PROVO CITY TOTAL.

OF

EAST UNION, FACTORY RACE,

CITY RACE & TANNER RACE.

(Exclusive Waterworks.)

1917. Date	Time	Disch.		1917. Date	Time	Disch.	
7-16		92.04		8-10	10a	66.09	
7-19	6-7a	78.06		8-10	12m	63.84	D.
7-19	11-12a	84.64		8-11	a	69.44	
7-20	6-7a	79.32		8-12	m	62.76	
7-23		76.99		8-13	9a	75.81	
7-25	1p	79.82		8-15		78.79	
7-26	3-4p	85.88		8-22	m	76.08	
7-27	6-7a	77.64		8-24	11-12a	75.47	
7-27	Appeal to Court.			8-26	11-12a	58.63	
				8-27	a	68.33	
7-28	6-7a	78.12		8-28	a	70.46	B.
7-29	6-7a	81.62		8-28	1-2p	71.81	
7-29	7-8p	89.27		8-29	1-2p	74.96	
7-30	9-10a	110.36		8-30	10-11a	67.11	T.
8-2	6-7a	101.70		8-31	6-7a	66.82	B.
8-3	10-12a	86.63		9-1	6-7a	67.71	B.
8-3	6-7p	86.63		9-3	9 40a	54.32	D.
8-4	5-6a	77.79	T.	9-4	10-11a	72.00	
8-4	6-8a	80.50		9-5	6-7a	69.77	B.
8-4	6-7p	67.76		9-8	3-4p	82.61	
8-5	9-10a	73.06		9-8	3-4p	82.61	
8-5	6-7p	69.29		9-9	8-10a	74.46	
8-6	10-11a	79.71		9-10	10-11a	78.89	
8-7	6-7a	70.02		9-12	9-10a	117.38	
8-7	2-3p	70.35		9-14	10-11a	93.71	
8-8	6-7a	65.29	S.	9-15	1-2p	89.53	
8-8	4p	65.18	S.	9-24	3-4p	103.97	
8-9	1-2p	71.66					

Average 77.5 second feet.

T. Reported by T.C.Thomptson; S reported by George Swan; D reported by Frank Dyson; B reported by Chas. D.Brown.

****

Discharge In Second Feet.

The Season 1917.

Provo Bench Canal & Irrigation Company.

Lower Station.

Compiled from Register Record.

Day	May	June	July	August	September	October.
1.		54.80	142.17	113.43	90.37	103.07
2		54.80	143.43	108.53	89.19	103.07
3		54.80	143.71	101.70	88.89	102.09
4		54.80	143.01	99.80	86.00	102.09
5		63.35	142.31	97.32	87.43	101.13
6		74.13	140.63	95.13	101.70	102.09
7		98.63	140.91	95.35	109.21	102.09
8		132.44	143.15	94.74	108.91	100.16
9		134.55	142.45	95.90	101.76	99.20
10		134.65	141.80	95.24	96.73	100.16
11		132.79	141.28	94.63	101.16	103.07
12		128.00	141.10	95.84	104.77	103.07
13		120.25	140.95	96.14	108.39	102.09
14		134.12	133.94	95.53	107.11	98.25
15		138.19*	127.91	95.77	106.84	102.09
16	130.70	144.22*	114.02	96.34	107.01	108.97
17	133.65	144.37*	109.89	96.85	107.01	108.97
18	132.67	144.52*	110.89	96.45	106.03	104.07
19	117.00	144.67*	110.91	96.05	106.03	78.69
20	137.57	144.82*	109.95	93.83	105.05	57.65
21	126.80	144.99*	112.91	92.53	105.05	57.65
22	109.16	151.13	109.99	93.00	107.01	58.33
23	110.12	150.43	113.88	91.13	113.87	58.33
24	108.20	148.75	104.99	89.35	119.75	55.65
25	106.30	146.09	101.05	90.00*	119.75	
26	66.65	145.39	104.89	90.37	119.75	
27	66.65	147.63	114.61	90.37	119.75	
28	89.36	140.07	112.55	96.65	119.75	
29	59.56	138.39	123.33	99.43	115.83	
30	54.80	139.65	133.13	94.83	109.95	
31	54.80		115.39	93.93		
Mean.		122.84	126.16	96.01	105.67	

Of the above amounts the Provo Reservoir Company diverted to its use the following:

During highwater to July 8th, 18.00 second feet.
July 8th to July 23, 15.00 second feet.
July 23 to end of season 12.00 second feet.

Provo Bench Canal & Irrigation Co.

Canal.

Lower Station.

L917.

Date	Time	G.H.	Disch.
5-15 Canal and Flume cleaned,register cleaned and oiled, turned water in at 10a.m. register started at 1110a.m. OK.			
5-15	11,10a	2.02	119.00
5-23	9,00a	1.93	110.
6-6	7,40a	1.50	74.13
6-6	2.30p	1.50	74.13
6-13	11.25a	1.94	111.
6-13 Instaled new gage.			
6-15	11,00a	2.28	146.
6-21	4.30p	2.34	152.83
6-27	3.44p	2.35	149.60
7-7	10.07a	2.31	138.
7-8	9-42a	2.40	146.20
7-8	10-30a	2.37	141.28
7-11	9-42a	2.37	141.28
7-14	8.08p	2.19	123.15
7-16	7 20a	2.21	124.80
7-16 at 8,15p, C.G.Johnson reports x canal low, with JOS.Frampton go to head and find West gate has fallen to bottom, we raise clear of water.			
7-18	9,38a	2.07	112.85
7-18 raised to approx.			115.
7-19	4 30p	207	112.85
7-19	8 44a	2.03	107.
7-22	5 11p	1.88	98.36
7-22	6 07p raised 0.10 at head.		
7-23	7 30a	2.03	113.88

1917

Date	Time	G.H.	Disch.
7-24	8 10a	1.86	
7-24	9 00a cut 0.15 at head.		
7-25	5 00a	1.90	101.05
7-26	1 00p	1.90	102.
8-1	1 30p	2.08	118.30
8-3	7 36a	1.93	103.60
8-5	8 35a	1.88	98.85
8-6	7 20a	1.85	96.05
8-8	4 14p	1.84	95.65
8-9	10 27a	1.85	96.05
8-13	8 15a	1.84	97.
8-15	8 20a	1.83	96.68
8-21	3 27p	1.91	92.50
8-22	8 05a	1.83	93.90
8-26 cut 5 s.f.			
8-28	8 17a	1.81	93.90
8-28 raised .05 at head.			
8-29	8 25a	1.88	100.37
8-29	5.10p cut 3 s.f.		
9-5	5 00p	1.76	88.30
9-5	6 05p raised o.10 at head.		
9-10	8 17a	1.85	97.40
9-12 raised.			
9-15	8 00a	1.99	106.84
9-24	2-20p	2.12	119.75
10-31 took off record.			
8-25 cleaned.			

Observations by Joseph Frampton:

6-9	10 55a	2.20	137.49
6-12	11 30a	2.20	137.79
6-15	11 00a	2.28	146.03
6-17	4 10p	2.24	142.41
6-21	4 30p	2.34	152.83
6-22	11 39a	2.30	148.19
6-24	2 55p	2.30	146.79
6-25	9 57a	2.30	146.09
6-30	12 06p	2.28	140.63
7-3	12 38p	2.33	142.73
7-6	4 31p	2.34	141.61
7-7	10-07a	2.31	138.
7-8	10 30a	2.37	143.15
7-10	10 17a	2.38	142.83
7-12	2 40p	2.37	141.10
7-16	7 20a	2.21	124.80
7-26	10 56a	1.92	102.96
8-8	4 40p	1.83	94.74
8-19	12 45p	1.85	96.97
8-30	1 50p	1.83	95.74
9-7	4 06p	2.04	114.11

Upper Station.

6-7	9 50a	1.82
6-7 Station repaired.		
6-13	9 50a	1.75
6-13 Instaled new gage.		
6-15	9 03a	1.94
6-15 with Jos. Frampton,raised;		
6-15	9 55a	2.00
6-21	3 48p	2.05
6-27	4 55p	2.05
6-27 followed lower bank of canal find in good shape and safe.		
6-30	11 02a	2.00
7-7	11 25a	2.00
7-7 raised by Jos. Frampton.		
7-7	11 40a	2.04
7-8	11 55a	2.06
7-31	11 20a	1.92

Observations by Joseph Frampton.

6-7	9 50a	1.82
6-9	9 55a	1.90
6-12	11 05a	1.95
6-14	6 22p	1.94
6-15	9 03a	1.94
6-15	9 55a	2.00
6-17	~~2x48p~~ 3 20p	1.98
6-21	3 48p	2.05
6-22	9 31a	2.02
6-24	2 12p	2.02
6-26	11 25a	2.04
6-27	3 18p	1.98
6-30	10 53a	2.00
7-1	11 52a	2.02
7-3	12 13p	2.03
7-6	3 35p	2.04

Plaintiffs Exhibit 11a
Case No. 5726 Civil
Court Clerk

Provo Bench Canal & Irrigation Co.

Canal.

Upper Station.

Observations by Joseph Frampton. (Concluded)

1917.

date	Time	G.H.	Disch.
7-7	11 25a	2.00	
7-7	11 30a	Raised.	
7-7	11 40a	2.04	
7-8	11 55a	2.06	
7-10	9 30a	2.05	
7-12	2 05p	2.04	
7-17	11 50a	1.78	
7-22	12 30p	1.82	
7-26	1 27p	1.68	

1917.

Date	Time	G.H.	Disch.
8-8	3 50p	1.62	
8-19	11 45a	1.66	
8-30	1 30p	1.60	
9-7	3 15p	1.80	

Plaintiffs Exhibit 11 b
Case No. 5726 Civil
E.B.D. Court Clerk

****

West Union Canal.

1917

Date	Time	G.H.	Disch.
5-23	9 15a	est	30.
5-23	Weir board out.		
6-14	Repaired weir, put in weir, and instaled new gage.		
6-14	10 10a	1.10	53.04
6-15	10 10a	1.10	53.04
6-21	8 19a	1.14	56.04
7-7	11 18a	1.17	58.44
7-11	10 50a	1.04	48.48
7-14	10 30a	1.00	45.36
7-14	8 18p	.92	39.48
7-15	8 30a	.90	38.16
7-16	8 00a	.91	38.82
7-18	9 52 a	.82	32.82
7-18	raised to approx 40.		
7-19	4 48a	.84	34.08
7-19	9 00a	.86	35.52
7-23	8 10a	.80	31.50
7-26	1 12p	.80	31.50
8-3	7 52a	.84	34.08

1917.

Date	Time	G.H.	Disch.
8-5	8 58a	79	30.84
8-6	8 07a	78	30.18
8-9	10 42a	82	32.82
8-12	8-29a	83	33.48
8-15	9 05a	84	34.56
8-21	3 15p	82	32.82
8-22	8 48a	85	34.92
8-26	2 31p	80	31.50
8-26	Cut 3. sec.ft.		
8-28	8 36a	79	30.84
8-29	9 11a	80	31.50
8-29	5 05p raised 3.sec.ft.		
9-10	8 31a	80	31.50
9-12	Break in canal part of water returned to river.		
9-15	8 47a	77	29.64
9-24	2 31p	86	33.48

****

Park & Nuttal Ditch.

1917.

Date	Time	G.H.	Disch.
5-23	9 17a	est	4.00*
6-21	8 20a	est	5.00* Weir
7-7	11 20a	est	4.00* Out.
7-11	10 52a	est	4.00*
7-16	8 03 a	45	3.24
7-19	9 03 a	35	2.20
7-23	8 12a	36	2.28
7-26	1 14p	46	3.36
8-3	7 54a	37	2.40
8-6	8 09a	40	2.70
8-9	10 42a	40	2.70
8-12	8 31a	40	2.70
8-15	9 07a	42	2.88
8-22	8 50a	40	2.70
8- 29	9 13a	32	1.93
9 10	8 34a	36	2.31
9-15	8 39a	38	2.51

Barton & Young Ditch.

1917.

Date	Time	G.H.	Disch.
7-7	12 02p	est	1.50
7-16	8 50a		0.75
7-19	9 21a		2.25
7-23	8 50a		1.25
7-26	1 35p	est	1.25
8-3	8 22a	est	0.50
8-6	8 56a	55	1.65
8-9			1.65
8-12	8 44a	55	1.65
8-15	9 56a	55	1.65
8-22	9 45a	55	1.65
8-29	10 09a	est	0.50
9-10	8 54a	est	1.00
9-15	9 47a	est	1.00

Weir Board out all of season.

4

PROVO RESERVOIR COMPANY CANAL.

14 Foot Rating Flume.

1917. Date	Time	G.H.	Disch.
5-23	9 45a	220	
6-6	4 10p	207	105.20
6-14	11 15a	240	
6-21	8 40a	248	136.65
6-21	8 40a	45	1.92 (Lat.#1)
6-21	Total		138.57
6-27	5 30p	254	
6-27	Lat#1		5.00
6-30	11 01a	250	
7-7	11 58a	247	
7-7	Lat #1		00
7-11	11 12a	258	
7-14	8 28p	248	
7-15	cut to	215	
7-16	8 18a	228	117.81
716	8 19a	Lat#1	.19
7-16	Total		118.00
7-17	I Authorize to raise to		
		235	125.00
7-17	3 00p	238	
7-18	11 19a	239	
7-19	9 16a	226	116.50
7-21	2 45p	cut to	85.00
7-22	6 15p	195	
7-23	8 24 a	193	88.16
7-26	1 25p	197	90.00
7-31	I request them to fill canal to capacity.		
8-1	8 27a	240	
8-1	8 28a	58	(Lat#1)
8-3	8 06a	238	128.50
8-3	Lat#1		00
8-6	8 24a	228	118.67
8-6	I have McEwan Cut to G.H. 218.		
8-7	I phone Jacobs to cut to G.H. 208.		
8-9	10 55a	210	101.50
8-10	1 21p	207	
8-10	I have Mr. Healy cut to G.H. 2.00		
8-11	5 16p	201	
8-12	8 40a	205	
8-15	9 22a	200	98.44
8-15	Lat#1	65	3.26
8-15	Total		101.20

1917. Date	Time	G.H.	Disch.
8-21	3 09p	202	
8-22	9 10a	206	100.96
8-26	Cut 5.00 sec.ft.		
8-28	8 45a	204	
8-28	9-31a raised 10 sec.ft.		
8-29	9 30a	218	109.61
8-29	2 40p ordered raised to		
		225	115.
9-3	6 30p	228	
9-3	Cut 10. sec.ft.		
9-4	6 00a cut 10 rounds.		
9-4	3 35p	215	
9-10	8 47a	230	122.00
9-10	8 48a	Lat#1	3.50
9-10	Total		125.50
9-12	2 02p	233	
9-12	2 03p	68	(Lat #L.)
9-15	9 05a	236	123.07
9-15	Lat #1		00
9-24	2 39p	230	
9-24	Lat #1		00
8-25	Cleaned.		

Note: The water of the Sego Irrigation Company is included in the canal of the Provo Reservoir Company. In addition to the above the Provo Reservoir Company diverted to its use through the Provo Bench Canal during highwater to July 8th 18.00 second feet, July 8th to July 23 15.00 second feet, July 23 to end of season 12.00 second feet.

****

Plaintiffs Exhibit 11e
Case No. 5726 Civil
Clerk, Court Clerk

5

UPPER EAST UNION IRRIGATION COMPANY.

Discharge in second feet as compiled from Register record.

The Season of 1917.

Day	June	July	August	Sept.	October.
1	.....	.....	19.40	17.60	16.40
2	.....	.....	23.10	17.60	18.70
3	.....	.....	20.10	17.60	18.70
4	.....	.....	19.05	18.70	18.70
5	.....	.....	20.45	18.70	18.70
6	.....	.....	14.00	17.20	18.70
7	.....	.....	18.35	16.80	18.70
8	.....	26.30	15.60	16.40	17.20
9	.....	28.70	14.40	16.80	14.40
10	.....	27.10	15.60	18.35	17.60
11	.....	28.30	15.60	19.05	18.35
12	.....	29.50	16.80	19.05	19.40
13	.....	27.10	18.00	19.05	19.75
14	.....	25.20	16.40	19.05	18.00
15	.....	24.50	16.40	18.00	18.00
16	.....	24.10	16.80	16.80	19.40
17	.....	23.00	18.00	18.35	16.40
18	.....	19.70	18.00	19.05	.....
19	24.30	17.90	18.35	19.40	.....
20	21.15	16.70	19.75	17.60	.....
21	21.50	15.70	16.80	16.40	.....
22	23.90	19.00	16.00	18.35	.....
23	25.10	19.70	16.00	18.70	.....
24	25.50	19.00	16.40	19.05	.....
25	25.10	20.00	18.00	19.05	.....
26	25.10	18.50	19.40	19.05	.....
27	.....	16.40	19.05	18.70	.....
28	.....	18.50	19.75	18.35	.....
29	.....	19.00	19.05	18.70	.....
30	.....	10.00	18.00	18.00	.....
31	.....	12.40	18.35	.....	.....

Timpanogus Canal Company Canal.

7 Foot Rating Flume.

1917. Date	Time	G.H.	Disch.
6-21	10 00a	112	21.29
6-21	Instaled Gage & Repaired Flume.		
7-7	1 05p	136	
7-16	9 40a	123	22.57
7-19	Cut 0.10 at head.		
7-19	9 49a	115	21.50
7-21	Putting in dam.		
7-22	9 50a	108	
7-23	9 16a	100	16.87
7-26	2 12p	102	17.10
8-3	9-12a	112	
8-6	9 27a	110	19.11

1917. Date	Time	G.H.	Disch.
8-9	11 36a	106	18.20
8-15	10 27a	106	18.20
8-22	10 18a	108	17.83
8-29	10 58a	99	14.27
8-29	4 55p raised 0.10 at head.		
9-10	9 19a	104	15.50
9-15	10 26a	104	14.97
9-24	3 07p	106	

****

East River Bottoms Water Company.

Total of c,d,e,f,g,h,i,j,k,l,m,n,o,p, & h2.

1917. Date	Time	Disch.
7-16	a.m.	29.39
7-19	a.m.	22.74
7-23		13.24
7-26		16.49
7-28	Made out schedules.	
8-3	a m.	15.00
8-6	a.m.	10.00
8-9	m.	12.00
8-15	a.m.	15.00
8-22	a.m.	20.23
8-29	a.m.	25.89
9-10		19.24
9-15		14.09

Note: For details and discharge in each diversion see original sheets.

****

Upper East Union And Faucett Field.

1' x 8' Suppressed Weir.

1917. Date	Time	G.H.	Disch.
6-21	10 40a	90	25.44
7-7	Weir Out.		
7-14	I call Thad Cluff and tell him his company should help put in dam at mouth canyon.		
7-14	9 25a cut.		
7-15	Cut.		
7-15	12 51p	1.00	30.24
7-16	9 57a	84	24.72
7-16	2 s.f. leakage around weir.		
7-17	Thad Cluff reports trouble with Faucett Field.		
7-17	2 45p raised.		
7-18	10 07 a cut o.10 at head.		
7-19	cut o.10 at head.		
7-19	5 35a	75	19.00 21.00
7-19	2 sf. leakage.		

1917 Date	Time	G.H	Disch.
7-19	9 52a	72	19.60
7-22	9 48a	60	13.40
7-23	9 40a	75	19.00
7-26	2 08p	78	22.20
8-1		95	27.76
8-3	9 08a	80	21.00
8-5	cut 0.10 at head.		
8-5	9 23a	80	21.00
8-6	9 21a	63	14.40
8-6	6 39p	63	14.40
8-6	6 55p raised 0.08 at head.		
8-9	11 39a	70	17.04
8-15	10 23a	69	16.60
8-21	3 00p	cut o.05 at head.	
8-22	10 34a	70	17.04
8-23	Thad Cluff asks for more water on account of Faucett Field.		
8-23	12 48p	70	17.04
8-23	1 10p raised 2.sec.ft.		
8-24	8 58a	72	17.72

Upper East Union & Faucett Field.

(Concluded)

1917

Date	Time	G.H.	Disch.
8-24	9 40a	Raised.	
8-24	10 10a	76	19.32
8-25	7 40p	raised.	
8-28	10 38a	80	21.00
8-29	10 33a	78	20.12
9-10	9 16a	73	18.16
9-15	10 44a	74	18.56
9-24	3 03p	75	19.00

****

Upper East Union Canal.

Eight foot rating flume with Register.

1917.

Date	Time	G.H.	Disch.
6-13	Repaired flume and instaled new gage.		
6-13	2 41p	90	14.20
6-18	9 50a	110	21.97
6-18	Started register "OK"		
6-21	11 00a	108	20.80
6-28	Register not running		
6-28	8 00p	132	29.00
6-28	removed register for repairs.		
7-7	2 45p	114	23.
7-7	Reset register.		
7-16	11 11a	118	24.11
7-30	9 10a	48	2.00
8-6	6 20p	90	14.20
8-9	12 15p	92	14.82

1917.

Date	Time	G.H.	Disch.
8-23	12 33p	90	14.20
8-24	10 25a	96	16.40
8-24	Took off record.		
8-28	11 33a	100	17.63
8-28	12.02	142	17.69(Old Station)
8-29	12 12p	102	18.60
9-10	9 58a	100	17.63
9-15	11 53a	96	16.40
9-24	3 22p	104	19.40
10-31	Took off Record.		

****

Alfred Young Ditch.

1917.

Date	Time	G.H.	Disch.
7-16	11 48a	58	2.57
7-19	10 36a		2.50
7-23	10-47a	75	4.25
7-26	2 42p	58	2.57
7-28	Made schedule.		
8-3	10 16a	est	0.50
8-3	Made Individual schedule.		
8-6	10 35a	est	0.50
8-9	1 02p	75	4.25
8-10	9 05a	75	4.25
8-10	10 00a	cut to	00
8-15	11 04a	75	4.25
8-22	11 37a	75	4.25
8-24	10 50a		00
8-26			00
8-28	12 30p		00
8-29	12 26p		00
9-4	7 40a	est	4.00
9-4	7 40a	cut to	00
9-10	10 10a	est	4.00
9-15	12 08p	40	.74

George Baum Ditch.

1917

Date	Time	G.H.	Disch.
7-16	11 51a	65	3.78
7-19	10 38a	30	1.15
7-22	Turned off 5.00sec.ft. to 00		
7-23	10 48a		00
7-26	2 44p	20	0.62
7-28	Made Schedule.		
8-3	10 17a		00
8-3	Made Individual schedule.		
8-6	10 36a	est	0.25
8-9	1 01p	est	3.00 Weir Broke.
8-9	Off schedule I close and lock with personal lock.		
8-15	11 04a		00
8-22	11 39a	est	2.50
8-24	10 50a		00
8-26			00
8-28	12 30p		00
8-29	12 26p		00
9-10	10 11a		00
9-15	12 10p	70	1.68

Little Dry Creek.

1917.

Date	Time	G.H.	Disch.
6-21	Instaled New Gage.		
7-16	3 11p	78	10.96
7-19		58	7.00
7-23	12 12p	60	6.42
7-23	2 25p	Raised 2.50 s.f.	
7-26	4.10p	60	6.42
8-6	11 56a	60	6.47
8-9	2 26p	60	6.47
8-15	1 00p	est	6.40
8-22	1.50p	70	8.86
8-29	2 05p	70	8.86
9-15	1 45p	50	3.56

Fort Field Canal.

1917.

Date	Time	G.H.	Disch.
7-16	3.47p	95	3.62
7-23	1 00p	90	3.50
7-23	raised 2.5 s.f.		
7-26	4 25p	75	3.00
8-6	12.48p	108	4.54
8-22	2 25p	120	4.77
9-15	2 15p		0.00

****

Lake Bottom Canal.

1917.

Date	Time	G.H.	Disch.
7-16	4 28p	90	10.85
8-6	1 19p	95	5.61
8-22	2 58p	120	8.87
9-15	3 15p	110	4.50

Total Diverted by Lake Bottom Canal, and Spring Creek users viz. George Taylor Ditch, Ashted Taylor Ditch, Partridge Ditch, Steve Jones Ditch, Roy Brown Ditch, Clyde Ditch, Tanner Farm Ditches, and Clyde-Davis Ditch.

1917.

Date	Disch.
7-16	21.49
8-6	13.44
8-22	13.59
9-15	6.95

****

River Below Fort Field Dam.

1917.

Date	Time	G.H.	Disch.
7-13	8 00p	est	20.00
7-16	4 00p		4.00
7-23	1 00p		0.00
7-26	4 30p		0.00
8-6	1 05p		7.00
8-22	2.35p	est	5.50
9-15	2 30p		28.80

****

SUMMARY OF UTAH VALLEY.

1917 Date	Total Diverted.	Going to Lake	Total in Utah Valley	Total at U.S.G.S.Station	Inflow.
7-16	515.26	4.00	519.26	416.	103.26
7-19	468.71*	4.00	472.71*	364	108.71*
7-23	418.62*	0.00	418.62*	306	112.62*
7-26	417.82*	0.00	417.82*	320	97.82*
8-6	404.67	7.00	411.67	322	89.67
8-9	~~394.32*~~		394.32*	320	74.32*
8-15			400.29*	320	80.29*
8-22	404.28	5.50	409.78	305	104.78
8-29			419.87*	320	99.87*
9-15	423.64	28.80	452.44	367	85.44

* Approximate.

****

Midway Irrigation Company.

Total Water from Snake Creek Watershed.

1917. Date	Time	Disch.
6-7	p.m.	86.65
6-30	p.m.	46.30
9-29		37.17

Midway Irrigation Company.

River Ditch.

1917. Date	Time	G.H.	Disch.
6-7	5 00p	est	35.00
6-20	10 50a	est	30.00
7-20	2 30p	65	14.11
7-24	6 58p	82	20.00
7-25	5 25p	65	14.11
8-7	6 49p	100	26.93
8-10	5 44p	92	23.76
8-11	9 33a	82	20.00
8-11	cut to		10.50
8-21	8 10a		8.50
8-26	4 59p		8.50
9-5	10.11a	49	9.12
9-13	9 32a	42	7.26

****

Wasatch Canal.

1917. Date	Time	G.H.	Disch.
6-8	8 21a	1.25	94.12
6-20	9 45a	125	94.12
6-20	Instaled New Gage.		
6-20	10 00a	135	
7-1	12 50p	130	
7-9	2 41p	128	
7-9	Raised.		
7-9	4 00p	136	107.80
7-20	1 31p	92	58.22
7-20	Raised.		
7-20	3 54p	100	68.04
7-21	6 30a	98	65.70
7-21	10-32a	98	65.70
7-21	10 48a	103	71.46
7-21	7 12p	100	68.04
7-24	Adjusted to		73.00
7-25	5 44p	108	77.04
7-25	Adjusted to		73.33
8-7	6 22p	104	72.72
8-8	9 44a	107	75.96
8-10	6 10p	90	57.24
8-21	8 30a	103	71.46

1917 Date	Time	G.H.	Disch.
8-21	9 57a	100	68.04
8-26	5 12p	94	61.29
8-27	6 10a	90	57.24
8-27	9 12a	97	64.62
8-27	2 05p	94	61.29
8-29	10 03p	94	61.29
9-1	2 41p	88	55.26
9-1	5 47p	84	51.12
9-2	9 01a	86	53.28
9-5	8 15a	90	57.24
9-13	9 51a	88	55.26
Following observed by E.Knight.			
7-23	12 36p	118	89.10
7-24	5 08a	108	77.04
8-1	3 23p	108	77.04
8-2	10 04a	100	68.04
8-8	12 46p	100	68.04
8-15	5 11a	96	63.72
8-16	10 53a	102	70.02

****

North Field Canal.

1917. Date	Time	G.H.	Disch.
6-8	8 25a	140	78.68
6-20	9 30a	140	78.68
6-20	Instaled New Gage.		
7-1	12 52p	144	
7-9	2 42p	141	
7-9	Raised.		
7-9	4 05p	152	74.35
7-20	1 32p	92	46.70
7-20	3 56p	92	46.70
7-21	6 32a	90	46.05
7-21	10 34a	90	46.05
7-21	10-46a	84	41.40 AD.
7-24	7 14p	80	38.25
7-24	Adjusted to		39 00
7-25	5 46p	88	44.47
7-25	Adjusted to		39.00
8-7	6 24p	50	18.52
8-8	9 46a	54	20.77
8-10	6 12p	41	13.65

1917. Date	Time	G.H.	Disch.
8-21	8 31a	56	21.90
8-21	9 59a	50	18.53
8-26	5 14p	76	30.10
8-27	6 12a	73	34.05
8-27	9 14a	80	39.37
8-27	2 06p	76	30.10
8-29	10 04a	76	30.10
9-1	2 43p	70	31.05
9-1	5 49p	60	24.38
9-2	9 03a	60	24.38
9-5	8 17a	64	27.22
9-13	9 53a	60	24.38
Following observed by E.Knight.			
7-23	12 37p	94	49.35
7-24	5 09p	80	38.25
7-25	11 52a	92	47.40
8-1	3 24p	66	28.35
8-2	10 05a	64	27.22
8-8	2 47p	48	17.40

Provo Reservoir Weir

Near Wasatch Dam.

1917.

Date	Time	G.H.	Disch.
7-24	pm.	est	25.00
7-24 reduced to			10.00
8-11 Put in weir board.			
8-11	11 30a	84	24.84
8-21	9 37a	95	30.15
8-26	5 30p		0.00
8-26 raised		70	18.63
8-27	6 16a	83	24.30
8-27	9 29a	85	25.11
8-27	9 47a	102	33.84 Ad.
9-1	4 30p	96	30.60
9-1 Raised	525p	106	36.18
9-2	9 13a	106	36.18
9-5	8 39a	115	41.04
9-5 Ad.	9 21a	126	47.47
9-13	10 16a	130	49.73
Following observed by Earnest Knight.			
7-23	12 28p		0.00
8-1	3 02p		10.00
8-15	5 06p	97	28.08
8-16	11 14a	98	31.68

Upper Midway Dam

Discharge below Dam.

1917.

Date	Time	Discharge	Estimated.
7-15 Dam put in.			
7-20	3 00p	12.00	
7-20 Instructed to tighten dam.			
7-24	p.m.	10.00	
7-25 Closed dry.			
7-25	5 35p	0.00	
8-7	6 45p	4.00	
8-7 Turned to Provo Reservoir Co passed dam 12.sec.ft. Tunnel Wat.			
8-10	5 50p	12.00	
8-21	8 05a	3.00	
8-21 Increased.			
8-26		3.00	

For record balance of year deduct from amount through Provo Reservoir weir the quantity to Midway Irrig. Co through River Ditch.

****

Timpanogus Irrigation Company.

1917

Date	Time	G H?	Disch.
6-8	8 38a	204	
6-20	8 40a	126	17.52
6-20 Instaled New Gage.			
7-9	4 30p	229	55.75
7-12	8 50a	222	
7-12 Raised to 241			
7-12	9 47a	241	61.98
7-12	10 15a	242	62.72
7-12 cut to		235	
7-12	10 54a	235	59.36
7-12 Followed canal along bank.			
7-12 Lat#1,2	20p		4.52
7-12 " 2&3,3	12p		8.45
7-12 " 4,	3 57p		3.93
7-12 " 5,	4 25p		4.03
7-12 " 6,	4 55p		4.45
7-12 " 7,	5 15p		2.69
7-12 " 8,	5 58p		3.25
7-12 " 9,	6 17p		4.47
7-12 " 10,			5.70
7-12 "11&12,			7.90
Total Laterals			49.39
7-12 Grosss			59.36
7-12 Net			49.39
7-12 Loss			9.97

1917.

Date	Time	G.H.	Disch.
7-20	1 45p		57.00
7-21	6 38a		56.40
7-24 Report one-half water turned off by Wilford VanWagenen, turned on by themselves.			
7-24	7 19p	222	54.00
7-24 Raised to			58.33
7-25	5 51p	218	53.30
7-25 Raised to			58.33
8-7	6 30p	222	54.00
8-8 same gate			54.00
8-10	6 20p	200	46.00
8-20 cut to approx.			25.00
8-21	8 40a	148	23.00 approx.
8-21	9 15a cut to 0.00		
Following observed by E.Knight.			
7-23	1 08p	228	57.75
7-24	5 23p	220	53.30
7-25	11 40a	224	55.60
8-1	5 40p	224	55.50
8-2	9 55a	228	57.75
8-8	12 56p	204	50.25
8-15	5 20p	194	47.50
8-16	11 02a	2.00	49.00

Ontario Drain Tunnel.

Measured in flume near mouth of Tunnel.

Sept. 2, 11 10a.m., G.H. 1.60, Discharge 18.74 second feet.

****

Joseph S.Brown Well, near Charleston.

1917. Date.	Time	Depth to Water Surface.
5-11	5 05p	22.00 feet.
6-7	1 45p	10.3
6-20	2 50p	6.7
6-30	3 05p	5.2
8-11	2 31p	8.25
9-12	5 37p	13.2
7-9	11 00a	5.4

****

Sagebrush & Spring Creek Canal.

1917. Date	Time	G.H.	Disch.
6-7	6 09p	148	
6-20	Instaled new gage.		
6-20	1 45p	188	45.63
6-30	6 30p	175	
7-9	11 45a	158	35.74
8-21	11 31a	152	
9-13	8 20a	145	

Charleston Irrigation Company

Lower Canal.

1917. Date	Time	G.H.	Disch.
6-7	12 30p		00
6-20	3 08p	128	29.23
6-30	2 56p	128	29.23
7-9	10 35a	110	17.03
9-12	5 29p	110	

****

Charleston Irrigation Company

Upper Canal.

1917. Date	Time	G.H.	Disch.
6-7	5 55p	79	
6-20	11 45a	114	47.75
6-20	Instaled new gage.		
7-9	12 20p	144	34.29
8-21	11 15a	76	
9-13	8 37a	90	

Sunrise Canal.

1917. Date	Time	G.H.	Disch.
7-2	12 52p	108	8.92
7-9	3 52p	102	8.37
7-13	1 45p	115	9.36
7-17	1 27p	116	9.39
7-21	2 58p	106	8.51
7-24	8 32a	108	8.82
7-27	1 26p	108	8.92
7-30	11 40a	112	9.16
8-7	4 06p	106	8.57
8-13	11 30a	96	7.79
8-30	5 10p	70	5.50

****

South Kamas Irrigation Co. Canal.

1917. Date	Time	G.H.	Disch.
6-8	11 24a	55	
7-2	11 10a	150	36.60
7-8	9 58a	170	
7-9	11 50a	158	39.19
7-13	10 24a	158	39.19
7-17	11 04a	156	38.68
7-21	11 03a	158	39.19
7-24	10 02a	140	32.50
7-27	10 35a	140	32.50
7-30	11 40a	148	35.60
8-1	3 02p	106	20.42
8-13	12 15p	108	21.
8-13	Raised to		32.50
8-30	5 48p	94	18.00

Washington Irrigation Co. Canal.

1917. Date	Time	G.H.	Disch.
6-8	11 33a	90	
7-2	10 22a	148	25.00
7-8	10 15a	162	
7-9	10 59a	156	27.85
7-13	10 07a	156	27.85
7-19	10 30a	164	31.11
7-21	10 03a	158	28.20
7-24	9 50a	140	23.00
7-27	10 05a	142	24.00
7-30	1 00p	150	25.50
8-7	2 50p	72	7.96
8-13	1 24p	72	7.96
8-13	Raised to		23.00
8-30	6 06p	104	12.00