 To Provo Res Canal Co.
Less 7.00 thru Provo Bent Canal = 55.48 through Provo Res Canal

and 164.22 G + 7.00 = 171.22 through Omsted Flume.
Total Class "A" 283.13
Available using G.H. of 8-18-18 286.00
subject to revision on ground.

made 8-18-18 at office in form

Total

Computations made by T. F. Wenz 109 Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 20, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
City Race	842a	41	5.00										
Factory Race	849a	53	19.84										
E. Union	856a	62	12.50	Gates in backing up in head Race.									
Aug 21, 1918													
Provo Bench	737a	186	63.69										
West Union	749a	67	23.76										
Raised West Union.													
Provo Res Canal	754a	146	52.00										
" " Lot #1.	754a		00										
City Race	815a	52	6.70										
Factory Race	825a	71	30.61										
E. Union	827a	46	8.54										
Tanner Race	845a	32	5.09										
			50.94										
Aug 22, 1918													
City Race	931a	53	6.90										
East Union	940a	50	9.76										
Factory Race	952a	63	26.14										
To Wasatch Co.													
Island Ditch	1210p	est	4.00										
River Midway L. Dam	1215p	160											
Midway Riv. Ditch	219p	46	8.40										
Wasatch Canal	236p	67	35.64										
North Field	238p	28	12.20										
Provo Res. Weir	250p	98	31.68										
By Wasatch Dam		est	8.93										
			88.45										

Distribution of Storage & Tunnel Water.

Midway Irrig Co Tunnel	5.50
Provo Res & Sego Storage	17.28
up & L. Tunnel	6.15
P. P. Co "	6.15
Wasatch Storage	9.60
	44.68

88.45 less storage & Tunnel of 44.68 = 43.77 Natural River.
Less 6.00 cfs allowed for losses in Wasatch = 37.77

Natural River Distribution.

Wasatch 50.3% of 37.77	= 19.00	6.00	25.00	Billy Moe + 3.00	37.60	Include 9.60 Stor
N. Field 43.3% of 37.77	= 16.35		16.35	− 3.00	13.35	
Midway & J & F. 6.4% of 37.77	= 2.42		2.42		7.92	" 5.50 Tun.
	37.77					

Total

Computations made by T. F. Wentz 110 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 22, 1918 (Con)

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Totals													
Wasatch Canal										37.60			
N. Field.										13.35			
Provo Res Weir										28.57			
Wasatch Dam										8.93			92
										88.45			

I cut Provo Res Weir at 310 ϕ.
Provo Res. Weir 320 ϕ 92 2862. With this change Wasatch & N Field will automatically adjust themselves.
Provo Res Co & Sego. 17.28 + 615 = 23.43 up & Lbs. 615, midway 7.92 = total of 37.50 less 893 by Wasatch Dam = 28.57 by Provo Res Co weir.
Sp. A. & Sagebrush 357 ϕ 104
upper Charleston 41 ϕ 33 941
Talked with Rasband he left Lakes on 18 inst. Washington Lake 16.70 Trial 12.00 (2) Wall still running. on 18th raised gage ht. of weir to .575.
Taylor Bond Time June 21 to Aug 18th. 60 days @ 3.00 £180.00
Thomas Rasband some except few days at Heber.
USGS gage 616 ϕ 27

Total

Computations made by T. F. Wentz 111 Observations made by T. F. Wentz

vs. } 2888 Civil

Provo City et al

Tabulation of Flow and Distribution of Provo River for August 23. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent ~~Added~~ Reduced	Amt. ~~Added~~ Reduced	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Canal	907a	184	5.84							6.03	7.19		
Prov Bench Company				6.14	6.21		6.35	15%	9.32	59.03			
Prov Res Co. thru Prov Bench Canal							7.00 "H"			7.00			
West Union	955a	66	23.34	27.14			27.14	15%	4.07	23.10		.24	
Park & Mutal	957a	33	2.07	2.03			2.03	"	.30	1.73		1.94	
Baxter & Spring	1008a		1.65										
Wb & P Ry	332p	60	13.40	12.56	2.44		15.00	"	1.88	13.12		.28	
Young	514p	58	1.44										
Beam	522p	85	2.14	1.86			1.86	"	.28	1.58		2.00	
Dixon	558p		.00										
Prov River Bottoms			9.22	5.29			5.29	"		5.00 "X"		1.22	
Provo City	from		48.03	52.15			52.15	"	7.82	44.33		3.70	
Mill & Dry Creek	647p	58	5.95	6.75			6.75	"	1.00	5.75		.20	
Timpanogos	317p	99	12.64	11.30	2.00		13.30	"	1.70	11.60		1.04	
							198.87						

"X" Temporary Pending hearing of Sept 13, 18.

Prov Res Canal	1019a	138	5.94										
" " Lot #1	1019a	37	1.44										
			54.38							53.76		0.62	
By Pump Dem.	1100a	est	1.25										
Nyms River Dep	1149	33.											
Olmstead Flume	1158	480	162.79							165.70	2.91		
Timpanogos Co	317p	99	12.64										
			231.06 "H"										

Prov Res Co & Dep. Sing & Dum Wks 23.43 "B"
Up & Leo Dum & Springs 13.21 "C"
B + C from 2-31.06 "H" = 194.42

Up & Leo. 76.4% of 194.42 = 148.54 &
P & Co 19.2% " " = 37.33 &
Tim & Co 4.4% " " = 8.55 &

148.54 & + 13.21 "C" + 7.00 "H" − (Timpanogos 11.60 − 8.55 = 3.05) 3.05 = 165.70
through Up & Leo Flume.
37.33 & + 23.43 "B" − 7.00 = 53.76 thru P. R. Canal

City of Judge Mine
Up & Leo.

Reserve										4.05	4.05		
Total			233.05							233.05	11.27	11.24	

Computations made by T. F. Wentz 117 Observations made by T. F. Wentz

vs.

Provo City et al

2888 Civil

Sheet 2

Tabulation of Flow and Distribution of Provo River for Aug 23, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Details:													
City Race		53	690	Mean Day Run by Registers.									
East Union		57	1187	"	"	"	"			"			
Fairby Race		62	2394	"	"	"	"			"			
Farmer Race		33	5132	"	"	"	"			"			
			48.03										
City Race	550p	77											
East Union	603p	87											
Fairby Race	609p	.08	205										
Farmer Race	635p	38											
Unsettled on account of "change"													
River Bottoms.													
C	234p	24	.50										
City Cutoff	234p	20											
Q	235p		00										
B	237p		00										
F.	238p		00										
D.	242p		00										
A.	243p		00										
I,	300p	.65	402										
H	2340p		00										
J,	344p	.50	152	Leakage									
L	357p	52	293										
K	450p		00										
M	454p		00										
N	456p		00										
O	458p	21	.25	"									
P	503p		00										
			9.22										

Copy of Judgment
" " Supt. Log.

...ions made by F. F. Wentz 113 Observations made by F. F. Wentz

vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Aug 24, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	902a	186.	Average Run 185 Ft.										
" "	922a	124	upper station.										
" "	935	Raised .05 at head.											

I call at Olmsted and authorize Oliver to take 3.00 ft more thru flume.

Provo Bench 1003a 1.28 upper station, When additional water thru flume arrives this canal will be near adjustment and also reduce PPCo & Timpanogus to proper amount.

Tanner East Ditch	1037a		.00
" West "	1039a		.00
" Flume "	1041a		.00
Clyde Ditch	1103a	70	3.78
Ky Clyde Ditch	1103a	est	0.30
Brown Ditch	1120a		1.87
Steve Jones	1136a		1.83
Lake Bottom Canal	1202p	156	10.08
Geo Taylor Ditch	1221p		.00
Over Spill	1221p	est	2.50
Ashted Taylor	1224p	est	.05
Partridge	1230p	44.	1.24
			18.85
River Bel Ft Fd.	102p	est	.75
Fort Field	107p	80	4.06

No change made on account of present Physical conditions.

Waterworks assmd ~~6.00~~ 10.50

Grand Total of River ~~262.71~~ 267.21

Copy to Judge Marsh
" " Up & LCo.

Total

Computations made by T. F. Wentz 114 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 25, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
at 130 pm Walter Peay calls and states "Our water fell last night from 90 to 80 on Union"													
Provo Bench	328p	188 mean 192	64.00	meter to establish new curve.									
West Union	444p	66	23.34										
Park & Muttal	446p	33	2.02										
Barton & Young	450p		1.65	same as 8-23-18 at Rd.									
Provo Res Canal	454p	135	51.50										
" " Lot #1.	454p		00										
[illegible]	548p	56	11.96										
US Union	630p	86	11.94										
River Bottoms C	518p		00										
City Creek gage	520p	0.10											
D	521p		00										
G.	532p		00										
H.	534p	est	6.00	cut to 2.50 cfs.									
I	542p	021	0.50										
H2	556p		00										
J	559p	98	7.00	cut to 4.00 this probable change from debt I.									
L.	610p	74		cut to Gs 460.									
K.	619p	~~0~~	00										
M	621p		00										
N	622p		00										
Aug 26, 1918.													
Provo Res Canal	946a	134	51.00										
" " Lot #1.	946a		0.0										
Raised Provo Res Canal by Tightening Dam.													
Barton & Young	1228p		1.65										
West Union	1234p	72	26.64	Raising.									
Park & Muttal	1236p	33	2.02										
Provo Bench	1250p	190	64.00	Raising.									
" " Mean Run	188												
I call Chipman of Impongus and request him to repair leaks in the Dam													
Provo Res Canal	242p	144	57.50										
With Hyt Smith of State Road Commission Force we clean out head of City Creek and repair dam, This work is cutting West Union and Provo Bench adjustments by gate to be done later when water settled. Impongus Law, at 500 pm I cut Provo Res. by taking out two more vertical plank, this will raise Impongus, this has been a day of repair and adjustment to new low water stage, afternoon cloudy, I cut Barton & Young to 00, - off schedule, by pulling in mud dam above road crossing and turning to West Union													
West Union	538p	63	21.66	When amt from Barton & Young arrives this									
Total	Canal ought to raise to 23.31 until river deans off												

Computations made by T. F. Wentz 115 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 26. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent ~~Added~~ Reduced	~~Amt. Added~~ Red.	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench Co.				62.14	6.21		68.35	20%	12.43	62.92			
Provo Res Co thru Provo Bench							7.00						
West Union				27.14	–	–	27.14	20%	5.43	21.71			
Park & Nuttall													
Barton & Young				2.03			2.03	20	.40	1.63			
U.E.M. & T.F.L.				12.56	2.44		15.00	20	2.51	12.49			
Young. ~~Dixon & Baum~~				1.86			1.86	20	.37	1.49			
Dixon													
Baum													
E. River Bot W. Co				8.00	(Temporary)					8.00			
Provo City				52.15			52.15	20	10.43	41.72			
Little Dry Creek				6.75			6.75	20	1.35	5.40			
Timpanogus				11.30	2.00		13.30	20	2.26	11.04			

Total River Provo Canyon ~~222.00~~ 222.00 "A" GHt 90-40
~~222~~ Provo Res Co St & Tunnel Water 23.43 "B"
Up & L Co not subject to Pro Rate 13.21 "C"
B + C from 222.00 = 185.36 to Pro rate

Up & L Co 76.4% of 185.36 = 141.62 "D"
P. R Co 19.2% " " " = 35.59 "E"
Timpanogus 4.4% " " = 8.15 "F"

141.62 "D" + 13.21 "C" + 7.00 (PR Co thru PB Canal) – (11.04 – 8.15 = 2.89 to Timpanogus by step) – 2.89 = 161.83 thru Olmstead Flume.
35.59 E + 23.43 B – 7.00 = 52.02 thru Provo Res Canal.

Sheet to be followed to day see details of to-days observations and adjustments.

T. F. Wentz

Total

Computations made by T. F. Wentz 116 Observations made by T. F. Wentz

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Field Sheet Sheet I.

Tabulation of Flow and Distribution of Provo River for Aug 27. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent ~~Added~~ Reduc.	Amt. ~~Added~~ Red.	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Gate	92	40.											
Provo Bench	845a	192											
" "	Mean	189	6500							56x92		2.09	1.85
Provo Bench Company.				6.14	6.21		6.35	20	1.43				
Provo Res Co thru Provo Bench Canal							7.00						
West Union	901a	62	21.12	27.14			27.14	20	5.43	21.71	.57		
Park & Mutual	903a	39	2.61	2.03			2.03	20	.40	1.63		.98	
Baker & Young.	919		.00										
Provo Res Canal	921a	141	55.00				53.19					1.81	1.38
" " Lot #1.	941a		.00										
By Impromptu Dam	941a	est	.30										

Impromptu barely gage at best at 955a cut Provo Reservoir Canal turning to Pump arrogue.

Pump arrogue	1043a	92	10.70	11.30	2.00		13.30	20	2.66	11.04	.34		.93
U&K Ditch.	1047a	58	12.61	12.56	.24		12.00	20	2.51	12.49		0.12	
Young ditch	1132a	est	.36										
Baldwin ditch	1134a	est	.50	1.86			1.86	20	.37	1.49	.63		
Dixon ditch	1135a		.00										

City Rose	1216a	49	Backing up in Kenilworth see mean.
E. Union	1220a	60	
Bailey Rose	1232a	23	
Farmer Rose	1237a	29	

Little Dry Ditch	10a	44	3.93										
City Rose	Mean	56	7.50										
E. Union		47	8.84										
Bailey Rose	Mean	67	24.94										
Farmer Rose		30	4.61										
			45.89	52.15	—	—	52.15	20	10.43	41.72		4.17	

City & Farmer Rose
1. Aug 28 20.

Total River Provo Canyon 228. "A." less 23.43 "B" - 13.21 "C" = 191.36

Up 76.4% 228 191.36 = 146.20 Q
PP&O 19.2% 191.36 = 36.76 E
Pump 4.4% 191.36 = 8.40 T.
191.36

146.20 Q + 13.21 C + 7.00 thru P.B. Canal - (11.04 - 8.40 = 2.64) - 2.64
= 163.77 (not observed to-day) thru Ashton Pump.
36.76 + 23.43 - 7.00 = 53.19 thru Provo Res. Canal.
8.40 + 2.64 = 11.04 to Pump.
East Cr. Dot W. Camp. 12.10 Cut to 9.00 Tomorrow

229.82 checks with 8-23-18.

Computations made by J. H. Wentz 117 Observations made by J. H. Wentz

vs.

Provo City et al

2888 Civil

Tuesday

Sheet 2

Tabulation of Flow and Distribution of Provo River for Aug 27, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
River Bottoms:													
C	1013a		00										
City Creek gage	1017a	.10											
R	1021a		00										
E	1022a	est	50										
F	1023a		00										
G.	1029a		00										
H1	1030a		00										
I	1036a	21	50	Leakage									
H2	1055a		00										
J	1057a	100	7.10										
J	1058a	Cut to					4.00						
L	1104a	est	25										
K	1110a		00										
M	1111a		00										
M.	1115a		3.50										
O	1117a	est	25	leakage									
P.	1124a		00										
			12.10										

copy to Judge Moore
" " up & L Co.

Total

Computations made by J. F. Wentz 118 Observations made by J. F. Wentz

vs.

Provo City et al } **2888 Civil**

Tabulation of Flow and Distribution of Provo River for Sept. 3, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	755a	206	70.3										
West Union	806a	62	21.2										
Provo Res Canal	812a	140	55.00										
" " Lot #1.	812a		0.0										

I find Tailrace gates blocked with burdocks, I remove post and raise gates to adjustment by Gages. at head of City Creek and Provo Bench Canal. Mr. Bonnet reports an employee at Almshead Plant thrawed burdocks in tailrace.
gages along City Creek and Provo City not read. this am until conditions become settled
at Court balance of Day
Sept 4, 1918 at Court.

Sept. 6, 1918.

River Bottoms C	106p	est	1.75
City Creek gage	110p	0.15	
D	111p		00
E.	112p		00
F.	113p		00
G.	115p		00
H.	116p		00
I.	138p	35	.75
H2	210p		00
J.	212p	98	7.00
L.	216p	est	50
K.	221p		00
M.	223p		00
N.	224p		0.0
O	226p	est	0.25
P.	231p		00
			10.25

Total

Computations made by T. F. Wentz 119 Observations made by T. F. Wentz

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 6, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Correction at Station Ded.	G. H.
Group "A"													
Provo Bench Canal	5429	2005	6.21										
Provo Bench Co				62.14	6.21		68.35			75.35	14.14		
Provo Res Co thru Provo Bench							(7.00)						
West Union	929a	74	27.84	27.14			27.14			27.14		.72	
Park & Nuttall	932a	49	3.74	1.82			1.82			1.82		2.22	
Baker & Young	937a	est	0.30										
U&G&R I.C.	2046	58	12.67	12.44			12.44			12.44		.23	
Baum Lilly	2346		0.0										
Young "	2346	est	.78	1.68			1.68			1.68	.93		
Dixon "	3036		0.0										
City Rice	2546	33	3.70										
G. Union	3846	51	10.07	52.33			52.33			52.33		1.05	
Bailey Rice	3246	70	29.29										
Tanner Rice	3346	52	10.68										
			54.38										
Little Dry Creek	3446	50	4.76	6.75			6.75			6.75	1.99		
East Rd. Port W. Co			10.25				4.92			4.92		5.33	
			175.90				175.43						
Waterworks			10.50				10.50			10.50			
Group "AA"													
Fort Crell & Wasatch			(19.00)	assumed			no change			19.00	—	—	
Group "B"													
Provo Res Canal	9429	148	55.77				54.39			54.39		1.38	
" " Lot #1	942a		0.0										
Ry Company Pump	1045a	est	(1.00)										
Nunns Park Gage	1114a	37											
Olmsted & Plume	1138a	492	165.26				166.61			166.61	1.35		
Company	1576	98	12.27	11.30	2.00		13.30			13.30	.97		
Total Stored			234.30 "A"										
Total Irrigation			68.04										

Provo Res Co Storage & Pump 23.43 "D"
UP & L Co. Pump & Spring 13.21 "E"
B + C from 234.30 "A" = 197.66 to Provo Res.
UP & L Co 76.4% of 197.66 = 151.00 "D"
R R Co 19.2% of " = 37.96 "E"
Company 4.4% " " = 8.70 "F"
151.00 D + 13.21 E + 7.00 (P.P. Co thru Provo Bench) = 171.21 less
(13.30 − 8.70) = 4.60 = 166.61 thru UP & L Co Plume
23.43 D + 37.96 − 7.00 = 54.39 thru R R Canal.

Total 273.44 — 277.62

Computations made by T. F. Wentz 120 Observations made by T. F. Wentz

Copy of Judgment & Decree

Note: Subject to make up deficit as shown at bottom by diversion from Group "AA" Provo River.

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 7, 1918.

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

River is higher to-day than yesterday. I issue Provo Bench at 8.50a. I find part of city Creek down out. Mr. Leslie confesses to doing this again. I have him put down back in. Adjustment cannot be made until water is settled.

On Way to Heber.

Pioneer Irrig Co.	1330a	at	10.00	Cut to 5.00.
Lower Charleston	1104a	146	13.17	Cut to approx 5.00
J. S. Berry Wtf	1128a	17.2		
Upper Charleston	1150a	51	18.48	Cut to approx 10.00
Bd Midway Lower	1205p	154		
Island Ditch	1210p	out	7.00	
Ofc. & Sagebrush	1218p	124		

Observe that storage is exhausted.

Midway Pwr.	1340p	44	7.86
Wasatch	1450p	63	32.49
M. Field	1470p	18	6.71
Rim below Wasatch	2080p		4.57
Prov Res Wein	2420p	92	28.62
			72.39

Prov Res Co Pump Water			6.15
Up & Lee	"	"	6.15
Midway	"	"	5.50
			17.80

Wasatch Irrig Co.	41.67	50.3% of 54.59	= 27.46 + 3.00 Bally Mac	= 30.46
M. Field	35.71	43.3 " "	= 23.64 - 3.00 " "	= 20.64
Midway & J V & F	5.10	6.4% " "	= 3.49	3.49
				54.59

72.39 - 17.80 = 54.59 return flow to Pro. Riv.

and Midway 3.49 + 5.50 = 8.99

8.99 + PR Co Pump 6.15 and up & Lee Pump 6.15 = 21.29 less 4.57 by Wasatch Rim = 16.72 to go thru Prov Res Wein = Eff. .655 & Cut PR. Wein

Prov Res Wein	315p	66	17.01
Wasatch	331p	57	27.63
M. Field	333p	46	21.90

Partially volume of 1.57 will show when settled. Returning home find Reiste with two sluices out of Deer Creek, notify young Reiste to cut out at once to-night or arrest will follow.

U S G Gage 60p 33.

Call up Olmstead and request Oliver to cut off two-thirds of amount over Murray Spill, this is I expect to increase up & Lee & decrease Prov Res Co by storage supply exhausted to-day.

Total

Computations made by T. F. Wentz 121 Observations made by T. F. Wentz

vs.

Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 9. 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Proposed Distribution for this date based on discharge & G.H. 78-46 or above.													
Total River 280. cfs.													
Gramp #1.													
Provo Bench										68.35			
West Union										27.14			
Park & Nuttall ref Bailon & Young										1.82			
Upper East Union & Tabernacle Field										12.44			
Bowm. Young & Dixon & City Creek Litter										1.68			
Z. River Bottom Waterco.										4.92			
Provo City Irrig & Power										52.33			
Little City Creek										6.75			
Sub Total										175.43.			
Gramp "HH"													
Fort Field										4.60			
Lake Bottom Canal et al.										6.19			
Spring Creek Users										4.76			
Sub Total										15.55			
Waterworks Provo City										10.50			
Gramp "B"													
Timpanogos Canal Co					13.30	414%							
U.P.&L. Co.					229.	76.4%							
Provo Res. Co.					57.50	19.2%							
U.P.&L. Co & Receiving. Outlet Tunnel Water of										6.15			
Lost Creek.										2.87			
Grand Junction										.60			
Bridal Veil Falls.										3.59			
										13.21 "C"			
Provo Res Co to receive 6.15 "B" Outlet Tunnel Water.													
Total River Provo Canyon 240.00 # less B + C (19.36) = 220.64 # per sec.													
U.P.&L. Co. 76.4% of 220.64 = 168.59 "D"													
P.R. Co 19.2% " " = 42.35 "E"													
Timpanogos 4.4% " " = 9.70 "F"													
U.P.&L. Co. 168.59 "D" + 13.21 "C" - (13.30 - 9.70 = 3.60 Timpanogos)													
3.60 = 178.20 thru Omelia Flume.													
Timpanogos. 9.70 F + 3.60 = 13.30													
Provo Res Co. Canal 42.35 E + 6.15 "B" = "48.50".													1.37
Subject Irrigation Rights & Waterworks										263.28			
John & Dixon Appleton 2/34 Class "C" thru P.B. Canal										10.00			
Reserve										6.72			
Total										280.00			

Observe "strange Exhaustion" 9-8-18.

Cff! & Judge Moser Inf & Lbo.

Computations made by J. F. Wentz. 12 Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for Sept. 9, 1918

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	858a	243	75.98										
" "	956a	216	79.00										
West Union	1019a	68	24.36										
Provo Res Canal	1034a	146	54.40										

I adjust gates at mouth of canyon to divide extra water then up the trunk. I call on Olsen at Olmstead to report that change at nuns spillway was made this morning at 7 am. This is noticeable on regular record of Provo Bench canal. You will observe drop has not reached Provo Res. Canal. I defer further adjustment until conditions are settled. Go to office. I talked with H. L. Olsen over phone regarding distribution. I learn from Spring Creek at Lake Bottom headgate & Provo River approx 4 cfs

Provo Res Canal	65¾	139	49.50										
" " Lat #1.	65¾		.00										

Sept. 10, 1918.
I advise McEwan by phone Provo Reservoir canal should run at 137. and Provo Res. Co. are entitled to 10 cfs thru Provo Bench canal, latter should be run at 17.50 at least.

Sept. 12, 1918.

City Race	944a	64	8.90										
Factory Race	957a	70	29.98										
East Union	957a	56	11.56										
City Race	1009a	36	6.08										
			56.52										
Provo Res Canal	129¾	130	44.00										
" " Lat #1.	129¾		.00										
Wasatch Canal	534¾	51	23.33										
M. Creek	534¾	47	19.57										
P.R. Res Weir	545¾	62	15.39										

Rise same as last week by gage, I make no change. Looks like storm.

Midway Irr. D.	611¾	40	6.81										

Total

Computations made by J. G. Wentz 1-3 Observations made by J. G. Wentz

Snake Creek Watershed Sept 13-14,1918.

Discharge measurements.

Sept.13,1918.	Time	G.H.	Disch.
Mountain Lake Tunnel	12;40p	170	6.23

Snake Creek above Mountain Lake Tunnel, 1;07 p.m. estimated 0.02 cfs.

First Hollow Below Mt. Lake Tunnel	1;16p	Dry.
"Three Culverts"	1;19p	Dry.
Second Hollow Below Mt. Lake Tun.	1;21p	Dry.
Third " " " " "	1;23p	small seep,size of lead pencil run-to 20 feet below road.
Fourth " " " " "	1;31p	Dry.
Fifth " " " " "	1;38p	Dry.
Sixth " " " " "	1;55p	Dry "Carabou Creek".
Seventh " " " " "	2;07p	Dry.
Old crossing Snake Creek . .	2;15p	Dry.
Crossing Snake Creek	2;16 p.	ate lunch at crossing.
Snake Creek Tunnel	2;47p	1.29 GH. 13.85 cfs.
Left Hand Fork	3;40p	Dry.
Lavina Creek	4;27p	33 GH. 2.48,approx. 0.10 through by-pass total disch 2.58.
Twist Spring	4.34p	0.10 cfs.
High Dugway Spring (Water Tub)	4;42p	0.05cfs. Being used by Cap. Springer.
Springer Spring	5;00p	54 Gh. 1.66 cfs.
Probst Ditch	5:28p	24 Gh. 1.20 cfs.
Lower Huber Ditch	5;33p	Dry.
Upper Huber Ditch	5;36p	Dry.
Mound Ditch	5;52p	5;17 cfs.
West Bench Ditch	6;08p	5;82 cfs.

Gerber Springs overflow from waterworks to West Bench Ditch 6;25p, 3;05 cfs.

At 6;45p. I set three gage hubs in Snake Creek below Ford and above weir each hub is set at 0.0.

Snake Creek Watershed Sept. 13-14,1918.

Sept. 14,1918.

Snake Creek by Ford, the three gage hubs read the same at last evening.

Snake Creek by Ford 10;04a . . . . . 17.82 cfs.

Scotch Ditch . . . 10;40am. . . . 3.22 cfs.

Wilson Ditch . . . . . 10;58a . . . . .2.01 cfs.

Pine Creek Ditch . . . 11;20a . . . . Dry.

Pine Creek . . . . . Dry.

Mahogany Springs 11;50a . . . . 6.69 cfs.

S U M M A R Y .

Name	Contributions.	Diversions.
Snake Creek Above Mt.Lake	.02	
Mt. Lake Tunnel	6.23	
Snake Creek Tunnel	13.85	
Lavina Creek	2.58	
Twist Spring	0.10	
Springer Springs	1.66	
Probst Ditch		1.20
Mound Ditch		5.17
West Bench		5.82
Gerber Springs	3.05	
Snake Creek By Ford.		17.82
Scotch Ditch		3.22
Wilson Ditch		2.01
Mahogany Springs	6.69	
Totals.	34.18	35.24

Return to Provo in Pine

~~Wilson~~ gage 257p. 29.

Provo Res Canal 332p 1,29. 43,00 cfs.

" " Lot #1. 50

125

Provo Reservoir Co.
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Tabulation of Flow and Distribution of Provo River for Sept. 1918.

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

Sept. 9. 1918. Walter Rey Reports gages of City diversion as follows.
Tanner Race 205p 30 461
City Race 223p 44 5.40
Factory Race 242p 238 42.50
Union 247p 50 976

at office.
West Union allowing about half of water over spill at Corbis

Sept. 19. 1918. at office Thos Cluff phones "We expect to turn out for 2 or 3 days to fix canal.

Sept 20. 1918. at office. Provo Bench cleaned of moss. Chipman of Tuponogus calls and reports short on water & raise Tuponogus at 830 pm.

Sept. 21. 1918. McEwan reports canal broke at 230 pm Sept. 15, went back in at 215 pm Sept. 17.

Sept 22, 1918. Tall storms set in, at office all day.
Sept 23, 1918 I call Oliver at Omsted asking him to have emergency gates closed which he agrees to have done.
at office.
Sept 24. 1918 at office. at 1.20 pm Jones of rep & Lec. ~~[illegible]~~ calls. "Provo Res Canal has broken". I phone 1 bersalt to close down & notify Provo Res Co of break.
Joseph Frampton reports he cut Provo Bench.
Upper Edmo 530p 64 Register has been slipped.
Provo Bench 555p 192 766

Total

Computations made by T. F. Wentz 126 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 Sept 27, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	854a	191	59.82										
West Union	935a	76	24.98										
Park & Nuttall.	937a	52	4.08										
Provo Res Canal	Dry on account of break in canal near Tunnel.												
Boston & Young	944a	est	0.50										
Timpanogas	1020a	58	6.50										
Well & Ft.	1023a	35	5.81										
Baum Delit	1058a		0.0										
Young "	1058a		0.0										
Dixon "	1132a		0.0										
City Race	1127a	52	6.70										
Union	1137a	71	16.75										
Factory Race	1140a	91	44.68										
Tanner Race	12m	40	7.14										
Little Dry Creek	1215p	28	2.00										
Fort Field	1233p	104	5.75										
Rives below Ft Fd.	115p	205	91.22										
Waterworks Assmd			10.50										
River Bottom C	956a		1.25										
City Creek gage	958a	105											
D	959a	est	1.00										
E	1000a		0.0										
F.	1001a	est	0.25										
G.	1004a		0.0										
H.	1005a	est	.20										
I.	1012a	41	.86										
J	1030a	72	4.82										
L	1033a	est	.75										
H2	1035a		1.30										
K	1040a		0.0										
M.	1042a		0.0										
N.	1043a		0.0										
O.	1046a	est	.25										
P	1049a		0.0										
			10.68										
West side													
Lake Bottom Canal	206p		0.0										
Parbridge Delit	215p		0.0										
Steve Jones	218p		0.0										
Brown Delit	222p		0.0										
Clyde	230p		0.0										
Tanner West R.	246p		0.0										
Tanner Flume	248p		0.0										
Total E Delit	251p		0.0										

Grand total 297.11
Probably more on account of water being scattered over river bed.

Computations made by T. F. Wentz 127 Observations made by T. F. Wentz

Provo Reservoir Co.
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Provo City et al

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Tabulation of Flow and Distribution of Provo River for Sept 27, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Provo Bench	854a	191	59.82										
West Union	935a	76	24.98										
Park & Nuttall	937a	52	4.08										
Provo Res Canal	Dry on account of break in canal near Tunnel.												
Boston & Young	944a	est	0.50										
Timpanogos	1020a	58	6.50										
[illegible]	1023a	35	5.81										
Baum Delit	1058a		0.0										
Young "	1058a		0.0										
Dixon "	1132a		0.0										
City Race	1127a	52	6.70										
Union	1137a	71	16.75										
Factory Race	1140a	91	44.68										
Tanner Race	12m	40	7.14										
Lull Dry Creek	1215p	28	2.00										
Fort Field	1233p	104	5.75										
River below T. Fd.	115p	205	91.22										
Waterworks Assmt			10.50										
River Bottom C	956a		1.25										
City Creek gage	958a	105											
D	959a	est	1.00										
E	1000a		0.0										
F.	1001a	est	0.25										
G.	1004a		0.0										
H.	1005a	est	.20										
I.	1012a	41	.86										
J	1030a	72	4.82										
L	1033a	est	.75										
H	1035a		1.30										
K	1040a		0.0										
M.	1042a		0.0										
N.	1043a		0.0										
O.	1046a	est	.25										
P	1049a		0.0										
			10.68										
West side													
Lake Bottom Canal	206p		0.0										
Parbridge Delit	215p		0.0										
Steve Jones	218p		0.0										
Brown Delit	222p		0.0										
Clyde	230p		0.0										
Tanner West R.	246p		0.0										
Tanner Flume	248p		0.0										
Total E Delit	251p		0.0										

Second Level 297.11
Probably more on account of water being scattered over river bed.

Computations made by T. F. Wentz 127 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 Oct 9, 1918.

NAME	Time	G. H.	Disc.	Dec'd Net	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,	930a	197	66.00	I take out sill at division gates - I clean out flume.									
Provo Bent	1020a	182	66.00	I discontinue measurement. I marked with chisel & Keel height of water on ends of retaining walls.									
At 2 50pm Stoner phones regarding amount of water to U P & L Co.. I advise him they can take as much as they can use, and I will so instruct oliver. I call oliver and advise him they may take what water they can use he replies "We have all we want can probably get 1/2 inch more in old Flume at head".													

Note: upon the order of the Court for Special Report on River, the office work was begun early in September.

Total

Computations made by J. F. Wentz 128 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 April 29, May 1, 4, 15 June 11, 13 and 14 and 17

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
April 29, 18	~~9-11a~~	~~1.16~~	~~64.54~~										
North Field	9-11a	1.16	64.54										
Wasatch	9-12a	.74	60.12										
Timpanogus	9-16a	Dry											
May 1													
South Kamas	6-00	.30											
Washington	6-26	1.22	18.30										
May 4													
Shingle Creek			10.00								30.00		
Beaver Creek			45.00									30.00	
~~South Kamas~~	~~5.19~~	~~1.16~~											
South Kamas	5.19	.85	24.20										
Washington		1.24	25.00										
May 15													
Beaver Creek	3-42	~~[illegible]~~	9.68										
Shingle Creek	4-42		57.57										
South Kamas	6-13	1.59	40.00										
Washington	6-21	1.68	35.40										
June 11													
South Kamas	4-32	1.08	38.59										
Washington	4-51	1.60	32.50										
Sunrise	6-42	1.23	9.29										
June 13													
North Field	5-19	1.42	89.18										
Wasatch	5-22	1.30	103.86										
Timpanogus	5-46	2.40	60.24										
June 14													
Timpanogus	10-43	2.40	60.24										
Wasatch	11-10	1.30	103.86										
North Field	11-11	1.82	89.18										
June 17													
Beaver Creek	1.32		2.00	turned to about 20.00									
Shingle Creek	1.48		31.19	turned to 13.									
Total													

Computations made by Ernest Knight 129 **Observations made by**

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for June 24, 25, 26, 28, 29, & 30

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Tolson & Cutler 9	11-17a	.83	6.30										
Wm & Myles Moon 8	11-21a	Dry											
Fitzgerald & Kohlman 7	11-24a	Dry											
Stewarts No 1	3-31p	Dry											
" No 2	3-42		4.48										
Stewarts No 3	4-4	1.21	9.52										
Sunrise 2	5-33	1.23	9.82										
Washington 5	6-52	1.60	32.52										
South Kamas 4	7-2	1.05	35.09										
Phillips 6	7-14		2.20										
		June 25											
Wasatch 32	6-19	1.12	82.08										
North Field 33	6-20	1.08	57.82										
Tanpanogue 28	6-29	2.36	60.00										
		June 28											
Tanpanogue 28	10-40	2.32	58.40										
Wasatch 32	10-49	.94	61.29										
North Field 33	10-50	.94	46.06										
Moran Bros 26	11-46	.72	5.14										
Murdock Plant	12.19	1.49											
John E Berg 22	1.38	.20	.50										
	June 29												
South Kamas 4	12-22	.90	26.68										
Washington 5	1-PM	1.46	25.20										
Sunrise 2	4-32	1.19	9.25										
James Dixon 3	4-46		1.20										
Fitzgerald & Hoffman 7	6-54		.94										
Tolson & Cutler 9	7-24	.36	2.10										
Wm & Myles Moon 8	7-36		1.10										
	June 30												
South Kamas 4	4-29	.95	30.00										
Washington 5	4-42	1.54	26.90										
Sunrise 2	7-24	1.13	8.20										
Total													

Computations made by Count Knight 130 Observations made by

vs.

Provo City et al

2888 Civil

1918

Tabulation of Flow and Distribution of Provo River for July 1, 2, 3 and 4

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 1													
Washington 5	12-30	1.64	34.00	26.00	5					26.00		8.00	1.53
South Kamas 4	12-52	.91	27.80										
Stewarts No 1	2-49		2.30										
Stewarts No 3	3-18	1.43	8.57									~~3.11~~	
James Duncan 3	4-28	.55	3.11							.00		3.11	
Sunrise 2	4-48	1.13	8.20	4.00	1					5.00		3.20	
Larson & Cutler 9	6-33	.44	3.50										
July 2													
W. Lemon 15	9-11		Dry										
Ola Larson 13	10-19		5.50										
Jack Bates 17	10-40		Dry										
John E. Berg 22	11-45		1.09										
Park Wasatch Cent	1-25		5.00										
Provo Res.	1-57	1.70	31.67							38.68	7.00	~~[illegible]~~	
Wasatch 32	2-25	.92	59.22										
North Field 33	2-26	.72	30.20										
Timpanogue 28	2-42	1.82	38.30							34.50		3.80	
Upper Midway	4-41	.55	10.71										
Island	5-41		9.00							7.00		2.00	
July 3													
Island	9-2		9.00										
Upper Midway	9-50	.55	10.71										
Billy Mc	~~[illegible]~~	.54	5.53										
Timpanogue 28	10-46	1.70	34.00										
Wasatch 32	10-55	.90	57.24							49.14		8.20	
~~North Field 33~~	~~10-56~~	~~.70~~	~~28.98~~							~~[illegible]~~		~~[illegible]~~	
North Field 33	10-56	.70	28.98							26.46		2.52	
Utah P & L.	12-30	1.59											
South Kamas 4	6-46	.91	27.00										
Washington 5	6-57	1.46	24.50										
James Duncan 3	8-22		Dry										
Sunrise 2	8-40	<	4.80										
July 4													
Provo Res	1-17		48.00										
Timpanogue 38	1-25	1.90	34.00										
Wasatch 32	1-31	.80	47.25										
North Field 33	1-32	.66	26.46										
Midway	3-44	.55	10.71										
Total													

Computations made by Ernest Knight **/3/** **Observations made by**

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

1918

Tabulation of Flow and Distribution of Provo River for July 5, 6, 7 & 8

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 5													
Island	8-54		7.00										
Upper Midway	9-46	.50	10.00										
Timpanogue 24	10-16	1.60	30.80										
Wasatch 32	10-26	.80	47.25										
North Field 33	10-27	.66	26.46										
Provo Res.	10-49		48.00										
Hatch & Baum	10-57		2.00										
Geo. Jordan 30	11-13		6.00										
Jos Morris 26	11-22		Dry										
Mary Davis 97	11-36		Dry										
North & Battey 25	12-21		1.00										
July 6													
South Kamas 4	12-22	.95	28.16										
Washington 5	12-44	1.42	24.00										
Phillips 6	1-2		2.25										
Sunrise 2	5-42	1.01	6.85										
Stewarts 1	6-10		Dry										
July 7													
Provo Res	5-30		40.00							45.00	5.00		
Wasatch 32	5-38	.72	39.96										
North Field 33	5-39	.60	22.82										
Timpanogue 24	5-50	1.84	39.50										
Upper Midway	6-21	.42	7.33										
Island	6-58		7.00										
July 8													
Island	8-40		7.00										
Upper Midway	9-36	.42	7.33										
Timpanogue 24	9-50	1.62	31.20										
Wasatch 32	10-10	.72	39.96										
North Field 33	10-11	.64	25.41										
Provo Res	10-22		45.00										
~~E & N Hatch~~	~~10-32~~		~~Dry~~										
E & N Hatch	10-57		1.50										
Total													

Computations made by Ernest Knight 13 Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

1918

Tabulation of Flow and Distribution of Provo River for July 10, 12, 13, 16

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 10													
Larson & Butler 7	2-37	.91	9.72							5.58		4.14	70
Washington 5	3-42	1.42	24.00							20.00		4.00	
South Kamas 4	4-38	.96	28.65										
Sunrise 2	6-33	.99	6.00										
Turnbout & Gines	8-6		2.00										
July 12													
James Knight 1	1-2		2.00										
" " 2	1-31		2.50										
" " 3	1-42		Dry										
Ola W. Larson 1	1-56		Dry										
" " 2	1-59		Dry										
" " " 3	2-42		Dry										
" " " 4	2-58		Dry										
Ethel Webb 12	3-8		Dry										
Wm Leman 15	3-54		Dry										
Rosmus Larson 14	4-6		Dry										
Jack Bates 19	4-20		Dry										
Jos. Rampton 20	4-41		Dry										
John E Berg 22	4-56		.75										
Mary Davis 97	5-14		Dry										
Joseph Morris 26	5-19		Dry										
Geo Jordan 30	5-33		4.25										
Provo Res.	6-26	1.22	43.83										
Wasatch 32	6-39	1.00	68.04										
North Field 33	6-40	.84	38.64										
Timpanogus 28	7-1	1.82	38.30										
July 13													
Wasatch 32	9-32	1.04	72.72										
North Field 33	9-34	.88	41.51										
Timpanogus 28	9.45	1.84	39.50										
Provo Res.	10-5	1.22	43.83										
July 16													
Provo Res.	5-21	1.08	47.67	37.17	thru wire 10.50 port dam								
Timpanogus 28	5-46	1.86	40.20										
Wasatch 32	6-16	.89	56.16										
North Field 33	6-17	.66	26.46										
Total													

Computations made by Ernest Knight 133 Observations made by

vs.

Provo City et al

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1918

Tabulation of Flow and Distribution of Provo River for July 17, 20, 21, 22, 23 & 24

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 17													
Island	9-15		7.00										
Midway	10-6	.57	9.81										
Wasatch 32	10-28	.91	58.23										
North Field 33	10-29	.72	30.24										
Timpanogas 28	10-41	.86	40.20										
Provo Rec	10-53	1.11	49.38										
July 20													
South Kamas 4	2-16	.88	26.00									~~18.00~~	
Washington 5	2-46	1.30	21.00							5.00		16.00	.50
Sunrise 2	6-48	Dry	water out to repair canal										
July 21													
Provo Rec	6-58	1.11	49.38										
Wasatch 32	7-16	.86	53.28										
North Field 33	7-17	.56	20.09										
Timpanogas 28	7-26	1.68	33.80										
July 22													
Timpanogas 28	9-14	1.68	33.80										
Wasatch 32	9-26	.84	55.26										
North Field 33	9-27	.56	20.09										
Provo Rec	9-43	1.11	49.38										
E.W. Heath	10-21	Dry											
Geo Jordan 30	10-45	Dry											
Dear Tunnel	11-22		21.90										
July 23			~~23.80~~										
South Kamas 4	8-56	.87	23.80										
Washington 5	8-53	.55	5.00										
July 24													
Provo Rec	10-34	1.11	49.38										
Wasatch 32	10-49	.80	47.25										
North Field 33	11-0	.56	20.09										
Timpanogas 28	11-8	1.72	35.00										
Total													

Computations made by Ernest H. [illegible] 134 **Observations made by** .....

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

1916

Tabulation of Flow and Distribution of Provo River for July 27, 30

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
July 27													
South Fork 29	6-22	.76	20.00										
Washington 5	6-47	.55	5.00										
Sunshine 2	7-34	.72	4.25										
July 30													
Warnock 32	6-6	.76	43.00										
North Fork 30	6-7	.18	9.00										
Timpanogos 28	6-16	.54	28.50										
Provo Res.	6-26	.99	42.72										
Total													

Computations made by Ernest Knight 135 Observations made by

vs.
Provo City et al

2888 Civil 1918

Tabulation of Flow and Distribution of Provo River for Aug 1, 3, 6, 11, & 13

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Aug 1													
Washington 5	9-26	1.15	17.10							12.0		5.10	
South Kamas 4	7.31	[illegible]	22.98		4.00								
Aug 3													
South Kamas 4	2-11	.85	22.10										
Washington 5	2-46	.98	13.25										
Sunrise 2	5-41	.68	4.10										
Fitzgerald & Hardman 7	6-40		2.00	R. R. Fitzgerald scedual									
Lorson & Cutler 9	6-49	.54	4.20										
Aug 6													
South Kamas 4	10-22	.83	21.50	16.00	2.00					18.00		3.50	
Washington 5	10-54	.73	8.00	Reservoir water					8.00	16.00	8.00		1.10
Phillips 6	11-48		2.25										
Stewarts 1 } 1	2-1	Dry											
Stewarts 2 } 1	2-17	1.43	8.57							0.00		8.57	
James Duncan 3	4-44	Dry											
Sunrise 2	4-58	.86	4.00										
Fitzgerald & Hardman 7	6-52	Dry											
Lorson & Cutler 9	7-3	.54	4.20										
Nephi & Wm Moon 8	7-7	Dry											
Aug 11													
Washington 5	4-29	.74	8.20										
South Kamas 4	4.37	.91 upper station	15.20										
Sunrise 2	5.11	.48	2.50										
Aug 13													
South Kamas 4	9-42	.64	17.24	10.00	2.00					12.00		5.24	76 [illegible]
Washington 5	10-12	1.04	14.30							16.20	1.90		
Sunrise 2	11-26	.68	2.76										
Fitzgerald & Hardman 7	12-36	Dry											
Lorson & Cutler 9	12-42	.44	2.60										
Nephi & Wm Moon 8	12-46	Dry											
Phillips 6 } Phillips	6-12	.24	1.85										
E. B. Lefler	6-13	Dry											
John Lefler	6-20	Dry											
Archie White	6-31	Dry											
A. S. Carlile	6-42	Dry											
Total													

Computations made by Ernest Knight 136 Observations made by

vs.

Provo City et al } 2888 Civil 1918

Tabulation of Flow and Distribution of Provo River for Aug 1, 3, 6, 11, & 13

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Aug 1													
Washington 5	9-26	1.15	17.10							12.0		5.10	
South Kamas 4	7.31	[illegible]	22.98		4.00								
Aug 3													
South Kamas 4	2-11	.85	22.10										
Washington 5	2-46	.98	13.25										
Sunrise 2	3-41	.68	4.10										
Fitzgerald & Hardman 7	6-40		2.00	R.R. Fitzgerald reduced									
Lorson & Cutler 9	6-49	.54	4.20										
Aug 6													
South Kamas 4	10-22	.83	21.50	16.00	2.00					18.00		3.50	
Washington 5	10-54	.73	8.00	Reservoir water					8.00	16.00	8.00		1.10
Phillips 6	11-48		2.25										
Stewarts 1 } 1	2-1	Dry											
Stewarts 2 } 1	2-17	1.43	8.57							0.00		8.57	
James Duncan 3	4-44	Dry											
Sunrise 2	4-58	.86	4.00										
Fitzgerald & Hardman 7	6-52	Dry											
Lorson & Cutler 9	7-3	.54	4.20										
Nephi & Wm Moon 8	7-7	Dry											
Aug 11													
Washington 5	4-29	.74	8.20										
South Kamas 4	4.37	.91 [illegible]	15.20										
Sunrise 2	5.11	.48	2.50										
Aug 13													
South Kamas 4	9-42	.64	17.24	10.00	2.00					12.00		5.24	.76 [illegible]
Washington 5	10-12	1.04	14.30							16.20	1.90		
Sunrise 2	11-26	.68	2.76										
Fitzgerald & Hardman 7	12-36	Dry											
Lorson & Cutler 9	12-42	.44	2.60										
Nephi & Wm Moon 8	12-46	Dry											
Phillips 6 } Phillips	6-12	.24	1.85										
E.B. Sefler	6-13	Dry											
John Sefler	6-20	Dry											
Archie White	6-31	Dry											
A.S. Carlile	6-42	Dry											
Total													

Computations made by Ernest Knight 136 Observations made by

vs.

Provo City et al

2888 Civil 1918

Tabulation of Flow and Distribution of Provo River for Aug 14, 15, 17, 18, & 19,

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Wm Lemon 15	12		2.00										
Olaf Larson 13	11-14		Dry										
Rosmus Larson 14	12-36		Dry										
Jack Bates 19	1-16		Dry										
John E Berg 22	3-2		Dry										
Mary Davis 27	3-28		2.00										
G Jordan 30	3-52		Dry										
Post Wasatch Dam			8.36										
Wasatch 32		.78	45.17										
North Field 33		.43	20.24	gage reads 2.00 low									
Provo Res floor		.98	27.27										
Aug 15													
Wasatch 32	9-24	.95	58.95							45.17		12.78	.78
North Field 33	9-26	.08								20.19			.43
Timpanogue 28	9.36		9.40							0.00		9.40	
Provo Res	10-30	.98	27.27 + 4.41 Post dam							31.68			
Aug 17													
Washington 5	8-30	1.02	14.0										
South Kamas 4	9-30	.78	13.00										
Aug 19													
North Field 33	7-36	.34	15.75 - 15.05							12.03	3.12	Bell Mc 3.00	
Wasatch 32	7-37	.64	34.28	18.06	6.00			Bell Mc 3.00	Res 10.00	37.06	2.78		
Provo Res		.98	31.68										
Aug 18													
Post Wasatch dam	5-37		8.36										
Provo Res	6-57	.98	31.68										
Wasatch 33	6-5	.72	39.96										
North Field 32	6-6	.36	16.27										
Total													

Computations made by Ernest Knight 137 Observations made by

vs.

Provo City et al

2888 Civil

1918

Tabulation of Flow and Distribution of Provo River for Aug 29 Sept 1, 4, 5, 6, & 7

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Aug 29													
Worstel 33	9.37	.58	28.36										
North Field 32	9.38	.26	11.25										
Provo Riv	9.53	.92	28.62										
Sept 1													
Washington 5	1.46	.78	9.20							4.00		5.20	
South Kamas 4	6.32	.74	10.0										
Sept 4													
~~South Kamas 4~~	~~7.52~~												
South Kamas 4		.75	12.01										
Washington 5		.74	8.40							4.00		4.40	
Sept 5													
John E. Berg 22	2.26		.75										
North & Butler 20	3.4		1.00										
Mary Davis 79	3.21		2.00										
Provo Riv	4.32	.92	28.62										
Worstel 32	4.34	.66	35.41										
North Field 33	4.36	.18	9.75										
Sept 6													
Worstel 33	8.35	.66	35.01										
North Field 32	8.36	.18	9.75										
Provo Riv	8.47	.92	28.62										
Sept 7													
South Kamas 4	4.32	.75	12.20										
Washington	6.16	.70	7.80										

Total

Computations made by Ernest Knight 138 Observations made by

Provo Reservoir Co.
vs.
Provo City et al

2888 Civil

Tabulation of Flow and Distribution of Provo River for 8/27/18

NAME	Time	G. H.	Disc.	Dec'd Net	Tran. Loss	Tran. Gain	Dec'd at St.	P. Cent Added	Amt. Added	Ent. Tot.	Correction at Station Add.	Ded.	G. H.
Larson & Cutler 9/3	3:34	42	2.30										
Fitzgerald & Hoolman 7	3:47		1.50										
Nephi & Wm Moore 8	3:52		Dry										
Washington 5	4:25	.86	11.00										
Phillips 6	4:34		.50										
A.S. Carlile (Phillips)	4:47		.50										
South Kamas 4	4:56	.76	11.60		3								
Stewarts No 1	5:04		Dry										
Stewarts No 2	6:32		Dry										
Stewarts No 3	6:48		Dry										
James Duncan 3	7:14		Dry										
Sunrise 2	8:4		Dry										
				8/28/18									
Turnbow & Gines 11	10:20		Dry										
James Knight 1	10:37		Dry										
James Knight 2	10 11:46		Dry										
James Knight 3	12:4		Dry										
Ethan Webb 12	12:36		Dry										
Ola W Larson 1			Dry										
Ola W. Larson 2			Dry										
Ola W. Larson 3	13		Dry										
Ola W. Larson 4			Dry										1
Wm Lemon 15	3.18	21	.49										
Rasmus Larson N44 1,2,3,4	3.39		Dry										
Larson & Bates 16	3.42		Dry										
Jack Bates 1	4:2		Dry										
Jack Bates 2	19 4:5		Dry										
Jack Bates 3	4:7		.75										
Harold C. Best 20	4:21		Dry										
John E. Berg 22	4:40		Dry										
Levi North 25	5-6		1.00										
John Buttery 24	5-8		Dry										
Murlock Plant	5:29	1.10											
Mary Davis 97	5:31		Dry										
Morris Bros 26	5:37		.75										
Geo Jordan 30	5:57		Dry										
Past Wasatch Dam	6:2		8.36										
Provo Res	6:13	.92	28.62										
Wasatch 32	6:23	.62	31.68										
North Field	6:24	.26	11.25										
Total													

Computations made by Ernest Knight 139 Observations made by

Discharge Observations. 1918.

Union Reservoir Co. Weir. Near Trial Lake.

3' x 19' Suppressed Weir.

Taylor Bond and Thomas Rasband Observers.

1918. Date	Time	Sec.Ft.	G.H.	Acre Feet.	
6-30	730p	50	82	50	Little going over spillway.
7-1	7a	50	82		" " " "
7-1	6p	50	82	100	" " " "
7-2	7a	50	82		
7-2	7p	38	705	88	
7-3	7a	38	.705		
7-3	7p	38	705	76	
7-4	8a	38	705		
7-4	7p	38	705	76	
7-5	8a	38	705		
7-5	815p	38	705	76	
7-6	830a	38	705		
7-6	7p	38	705	76	
7-7	8a	38	705		
7-7	8p	38	705	76	
7-8	10a	50.92	85		Turned 12.92 cfs. for Wasatch.
7-8	7p	50.92	85	93.23	
7-9	8a	50.92	85		
7-9	8p	50.92	85	101.84	
7-10	8p	50.92	85		
7-10	8a	50.92	85	101.84	
7-11	8a	50.92	85		
7-11	7p	50.92	85	101.84	
7-12	9a	50.92	85		
7-12	7p	50.92	85	101.84	
7-13	8a	50.92	85		
7-13	7p	50.92	85.	101.84	
7-14	8a	50.92	85		
7-14	7p	50.92	85	101.84	
7-15	730a	50.92	85		
7-15	4p	61	95	108.57	Lost Lake Nearly empty, turned 1ocfs. from Trial & Washington
7-16	9a	61	95		
7-16	7p	67.64	102	128.64	
7-17	8a	67.64	102		Ordered by Mr. Wentz to shut off 20 cfs.
7-17	10a	48.07	82	115.71	
7-18	8a	48.07	82		
7-18	8p	48.07	82	96.14	
7-19	7a	48.07	82		
7-19	7p	48.07	82	96.14	
7-20	8a	48.07	82		
7-20	7p	48.07	82	96.14	
7-21	8a	48.07	82		
7-21	6p	48.07	82	96.14	
7-22	7a	48.07	82		
7-22	8p	48.07	82	96.14	
7-23	6a	48.07	82	96.14	
7-24	9a	48.07	82		
7-24	8p	48.07	82	96.14	
7-25	9a	48.07	82		
7-25	4p	45.5	79	93.57	

Discharge Observation 1918.

Union Reservoir Co. Weir. (Concluded.)
1918

Date	Time	Sec.ft.	G.H.	Acre Feet	
7-26	8a	45.5	79		
7-26	7p	45.5	79	91.00	
7-27	8a	45.5	79		
7-27	6p	60	94	105.50	Ordered by Mr. Wentz to turn in 15 ft.
7-28	8a	60	94		
7-28	7p	60	94	120.00	
7-29	8a	60	94		
7-29	7p	60	94	120.00	
7-30	9a	60	94		
7-30	8p	60	94	120.00	
7-31	6a	60	94		
7-31	8p	60	94	120.00	
8-1	8a	60	94		
8-1	7p	60	94	120.00	
8-2	8a	60	94		
8-2	5p	58.5	93	118.50	Inflow dropped 1½ft.
8-3	8a	58.5	93		
8-3	7p	58.5	93	117.00	
8-4	8a	58.5	93		
8-4	7p	58.5	93	117.00	
8-5	8a	58.5	93		
8-5	12M	48.5	825	107.00	Ordered by Mr. Wentz to shut off 10 ft.
8-6	10a	48.5	825		
8-6	8p	48.5	825	97.00	
8-7	9a	48.5	825		
8-7	5p	48.5	825	97.00	
8-8	8a	48.5	825		
8-8	7p	48.5	825	97.00	
8-9	7a	48.5	825		
8-9	5p	48	82	96.50	
8-10	8a	48	82		
8-10	5p	48	82	96.00	
8-10	6p	Water approx. shut off by order of Mr. Wentz. Ordered by Mr. Wentz to run 25 ft from now on. (To 5th Sept. when lakes will be empty.)			
8-11	10a	25	53		

Note the foregoing is copy of note book of Bond and Rasband.

~~Sept.~~ Aug.11 to Sept.5 ,at 50 acre feet per day is a total of 1,300 acre feet

1300.

Total 5481.24

****

1918. TRIAL LAKE.

Date	Time	Disch.	Inflow to Trial & Wall.	G.H	Acre Ft.	Ac.Ft. Inflow.	
6-22							Trial Lake full, snow gone.
6-30	2p	36	6	32.9	72.00	12.	Open Valve. Inflow estimated by Jacobs.
7-1	3p	36	5½	32.1	72.00	11.	
7-2	12M	24	5	31.6	48.00	10	
7-3	2p	24	5	30.8	48.00	10	Star & Dimond full, turned
7-4	3p	24	5	30	48.00	10	into Trial.
7-5	2p	24	5	29.1	48.00	10	Some rain, showers.
7-6	1245p	24	5	28.3	48.00	10	
7-7	11a	24	5	27.4	48.00	10	
7-8	10a	34.355	5	26.5	68.71	10	Turned more thru for Wasatch
7-9	2p	34.355	5	24.8	68.71	10	Heavy rain for 1 hour.
7-10	12M	25.27	5	23.7	50.54	10	Heavy rain.
7-11	1p	25.27	2½	22.9	50.54	5	Turned some from Wall.
7-12	12M	25.27	2½	22.6	50.54	5	Heavy rain.
7-13	1030a	25.27	2.5	22.1	50.54	5	
7-14	5p	25.27	2.5	21.4	50.54	5	
7-15	2p	33.45	2.5	20.9	66.90	5	Turned from Trial to make up for lower of Lost.
7-16	12M	33.45	2.5	19.9	66.90	5	Turned Wall to Limit.
7-17	10a	21.755	2.5	20.5	43.51	5	Ordered by Mr. Wentz to shut 20 ft. off.
7-18	1p	21.755	2.5	21.8	43.51	5	
7-19	9a	21.755	2.5	22.5	43.51	5	
7-20	930a	21.755	2.5	23.3	43.51	5	
7-21	1p	25.265	2.5	24	50.53	5	
7-22	630a	25.265	2.5	24.4	50.53	5	rain.
7-23	6a	25.265	2.5	24.7	50.53	5	
7-24	11a	25.265	2.5	25.5	50.53	5	
7-25	11a	22.795	1.5	24.8	45.59	3	
7-26	11a	22.795	1.5	23.7	45.59	3	
7-27	9a	22.795	1.5	23.8	~~45x59xx3~~		
7-27	5p	30.83	1	~~53x62~~	53.62	2.5	
7-28	11a	30.83	1	23.7	61.66	2	
7-29	1p	30.83	1	23.6	61.66	2	
7-30	10a	30.83	1	23.4	61.66	2	
7-31	10a	30.83	1	23.2	61.66	2	
8-1	12M	30.83	1	22.9	61.66	2	
8-2	10a	29.33	1	22.4	58.66	2	
83	9a	29.33	1	22.1	58.66	2	
8-4	8a	29.33	1	21.6	58.66	2	
8-5	10a	29.33	1	20.9			Ordered by Mr. Wentz to shut off 10 ft.
8-5	12M	19.33	1	~~48x66~~	48.66	2	
8-6	11a	19.33	1	20.5	38.66	2	
8-7	9a	19.33	1	19.5	38.66	2	Shut Wall down for awhile.
8-8	10a	19.33	1	18.2	38.66	2	
8-9	2p	17.33	.75	17.1	34.66	1.5	Turned Wall in again.
8-10	9a	17.33	.75	16.2	34.66	1.5	

8-11 10a Discharge same from now on to Sept. 5th, when lake will be dry according to figures by Mr. Wentz.

Total 2195.12 220.5

Note: The foregoing is copy of note book of Bond and Rasband.

W A S H I N G T O N L A K E .

1918.

Date	Time	Disch.	Inflow	G.H	Acre Feet	Inflow Acre Feet	
6-22				35.2			Lake full, Snow gone.
6-30	1p	14	4	36.2	28	8	Inflow estimated by Jacobs
7-1	3p	14	3½	35.8	28	7	
7-2	12M	14	3	35.4	28	6	
7-3	4p	14	3	35.2	28	6	Turned No.3 into Washington
7-4	330p	14	3	35.1	28	6	Turned No.2 into Washington
7-5	130p	14	3	35.2	28	6	
7-6	1230p	14	3	35.2	28	6	
7-7	1130a	14	3	35	28	6	
7-8	9a	16.565	3	34.9	33.13	6	Turned more out for Wasatch
7-9	2p	16.565	3	34.6	33.13	6	
7-10	11a	25.65	3	34.5	51.30	6	Turned more from Wash. and less from Trial.
7-11	1p	25.65	3	34.1	51.30	6	Turned No.4 in.
7-12	12M	25.65	3	33.9	51.30	6	Heavy rain.
7-13	10a	25.65	3	33.6	51.30	6	
7-14	5p	25.65	3	33.2	51.30	6	
7-15	1p	27.55	3	32.9	55.10	6	Turned some more from Washington to make up for lowering of Lost Lake.
7-16	11a	34.19	3	32.5	68.38	6	Turned more from Washington
7-17	10a	26.315	3	32	52.63	6	
7-18	11a	26.315	3	31.5	52.63	6	
7-19	10a	26.315	3	31.2	52.63	6	
7-20	9a	26.315	3	30.8	52.63	6	
7-21	10a	22.705	3	30.4	45.41	6	
7-22	630a	22.705	3	30.1	45.41	6	Some rain.
7-23	6a	22.705	3	29.7	45.41	6	
7-24	10a	22.705	3	29.3	45.41	6	
7-25	10a	22.705	2	29	45.41	4	
7-26	9a	22.705	2	28.8	45.41	4	
7-27	8a	22.705	2	28.7			
7-27	5p	29.17	2		51.87	4	
7-28	1130a	29.17	2	28.3	58.34	4	
7-29	8a	29.17	2	27.8	58.34	4	
7-30	9a	29.17	2	27.2	58.34	4	
7-31	10a	29.17	2	26.6	58.34	4	
8-1	11a	29.17	2	25.9	58.34	4	
8-2	12M	29.17	1.5	25.3	58.34	3	
8-3	8a	29.17	1.5	24.7	58.34	3	
8-4	8a	29.17	1.5	24.1	58.34	3	
8-5	9a	29.17	1.5	23.5	58.34	3	
8-6	11a	29.17	1.5	22.8	58.34	3	
8-7	8a	29.17	1.5	22.2	58.34	3	
8-8	10a	29.17	1.5	21.4	58.34	3	
8-9	10a	30.67	1.5	20.7	61.34	3	
8-10	10a	30.67	1.5	20	61.34	3	
					2067.85	216	
8-11	10a	16.	L6 ft. dischrage from now on to the 5th of September, when lakes will be dry according to figures by Mr. Wentz.				

****

W A L L L A K E .

1918. Date.	Time	Disch.	Inflow	G.H.	Acre feet Inflow.	
6-23				28plus		Lake full.
7-3				28		Lake full.
7-11	12M		2½	28plus	5	Cleaned trash from spill and turned some in.
7-13	11a	6	2.5	27.8	5	
7-15	12M	10	2.5	27.4	5	1 & 2 full.Turned in.
7-16	12M		2.5	27.3	5	Turned valve to limit.
7-17	4p	34	2.5	25.6	5	
7-18	12M	34	2.5	24.3	5	
7-19	10a	34	2.5	23	5	
7-20	1p	34	2.5	21.5	5	
7-21	2p	34	2.5	20	5	
7-22	11a	34	2.5	18.7	5	
7-23	12M	34	2.5	17.4	5	
7-24	1p	18	2.5	16	5	Shut valve half way.
7-25	2p	15	2	15.5	4	
7-26	10a	15	2	14.8	4	
7-27	10a	34	2	14.6	4	Turned valve to limit.
7-28	2p	34	2	13.1	4	
7-29	1p	34	2	12	4	
7-30	11a	34	2	10.8	4	
7-31	1030a	34	2	9.6	4	Gage H. Estimated from now on.
8-1	11a	34	2	8.4	4	
8-2	11a	25	1	5	2	
8-3	10a	20	1	3.5	2	
8-4	10a	20	1	2	2	
8-5	10a	20	1	1.5	2	
8-6	12M	15	1	1	2	
8-7	12M	.75x	.75		1.5	Shut Wall down.
8-9	12M	10	.75	1	1.5	Turned Wall loose again.
					106.5	

****

L O S T L A K E

1918. Date	Time	Discharge	Inflow.	
6-23				Lost and Tea Pot full.
7-3	9a	3½	3½	No.1 full
7-9	9a	23.5	3.5	Turned 20ft plus inflow from Lost Lake.
7-11	9a	23.5	3½ Rain	Turned No1 and TeaPot lose.
7-15	9a	13.5	3.5	
7-16	9a	3.5	3.5	Lost Lake empty.

****

N O R T H F O R K L A K E S .

1918. Date	Time	Disch	Inflow	
6-23				All lakes full, snow gone.
6-29	6p	12	2	Opened 1,5, & 6 lakes,1st time opened. for 10 second feet.
7-2	9a	12	2	Opened 2,3,& 4 lakes.
7-2	9a	20	4	
7-6	10a	20	4	
7-9	9a			Lakes empty.

****

IN THE DISTRICT COURT OF THE FOURTH JUDICIAL DISTRICT OF THE STATE OF UTAH, SITTING AT UTAH COUNTY.

----------oOo----------

Provo Reservoir Company,	:	
Plaintiff,	:	
vs.	:	CIVIL CASE NO. 2888.
Provo City, et al.	:	
Defendants.	:	

----------oOo----------

The motion of the defendant, John D. Dixon to have modified the decision heretofore announced with reference to the rights of said John D. Dixon, under Application No. 2134 for the right to appropriate 10 second feet of water from Provo River, having been made, and it appearing that the said John D. Dixon presented proof in support of his claim to said water.

The Court does hereby ORDER that the said decision be modified by inserting a paragraph to be numbered 34½ (the same to follow paragraph No. 35 of the original decision, which under the order of the court dated June 14th 1918, became paragraph No. 34), and said paragraph inserted to read as follows:

"The defendant John D. Dixon having duly made application to the State Engineer of the State of Utah, by application Number 2134, under date of October 27th, 1908, to appropriate 10 second feet of water from Provo River, in Utah County, Utah, and having complied with the laws and requirements in relation to the appropriation of water, is entitled to complete said appropriation and make final proof thereof to the State Engineer; and upon the completion of said appropriation and the making of said final proof, will be entitled to divert said water from Provo River at his point of diversion near the mouth of Provo Canyon, in Utah County, Utah; and pending the completion of said appropriation and the making of such final proof, is entitled to make such diversion and use of said water as above set forth.

The right in this paragraph found and awarded, are hereby designated as Class C-2 water.

Dated this 23rd day of July 1918.

C. W. MORSE
Judge pro tem.

Provo,Utah, Sept. 9,1918.

H.L.Stoner, Engr. UTah Power & Light Co.
Salt Lake City, Utah.

Dear Sir:

Complying with your request by phone of to-day I enclose
"Copy of letter of July 22,1918 of J.D.Dixon."
"Copy of letter of Aug.2,1918,of Provo Reservoir CO."
"Copy of order of the Court of July 23,1918."

Very Truly,

_____

Commissioner.

Farmers and Merchants Bank

CAPITAL $50,000.00

THOMAS N. TAYLOR, PRESIDENT
JOHN F. BENNETT, VICE PRESIDENT
J. D. DIXON, CASHIER
ARNOLD DIXON, ASST. CASHIER

PROVO, UTAH, July 22, 1918.

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

Dear Sir:

Please turn to Provo Reservoir Company all water due me from Provo River until further ordered, and oblige,

Yours very truly,

J. D. Dixon

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JOSEPH R. MURDOCK, PRESIDENT AND MANAGER
J. WILLIAM KNIGHT, VICE-PRESIDENT
R. J. MURDOCK, SECRETARY-TREASURER

DIRECTORS:
JOSEPH R. MURDOCK
J. WILLIAM KNIGHT
FRANCIS W. KIRKHAM
STEPHEN L. CHIPMAN
GEORGE H. BRIMHALL
JOSEPH B. KEELER
A. J. EVANS
O. C. BEEBE
DAVID A. SMITH

Provo Reservoir Company

Provo, Utah

August 2, 1918.

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

Dear Sir:

We are enclosing to you herewith, an order from John D. Dixon authorizing you to deliver to our company, such water as he is entitled to.

Also enclosed are four copies of order modifying decision in case No. 2888, for J. D. Dixon.

Yours truly,
PROVO RESERVOIR COMPANY
R J Murdock
Secretary.

RJM:VA
Encls.

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Provo,Utah, Oct.30,1918.

Provo Bench Canal & Irrigation Co.

Provo,Utah.

Provo Reservoir Company.

Provo,Utah.

Gentlemen;

Upon your application at time of recent hearing of Case No. 2888 a table was furnished showing by percentages quantities of water recieved by Provo Bench Canal & Irrigation Company, and Provo Reservoir Co. by its Blue Cliff Right.

Oweing to the status of the case the Courts Decision was not fully enforced during this season,and it was late in the season before a means was found to divert some of the excess water on the West side to the main channel for use of Provo City and others.

To clear this matter up and show the effect of the decision during an unusual year as 1918,I am enclosing "Tabulation Showing Distribution During The Season Of 1918 ***** Had The Decision been Followed And Necessary Channel From Spring Creek To River Been Constructed."

Very Resp.

T. F. Wentz

Commissioner.

Copy To W.W.Ray.
Copy to Provo Reservoir Co.

Provo,Utah,July 20,1918.

Hon. C.W.Morse.

Salt Lake City,Utah.

Dear Sir:

Under separate cover I am forwarding carbon copy of Daily Sheets of Provo River as follows:

July 15,1918, Nos. 1,2, and 3.
July 18,1918, Model "A".
July 18,1918 "B".

Observe that the tabulations for July 15, assumed the discharge of Lost Creek, Bridal Veil Falls, and the Guard Quarters Springs to be the maximum decreed,this assumption only affects the proportion awarded to the Utah Power & Light Co. These stream were measured on the 17th and the proper amounts used in the distribution of the 18th.

Resp,

_____

Commissioner.

Provo,Utah, July 20,1918.

H.L.Stoner, Engr. Utah Power & Light Co.

Salt Lake City,Utah.

Dear Sir;

Under separate cover I am forwarding carbon copy of Daily Sheets of Provo River as follows:

July 15,1918, Nos. 1,2,and 3.
July 18,1918, Model "A".
July 18,1918, "B".

Observe that the tabulation of the 15th. assumed the discharge of Lost Creek, Bridal Veil Falls,and the Guard Quarters Springs to be the maximum awarded. These streams were measured on the 17th, and the proper amounts used in the distribution of the 18th.

Resp,

Commissioner.

UTAH POWER & LIGHT COMPANY

KEARNS BUILDING

SALT LAKE CITY, UTAH

July 12, 1918.

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

Dear Sir:

I am returning herewith original current meter notes for the measurements secured on Olmsted Flume on July 10th.

I wish to thank you very much for the use of the same to secure a copy.

Yours very truly,

MARKHAM CHEEVER, GEN'L SUPT. & CHIEF ENGINEER

BY - H. L. Stoner

HLS-H

Enc.

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UTAH POWER & LIGHT COMPANY

KEARNS BUILDING

SALT LAKE CITY, UTAH

July 27, 1918.

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

Dear Sir:

Herewith I am sending you a blue print copy of a sheet showing rating curves for Olmsted flume. The base curve, as shown on this sheet, was drawn from the plotting of results of four meter measurements made on April 11th, 1918. The arrangement of bulk heads in the flume was the same for all four measurements. For operating reasons it will be necessary to vary the arrangement of these bulk heads from time to time, and this will effect the relation of discharge and gage height in the flume.

The results of measurements made with a different arrangement of bulk heads other than that existing on April 11th, will plot at an off-set from the curve drawn from those measurements secured on April 11th. The rating curve for this latter condition will be practically parallel at the upper end of the curve to that of the April 11th curve. On the sheet I have shown results of meter measurements made on July 10th, 15th, and 23rd. These, it will be noted, plot at an off-set from the base curve of April 11th, and indicate that the bulk head arrangement gives a varying relation between gage height and discharge.

I think this rating curve sheet will be of help to you in your distribution of water in the following manner: When you secure a measurement on the flume the result may be plotted on this sheet, and it will probably be at an off-set from the base curve. Through the results of this measurement it would be proper to draw a short section of a curve roughly parallel to the base curve. To effect regulation it will probably be necessary to add or deduct a slight flow from the stream. The amount of gage height change which would be necessary to effect this regulation can be readily obtained from scaling off on the parallel curve.

We have already discussed the matter which has been placed in this letter, and the purpose of transmitting this curve has been to aid you, if possible, in the regulation of the flow through the flume. I hope that this curve will be of service to you.

Yours very truly,

MARKHAM CHEEVER, GEN'L SUPT. & CHIEF ENGINEER

HLS-H 153 BY - H L Stoner

JOSEPH R. MURDOCK, PRESIDENT AND MANAGER J. WILLIAM KNIGHT, VICE-PRESIDENT R. J. MURDOCK, SECRETARY-TREASURER

DIRECTORS:
JOSEPH R. MURDOCK
J. WILLIAM KNIGHT
FRANCIS W. KIRKHAM
STEPHEN L. CHIPMAN
GEORGE H. BRIMHALL
JOSEPH B. KEELER
A. J. EVANS
O. C. BEEBE
DAVID A. SMITH

Provo Reservoir Company

Provo, Utah

July 3, 1918.

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

Dear Mr. Wentz:

Kindly be advised that we are now distributing water to 6,835 acres.

Yours truly,

PROVO RESERVOIR COMPANY

R J Murdock

Secretary.

RJM:VA

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Provo,Utah, Jan.6,1919.

Provo Bench Canal & Irrigation Co.

Provo,Utah.

Gentlemen:

Complying with the request of Mr. O.J.Poulsen, regarding the quantities of water conveyed through the Provo Bench Canal during the season of 1918 by the Provo Reservoir Company, I submit the following:

Total Discharge	May	June	July	Aug.	Sept.	Total
of Canal in	7326	7810	4913	4208	4136	28,393.
Acre feet.						
Provo Res. Co.						
Acre Feet.	1116	1050	628	536	420	3,750

That is the total acre feet through the Provo Bench Canal for the months of May, June, July, August, and september 1918 was 28,393, of which the Provo Reservoir Co. drew 3,750 acre feet, which is 13.2 per cent of the total quantity.

Resp. T. F. Wentz.

Mailed to O.J.Poulsen in duplicate.

"Copy"

Provo, Utah, Feb.18,1918.

Provo Bench Canal & Irrigation Company.

Provo, Utah.

Gentlemen;*

In reply to your enquiry of the 15th inst. regarding the quantities of water conveyed through the Provo Bench Canal by the Provo Reservoir Company, and the percentage of the total discharge of the canal, I submit the following:-

	May.	June	July	August.	Sept.	Oct.	Total
Total Discharge Of Canal. Acre ft.	3207.98	7370.40	7821.92	5952.62	6340.20	4424.06	35,117.18
Provo Reservoir Co. Acre ft.	576.00	1080.00	930.00	744.00	720.00	576.00	4,626.00

That is the total acre feet diverted through the Provo Bench Canal from May 16th to October 24 inclusive was 35,117.18. The Provo Reservoir Company diverted 4,626.00 acre feet of the total, which is 13.2 per cent of the total quantity.

Resp,

T.F.Wentz.

Commissioner.

Mailed to O.J.Poulsen, in duplicate.

Provo,Utah, March 11,1918.

Amos Carter.
Lafayette Carter.
David Carter.
Elizabeth Carter Ashton.
AL.Tanner.
Esthma Tanner.
James M.Bonnie.
Jane Williamson.
Steve Jones.
Olive Smith.
E.D.Partridge
Ashted Taylor.
George Taylor Jr.

Provo,Utah.

Attached hereto I hand each of you your individual schedule for season of 1918.

You will please make such enlargements of ditches to enable you to use proper sized irrigating streams. The schedule prepared is to be considered temporary, and for use until a more efficient method is adopted.

During the time as shown by your card you are entitled to the use of the combined flow of all the parties addressed above.

You are advised the writer desires to co-operate with you in the planing of a proper rotation system. The quantity of water awarded is exceedingly liberal,and aught to produce the maximum results.

Very Resp.

_____

Commissioner.

Copy by mail with attached schedule to the following:

Amos Carter
Lafayette Carter.
David Carter.
Elizabeth Carter Ashton.
A:L.Tanner.
Esthma Tanner.
James M.Bonnie.
Jane Williamson.
Steve Jones.
Olive Smith.
E.D.Partridge.
Ashted Taylor,
George Taylor Jr. delivered to Ashted Taylor. 3-16-18.

All of Provo,Utah.

Provo,Utah, March 21, 1918.

Henry V.Smith Jr.
William Cluff.
Alice Rambaud.
Jacob A.Baum.
James Stewart.
S.S.Cluff Jr.
Mary Greenhalgh.
James Amicome.
Provo Pressed Brick Co.
Lafe Baum.
Elmer Baum.

Provo,Utah.

Attached hereto I hand each of you your individual schedule for season of 1918.

During the time as shown by your card you are entitled to the use of the combined flow of all the parties addressed above.

You are advised the writer desires to co-operate with you in the planing of a proper rotation system. The quantity of water awarded is exceedingly liberal,and with proper care and attention will produce the maximum results.

Very, Resp.

_____

Commissioner.

Copy by mail to
Henry V.Smith Jr.
William Cluff.
Alice Rambaud.
S.S.Cluff Jr.
James Amicome
Provo Pressed Brick Company.

Expalnatory:

Caretaker of property of James Stewart and Mary Greenhalgh, not known at this date.

Jacob A.Baum, Elmer Baum, and Lafe Baum, delinquent in payment, see letter of this date.

Note: During the highwater period all parties will be expected to use water in as large a quantity as desired.

Provo,Utah, April 3,1918.

Brice McBride.

Camp Lewis,Washington.

Dear Mr. McBride:

Your favor of March 17 recieved this a.m.

In the 1908 the Provo Reservoir Company made a filing upon the unappropriated waters of Provo River,and in 1909 began the diversion of high water and the use of their stored water. Immediately there was objections by the older rights who claimed the whole ofthe River. In 1910 the primary rights agreed to allow the Reservoir Company the waters in excess of a 55 acre duty,and since then no specific agreements have been entered into.

The Provo Reservoir Company took the matter up with the State Engineers office and asked for a complete hydrographic survey,this was arranged by the parties interested paying about one-half the expense,but several of the old rights made an objection and the matter was finally dropped. Then there was a move started to include the Provo River in an irrigtion district under the administration of the State,this was blocked by the old users, it seems now that the defendants have not encouraged investigation or the determination of the facts by State.

The Provo Reservoir Company immediately after these moves began a hydrographic survey of all the area on the Provo River system. And at the trial of the case gave this evidence,in your instance no objection to the acreage given was offered,it is the only testimony in the record, and therefore does not admit of a question in the decision.

During the time of the surveys I was making a check of the areas for some of the parties,and was engaged by Mr. David S.Park to determine the facts under your two ditches. I began this work and nearly finished it, when Mr. Park countermanded the order,this work has not been completed and no part of it introduced in the case,at present I am personally unable to say anything regarding the correctness of the areas given by the plaintiff on these two ditches. And I am frank to say to you I cannot see anyway in which they may be changed.

The quantity of water awarded per acre is unusualy large, and with proper attention will produce the maximum crops. During the period of readjustment each party will be given due consideration,and it is my desire to maintain the highest use of the water and at the same time increase the crop production on each acre of land. I will gladly give your interests the required attention,and will carefully consider any and all suggestions you may offer.

Very Truly,

March 17th
Co. "C" O.T.C. Camp Lewis, Wash.

Mr. T.F.Wentz:-
Provo, Utah.

Dear Sir:-

I have before meyour letter of March 1st to the water users of the Barton and Young Ditch and the Park, Nuttall Ditch with the accompanying water schedules for D.B. McBride.

As I have been out of touch with the case since November 1st, 1917, I am not in a position to say just what has developed since then. At that time, however, according to the attorneys, the smaller ditches would remain as under the old decrees. You can, therefore, see why I was taken by surprice when I received the information that the two ditches were to be run together on a schedule with the acreage assigned to each.

You ask for co-operation and suggestions.

Since leaving school I have been connected with irrigation questions in Idaho and Utah and know what your motives and problems are in this particular situation. I, therefore, extend you my hearty co-operation and willingness to discuss the problem. As you realize I cannot do this personally and matters of peace come second when a man once enters the service. I fear also that some so called patriotic gentlemen are taking advantage of the absence of the soldiers to make gains for themselves.

One thing I would like to ask is the permancy of this schedule. On paper the amount of water looks sufficient, but from past experience on our soil it may not prove so. I ask as a favor your co-operation in observing and advising mother as to this, as the season progresses, if you find time along with your other duties. Another favor would be bringing Youngs' into a realization of the fact that they have a certain expense to share in the upper ditch.

The last criticism I have to the schedule, if it is permanent, is the acreage. I realize that thirty acres is all there is under the ditch at present, but I also realize that we have ten more acres that can be irrigated by pumping. When we purchased the land it was with the old water right and was sufficient to cover all the land. The only reason it has not been covered is on account of the expense. I contend then that this land should not be lost sight of in the apportionment of water. I do not ask for water for it now, but I do want water for it when I cultivate it and feel I am not getting one thing more than is

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coming to me.

Thanking you for an answer to my question in regard to acreage and any assistance that you may give mother, I am

Yours truly,

BRICE McBRIDE.

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Provo, Utah, March 13,1918.

Evan Williams.
Isabell West.
Mary E.Davis.
James F.Clyde.
Frederick Pulham.
Leslie Syms.
D.W.Baum.
A.B.Forsyth.

Provo,Utah.

Attached hereto I hand each of you your individual schedule for season of 1918.

You will please amke such enlargements of ditches to enable you to use proper sized irrigating streams. The schedule prepared is to be considered temporary, and for use until a more efficient method is adopted.

You are advised the writer desires to co-operate with you in the planing of a proper rotation system. The quantity of water awarded is exceedingly liberal,and with proper care and attention aught to produce the maximum results.

Very Resp.

_____

Commissioner

Copy by mail with attached schedule to the following.

Evan Williams.
Isabell West.
Mary E.Davis.
James F.Clyde.
Frederick Pulham,
Leslie Syms.
D.W.Baum.
A.B.Forsyth.

All of Provo,Utah.

Provo, Utah, March 13,1918.

Roy D.Brown successor to Wilmirth H.Brown.
Charles H.Davis.
David Johnson.
J.Joseph Johnson.
Joseph Nelson.
Maggie Pearl Brown.
Albert Snyder.
Mary AnnBrown.
Joseph M.Brown.
E.V.Vincent.

Provo,Utah.

Attached hereto I hand each of you your individual schedule for season of 1918.

You will please make such enlargements of ditches to enable you to use proper sized irrigating streams. The schedule prepared is to be considered temporary, and for use until a more efficient method is adopted.

You are advised the writer desires to co-operate with you in the planing of a proper rotation system. The quantity of water awarded is exceedingly liberal,and with proper care and attention aught to produce the maximum results.

Very Resp.

_____

Commissioner.

Copy by mail with attached schedule to the following:

Roy D.Brown.
Charles H.Davis.
David Johnson.
J.Joseph Johnson.
Joseph Nelson.
Maggie Pearl Brown.
Albert Snyder.
Mary ANN Brown
Joseph M.Brown.
E.V.Vincent.

All of Provo,Utah.

Provo,Utah April 3,1918.

Roy D.Brown,

Provo,Utah.

Dear Sir:

I hand you herewith "Water schedule" for Louisa Brown tract of 7.50 acres, for the season of 1918.

You will observe this card immediately precedes your schedule on the Wilmyrth Brown tract,and is intended to be run as such.

All correspondence relative to improvements of ditches ect. heretofore mailed is also applicable to this tract.

Louisa Brown schedule is run as an "Extra".

Resp,

T. F. Wertz

Commissioner.

Provo,Utah, April 3,1918.

J.E.Smith.

Provo,Utah.

Dear Sir:

I hand you herewith your water schedule for season of 1918.

You will please make such enlargements of ditches to enable you to use proper sized irrigating streams. The schedule prepared is to be considered temporary, and for use until a more efficient method is adopted.

You are advised the writer desired to co-operate with you in the planing of a proper rotation system. The quantity of water awarded is exceedingly liberal,and with proper care and attention aught to produce the maximum results.

Very Resp.

_____

Commissioner.

Note: This card is run as "EXTRA".

Provo, Utah, March 1,1918.

D.B.McBride:

Joseph Evans
Tenant of lands of Permelia Young, Ada Young Littley, and Hetty Goodwin.

M.B.Cutler:

David S.Park:

Provo,Utah.

Gentlemen:

Attached hereto I hand you water schedule for the season of 1918. You will observe the Park & Nuttal Ditch and the Barton & Young Ditch rights are run jointly.

Begining the schedule D.B.McBride will open the gate of the Barton & Young Ditch to a diversion of 2.31 second feet of water-- a gage height of 0.36 foot.

At the ending of the turn of Joseph Evans, Mr. Evans will be required to close the gate.

At the begining of the turn of M.B.Cutler, Mr. Cutler will open the gate of the Park & Nuttal Ditch to a diversion of 2.31 second feet -- a gage height at the weir of 0.36 foot. And at the ending of the turn of David S.Park, Mr. Park will be required to close the gate.

After the highwater but one of these ditches will be flowing at a time as scheduled, and on the other you will be required to keep gate closed and locked,and made tight; no waste or leakage will be permitted.

Before May 10,1918, gates and weir must be placed in first class condition,and ditch leading to weir must be clear of obstructions and banks trimed, ditches throughout their whole course should be kept in a state of good order and repair.

Before may 10,1919, you will make such enlargements of these ditches to carry,safely, 5.00 second feet. By this enlargemnt you will be able to use a larger head which will better suit the conditions.

You are advised that the writer desires to co-operate with you in the planing of a proper rotation system;to reach the highest efficiency. The quantity of water awarded to you is exceedingly liberal,and with reasonable care and diligence aught to produce maximum results.

You will be given due consideration,and you are expected to observe all orders of the Court,and requirements of the Court's officers.

Resp.

T. G. Wentz

Commissioner.

Copy by Mail to Joseph Evans, D.B.McBride, M.B.Cutler, and David S.Park, all of Provo,Utah.

Provo,Utah. March 31,1918.

Alice Rambaud.

George Boyce.

Provo, Utah.

During the highwater period and until the low water schedules are in effect, Mrs. Rambaud May use River Bottoms Ditch "I" commonly called the "Boyce Ditch" from Tuesday Noon until Thursday noon of each week.

During the remainder of the week this ditch is reserved for use of the stockholders of the East River Bottoms Water Company.

Please govern yourselves accordingly.

Resp.

_____

Commissioner.

Copy by mail to each;

Alice Rambaud
George Boyce.

Provo,Utah, March 21,1918.

Jacob A.Baum.
Elmer Baum.
Lafe. Baum.
D.W.Baum.

Provo,Utah.

Gentlemen;

You are advised that your individual schedules showing the time of use of water,are formulated and will be mailed to each of you upon the payment of delinquent assessment to the County clerk.

You are also advised that no use of water will be permitted until such assessments have been paid. Kindly give this matter your immediate attention.

Resp.

T. H. Wentz

Commissioner.

Copy by mail to

Jacob A.Baum.
Elmer Baum.
Lafe Baum.
D.W.Baum.

Provo,Utah.

Provo,Utah, April 2,1918.

East River Bottoms Water Co.
S.S.Cluff Jr.
Jacob A. Baum.
Lafe Baum.
Elmer Baum.
Henry V.Smith Jr.
William Cluff.
Alice Rambaud.
James Amicome.
Provo Pressed Brick Co.

Provo,Utah.

Gentlemen and Madam:

I have been notified by Mayor Dixon and Commissioner Thomptson that Provo City will carry its water down the Provo River channel to its diversion dam near the brickyard,instead of useing the City Creek.

And you are advised that the quantity of water that will be turned to City Creek will be only the quantity necessary to supply your respective awards.

It is necessary that you begin at once to instal gates along the City Creek channel to enable you to make the required diversion. These gates must be so constructed that all of the flow can be diverted when necessary,and proper spillways arranged to allow such water to flow past as is scheduled farther down the stream.

It is also necessary that yourselves in conjunction with the Upper East Union Irrigation Company,construct a regulating gate at the head of City Creek.

I suggest that all this work be commenced at once, not later than April 8th. You may close City Creek at this time,and complete the devices before the irrigation season commences.

Any failure upon your part to make the proper preparation and the instalation of adequat diversion and regulating devices cannot be attributed to lack of notice.

I will be pleased to assist you in the design and instalation of the necessary devices. Kindly give this matter your immediate attention,and if possible arrange to commence this work not later than April 8, 1918.

Yours Truly,

_____

Commissioner.

Copy By Mail to Fred Ferguson,
S.S.Cluff Jr. Jacob A.Baum.
Lafe Baum, Provo Pressed Brick Co.
Copy delivered to J.E.Booth.

Provo,Utah, March 18,1918.

East River Bottoms Water Company.

Provo,Utah.

Gentlemen;

Attached hereto I hand you draft of schedules "A" and "B", you will kindly go over each and advise me of changes you desire.

You will observe the rotation period is seven days and eight hours,that is the "turns" come eight hours later each week,on each of the schedules submitted there is but one turn shown.

Upon final approval of sytem of rotations I will make the individual cards. Kindly let me hear from you as early as possible.

Yours Truly,

_____

Commissioner.

Copy by mail to J.E.Booth, Secretary.
Copy by mail to Fred Ferguson,President.

Enc. Schedule "A" and schedule "B".

EAST RIVER BOTTOMS WATER COMPANY.

Schedule "A". Tentative.

Submitted to Company for approval.

Name	Shares.	Ditch.	Duration.	Commencing.	Ending.
Henry Smith	4	"C"	5;00	May 15, 5;40a	May 15, 10;40a.
G.H.Gordon	8	"D"	10;00	May 15,10;40a	May 15, 8;40p.
Mrs. Jensen	2	"E"	2;30	May 15, 8;40p	May 15, 11;10p
James Meldrum	1,	"F"	1;15	May 15,11;10p	May 16, 12;25a
Joseph V.Smith	4	"F"	5;00	May 16,12;25a	May 16, 5;25a
G.H.Gordon Jr.	2	"G"	2;30	May 16, 5;25a	May 16, 7;55a
George Havercamp	3	"G"	3;45	May 16, 7;55a	May 16, 11;40a
Provo City	3		3;45	May 16,11;40a	May 16, 3;25p
James Meldrum	5	"M"	6;15	May 16, 3;25p	May 16, 9;40p
John W.Stubbs	2	"M"	2;30	May 16, 9;40p	May 17, 12;10a
J.E.Booth.	12	"M"	15;10	May 17,12;10a	May 17, 3;20p
J.E.Booth.	9	"N"	11;20	May 17, 3;20p	May 18, 2;40a
Fred Ferguson	3	"K"	3;45	May 18, 2;40a	May 18, 6;25a
Wm.Ferguson.	4	"K"	5;00	May 18, 6;25a	May 18, 11;25a
W.H.Baum.	2	"O"	2;30	May 18,11;25a	May 18, 1;55p
Harmon Baum	4	"O"	5;00	May 18, 1;55p	May 18, 6;55p
Frank Sackett	2	"O"	2;30	May 18, 6;55p	May 18, 9;25p
Gatherum Heirs	2	"O"	2;30	May 18, 9;25p	May 18, 11;55p
Elisha Thomas	15.50	"O"	19.35	May 18,11;55p	May 19, 7;30p
T.J.Foote	4;50	"P"	5;40	May 19, 7;30p	May 20, 1;10a
Earl Foote	2	"P"	2;30	May 20, 1;10a	May 20, 3;40a
George Boyce	46	"I"	58;00	May 20, 3;40a	May 22, 1;40p
Total	140.		7 days 8 hours.		

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Schedule "B" . Tentative.

Submitted to Company for approval.

Name	Shares,	Ditch.	Duration.	Commencing.	Ending.
George Boyce	25	"J"	31.;30	May 15, 6;10a	May 16, 1;40p
J.E.Booth	6.5	"J"	8;10	May 16, 1;40p	May 16, 9;50p
Fred Ferguson	15	"J"	18;50	May 16, 9;50p	May 17, 4;40p
Wm. Ferguson .	11	"J"	13;50	May 17, 4;40p	May 18, 6;30a
Amasa Penrod	6.5	"J"	8;10	May 18, 6;30a	May 18, 2;40p
Jesse Stubbs	6	"J"	7;30	May 18, 2;40p	May 18,10;10p
John Stubbs	22.5	"J"	28.25	May 18,10;10p	May 20, 2;35a
Wm.Ferguson	1	"L"	1;15	May 20, 2;35a	May 20, 3;50a
Fred Ferguson	14	"L"	17;35	May 20, 3;50a	May 20, 9;25p
John Stubbs	12	"L"	15;05	May 20, 9;25p	May 21,12;30p
George Boyce	5	"L"	6;15	May 21,12;30p	May 21, 6;45p
Eliz.Ferguson.	5	"L"	6;15	May 21, 6;45p	May 22, 1;00a
James Long.	2.5	"L"	3;10	May 22, 1;00a	May 22, 4;10a
Lydia Humphries	5	"L"	6;15	May 22, 4;10a	May 22,10;25a
Fred Ferguson	3	"H2"	3;45	May 22,10;25a	May 22, 2;10p
Total	140.		7 days 8 hours.		

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Provo,Utah, March 4,1918.

Upper East Union Irrigation Co.

Provo,Utah.

James L.Meldrum,
John E.Booth,
George James,
Merril Holden,
Lewis James,
Lafe Baum Successor to Isaiah B.Lott.
James Ferguson successor to Ada J.Hickman,
Elmer Meldrum,
Members of association under the name and style of Faucett Field Ditch Company.
Provo,Utah.

Gentlemen;

Attached hereto I hand you water schedule for 1918, for the Upper East Union Irrigation Company,and the Faucett Field Ditch Company.

Both parties use the same diversion channel,and the Faucett Field users take out a number of laterals along the canal above the diversions of the Upper East Union Irrigation Co.

It is advisable to use relatively large heads in the irrigation of the Faucett Field,and should these users desire to maintain but one irrigation stream at a time it will be necessary to instal proper gates at each diversion to take the required portion of the stream.

After careful consideration and consultation with representives of both parties,it is deemed best for the Faucett field users to take all of the combined flow for a period of time,and then the Upper East Union Irrigation Company to use the combined flow for the balance of the time.

You will observe the schedule is made for a rotation period of 7 days and 8 hours; the Faucett Field Ditch Company being entitled to 24 hours, and the Upper East Union Irrigation Co. to 6 days and 8 hours, that is the time is divided according to the quantity awarded.

Each of you may divide the stream into as many irrigating streams as desired,and make time cards to the individuals to fit the schedule hereto attached.

During the highwater period you may use such quantities and in such way as you wish.

Your suggestions for change and improvement will be carefully considered,and your co-operation in the distribution is desired.

You are advised that the writer desires to co-operate with you in the planing of a proper rotation system. The quantity of water awarded is exceedingly liberal,and with reasonable care and diligence aught to produce the maximum results.

You will be given due consideration,and you are expected to observe all orders of the Court,and requirements of the Court's officers.

Very Resp,

T. F. Weiss

Commissioner.

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Copy to Harvey Cluff,Secty Upper East Union Irrig. Co.
Copy to John E.Booth, For Faucett Field Ditch Co.

Provo,Utah, April, 2, 1918.

East River Bottoms Water Company.

Provo,Utah.

Gentlemen:

I have delivered to your secretary ,J.E.Booth, water schedules as follows:-

Set "A".	Set "B".
Henry Smith	George Boyce.
G.H.Gordon,	J.E.Booth.
Mrs.Jensen.	Fred Ferguson.
James Meldrum.	William Ferguson.
Joseph V. Smith.	Amasa Penrod.
G.H.Gordon Jr.	Jesse Stubbs.
George Havercamp.	John Stubbs.
Provo City.	William Ferguson.
James Meldrum.	Fred Ferguson.
John W.Stubbs.	John Stubbs.
J.E.Booth.	George Boyce.
J.E.Booth.	Elizabeth Ferguson.
W.H.Baum.	James Long.
Harmon Baum.	Lydia Humphries.
Frank Sackett.	
Gatherum Heirs.	
Elisha Thomas.	
T.J.Foote.	
Earl Foote.	
George Boyce.	

Schedules to each of the above are furnished in duplicate, each card shows name, company, set, ditch, rotation, duration, number of shares, time of commencing,and time of ending.

During the highwater period you may use water in such quantities as you desire,and you may make as many streams to serve you as you find convenient.

During the low water period you will be required to confine yourselves strictly to the schedules.

The person who holds the last turn on a particular ditch should be required by your company to close the gate and stop all leakage,however the company will be held responsible to carry out the conditions as shown by the schedules.

Resp.

_____

Commissioner.

Copy by mail to Fred Ferguson.
Copy delivered with ~~the~~ schedule to J.E.Booth.

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Provo, Utah, March 23,1918.

John E.Booth.

Provo,Utah.

Dear Sir:

You will observe that the name of James Downs does not appear in Decision of Judge Morse in the Case of Provo Reservoir Company vs. Provo City et al.

Mr. Downs irrigates approximately 8.50 acres from Spring. Creek.

It is advisable to have this matter taken care of at the next session of court.

Resp.

T. F. Wenz

Commissioner.

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Provo,Utah, Jan.8,1919.

Hon. C.W.Morse,
Special Judge Fourth District Court.

Salt Lake City, Utah.

Dear Sir:

I have had a conference with Mayor Dixon and Commissioner Thomptson regarding the setting of case No.2888. It is agreeable to these parties taht you arrange the time to suit your convenience and the attorneys of Salt Lake City. Mr. Thomptson has requested Mr. Richards to consult you regarding this matter.

Very. Resp.

_____

Commissioner.

175

T. F. WENTZ
CIVIL AND IRRIGATION ENGINEER
PROVO, UTAH

PHONES:
148 R 1
318

Provo,Utah, July 27,1918.

Hon. C.W.Morse

Salt Lake City,Utah.

Dear Sir:

In th matter of The Utah Power & Light Company and the Provo Reservoir Company relative to awards of Class "A" water right, I think it best to withold decision for another week.

As I observe the Provo River,I am inclined to believe a relation exists at certain stages of flow that will partially overcome the amount of water below Olmstead Plant not awarded to defendant rights.

I am not sure of this at this time,however I will make as many observations as time will permit,and if I find this to be the case will forward daily sheets covering this phase of the matter.

My idea is that when when there is sufficient water to supply the full amount of the Class "A" rights there is an excess of "X" over the award to the defendants below the Olmstead tailrace,as the river receds the quantity of water to the Canyon rights recedes,so that at some stage all the water is available. The river is lowering and this fact can be determined.

This letter is intended only as suggestive,and a desire to have the Court fully advised of the physicial conditions existing.

Resp,

_____

Commissioner.

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Provo, Utah, Jan. 8, 1919.

Hon. C. W. Morse,
Special Judge Fourth District Court.

Salt Lake City, Utah.

Dear Sir:

Since the mailing of my letter of this a.m., I have been advised by the Clerk that Judge Morgan is ill with "Flu", and court has been adjourned to the 21 st. inst.

On account of the many exhibits Judge Morgan's ~~court room is~~ desirable, and in case it is desired to hear this cause during the adjournment it will be necessary to set for Jan. 16.

Mayor Dixon advises me all parties in the Court room not taking an active part will be required to wear masks.

Resp.

_____

Commissioner.

T. F. WENTZ
CIVIL AND IRRIGATION ENGINEER
PROVO, UTAH

PHONES:
148 R 1
318

Provo,Utah, May 17,1918.

IN THE DISTRICT COURT OF THE FOURTH JUDICIAL DISTRICT
OF THE STATE OF UTAH, IN AND FOR UTAH COUNTY.

Provo Reservoir Co. :

vs : No. 2888 Civil.

Provo City et al :

Provo Reservoir Company

Provo,Utah,

Provo Pressed Brick Co.

Provo,Utah.

Gentlemen;

You are advised that the Court will hold session Wednesday,May 22,1918,at 10 A.M. at the Court House in Provo City,Utah, for the purpose of hearing argument to decision of November 26,1917,relative to rights of Provo Reservoir Company and Provo Pressed Brick Company.

C.W.Morse
Presiding Judge
By L.T.Epperson
Clerk.

Recieved Copy.
Harvey Cluff
Atty.Provo Pressed Brick Co.
Alfred L.Booth of Counsel for Plaintiff.

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Harvey Cluff
Attorney and Counsellor at Law
Suite 1, Knight Block
Provo, Utah

May 14th, 1918.

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

Dear Sir,-

For and in behalf of the Provo Pressed Brick Co. I am requested to make formal protest to you that the said Company is not now receiving the quantity of water to which it is entitled under the Formal decission of the Court.

The said Company claim that for the last three or four days they have been receiving but about forty second feet, and the amount of water in Provo River is sufficient to entitle the said Company to much more water under the said decree. It is the belief of said Company that the water is being distributed to other persons who have an inferior right.

Will you kindly give this matter your careful attention and see to it that the said Company is given its rightful portion of the waters of Provo River. If not too much trouble, I would appreciate very much having you furnish me with figures showing the amount of water in said river during the last week, and just how it has been distributed, This ofcourse only applies to the water measured to Utah County.

Yours truly,

Harvey Cluff
Atty. for Pressed Brick Co.

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