C R 1940

OBSERVATION WELLS
ON PROVO RIVER

- - - - - - - - - - -

1 H.R.Simmons
2 John E.Wright
3 David E.Wright
4 Elmer Edwards
5 Laurence Edwards

6 Brown
7 Cummings
8 Charles E.Webster
9 Wm Richins
10 Ernest Simmons

11 Wm Simmons
12 George Carlile Est.
13 Wallace Nelson
14 Ed Webb
15 Casper

16 Joseph Widdison
17 Stephen Simmons
18 Clifford Richie
19 Durtschi
20 Tate

21 Charleston Town
22 Bethers
23 L.J.Howe
24 Richardson
25 Jack Watson

26-1 McDonald 1
26-2 McDonald 2
26-3 Hyrum Christensen
26-4 Johnson
27 Baird

28 Padfield
29 Lillian Mc Neil
30 A.D.Prescott
31 Amos Prescott
32 W.H.Davis

33-1 Harry Morris
33-2 Harry Morris
34 Lee Brothers
35 R.Montgomery
36 Conrad Olsen

37 Robert Brierly
38 Phillip Smith
39 Frank Witt
40 J.W.Allison
41 Joseph Anderson

42 G.M.Pace
43 London
44 Chase Crook
45 F.A.Burr
46 Hart Carlile

47 Otto Olsen
48 Jordan Brothers.

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Daily Records:
Brown Well
Carlile Well

cc. Stat Engr.
U.S.G.S.
USRS.
E. G Thorum
I. F. Baum.

1. SIMMONS, H.R., South end Main Street Charleston; West side of street; south of brick dwelling; near east quarter corner section 22, T 3 S, R 4 E, SLM

MP N side on 6 x 6 timber collar, elevation 5413.66. LS 5413.21

Nov	20,1939	12.38	Jly	1,1940	12.10
	30	12.85		13	12.88
Jan	1,1940	13.58	Aug	1	13.36
	29	13.58		21	13.78
Feb	29	12.72	Sep	2	13.82
				21	14.79
Mar	23	13.79		30	14.24
	30	14.30	Oct	16	12.38
Apl	19	14.18		31	12.60
	28	12.45	Nov	30	12.10
May	13	11.17			
	28	11.76			
Jun	6	11.08			
	20	11.62			

2. WRIGHT, JOHN E., East side of Main Street thru Charleston, South of RR Track; NW Frame dwelling; on west side of NW quarter section 23, T 4 S, R 4 E, SLM

MP Top of collar red sandstone, S E corner well, Elevation 5425.00, LS 5425.00.

Nov	20,1939	18.64	Jly	1,1940	19.36
	30	20.60		13	20.18
Jan	1,1940	21.12	Aug	1	21.15
	29	23.24		21	22.40
Feb	29	21.82	Sep	2	21.85
Mar	23	21.82		21	21.88
	30	20.44		30	21.34
Apl	19	21.78	Oct	16	20.41
	28	19.35		31	21.24
May	13	18.22	Nov	30	18.00
	28	16.20			
Jun	6	19.03			
	20	18.35			

3. WRIGHT, DAVID E?, East side of Main Street thru Charleston, S W corner of Block _____; S W corner of 4th block north of Main corner charleston, sections 14-15-22-23; on west side of S W qyarter section 14, T 4 S, R 4 E, SLM; S E of dwelling.

MP South side of well concrete collar, top iron rod, elevation 5432.15. (615772)

Nov	20,1939	21.50	Jun	20,1940	16.35
	30	22.24	Jly	1	19.00
Jan	1,1940	23.84		13	22.38
	29	24.80	Aug	1	24.46
Feb	29	24.84		21	25.55
Mar	23	21.45	Sep	21	26.09
	30	23.96		30	22.04
Apl	19	24.30	Oct	16	22.95
	28	20.40		31	24.60
May	13	20.14	Nov	30	20.22
	28	16.12			

4. EDWARDS, ELMER, East side of road Charleston-Midway; first hiuse south of river; east of x dwelling; in S W corner of N W quarter section 14, T 4 S, R 4 E, SLM

MP Top pump platform cover over well, elevation 5426.67. LS 5425.9 (C11250)

Nov 20,1939	14.80	Jun 20,1940	11.38
30	14.75	Jly 1	12.48
Jan 1,1940	15.50	13	13.48
29	15.75	Aug 1	13.98
Feb 29	16.24	21	14.60
Mar 23	17.03	Sep 2	14.85
30	14.34	21	15.30
Apl 19	15.58	30	15.03
28	14.90	Oct 16	15.08
May 13	12.80	31	14.33
28	11.20	Nov 30	12.30

5. EDWARDS, LAURENCE; South side of road, by S E corner dwelling; near N E corner of N W quarter of N W quarter section 14, T 4 S, R 4 E, SLM.

MP S E corner well concrete walk around well, Elevation 5438.69. LS 5438.0.

Nov 20,1939	13.08	Jly 1,1940	11.45
30	14.16	13	13.00
Jan 1,1940	15.20	Aug 1	14.85
29	16.00	21	14.60
Feb 29	16.50	Sep 2	13.70
Mar 30	14.44	21	15.14
Apl 19	15.68	30	15.10
28	14.25	Oct 16	14.44
May 13	11.58	31	14.97
28	9.28	Nov 30	14.74
Jun 20	10.10		

6. BROWN; Heretofore described in detail; Observation since 1915; Recorder operated since Nov 17,1937; Co-operative, USRS, USGS, and Provo River Water Commissioner; N W corner of NE quarter section 14, T 4 S, R 4 E, SLM.

MP Top of well curbing elevation 5460.30
Old Datum prior to Nov 17,1937 5457.30; LS 5457.30
Recorder record years ending Sept 30, 1938 and 1939 included in 1939 Commissioners Report.

Jan 19,1940	21.16	Jun 20,1940	14.83
29	21.84	Jly 1	17.00
Feb 25	22.54	Aug 1	19.40
29	22.54	Sep 2	20.54
Mar 30	21.05	18	20.73
Apl 15	20.85	30	20.80
28	17.54	Oct 31	20.80
May 28	11.71		

7. CUMMINGS; _____ feet south of Brown Well in the adjoining lot; SE of frame dwelling. NW corner of NE quarter section 14, T 4 S, R 4 E, SLM.

MP top of one inch curb west side, about four feet above ground, Elevation 5463.30.
BM on rock of collar in sw corner of well elevation 5459.62.
LS 5459.26

Nov 20,1939	21.46		Jly 1,1940	20.96
30	23.25		3	20.38
Dec 9	23.78		13	21.62
Jan 1,1940	24.80		19	22.17
19	[illegible]		23	22.34
29	25.18		26	22.17
Feb 25	25.50		29	22.76
29	25.50			
Mar 30	24.30		Aug 1	22.20
Apl 15	24.30		12	22.92
19	24.91		21	23.60
28	20.10		28	23.88
May 13	20.12		Sep 2	23.75
20	19.65		17	24.07
23	17.50		18	23.90
28	14.83		21	24.16
29	14.96		30	24.00
Jun 3	15.50		Oct 16	24.28
6	13.30		31	24.12
10	15.60		Nov 30	24.08
14	16.80			

8. WEBSTER, CHARLES E.? 1500 Feet east of quarter corner between 11-14, T 4 S, R 4 E, SLM in SW corner of SE quarter of SE quarter section 11; N & W of roads; intersection; North of dwelling. Depth 26.1', Dug 1893. C 11255

MP Top of 2" timber holding bar gaurds, third bar from west, elevation 5485.13

Nov 20,1939	20.66		Jly 1,1940	18.46
30	22.90		13	20.68
Jan 1,1940	[illegible]		Aug 1	22.28
[illegible] 29	25.82		21	23.33
Feb 29	26.18		Sep 21	22.08
Mar 23	25.06		30	23.70
30	25.36		Oct 16	24.54
Apl 19	25.88		31	22.38
28	23.08		Nov 30	24.55
May 13	21.18			
23	13.28			
Jun 20	14.94			

9. RICHINS, WILLIAM: North side of road; by old buildings, curb and pully rack.
MP top of Pot Rock lining and collar, level with LS, Elevation 5534.82 C11241

Nov 20,1939	53.55		Jun 20,1940	41.60
30	52.47		Jly 1	44.85
Jan 1,1940	57.60		13	48.32
29	59.44		Aug 1	51.00
Feb 29	Dry		21	52.8
Mar 30	61.1		Sep 2	54.1
Apl 28	61.0		21	55.07
May 7	53.3		30	54.10
13	50.92		Oct 16	60.50
28	39.4		31	56.52
Jun 6	39.18		Nov 30	56.70

10. SIMMONS, ERNEST: SE of dwelling; NW corner of Sw quarter of SW quarter, section 12, T 4 S, R 4 E, SLM.

Observations discontinued 1939.

11. SIMMONS, WILLIAM: East of dwelling; SW corner of NW quarter of SW quarter, section 12, T 4 S, R 4 E, SLM

MP Top end steel corrugated pipe lining, N side, Elevation 5483.77.
LS 5484.9

Nov	20,1939	17.30	Jun	20,1940	10.11
	30	17.55	Jly	1	14.80
Jan	1,1940	18.75		13	15.60
	29	19.34	Aug	1	16.80
Feb	29	19.55		21	18.08
Mar	23	18.52	Sep	30	16.82
	30	18.54	Oct	16	17.78
Apl	19	14.60		31	17.88
	28	15.30	Nov	30	18.88
May	13	12.05			
	28	8.38			

12. CARLILE, GEORGE R. ESTATE; West side road; SW dwelling; near SE corner of NE 1/4, of NE 1/4, section 11, T 4 S, R 4 E, SLM.

MP Top concrete walk around well, Elevation 5471.19 LS 5470.8

Nov	20,1939	9.72	Jun	20,1940	6.04
	30	10.50	Jly	1	6.54
Jan	1,1940	12.20		13	8.44
	29	12.88	Aug	1	10.24
Feb	29	12.84		21	10.88
Mar	23	10.33	Sep	30	10.25
	30	8.72	Oct	16	9.40
Apl	19	7.32		31	9.37
	28	6.85	Nov	30	11.80
May	13	5.88			
	28	5.42			

13. NELSON, WALLACE; West dwelling; NW road intersection; SW corner section 6, T 4 S, R 5 E, SLM

MP southeast corner well, top timber cover, Elevation 5555.46.
LS 5554.5 C11231

Nov	20,1939	45.28	Jun	20,1940	34.29
	30	45.90	Jly	1	34.80
Jan	1,1940	50.40		13	35.82
	29	53.50	Aug	1	38.35
Feb	29	55.63		21	40.82
Mar	23	57.06	Sep	17	44.17
	30	57.40		30	44.50
Apl	19	56.60	Oct	31	47.70
	28	52.00	Nov	30	50.50
May	13	46.9			
	28	37.05			

Observations discontinued, recorder station established acros road south # 46.

14. WEBB, ED: West of brick dwelling; south side road; In NW 1/4 of SW 1/4 section 13, T 4 S, R 4 E, SLM; Dug 1894 by Joseph Nelson, d dug 78 feet deep. C11230 "Bad Dog"

MP wood cover base of pump, elevation 5530.21 LS 5530.0

Nov 20,1939	55.34		Jly 13,1940	52.96	Bad Dog "Gone"
30	55.30		Aug 1	55.2	
Jan 1,1940	59.85		21	57.72	
29	62.50		Sep 2	58.4	
Feb 29	64.6		21	62.13	
Mar 30	64.6	65'Deep	30	58.30	
May 28	42.60		Oct 16	59.8	
Jun 20	44.10		31	54.9	
Jly 1	49.50		Nov 30	59.00	

15. CASPER; South side road; south of dwelling; concrete pipe lining projecting three feet above ground.

MP top concrete pipe lining on north side; elevation 5484.02
LS 5481.1.

Nov 20,1939	32.64	Jun 20,1940	26.90
30	32.20	Jly 1	30.83
Jan 1,1940	33.96	13	32.12
29	34.32	Aug 1	32.90
Feb 29	34.60	21	33.33
Mar 23	34.88	Sep 2	33.47
30	34.08	21	32.65
Apl 19	33.65	30	33.40
28	32.14	Oct 16	33.92
May 13	31.00	31	33.02
28	26.52	Nov 30	33.04

16. WIDDISON, JOSEPH; East of road, SE of dwelling; SW corner of NW 1/4, of SE quarter section 14, T 4 S, R 4 E, SLM;

MP top of collar, south side, Elavation 5481.85, LS 5481.85

Nov 30,1939	35.40		Jun 20,1940	28.45
Jan 1,1940	36.30		Jly 1,	29.60
29	36.76		13	35.10
Feb 29	36.54		Aug 1	35.65
Mar 23	36.15		21	36.00
30	36.56	37.5'Deep	Sep 21	35.14
Apl 19	36.12		30	35.63
28	33.34		Oct 31	35.92
May 13	33.92		Nov 30	35.14
28	26.96			

17. SIMMONS, STEVE: North of new road, east of ditch; in NW 1/4 of NE 1/4, section 23, T 4 S, R 4 E, SLM.

MP to November 7,1940, 1" x 8" siding around man-hole,projecting above the concrete, Elevation 5475.84
MP after Nov.7,1940, top of Meter Box cover set in concrete cover, Elevation 5475.72 LS disturbed.

Nov 20,1939	35.00	Jly 1,1940	35.40	
Jan 1,1940	36.75	13	36.35	
29	37.42	Aug 1	36.76	
Feb 29	37.80	21	37.34	
Mar 23	35.55	Sep 2	36.88	
30	35.96	21	36.85	
Apl 19	36.30	30	36.86	
28	35.10	Oct 16	36.20	
May 13	34.15	31	36.72	
28	32.50	Nov 7	Put on new concrete top.	
Jun 20	33.50	30	32.00	

18. RICHIE, CLIFFORD: East of dwelling, about 250 feet east of Main ~~Sw~~ Corner Charleston, South side street; in NW 1/4 of NW 1/4 section 23 T 4 S, R 4 E, SLM;

MP Top of collar level with ground. Elevation _____

Nov 20,1939	22.35	Jun 6,1940	19.03
30	24.80	20	20.80
Jan 1,1940	26.30	Jly 1	21.04
29	27.66	13	22.90
Feb 29	27.80	Aug 1	24.74
Mar 23	27.54	21	26.10
30	25.16	Sep 2	26.00
Apl 19	25.88	21	25.88
28	21.10	30	24.60
May 13	20.12	Oct 16	25.28
28	19.58	31	25.50
		Nov 30	21.26

19. DURTSCHI; Stringtown of Midway, east side road; east of dwelling in pumphouse; in SW 1/4 of NE 1/4 section 10; T 4 S, R 4 E, SLM.

Mp floor of pumphouse. Elevation _____

Nov 30,1939	10.74	Jly 1,1940	9.3
Jan 1,1940	13.10	Aug 1	12.22
29	14.40	24	12.70
Feb 29	13.90	Sep 2	13.00
Mar 30	15.55	30	9.5
Apl 28	7.10	Oct 31	11.91
May 28	7.50	Nov 30	9.86

20. TATE; Observations discontinued.

21. CHARLESTON TOWNWELL; (Artesian) In Sw corner of Town Lot, one-half block of Main Corner.
Stevens Recorder operated by USRS & USGS.

MP top instrument table; elevation 5436.91 LS 5428.8

Jan 29,1940	13.88
May 28	10.03

22. BETHERS: Head Daniels Canyon by Bether's Service station.

Dug 1934. Dug 30 feet deep.

MP cover by pump. Elevation approx. 7985.4

Mar 22,1940	19.4	Jly 30,1940	18.00
Apl 19	10.60	Aug 22	19.92
May 7	7.50	Sep 17	21.20
Jun 22	14.4		

23. HOWE, L.J: Mouth Daniels Canyon.

MP floor of well house. Elevation 6001.19

Mar 1,1940	105.25	Jly 1,1940	97.45
30	102.00 106.5' Deep	31	100.2
Apl 28	101.50	Sep 2	103.4
May 28	99.50	30	101.3
Jun 20	97.80	Oct 31	101.7
		Nov 30	103.00

24. RICHARDSON (Old Designation) MCNEIL, LILLIAN: Francis, "(D-2-6) 28 CCC" 25 feet west of green frame house, in front yard, at NE corner of road intersection in Francis. SW corner section 28, T 2 S, R 6 E, SLM

MP top well cover at pump base.

Nov 20,1939	28.06	Aug 20,1940	27.20
Mar 19,1940	Dry	26	32.22
Apl 16	Dry	Sep 16	27.75
May 15	20.30	Oct 17	24.62
Jun 13	14.9	Nov 14	22.76
Jly 20	24.54		

25. WATSON, JACK; NW corner 4th North and 6 East Streets Heber City, west of house by fence line.

MP Top wood collar level with ground. ekevation 5618.14

Dec 21,1939	16.34	Jly 1,1940	1.70
Jan 26,1940	19.95	31	6.94
Mar 27	21.90	Aug 26	11.78
Apl 28	17.62 23' Deep	Sep 2	12.54
May 28	1.25	30	13.98
Jun 20	1.46	Oct 31	11.68
		Nov 30	15.52

26-1. MCDONALD -1; NE intersection, east of house; SW corner section 3, T 4 S, R 5 E, SLM. Same as McDonald well of 1915 observations.

MP Top sandstone cover level with LS. Elevation _____

Oct 16,1940	29.78
31	30.27
Nov 7	32.80
30	34.10

26-2. MCDONALD -2; NW intersection, west of house; SE corner section 4, T 4 S, R 5 E, SLM. Same as McDonald Well No. 26, of 1939 report page 64.

MP Top sandstone lining, south side, level with Ls, Elevation 5798.84

Dec 21,1939	37.10	Aug 22,1940	29.68
Jan 26,1940	41.1	Sep 2	33.10
Mar 1	42.16	21	32.9
30	36.80	30	32.84
Apl 28	24.5	Oct 16	33.86
May 28	13.61	31	34.70
Jun 20	12.79	Nov 7	35.30
Jly 1	16.23	30	38.50
31	22.82		

26-3. CHRISTENSEN, HYRUM: SW intersection, Sw of house, NE corner section 9, T 4 S, R 5 E, SLM. Across Streets SW of 26-1

MP top concrete copping around well, N side. Elevation _____

Nov 7,1940 33.9

26-4. JOHNSON: SE intersection, east of house; on east bank of Timpanogus Irrigation Company Canal. Across street south of 26-1; ¾ NW corner section 10, T 4 S, R 5 E, SLM; Head of a depression that loks like an old spring. Water somtimes runs out of top of well. "Bad Bull- go in from NW"

MP Top wood covering over well. Elevation _____

Nov 7,1940 24.4

27. BAIRD: South of house; one mile south at the south end of Main Street, Heber City; NW corner section 8, T 4 S, R 5 E, SLM; Depth 142 feet, dug 1883-84 and completed about 1893 and had two feet of water.

MP concrete collar, elevation 5636.71

Nov 30,1939	105.46	Jun 20,1940	89.94
Jan 1,1940	111.78	Jly 1	88.10
29	115.2	31	90.22
Feb 29	139.6	Sep 2	98.1
Mar 30	121.6	30	104.6
Apl 28	121.0	Oct 31	108.7
May 28	103.8	Nov 30	113.8

28 (D-2-6) 20 CCC
PADFIELD;A.H.; 20 feet west of dwelling, north side road, one mile south and one mile west of kamas.

MP top wood cover, south side, Elevation _____ LS _____
LS is 0.7 below MP

Mar 20,1940	4.65	Aug 20,1940	7.56
Apl 16	4.76	26	7.34
May 15	3.46	Sep 16	7.27
Jun 13	3.64	Nov 14	5.50
Jly 20	6.66		

29. (D-2-6) 28CCC MCNEIL, LILLIAN: Same as No. 24.

30. PRESCOTT, A.D.;
"(D-2-6) 28 dde; North side of road, no dwelling; three-fourths mile east of Francis crossroads. near Sw corner of Se 1/4 of SE 1/4 section 28, tp 2 S, R 6 E, SLM;

MP top concrete curb, Elevation _____ LS_____
LS is 0.5' below MP.

Mar 19,1940	16.4	Aug 20,1940	9.90
Apl 16	16.7	26	10.58
May 15	10.00	Sep 16	11.74
Jun 13	1.80	Oct 17	7.85
Jly 20	5.40	Nov 14	10.50

31. PRESSCOTT, AMOS: (D-2-6) 33 dad; In front yard of gray house on West side of road, one mile east and 0.7 mile south of Francis crossroads; near SE corner of NE 1/4 of SE 1/4 section 33, T 2 S, R 6 E, SLM;

MP top of well cover at base of pump Elevation _____
LS is 0.3' below MP.

Mar 19,1940	60.00 61.4'Deep		Aug 20,1940	45.25
May 15,	37.0		26	45.85
Jun 13,	14.3		Sep 16	48.72
Jly 20	35.5		Oct 17	38.90
			Nov 14	20.00

32. DAVIS, W.H.: "(D-2-5) 31ada" 20 feet east of white house on north side of highway across from Hailstone Garage. C13770

MP is top well platform Elevation 5941.05 LS 5940.0

Jan 11,1940	13.5	Jun 13,1940	4.40
Feb 12,	15.00	20	5.12
Mar 9,	13.85	Jly 16	6.68
27	18.0	Aug 20	10.84
Apl 16	17.55	26	10.00
May 15	5.40	Sep 16	9.95
27	3.66	Oct 17	13.14
		Nov 14	11.86

33. MORRIS, HARRY: "(D-2-5) 31 ada" Hailstone; At southeast corner of frame house, just west of Hailstone Garage, on south side highway.

MP Top wood cover, north side, Elevation 5936.21 LS 5935.7

Mar 27,1940	13.25	Jly 16,1940	4.50	
Apl 16	14.84	Aug 20	7.60	17.6' Deep
May 15	4.30	26	5.46	
27	2.34	Sep 16	6.83	
Jun 13	2.40	Oct 17	10.20	
20	4.42	Nov 14	7.55	

33A. MORRIS, HARRY: Hailstone, North side of highway, East of house,

MP. Hole Iron cover, level with LS. DISCONTINUED 8-20-40.

Feb 12,1940	15.55	Jun 13,1940	4.10
Mar 9	14.25	20	5.2
27	17.06	Jly 16	7.06
Apl 16	17.45	Aug 20	11.08
May 15	4.90		
27	3.88		

34. LEE BROTHERS: 1.2 mile north Hailstine, at northwest corner of large sandstone house, on east side road.
"(D2-5) 20 cc"

MP top well cover Elevation 6022.24 LS 60 21.2

Jan 11,1940	28.9	Jun 20,1940	28.04
Feb 12	29.8	Jly 16	28.42
Mar 9	27.65	Aug 20	29.15
27	27.75	26	29.55
Apl 16	29.12	Sep 16	29.30
May 15	29.85	Oct 17	29.28
27	28.50	Nov 14	28.23
Jun 13	28.10		

35. MONTGOMERY, ROBERT: Pipe 13.0 feet; 6th East and Center Streets Heber City; 167 feet east NE corner street intersection, 11.5 feet south of North side street, 2.0 feet east of Light Pole; in street in front of Montgomery well, Heber, Number 9, of 1915 observations. (1939 Report)

MP Top of pipe Elevation 5632.58 LS 5632.1

May	3,1940	Dry	Sep	2,1940	12.9
	28	4.84		21	12.9
Jun	20	4.03		30	12.9
Jly	1	5.98	Oct	31	Dry
	31	10.80	Nov	30	Dry
Aug	22	12.8			

36. OLSEN, CONRAD: 4th West 2nd South Heber, NE corner of intersection, at NW corner of light colored house, No 390 W, 2 S, Depth well 38'.

MP top sandstone collar, N side, Elevation 5576.66 LS same

May	4,1940	22.0 38' Deep	Sep	2,1940	19.84
	28	10.20		30	22.40
Jun	20	11.29	Oct	16	23.65
Jly	1	11.48		31	24.10
	31	15.48	Nov	30	26.40
Aug	22	17.45			

37. BRIERLEY, ROBERT: 3rd S, 1st W Heber City; 116 W, 3 S; in front yard, 61 feet West and 26 feet north of lot corner. Depth well 57 feet. Across street North of Old Buys Wells, Number 12 of 1915 observation, page 59 Of 1939 report.

MP Top of pipe, pipe is cemented thru hole in sandstone cover, Elevation 5596.77 LS same. (Remodeling house)

May	4,1940	24.5 57' Deep	Sep	2,1940	27.28
	28	15.4		21	27.45
Jun	20	14.18		30	29.70
Jly	1	14.4	Oct	16	29.88
	31	19.14		31	31.64
Aug	22	24.14	Nov	30	33.32

38. SMITH, PHILLIP: two miles north and one mile west of Heber City, East of road from Midway along west side of river to Heber City Plant; SW 1/4 section 24, T 5 S, R 4 E, SLM; East of road in front yard of old sawed log house; pipe in abandoned well. Pipe is 14 feet. Same as No.3, 1915 obs. page 60 1939 report.

MP top of pipe Elevation _____ LS same

May	5,1940	10.5	Aug	20,1940	10.13
	27	9.44		26	9.86
Jun	20	9.39	Nov	5	9.95
Jly	16	10.04		30	9.32

39. WITT, FRANK: Two block north of Depot, fence line west side street, fence corner of drive-way; fifty feet NE of house.
Old "Witt Well" heretofore observed has been converted to cess-pOOl; 13.5 feet pipe, top pipe 1.5 ft above LS.

MP top of pipe Elevation 5558.83 LS 5557.3

Apl 29,1940	11.10	Sep 2,1940	9.50
May 28	7.51	21	9.68
Jun 20	6.79	30	9.94
Jly 1	6.92	Oct 16	10.08
31	7.88	31	10.38
Aug 22	9.08	Nov 30	10.20

40. ALLISON, J.W.; One mile South and three miles East of Heber City, SW corner section 2, T 4 S, R 5 E, SLM. North side road, second house from corner, in front yard south of house. Dug 1890; Cold water granite foothills at north.
MP Top of wood cover Elevation 5928.90 LS 5927.60 (1.3')

May 7,1940	16.8	Sep 2,1940	32.24
28	13.8	21	32.90
Jun 20	21.86	30	30.78
Jly 1	26.60	Oct 16	26.85
31	28.30	31	27.90
Aug 22	31.08 40' Deep From LS.	Nov 30	29.78

41. ANDERSON, JOSEPH: One mile East and about 0.4' mile south of Heber City; NW corner of S 1/2 of SW 1/4 of NW 1/4 section 4, T 4 S, R 5 E, SLM; East side road and canal, SW of house.

MP Sand Stone collar on NE, Elevation 5686.16 LS same.

May 7,1940	10.00 27.5' Deep	Sep 2,1940	18.94
28	4.09	21	18.63
Jun 20	5.70	30	17.77
Jly 1	7.68	Oct 16	15.61
31	14.16	31	22.45
Aug 22	15.92	Nov 30	26.84

42. PACE, G.M: Three miles north of Heber City, NE corner of NW 1/4, of NE 1/4. section, 19, T 3 S, R 5 E, SLM; west side of road, south side of house. One of oldest wells in valley, dug deeper 1910 not dry since.

MP top concrete collar on east side, Elevation 5690.29

Jan 20,1940	28.9	Jly 16,1940	17.65
Feb 12	32.9	31	20.66
Mar 9	31.32	Aug 26	23.04
27	32.60	Sep 2	23.24
Apl 28	23.90	30	18.04
May 28	11.48	Oct 31	21.23
Jun 20	13.54	Nov 30	25.30

43. LONDON PIPE: One and three-fourths mile north of Heber City; West side of road by fence line, and in line with fence running west; installed 1940 by USRS.

MP top of pipe Elevation _____ LS _____

Jun 20,1940	11.90	Sep 2,1940	9.17
Jly 16	10.34	30	8.56
31	10.06	Oct 31	8.14
Aug 26	9.52	Nov 30	7.20

44. CROOK, CHASE: Four and one-half miles East and half mile south of Heber City; on Lake Creek; south of center section 1, T 4 S, R 5 E, SLM; in yard west of house painted yellow-tan. set back short distance from road, on north side.

MP top wood cover by pupm base Elevation 6111.91 LS same.

Apl 19,1940	13.60	Aug 22,1940	12.00
28	11.05	Sep 2,	11.37
May 23	11.80	21	13.05
28	11.54	30	11.85
Jun 20	12.50	Oct 16	13.40
Jly 1	12.25	31	13.00
31	13.26	Nov 30	12.16

45. BURR,F.A. ; 0.2 Mile East Main Corner of CENTER CREEK; In sw 1/4 section 11, T 4 S, R 5 E, SLM; at SW corner of house; house is duplex, log; doors and window frames painted a light blue; south side road. Mrs Burr is the oldest child of Dan Bunnel.

MP Top wood cover Elevation 5950.04 LS _____

Mar 25,1940	12.50	Jly 31,1940	12.34
Apl 19	12.45	Aug 22	13.00
28	10.80	Sep 2	Dry
May 23	6.55 14' Deep	21	Dry
28	7.85	30	13.73
Jun 20	9.43	Oct 31	13.25
Jly 1	10.10	Nov 30	12.32

46. CARLILE, HART: One mile south and one mile west of Heber City; NE corner section 12, T 4 S, R 4 E, SLM. Sw road intersection; 30 feet west of house; 6' x 6' frame well house painted; electric pump on north side, Stevens Recorder on table on south side. House and Recorders and instalation cooperative, USGS,USRS and Provo River Water Commissioners Office. Begining of Recorder record Sept 1,1940.

Sept 17,1940	46.97	See recorder record.
Oct 16	48.44	
31	49.45	
Nov 30	53.30	

47. OLSON, OTTO; Provo Bench; NW corner section 24, T 6 S, R 2 E, SLM; East of house and near rock garage.

MP Top wood cover Elevation _____ LS. same.

Mar 21,1940	20.9
May 8	18.00
Aug 4	19.91
Sep 5	19.74
Nov 30	21.64

48. JORDAN BROS.: Six miles north of Heber City; Near north line of NE 1/4 of NW 1/4 section 6, T 3 S, R 5 E, SLM; East side road, south of river, east in back yard of center house of three; has electric pump, instaled 1940.

MP wood cover base pump. Elevation 5871.96 LS same.

Jan	11,1940	5.9	Jun	13,1940	5.40
Feb	12	5.7		20	5.66
Mar	9	5.6	Jly	16	5.76
	27	5.3	Aug	20	6.52
Apl	26	4.8		28	6.42
May	15	3.55	Sep	16	3.20
	27	4.27	Oct	17	5.86
			Nov	14	5.8

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Observers:
T.F.Wentz
I.F.Baum.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Daily Depth To Water Brown Well near Charleston, Utah.

For the year Ending September 30, 1940,

Elevation of M.P. = 5460.30

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
1	19.14	19.16	20.00	20.94	21.97	22.45	21.19	18.29	12.88	16.99	19.57	20.45
2	19.60	18.94	20.07	20.99	21.97	22.47	21.36	18.13	12.08	17.27	19.54	20.51
3	19.78	18.72	20.12	21.01	21.97	22.47	21.46	18.02	12.42	17.16	19.62	20.47
4	19.89	18.46	20.18	21.01	22.00	22.50	21.50	17.86	12.90	17.38	19.70	20.48
5	19.92	18.38	20.23	21.04	22.03	22.51	21.55	17.22	12.35	17.57	19.67	20.53
6	19.93	18.30	20.27	21.08	22.10	22.53	21.58	17.57	10.18	17.57	19.75	20.58
7	19.88	18.15	20.32	21.14	22.15	22.52	21.62	17.80	10.42	17.80	19.83	20.64
8	19.84	18.05	20.33	21.21	22.19	22.52	21.64	17.84	11.00	18.01	19.90	20.68
9	19.80	18.08	20.36	21.26	22.23	22.53	21.72	17.82	11.82	18.18	19.94	20.67
10	19.77	18.19	20.39	21.31	22.35	22.54	21.72	17.59	12.57	18.29	20.02	20.73
11	19.74	18.30	20.42	21.34	22.27	22.56	21.75	17.05	12.22	18.32	20.08	20.63
12	19.70	18.45	20.45	21.38	22.26	22.55	21.77	17.10	12.69	18.46	20.07	20.64
13	19.64	18.50	20.44	21.43	22.24	22.42	21.80	17.29	13.07	18.45	20.12	20.70
14	19.62	18.47	20.45	21.45	22.22	22.22	21.80	16.74	13.29	18.58	20.18	20.45
15	19.59	18.25	20.46	21.49	22.26	22.07	21.83	15.68	13.66	18.67	19.90	20.49
16	19.56	18.15	20.49	21.47	22.31	22.00	21.82	15.48	14.08	18.57	20.07	20.56
17	19.53	18.15	20.52	21.39	22.33	21.99	21.73	15.43	14.45	18.73	20.19	20.62
18	19.50	18.15	20.54	21.28	22.35	21.94	21.53	15.78	14.00	18.85	20.27	20.70
19	19.48	18.20	20.58	21.16	22.37	21.79	21.43	16.20	14.51	18.96	20.22	20.75
20	19.45	18.28	20.63	21.18	22.39	21.75	21.25	16.50	14.90	19.00	20.21	20.80
21	19.42	18.36	20.68	21.27	22.41	21.76	21.38	16.32	14.96	19.01	20.26	20.73
22	19.44	18.56	20.72	21.46	22.43	21.77	21.41	16.05	15.37	19.14	20.12	20.74
23	19.42	18.82	20.76	21.49	22.45	21.67	21.09	14.22	15.45	19.07	20.22	20.81
24	19.41	19.05	20.75	21.58	22.47	21.56	20.95	14.57	15.78	19.16	20.30	20.43
25	19.45	19.27	20.77	21.64	22.46	21.45	20.32	14.67	16.08	19.21	20.19	20.49
26	19.49	19.48	20.85	21.70	22.48	21.36	19.90	13.70	15.99	19.03	20.29	20.56
27	19.50	19.64	20.88	21.74	22.48	21.16	18.90	12.09	16.30	19.19	20.37	20.64
28	19.54	19.77	20.89	21.79	22.48	21.05	17.48	11.71	16.57	19.31	20.42	20.73
29	19.58	19.87	20.90	21.84	22.46	21.01	17.98	11.89	16.78	19.40	20.44	20.75
30	19.61	19.96	20.91	21.87		21.00	18.12	12.40	16.73	19.47	20.46	20.76
31	19.38		20.92	21.93		21.08		12.80		19.47	20.49	

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

Daily Depth to Water of Hartley Carlile Well near Heber, Utah

For the year ending September 30, 1940

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep
1												45.32
2												45.56
3												45.80
4												45.90
5												45.91
6												45.86
7												45.82
8												45.79
9												45.87
10												46.04
11												46.29
12												46.54
13												46.75
14												46.77
15											Beginning of Record	46.73
16												46.81
17												46.95
18												47.10
19												47.23
20												47.36
21												47.49
22												47.65
23												47.84
24												47.83
25												47.76
26												47.80
27												47.68
28												47.27
29												47.11
30												47.10
31											45.05	

S U M M A R Y

NATURAL PROVO RIVER

UTAH VALLEY

1929--1940

Year	MEAN April	May	June	July	August	Sept	Acre Feet
1929	488	868	883	369	339	348	200,800
1930	425	484	463	232	245	248	127,772
1931	221	218	159	116	121	123	58,116
32	487	957	879	337	260	245	193,018
33	329	350	757	232	180	175	122,920
34	160	135	112	87	88	91	41,060
35	233	433	854	234	195	167	128,800
1936	698	1213	530	322	271	244	198,688
37	542	1107	524	369	277	246	185,933
38	592	986	698	326	265	257	189,021
39	427	472	314	209	183	182	108,055
40	275	523	239	187	153	164	93,363

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CC 1-10 State Engineer.
" " E.G.Thorum.
C 1-2-3 Provo Res. Co., Provo City,
Reed Knudsen, Ray V.Wentz,
Alfred R.Chipman, Thomas Ashton,
I.F.Baum, T.W.Moulton.
Thomas Curtis all

1905-1918 = 230,738

S U M M A R Y

N A T U R A L P R O V O R I V E R

U T A H V A L L E Y

- 1 9 4 0 -

Month	Max	Min	Mean	Acre Feet
April	342	206	275	16,342
May	871	279	523	32,146
June	281	192	239	14,211
July	235	165	187	11,474
Aug	159	147	153	9,437
Sept	182	146	164	9,753
Max	871			
Min	...	146		
Mean	...	...	255	
Total	...	...	...	93,363

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(1.98347)
(297 4257)

NATURAL PROVO RIVER

UTAH VALLEY

1940

Day	Apl	May	June	July	Aug	Sept
1	288	290	266	235	159	147
2	295	279	260	218	157	146
3	289	287	252	213	159	155
4	283	346	252	216	158	159
5	282	433	269	209	157	159
6	294	400	262	204	156	156
7	301	409	244	199	153	154
8	303	441	253	192	158	162
9	310	486	253	195	158	166
10	302	614	257	184	154	164
1	298	659	281	184	155	163
2	292	722	263	183	152	167
3	258	781	248	182	149	169
4	253	817	263	180	151	168
5	256	820	262	185	150	161
6	244	854	258	188	150	160
7	235	871	242	194	149	161
8	216	800	243	190	150	164
9	206	684	239	189	150	166
20	209	583	231	184	151	182
1	217	528	224	177	150	178
2	220	524	220	173	147	173
3	206	493	214	168	148	169
4	254	466	210	167	157	165
5	316	449	212	167	155	168
6	342	406	198	168	154	168
7	337	410	192	168	159	164
8	315	399	199	167	157	167
9	312	361	196	172	155	166
30	[illegible]	310	202	165	151	170
1	xxx	285	xxx	169	149	xxx
Totals	8239	16207	7165	5785	4758	4917
Max	342	871	281	235	159	182
Min	206	279	192	165	147	146
Mean	275	523	239	187	153	164
Ac Ft	16342	32146	14211	11474	9437	9753

C R 1940

NATURAL PROVO RIVER
UTAH VALLEY
APRIL 1940

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut.Val	Tunnel Water	Natural River Utah Valley
1	240	23	263	30	293	5	288
2	245	23	268	32	300	5	295
3	237	23	260	34	294	5	289
4	228	23	251	37	288	5	283
5	225	23	248	39	287	5	282
6	235	23	258	41	299	5	294
7	240	22	262	44	306	5	301
8	240	22	262	46	308	5	303
9	245	22	267	48	315	5	310
10	235	22	257	50	307	5	302
1	228	22	250	53	303	5	298
2	220	22	242	55	297	5	292
3	184	22	206	57	263	5	258
4	180	22	202	56	258	5	253
5	184	22	206	55	261	5	256
6	172	22	194	55	249	5	244
7	164	22	186	54	240	5	235
8	146	22	168	53	221	5	216
9	137	22	159	52	211	5	206
20	141	22	163	51	214	5	209
1	150	21	171	51	222	5	217
2	154	21	175	50	225	5	220
3	141	21	162	49	211	5	206
4	187	22	209	50	259	5	254
5	247	23	270	51	321	5	316
6	271	24	295	52	347	5	342
7	265	23	288	54	342	5	337
8	242	23	265	55	320	5	315
9	237	24	261	56	317	5	312
30	230	24	254	57	311	5	306
x	xxx	xx	xxx	xx	xxx	x	xxx
Totals	6250	678	6922	1467	8389	150	8239
Max							342
Min							206
Mean							275
Ac Ft.	12397	1333	13730	2910	16640	298	16342

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C R 1940

NATURAL PROVO RIVER
UTAH VALLEY
MAY 1940

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut Val	Tunnel Storage	Natural River Utah Valley
1	211	23	234	60	294	4	290
2	200	22	222	61	283	4	279
3	209	22	231	60	291	4	287
4	268	22	290	60	350	4	346
5	356	22	378	59	437	4	433
6	323	23	346	58	404	4	400
7	332	23	355	58	413	4	409
8	366	22	388	57	445	4	441
9	411	23	434	56	490	4	486
10	538	24	562	56	618	4	614
1	584	24	608	55	663	4	659
2	648	24	672	54	726	4	722
3	706	25	731	54	785	4	781
4	744	24	768	53	821	4	817
5	749	23	772	52	824	4	820
6	784	23	807	51	858	4	854
7	801	23	824	51	875	4	871
8	732	22	754	50	804	4	800
9	616	22	638	50	688	4	684
20	516	22	538	49	587	4	583
1	462	22	484	48	532	4	528
2	459	22	481	47	528	4	524
3	428	22	450	47	497	4	493
4	402	22	424	46	470	4	466
5	398	21	419	45	464	15	449
6	379	22	401	44	445	39	406
7	385	22	407	43	450	40	410
8	405	20	425	42	467	68	399
9	379	20	399	41	440	79	361
30	332	19	351	40	391	81	310
1	309	19	328	38	366	81	285
Totals	14432	689	15121	1585	16706	499	16207
Max							871
Min							279
Mean							523
AcFt	28625	1367	29992	3144	33136	990	32146

C R 1940

NATURAL PROVO RIVER
UTAH VALLEY
JUNE 1940

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut Val	Tunnel Storage	Natural River Utah Valley
1	292	21	313	37	350	84	266
2	282	21	303	36	339	79	260
3	273	21	294	35	329	77	252
4	273	22	295	34	329	77	252
5	290	22	312	33	345	76	269
6	284	22	306	32	338	76	262
7	268	21	289	31	320	76	244
8	268	21	289	34	323	70	253
9	268	20	288	37	325	72	253
10	268	21	289	40	329	72	257
1	271	21	292	43	335	54	281
2	263	21	284	46	330	67	263
3	255	20	275	45	320	72	248
4	260	20	280	44	324	61	263
5	255	21	276	44	320	58	262
6	242	21	263	43	306	48	258
7	218	21	239	42	281	39	242
8	211	20	231	41	272	29	243
9	211	20	231	40	271	32	239
20	202	21	223	40	263	32	231
1	200	20	220	39	259	35	224
2	193	21	214	38	252	32	220
3	195	20	215	37	252	38	214
4	197	20	217	37	254	44	210
5	202	20	222	36	258	46	212
6	197	20	217	36	253	55	198
7	202	20	222	35	257	65	192
8	197	20	217	34	251	52	199
9	195	21	216	33	249	53	196
30	202	20	222	33	255	53	202
-	xxx	xx	xxx	xx	xxx	xx	xxx
Totals	7134	620	7754	1135	8889	1724	7165
Max							281
Min							192
Mean							239
Ac Ft	14158	1230	15380	2251	17631	3420	14211

C R 1940

NATURAL PROVO RIVER
UTAH VALLEY
JULY 1940

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut Val	Tunnel Storage	Natural River Utah Valley
1	232	21	253	32	285	50	235
2	213	21	234	39	273	55	218
3	200	21	221	47	268	55	213
4	204	21	225	46	271	55	216
5	197	22	219	45	264	55	209
6	193	21	214	45	259	55	204
7	189	21	210	44	254	55	199
8	180	20	200	43	243	51	192
9	172	20	192	43	235	40	195
10	162	20	182	42	224	40	184
1	164	19	183	41	224	40	184
2	164	19	183	40	223	40	183
3	164	18	182	40	222	40	182
4	162	19	181	39	220	40	180
5	168	19	187	38	225	40	185
6	170	20	190	38	228	40	188
7	172	20	192	37	229	35	194
8	164	20	184	36	220	30	190
9	162	21	183	36	219	30	189
20	158	21	179	35	214	30	184
1	152	21	173	34	207	30	177
2	148	21	169	34	203	30	173
3	144	21	165	33	198	30	168
4	143	21	164	33	197	30	167
5	144	21	165	32	197	30	167
6	139	21	160	32	192	24	168
7	135	21	156	32	188	20	168
8	135	21	156	31	187	20	167
9	132	21	153	31	184	12	172
30	125	21	146	31	177	12	165
1	128	22	150	31	181	12	169
Totals	5115	636	5751	1160	6911	1126	5785
Max							235
Min							165
Mean							187
Ac Ft	10145	1262	11407	2301	13708	2234	11474

C R 1940

NATURAL PROVO RIVER
UTAH VALLEY
AUGUST 1940

Day	Vivian Park River	Vivian Park For	Total	Inflow	Total Ut Val	Tunnel Storage	Natural River Utah Valley
1	123	23	146	30	176	17	159
2	120	22	142	30	172	15	157
3	121	23	144	30	174	15	159
4	121	23	144	29	173	15	158
5	121	22	143	29	172	15	157
6	120	22	142	29	171	15	156
7	118	22	140	28	168	15	153
8	118	22	140	28	168	10	158
9	118	22	140	28	168	10	158
10	115	22	137	27	164	10	154
1	116	22	138	27	165	10	155
2	113	22	135	27	162	10	152
3	110	22	132	27	159	10	149
4	113	22	135	26	161	10	151
5	112	22	134	26	160	10	150
6	112	22	134	26	160	10	150
7	112	22	134	25	159	10	149
8	112	23	135	25	160	10	150
9	112	23	135	25	160	10	150
20	113	23	136	25	161	10	151
1	113	23	136	24	160	10	150
2	110	23	133	24	157	10	147
3	110	23	133	25	158	10	148
4	113	23	136	31	167	10	157
5	112	23	135	30	165	10	155
6	110	23	133	30	163	9	154
7	110	24	134	30	164	5	159
8	110	23	133	29	162	5	157
9	108	23	131	29	160	5	155
30	105	23	128	28	156	5	151
1	104	22	126	28	154	5	149
Totals	3525	699	4224	855	5079	321	4758
Max							159
Min							147
Mean							153
Ac Ft	6992	1386	8378	1696	10074	637	9437

C R 1940

NATURAL PROVO RIVER
UTAH VALLEY
SEPTEMBER 1940

Day	Vivian Park River	Vivian Park Fork	Total	Inflow	Total Ut Val	Tunnel Storage	Natural River Utah Valley
1	102	22	124	28	152	5	147
2	102	22	124	27	151	5	146
3	110	23	133	27	160	5	155
4	113	25	138	26	164	5	159
5	112	26	138	26	164	5	159
6	110	26	136	25	161	5	156
7	108	26	134	25	159	5	154
8	112	26	138	29	167	5	162
9	113	26	139	32	171	5	166
10	113	25	138	31	169	5	164
1	113	25	138	30	168	5	163
2	118	25	143	29	172	5	167
3	121	25	146	28	174	5	169
4	120	25	145	28	173	5	168
5	118	25	143	27	170	9	161
6	118	26	144	26	170	10	160
7	120	26	146	25	171	10	161
8	123	26	149	25	174	10	164
9	125	27	152	24	176	10	166
20	132	27	159	33	192	10	182
1	128	28	156	32	188	10	178
2	123	28	151	32	183	10	173
3	120	28	148	31	179	10	169
4	116	28	144	31	175	10	165
5	120	27	147	31	178	10	168
6	120	28	148	30	178	10	168
7	118	26	144	30	174	10	164
8	121	26	147	30	177	10	167
9	121	26	147	29	176	10	166
30	121	26	147	29	176	6	170
x	xxx	xx	xxx	xx	xxx	x	xxx
Totals	3511	775	4286	856	5142	225	4917
Max							182
Min							146
Mean							164
Ac Ft	6964	1537	8501	1698	10199	446	9753

C R 1940

I N F L O W C U R V E

- 1 9 4 0 -

Day	Apl	May	June	July	Aug	Sept
1	30	60	37	32	30	28
2	32	61	36	39	30	27
3	34	60	35	47	30	27
4	37	60	34	46	29	26
5	39	59	33	45	29	26
6	41	58	32	45	29	25
7	44	58	31	44	28	25
8	46	57	34	43	28	29
9	48	56	37	43	28	32
10	50	56	40	42	27	31
1	53	55	43	41	27	30
2	55	54	46	40	27	29
3	57	54	45	40	27	28
4	56	53	44	39	26	28
5	55	52	44	38	26	27
6	55	51	43	38	26	26
7	54	51	42	37	25	25
8	53	50	41	36	25	25
9	52	50	40	36	25	24
20	51	49	40	35	25	33
1	51	48	39	34	24	32
2	50	47	38	34	24	32
3	49	47	37	33	25	31
4	50	46	37	33	31	31
5	51	45	36	32	30	31
6	52	44	36	32	30	30
7	54	43	35	32	30	30
8	55	42	34	31	29	30
9	56	41	33	31	29	29
30	57	40	33	31	28	29
1	xx	38	xx	31	28	xx

Note: Time of day and weather conditions should be noted in comparisons with discharge at Vivian Park, Discharge record at Vivian Park is daily mean obtained by recorders. There are no operating recorders on diversions below Mouth of Canyon. The foregoing tabulation is based upon the observed flow of diversions, at times during days of relative uniform flow, as shown in record of canal flows.

With the "Total Measurements", second feet below Mouth of Provo Canyon down to Lakeview Bridge, and the discharge at Vivian Park,-- the Inflow Curve is projected.

TFW.

C R 1940

PROVO RIVER UTAH VALLEY

"TOTAL MEASURMENTS"

Date 1940		Diver-sions	To Lake	Water-works	Total Cfs	Total Viv.Pk.	Indicated Inflow	
Apl	13	114	140	9	263	206	57	
	18	151	61	9	221	168	53	
	22	201	13	9	223	175	48	
May	2	223	50	10	283	222	61	
	7	346	4	10	360	355	5	Daily Variation large
	8	381	2	10	393	388	5	" " "
	17	611	183	10	804	824	-	" " "
	23	478	6	10	494	450	44	
	25	455	3	10	468	419	49	
	28	449	0	"	459	425	34	
	29	430	0	"	440	399	41	
Jun	2	337	0	12	349	303	46	
	3	328	0	"	340	294	46	
	4	317	0	"	329	295	34	
	5	331	0	"	343	312	31	Rain
	9	312	0	"	324	288	36	
	10	317	0	12	329	289	40	
	12	318	0	"	330	284	46	
	13	306	0	"	318	275	43	
	15	305	0	2	317	276	41	
	16	299	0	"	311	263	48	
	18	261	0	12	273	231	42	
	20	251	0	"	263	223	40	
	23	238	0	"	250	215	35	
	25	346	0	"	258	222	36	
	29	242	0	"	254	216	38	
Jly	1	269	0	13	282	253	29	Rain
	3	255	0	"	268	221	47	
	5	249	0	"	262	219	43	
	6	252	0	"	265	214	51	
	7	240	0	"	253	210	43	
	9	222	0	13	235	192	43	
	10	207	0	"	220	182	38	
	12	205	0	"	218	183	35	
	13	211	0	"	224	182	42	
	14	206	0	"	219	181	38	
	15	209	0	14	223	187	36	
	17	219	0	"	233	192	41	
	18	210	0	"	224	184	40	
	19	206	0	"	220	183	37	
	20	198	0	"	212	179	33	
	21	200	0	14	214	173	41	
	22	192	0	"	206	169	37	
	23	184	0	"	198	165	33	
	24	180	0	"	194	164	30	
	25	182	0	"	196	165	31	
	27	173	0	14	187	156	31	
	28	170	0	14	184	156	28	
	29	170	0	14	184	153	31	
	30	166	0	14	180	146	34	
	31	162	0	14	176	150	26	

PROVO RIVER UTAH VALLEY

"TOTAL MEASURMENTS"

Date 1940	Diver-sions	To Lake	Water-works	Total Cfs	Total Viv.Pk.	Indicated Inflow
Aug 1	162	0	13	175	146	29
2	160	0	"	173	142	31
3	162	0	"	175	144	31
4	160	0	"	173	144	29
5	158	0	"	171	143	28
6	159	0	13	172	142	30
7	159	0	11	170	140	30
8	158	0	"	169	140	29
8	157	0	"	168	140	28
9	159	0	"	170	140	30
10	152	0	11	163	137	26
11	153	0	"	164	138	26
12	150	0	"	161	135	26
13	150	0	"	161	132	29
14	148	0	"	159	135	24
15	148	0	13	161	134	27
16	146	0	"	159	134	25
17	143	0	"	156	134	22
18	147	0	"	160	135	25
20	148	0	"	161	136	25
23	145	0	13	158	133	25
24	154	0	"	167	136	31
25	158	0	"	171	135	36
26	151	0	"	164	133	31
27	151	0	"	164	134	30
28	148	0	13	161	133	28
29	148	0	"	161	131	30
30	146	0	"	159	128	31
31	143	0	"	156	126	30

PROVO RIVER UTAH VALLEY

"TOTAL MEASURMENTS"

Date 1940	Diver-sions	To Lake	Water-works	Total Cfs	Total Viv.Pk	Indicated Inflow
Sept 1	138	0	12	150	124	26
2	135	0	"	147	124	23
3	146	0	"	158	133	25
4	152	0	"	164	138	26
5	162	0	"	174	138	36
6	154	0	11	165	136	29
7	158	0	"	169	134	35
8	156	0	"	167	138	29
9	162	0	"	173	139	34
10	161	0	"	172	138	34
11	157	0	9	166	138	28
12	158	0	"	167	143	24
13	168	0	"	177	146	31
14	165	0	"	174	145	29
15	164	0	"	173	143	30
16	161	0	9	170	144	26
17	165	0	"	174	146	28
18	166	0	"	175	149	26
19	167	1	"	177	152	25
20	181	2	"	192	159	33
22	172	0	9	181	151	30
26	169	0	"	178	148	30
27	166	0	"	175	144	31
28	167	0	"	176	147	29
29	166	0	"	175	147	28
30	169	0	"	178	147	31

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Waterworks mean furnished by Provo City Engineering Department, and includes an average of 2 cfs of Orem Town.

C R 1940 S N O W S U R V E Y

WATER COMMISSIONERS OFFICE
PROVO RIVER
March 31,1940.

Precipitation Oct 1 To March 31.
Six months ending Mar 31,1940

Station	1940	1939	1934	Normal	1940 % Nor.
Heber City	6.77	10.42	6.57	10.25	66
Provo City	10.13	8.86	4.75	9.21	110
Salt L Cty	9.82	9.59	6.03	9.02	109
Park City	7.51	11.92	7.71	13.86	55
Snake Crk	10.61	14.34	10.47	15.67	68
Average	8.88	11.02	7.11	11.60	
% Normal	77	95	61		

Summary Precip March 1940

Station	Prec Mar	Oct 1- Feb 29	Oct 1- Mar 31
Heber Cty	1.21	5.56	6.77
Provo Cty	1.06	9.07	10.13
Salt L Cty	1.52	8.30	9.82
Park City	1.43	6.08	7.51
Snake Crk	1.86	8.75	10.61
	Plus		
Hd Daniels	-1.3	11.58	10.3
E Portal	0.95	10.16	11.11
Straw Rdg	2.21	15.19	17.40
Trial Lk	4.4	15.50	19.9
Long Lk	...	....	23.50
Soapstone	0.27	7.75	8.02

BROWN WELL MARCH 31

Year	Ft To Water	Water Elev
1940	18.05	5439.25
39	16.71	40.59
38	18.5	38.8
37	17.7	39.6
36	19.0	36.3
35	20.3	37.0
34	18.8	38.5

UTAH LAKE MARCH 31

Year	Gage	ACFT
1940	-5.27	392.710
39	-4.13	483,000
38	-5.02	412,000
37	-6.15	327,000
36	-8.58	164,000
35	-9.00	139,900

STRAWBERRY RESERVOIR MARCH 31

Year	Inflow Oct 1- Mar 31	Available For Use Mar 31
1940	10,146	54,280
39	10,690	88,180
38	13,012	81,580
37	12,459	45,800
36	9,812	15,060
35	7,270	12,660

SNOW COVER MARCH 31

	HEAD DANIELS 8000'		EAST PORTAL 7560'		STRAWBERRY RIDGE 8000'		SOAPSTONE 7800'		TRIAL LAKE 9800'		LONG LAKE 10,300	
Year	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat	Snow	Wat
1940	30.00	10.3	28.5	10.0	45.7	17.4	26.1	8.0	59.9	19.9	69.4	23.6
39	31.2	10.2	21.1	8.8	45.4	17.8	25.7	7.3	59.0	21.3	68.2	24.4
38	-	15.9	-	12.0	-	19.4	-	12.0	-	27.9	-	30.6
37	-	20.9	-	17.4	-	25.6	-	12.0	-	28.9	-	33.6
36	-	19.4	-	19.2	-	31.7	-	18.9	-	37.2	-	43.5
35	-	12.7	-	9.0	-	19.3	-	9.0	-	23.5	-	28.0
Normal		21.5		17.7		30.4		15.2		36.3		43.1
1940 % of Normal		48		63		57		53		55		55

/52

Natural Provo River
Utah Valley

	1934	1935	1936	1937	1938	1939	1940
April-Sept ACFT	41,060	128,800	198,688	185,933	189,021	108,055	???

TFW:TFW

C.R. 1940

PRECIPITATION

1939 x 1940

HEBER	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
El 5593												
Precip	1.64	T	0.62	1.89	1.41	1.21	1.33	0.47	0.32	0.37	0.42	1.95
Normal	1.41	1.41	1.52	2.03	1.92	1.96	1.47	1.39	0.66	0.80	1.10	1.08
Depart	+.23	-1.41	-.90	-.14	-.51	-.75	-.14	-.92	-.34	-.43	-.68	+.87
TotPrec	1.64	1.64	2.26	4.15	5.56	6.77	8.10	8.57	8.89	9.26	9.68	11.63
Tot Nor	1.41	2.82	4.34	6.37	8.29	10.25	11.72	13.11	13.77	14.57	15.67	16.75
Accum	+.23	-1.18	-2.08	-2.22	-2.73	-3.48	-3.62	-4.54	-4.88	-5.31	-5.99	-5.12
Percent	116	55	52	65	67	66	69	65	65	64	62	69

PROVO	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
E14517												
Precip	2.70	T	0.59	3.20	2.58	1.06	1.60	0.01	0.92	0.40	0.09	1.47
Normal	1.48	1.32	1.41	1.65	1.64	1.71	1.56	1.68	0.68	0.59	0.98	1.09
Depart	+1.22	-1.32	-.82	+1.55	+.94	-.65	+.04	-1.67	+.24	-.19	-.89	+.38
Tot Prec	2.70	2.70	3.29	6.49	9.07	10.13	11.73	11.74	12.66	13.06	13.15	14.62
Tot Nor	1.48	2.80	4.21	5.86	7.50	9.21	10.77	12.45	13.13	13.72	14.70	15.79
Accum	+1.22	-.10	-.92	+.63	+1.57	+.92	+.96	-.71	-.47	-.66	-1.55	-1.17
Percent	182	96	78	111	121	110	109	94	96	95	89	98

SALT LAKE CITY	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
El 4260												
Precip	1.42	T	0.66	3.90	2.32	1.52	2.47	0.01	0.26	0.09	0.02	1.72
Normal	1.44	1.35	1.43	1.31	1.57	1.98	2.05	1.92	0.80	0.51	0.85	0.98
Depart	-.02	-1.35	-.77	+2.59	+.75	-.46	+.42	-1.91	-.54	-.42	-.83	+.74
Tot Prec	1.42	1.42	2.08	5.98	8.30	9.82	12.29	12.30	12.56	12.65	12.67	14.39
Tot Nor	1.44	2.79	4.22	5.53	7.10	9.08	11.13	13.05	13.85	14.36	15.21	16.19
Accum	-.02	-1.37	-2.14	+.45	+1.20	+.74	+1.16	-.75	-1.29	-1.71	-2.54	-1.80
Percent	99	51	49	108	117	108	110	94	91	88	83	89

PARK CITY	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
El 7100												
Precip	1.82	T	0.39	1.69	2.18	1.43	1.74	0.07	0.30	0.22	0.19	1.26
Normal	1.33	1.70	2.20	2.91	2.78	2.94	1.87	1.21	0.70	1.25	1.52	1.22
Depart	+.49	-1.70	-1.81	-1.22	-.60	-1.51	-.13	-1.14	-.40	-1.03	-1.33	+.04
Tot Prec	1.82	1.82	2.21	3.90	6.08	7.51	9.25	9.32	9.62	9.84	10.03	11.29
Tot Nor	1.33	3.03	5.23	8.14	10.92	13.86	15.73	16.94	17.64	18.89	20.41	21.63
Accum	+.49	-1.21	-3.02	-4.24	-4.84	-6.35	-6.48	-7.62	-8.02	-9.05	-10.38	-10.34
Percent	137	60	42	48	56	55	59	55	55	52	49	52

SNAKE CREEK	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
El 5950												
Precip	1.63	T	0.93	3.01	3.18	1.86	1.65	0.29	0.46	0.50	0.20	1.54
Normal	1.62	1.99	2.68	3.27	3.07	3.04	2.09	1.63	0.74	1.06	1.43	1.44
Depart	+.01	-1.99	-1.75	-.26	+.11	-1.18	-.44	-1.34	-.28	-.56	-1.23	+.10
Tot Prec	1.63	1.63	2.56	5.57	8.75	10.61	12.26	12.55	13.01	13.51	13.71	15.25
Tot Nor	1.62	3.61	6.29	9.56	12.63	15.67	17.76	19.38	20.13	21.19	22.62	24.06
Accum	+.01	-1.98	-3.73	-3.99	-3.88	-5.06	-5.50	-6.84	-7.12	-7.68	-8.91	-8.81
Percent	100	45	41	58	69	68	69	65	65	64	61	63

AVERAGE	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep
Precip	1.84	T	0.64	2.74	2.33	1.42	1.76	0.17	0.45	0.32	0.18	1.59
Normal	1.46	1.55	1.85	2.23	2.20	2.33	1.81	1.57	0.71	0.84	1.18	1.16
Depart	+.38	-1.55	-1.21	+.51	+.15	-.91	-.05	-1.40	-.26	-.52	-1.00	+.43
Tot Prec	1.84	1.84	2.48	5.22	7.55	8.97	10.73	10.90	11.35	11.67	11.85	13.44
Tot Nor	1.46	3.01	4.86	7.09	9.29	11.62	13.43	15.00	15.71	16.55	17.73	18.89
Accum	+.38	-1.17	-2.38	-1.87	-1.74	-2.15	-2.70	-4.10	-4.36	-4.88	-5.88	-5.45
Percent	126	61	51	74	81	77	80	73	72	70	67	71

1940 -- Leap Year.

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C To UP&LCo, Salt Lake City and Olmstead; Provo Res. Co.; Provo Bench C&ICo.; Wasatch Irrig. Co.; South Kamas Irrig.Co.; I.F.Baum; J.O.Stone; Roy Atkinson; Henry R.Watson. Provo City & W.O.Facer.
State Engr.; USGS; USRS; Weather Bureau.

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10-27-40 TFW:TFW

C R 1940

S U M M A R Y

S T O R A G E W A T E R

1 9 4 0

RELEASE FROM RESERVOIRS:-

	MAY	JUNE	JULY	AUGUST	SEPT	TOTALS
ECHO	901	1852	---	---	---	2753
PINEVIEW	---	496	---	---	---	496
PROVO RIVER	---	3831	3703	614	150	8298
TOTALS	901	6179	3703	614	150	11547

- -

DELIVERY:-	MAY	JUNE	JULY	AUGUST	SEPT	TOTALS
PROVO CITY	---	192	131	294	150	767
TIMPANOGUS	---	1021	733	---	---	1754
EXTENSION	---	324 213	---	---	---	537
PROVO RES.CO.	901	919 1673 (496)	2176	308	---	6473
WASHINGTON	---	488	35	---	---	523
WASATCH	***-	398	682	---	---	1080
TOTALS	901	5724	3757	602	150	11134

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Note: Echo Underscored; Pineview thus (). Delivery Net.

Time Delivery -- Wasatch Dam. Utah County one day later.

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C To Provo City % E.A.Jacobs; Provo City % Maurice Harding; Timpanogus Irrigation Co % H.C.Clegg; Extension Irrigation Co.; Provo Reservoir Co.; Washington Irrigation Co., Wasatch Irrigation Co.;
State Engineer; A.B.Purton USGS; E.G.Thorum of UP&LCo.; Thomas Curtis of USRS; I.F.Baum; Roy Atkinson.

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TFW:TFW 11-9-40

C R 1940

SUMMARY

STORAGE WATER

1 9 4 0

STORAGE AND OWNERSHIP:

Head Provo River, May 30,1940:-

	Appl	Reservoir	GH	Acre Feet	Provo Res.Co	Wasatch	Timpogus	Extension	Provo City	Washington
a	442	Trial	34.5	1417	638	354	355	70	----	----
b	442	Washington	29.0	1480	669	370	370	71	----	----
c	442	Wall	22.0	1281	580	320	320	61	----	----
d	2077	N Fk 1 Weir) N Fk 2 P Pot)	..	162	162	---	---	---	---	---
e	2077a	N Fk3 Long	(22.2)	824	746	---	---	78	---	---
f	2077b	N Fk4 Island	..	98	98	---	---	---	---	---
g	2077c	N Fk5	..	108	108	---	---	---	---	---
h	2077e	Lost	22.2	1168	322	----	---	47	799	---
i	2077g	Lost #2	3.2	70	68	---	---	2	---	---
j	2077h	Star	..	314	142	79	78	15	---	---
k	2077j	Wash #3	..	38	38	---	---	---	---	---
l		N Fk #6	16	420	---	---	420	---	---	---
m		Marjorie	21	285	---	---	285	---	---	---
n	2812 & 2813	Big Elk	14	532	---	---	---	---	---	532
	Totals			8197	3571	1123	1828	344	799	532
	Four Percent			328	143	45	73	14	32	21
	Net			7869	3428	1078	1755	330	767	511
ECHO Net:-				2753	2549	---	---	204	---	---
PINE VIEW Net:-				496	496	---	---	---	---	---
GRAND TOTAL Net:-				11118	6473	1078	1755	534	767	511

- -

C R 1940

ECHO STORAGE

Diversion Canal To Provo River					Delivery
May 1940	Cfs	4% And Inflow	Net Cfs	Net Aft	Provo Res.Co By Wasatch Dam AFt.
24 4p	38.2	3.3	35	23	23
25	38.2	3.3	35	70	70
6	39.4	3.6	36	72	72
7	69	5	64	128	128
8	80.2	5	75	150	150
9	81.9	5	77	154	154
30	81.9	5	77	154	154
1	80.2	5	75	150	150
Totals				901	901

C R 1940

ECHO STORAGE

June 1940	Diversion Canal To Provo River Cfs	4% And Inflow	Net Cfs	Net Aft	Delivery Provo Res.Co. By Wasatch Dam Aft	Extension Irrig.Co. Aft
1	81.9	5	77	154	148	6
2	80.2	5	75	150	144	6
3	83.5	5	78	156	143	13
4	83.5	5	78	156	142	14
5	83.5	5	78	156	142.	14
6	83.5	5	78	156	143	13
7	80.2	5	75	150	129	21
8	81.9	5	77	154	133	21
9	79	5	74	148	134	34
10	69	5	64	128	97	29
1	67.5	4	64	128	114	14
2	59.9	4	56	112	114	14
3	55.6	4	52	104	90	14
Totals				1852	1673	213

PINE VIEW STORAGE

14	52.7	4	49	98	98
15	42	3	39	78	78
6	28.7	3	26	52	60
7	26.5	3	24	48	40
8	18.4	3	15	30	30
9	16.5	3	13	26	24
20	14	3	11	22	22
1	10.7	3	8	16	16
2	17.4	2	15	30	30
3	15.6	2	13	26	22
4	14.8	2	12	24	26
5	12.3	2	10	20	20
6	12.3	2	10	20	22
7M	9.1	1	8	4	8
Totals				496	496

C R 1940

PROVO RIVER STORAGE

Daily Acre Feet Delivery and Release of Provo River Storage

	Release	Delivery					
June 1940	Aft.	Provo City	Timp-Ogus	Exten-sion	Provo Res.Co	Washing ton	Wasatch
7	49	---	----	---	---	---	---
8	74	2	14	2	---	---	---
9	93	8	56	6	---	---	---
10	104	8	56	11	2	---	---
1	125	8	56	26	10	---	---
2	130	8	47	26	19	20	---
3	130	8	44	26	22	26	---
4	130	8	44	40	8	26	---
5	130	8	44	40	8	26	---
6	133	8	44	40	8	26	---
7	150	8	44	40	8	26	---
8	150	8	44	40	23	26	---
9	150	8	44	27	31	26	10
20	150	8	44	--	38	26	30
1	160	8	44	--	38	26	30
2	170	10	44	--	36	26	30
3	204	10	44	--	56	26	30
4	220	10	44	--	56	26	30
5	220	10	44	--	80	26	30
6	220	10	44	[illegible]	98	26	32
7	233	10	44	--	86	26	44
8	233	10	44	--	96	26	44
9	233	10	44	--	96	26	44
30	240	6	44	--	100	26	44
Totals	3831	192	1021	324	919	488	398

Delivery Time used -- Wasatch Dam.

C R 1940

PROVO RIVER STORAGE

Daily Release and Delivery Acre Feet Provo River Storage.

	Rleease	Delivery				
July 1940	Aft	Provo City	Timp-ogus	Provo Res.Co	Washin-gton	Wasatch
1	221	6	44	110	26	44
2	212	6	44	110	9	44
3	212	6	44	110	--	44
4	212	6	44	110	--	44
5	212	6	44	110	--	44
6	184	-	38	110	--	44
7	170	-	38	103	--	44
8	170	-	38	80	--	44
9	170	-	38	80	--	44
10	170	-	38	80	--	44
1	170	-	38	80*	--	44
2	170	-	38	80*	--	44
3	170	-	38	80*	--	44
4	170	-	38	80*	--	44
5	129	-	38	80*	--	44
6	108	3	38	70*	--	22
7	108	6	38	60	--	--
8	83	6	38	60	--	--
9	70	6	19	60	--	--
20	70	6	--	60	--	--
1	70	6	--	60	--	--
2	70	6	--	60	--	--
3	63	6	--	60	--	--
4	48	6	--	60	--	--
5	48	6	--	47	--	--
6	48	6	--	40	--	--
7	39	6	--	40	--	--
8	34	8	--	24	--	--
9	34	8	--	24	--	--
30	34	8	--	24	--	--
1	34	8	--	24	--	--
Totals	3703	131	733	2176	35	682

* Approximate, trouble in release, and measureing devices.

C R 1940

PROVO RIVER STORAGE

Release		Delivery	
Aug 1940	Aft	Provo City	& Provo Res.Co.
1	34	8	20
2	34	8	20
3	34	8	20
4	34	8	20
5	34	8	20
6	28	8	20
7	29	20	10
8	36	20	10
9	36	20	10
10	36	20	10
1	36	20	10
2	36	20	10
3	36	20	10
4	36	20	10
5	30	20	10
6	10	20	10
7	15	16	10
8	20	10	10
9	17	10	10
20	10	10	10
1	10	--	10
2	10	--	10
3	10	--	10
4	5	--	10
5	--	--	5 7pm
Totals	614	294	308

C R 1940

PROVO RIVER STORAGE

Release		Delivery
Sept 1940	Aft	Provo City
12 4p	3	--
3	10	--
4	10	7 8a
5	10	10
6	10	10
7	10	10
8	10	10
9	10	10
20	10	10
1	10	10
2	10	10
3	10	10
4	10	10
5	10	10
6	10	10
7 5p	7	10
8	--	10
9	--	3 8a
Totals	150	150

C R 1940

WATER COMMISSIONERS OFFICE

PROVO CITY, UTAH

November 8,1940

A.B.Purton, Dist.Engr. USGS,
303 Federal Bldg.
Salt Lake City,Utah.

Dear Sir:-

The quantity of water thru Factory Race, diverted from Provo River, measured at 1' x 12' Suppressed Weir at plant of Provo Brick & Tile Company, about one mile north of Provo City, for the year ending September 30,1940, is shown by the following table:-

1939 x 1940

Month	Oct	Nov	Dec	Jan	Feb	Mar	Apl	May	Jun	Ely	Aug	Sep
AcFt	80	220	60	1980	1910	930	1250	00	00	00	00	00

Total Acre Feet 6430

Resp. Submitted

T.F.Wentz (Signed)
T.F.Wentz
Commissioner.

CC To Thomas Curtis of USRS.
W.O.Facer,Supt.Provo City Irrigation
J.P.McQuire Provo City Commissioner
Henry R.Watson,Researeg Engr. Utah Lake.

TFW:TFW.

C.R. 1940

PROVO CITY LOST LAKE STORAGE DELIVERED TO OLMSTEAD PLANT

A N D

BRIDAL VEIL FALLS AND LOST CREEK TO PROVO CITY WATERWORKS

S U M M A R Y

Acre Feet

1 9 4 0

	Bridal Veil Falls And Lost Creek To Provo City Waterworks.			Storage Delivered To Olm.Plant
	B.V.Falls	Lost Creek	Totals	
May	67.60	13.54	81.14	00
June	28.40	112.29	140.69	186
July	00	103.51	103.51	129
Aug	77.92	139.15	217.07	302
Sept	142.00	82.59	224.59	150
Totals	315.92	451.08	767.00	767

- - - - - - - - - - -

cc To Jesse Haws Commissioner Provo City; P 1-7
E.A.Jacob Engr. Provo City; P 1-7
Clark Newell Supt.Waterworks Provo City; P 1
E.G.Thorum Engr.Utah Power & Light Co.; P 1-7
E.G.List Supt Olmstead Plant. P 1

C.R. 1940.

BRIDAL VEIL FALLS AND LOST CREEK TO PROVO CITY WATERWORKS 1940

M A Y

	B.V.FALLS			LOST CREEK			
Day	Time	Cfs	Aft	Time	Cfs	Aft	Total
18	600p	0/2.73	1.36	-	-	-	1.36
19	600p	2.73/0	4.10	-	-	-	4.10
20	600p	0/2.73	1.36	-	-	-	1.36
21	-	2.73	5.46	-	-	-	5.46
22	-	2.73	5.46	-	-	-	5.46
23	-	2.73	5.46	-	-	-	5.46
24	-	2.73	5.46	-	-	-	5.46
25	-	2.73	5.46	-	-	-	5.46
26	-	2.73	5.46	1100a	0/1.22	1.34	6.80
27	-	2.73	5.46	-	1.22	2.44	7.90
28	-	2.82	5.64	-	1.22	2.44	8.08
29	-	2.82	5.64	-	1.22	2.44	8.08
30	-	2.82	5.64	-	1.22	2.44	8.08
31	-	2.82	5.64	-	1.22	2.44	8.08
Totals	-	-	67.60	-	-	13.54	81.14

C.R.1940.

BRIDAL VEIL FALLS AND LOST CREEK TO PROVO CITY WATERWORKS 1940.

J U N E

	B.V.FALLS			LOST CREEK			
Day	Time	Cfs	Aft	Time	Cfs	Aft	Total
1	1100a	2.82/0	2.58	1100a	1.22/2.04	3.33	5.91
2	-	-	-	-	2.04	4.08	4.08
3	-	-	-	-	2.04	4.08	4.08
4	-	-	-	-	2.04	4.08	4.08
5	-	-	-	-	2.04	4.08	4.08
6	-	-	-	-	2.04	4.08	4.08
7	-	-	-	-	1.99	3.98	3.98
8	-	-	-	-	1.95	3.90	3.90
9	-	-	-	-	1.95	3.90	3.90
10	-	-	-	-	1.86	3.72	3.72
11	-	-	-	-	1.86	3.72	3.72
12	-	-	-	-	1.86	3.72	3.72
13	-	-	-	-	1.86	3.72	3.72
14	-	-	-	-	1.86	3.72	3.72
15	-	-	-	-	1.86	3.72	3.72
16	-	-	-	-	1.86	3.72	3.72
17	-	-	-	-	1.86	3.72	3.72
18	-	-	-	-	1.86	3.72	3.72
19	730p	0/2.19	0.82	-	1.86	3.72	4.54
20	-	2.19	4.38	-	1.86	3.72	8.10
21	-	2.19	4.38	-	1.86	3.72	8.10
22	-	2.19	4.38	-	1.86	3.72	8.10
23	-	2.19	4.38	-	1.86	3.72	8.10
24	-	2.19	4.38	-	1.86	3.72	8.10
25	500p	2.19/0	3.10	500p	1.86/2.07	3.84	6.94
26	-	-	-		2.02	4.04	4.04
27	-	-	-	-	2.02	4.04	4.04
28	-	-	-	-	1.96	3.92	3.92
29	-	-	-	-	1.96	3.92	3.92
30	-	-	-	430a	1.96/0	1.22	1.22
Totals		-	28.40	-	-	112.29	140.69

C.R. 1940

BRIDAL VEIL FALLS AND LOST CREEK TO PROVO CITY WATERWORKS 1940.

J U L Y

	B.V.Falls			LOST CREEK			
Day	Time	Cfs	Aft	Time	Cfs	Aft	Total
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	400p	0/2.02	1.35	1.35
8	-	-	-	-	2.02	4.04	4.04
9	-	-	-	-	1.96	3.92	3.92
10	-	-	-	-	1.91	3.82	3.82
11	-	-	-	-	1.91	3.82	3.82
12	-	-	-	-	1.91	3.82	3.82
13	-	-	-	-	1.91	3.82	3.82
14	-	-	-	-	1.91	3.82	3.82
15	-	-	-	-	1.86	3.72	3.72
16	-	-	-	1100a	1.86/0	1.70	1.70
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	900a	0/3.62	4.52	4.52
23	-	-	-	-	3.62	7.24	7.24
24	-	-	-	-	3.62	7.24	7.24
25	-	-	-	-	3.62	7.24	7.24
26	-	-	-	-	3.62	7.24	7.24
27	-	-	-	-	3.62	7.24	7.24
28	-	-	-	-	3.62	7.24	7.24
29	-	-	-	-	3.62	7.24	7.24
30	-	-	-	-	3.62	7.24	7.24
31	-	-	-	-	3.62	7.24	7.24
Totals		-	00	-	-	103.51	103.51

C.R.1940

BRIDAL VEIL FALLS AND LOST CREEK TO PROVO CITY WATERWORKS 1940.

A U G U S T

	B.V.FALLS			LOST CREEK			
Day	Time	Cfs	Aft	Time	Cfs	Aft	Total
1	-	-	-	-	3.62	7.24	7.24
2	-	-	-	-	3.42	6.84	6.84
3	-	-	-	-	3.42	6.84	6.84
4	-	-	-	-	3.42	6.84	6.84
5	-	-	-	-	3.42	6.84	6.84
6	-	-	-	-	3.42	6.84	6.84
7	-	-	-	-	3.42	6.84	6.84
8	-	-	-	-	3.42	6.84	6.84
9	-	-	-	-	3.42	6.84	6.84
10	-	-	-	-	3.42	6.84	6.84
11	-	-	-	-	3.42	6.84	6.84
12	-	-	-	-	3.42	6.84	6.84
13	-	-	-	-	3.42	6.84	6.84
14	-	-	-	-	3.32	6.64	6.64
15	-	-	-	-	3.22	6.44	6.44
16	1000a	0/3.24	3.78	900a	3.22/0	2.42	6.20
17	-	3.24	6.48	-	-	-	6.48
18	-	3.24	6.48	-	-	-	6.48
19	-	3.24	6.48	-	-	-	6.48
20	900a	3.24/3.03	6.22	1000a	0/2.00	2.33	8.55
21	-	3.03	6.06	-	2.00	4.00	10.06
22	-	3.03	6.06	-	2.00	4.00	10.06
23	1000a	3.03/0	2.52	1000a	2.00/0	1.67	4.19
24	-	-	-	-	-	-	-
25	12M	0/3.03	3.03	12M	0/2.00	2.00	5.03
26	12M	3.03/0	3.03	12M	2.00/0	2.00	5.03
27	1000a	0/3.03	3.54	1000a	0/2.00	2.33	5.87
28	-	3.03	6.06	-	2.00	4.00	10.06
29	-	3.03	6.06	-	2.00	4.00	10.06
30	-	3.03	6.06	-	2.00	4.00	10.06
31	-	3.03	6.06	-	2.00	4.00	10.06
Totals		-	77.92	-	-	139.15	217.07

C.R. 1940.

BRIDAL VEIL FALLS AND LOST CREEK TO PROVO CITY WATERWORKS 1940.

S E P T E M B E R

	B.V.FALLS			LOST CREEK			
Day	Time	Cfs	Aft	Time	Cfs	Aft	Total
1	-	3.03	6.06	-	2.00	4.00	10.06
2	100p	3.03/0	3.28	100p	2.00/0	2.16	5.44
3	400p	0/3.03	2.02	-	-	-	2.02
4	300p	2.64/0	3.30	-	-	-	3.30
5	800a	0/2.64	3.52	-	-	-	3.52
6	-	2.64	5.28	-	-	-	5.28
7	-	2.64	5.28	-	-	-	5.28
8	-	2.64	5.28	-	-	-	5.28
9	-	2.64	5.28	-	-	-	5.28
10	12M	2.64/303	5.67	-	-	-	5.67
11	-	3.03	6.06	-	-	-	6.06
12	-	3.03	6.06	-	-	-	6.06
13	-	3.03	6.06	-	-	-	6.06
14	-	3.03	6.06	-	-	-	6.06
15	900a	3.03/2.37	5.24	900a	0/2.83	3.54	8.78
16	-	2.37	4.74	-	2.83	5.66	10.40
17	-	2.37	4.74	-	2.83	5.66	10.40
18	-	2.37	4.74	-	2.83	5.66	10.40
19	-	2.37	4.74	-	2.83	5.66	10.40
20	-	2.37	4.74	-	2.83	5.66	10.40
21	-	2.37	4.74	-	2.83	5.66	10.40
22	-	2.37	4.74	-	2.83	5.66	10.40
23	-	2.37	4.74	-	2.83	5.66	10.40
24	-	2.64	5.28	-	2.46	4.92	10.20
25	-	2.64	5.28	-	2.46	4.92	10.20
26	-	2.64	5.28	-	2.46	4.92	10.20
27	-	2.64	5.28	-	2.46	4.92	10.20
28	-	2.64	5.28	-	2.46	4.92	10.20
29	240p	2.64/0	3.23	240p	2.46/0	3.01	6.24
Totals		-	142.00	-	-	82.59	224.59

C.R.1940.

PROVO CITY LOST LAKE STORAGE DELIVERED TO OLMSTEAD PLANT

IN EXCHANGE

BRIDAL VEIL FALLS AND LOST CREEK TO PROVO CITY WATERWORKS

1 9 4 0

Acre Feet. Time Provo Canyon; one day later than passing by Wasatch Dam.

Day	June	July	Auhust	September
1	-	6	8	-
2	-	6	8	-
3	-	6	8	-
4	-	6	8	-
5	-	6	8	-
6	-	6	8	-
7	-	-	8	-
8	-	-	20	-
9	2	-	20	
10	8	-	20	-
1	8	-	20	-
2	8	-	20	-
3	8	-	20	-
4	8	-	20	-
5	8	-	20	7
6	8	-	20	10
7	8	3	20	10
8	8	6	16	10
9	8	6	10	10
20	8	6	10	10
1	8	6	10	10
2	8	6	-	10
3	10	6	-	10
4	10	6	-	10
5	10	6	-	10
6	10	6	-	10
7	10	6	-	10
8	10	6	-	10
9	10	8	-	10
30	10	8	-	3
1	x	8	-	x
Totals	186	129	302	150 / 767

C R 1940

OUTLINE DISTRIBUTION PROVO DIVISION 1940

	May 10-Jun 20	Jun 20-Jly 20	Jly 20-Sep 1	Sep 1-May 10
West Union Canal Co., and Smith & Carter Ditches	33.47	30.29	27.23	27.14
P&N and B&Y	2.74	2.49	2.18	1.96
Timpanogus Canal Co	14.12	12.83	11.29	11.29
U E Union and Faucett Field	15.16	13.73	12.31	12.19
ERBWCo. and City Creek . . .	10.00	9.20	8.20	7.77
Provo City excl Wtks	63.08	59.59	56.28	53.42
Little Dry Creek	8.43	7.67	6.75	6.75
Ft Field Upper Canal(½D) .	3.59	3.19	2.87	2.30
Lake Bottom Canal	15.93	14.17	12.75	10.20
Spring Creek Users	7.20	6.55	5.71	5.14
Provo Bench See attached Sheet.				
Provo Reservoir Canal:				
Of Blue Cliff	7.58	11.36	14.94	14.94
Wright Estate Springs and River water less .6 cfs,no to exceed	1.20	1.20	1.20	1.20
Round Valley not to exc 3.12 cfs	----	-----	-----	------
Storage as shown	------	------	-----	------
Tunnel as shown	--------	------	-----	------
Other classes as shown .. .	-----	------	-----	-----

- -

Provo City and Orem Town waterworks as shown .

- -

Provo City included 26 acre water right of Provo Brick & Tile Co., under the distribution system of Provo City.

- -

Provo City Storage and exchange on Lost Creek and Bridal Falls as shown.

- -

The above are net quantities, as of 100% of awarded rights,-- losses and inflows are as noted from time to time

- -

TDW:TFW 4-20-40

OUTLINE DISTRIBUTION PROVO BENCH CANAL 1940

	May 10-Jun 20	Jun 20-Jly 20	Jly 20-May 10
a. One share is equal to Sec.Ft	.05	.04525	.04074
b. PBC&ICo.Par 6,Decree,1520.4 shrs	76.01	68.77	61.89
c. Caleb Tanner,Deed,Par,30,5 shrs	0.25	0.25	0.25
d. Caleb Tanner,Deed, 28 shrs .	1.24	1.24	1.24
e. Provo Res. Co, Deed,250 shrs	12.50	11.31	10.18
f. J.D.Dixon,Deed, 31 shrs	1.55	1.40	1.26
g. Provo Res. Co. Deed, 120 shrs .	6.00	5.43	4.89
h. Total Issued Stock 1954.4 shrs	97.55	88.40	79.71
i. Provo Res. Co. No Cert. 168.72 shrs	8.44	7.63	6.87
j. Caleb Tanner and Esthma Tanner:- 63.5 P.B. shars, No Cert.	3.18	2.87	2.59
108.5 North Union Shares	2.87	2.60	2.34
Tanner Deeds 13.25 P.B.Shrs . . .	0.66	0.60	0.54
6.00 N.U.Shars . .	0.16	0.14	0.13
k. Subtotal Class "A"	112.86	102.24	92.18
THRU NORTH OPENING OF DIVISION GATES:-			
l. Provo Res.Co. 654.83 acres Duty 57,63,70	11.49	10.39	9.35
m. Caleb Tanner and Esthma Tanner 16.67 acres,Duty 57,63,70	0.29	0.26	0.24
n. Subtotal Class "A"	11.78	10.65	9.59
And Class "G"			
o. Provo Res Co.	8.50	8.50	8.50
p. Dixon Invt Co % George Stratton	1.50	1.50	1.50

TFW:TFW 4/20/40.

C R 1940

OUTLINE DISTRIBUTION CITY CREEK 1940

Name	Acres	
James Amicome	4.00	
Earl Foote	15.00	
J.W.Bone	9.00	
P B & T Co	14.00	
Frank Perry	9.00	
Wallace Gurr	3.00	
Mrs.Ruth Meldrum	1.50	
Earl Foote	6.00	Stock in ERBWCo.
Sidney Cluff	18.20	
Total	79.70	

Less 6.00 of Earl Foote by stock = 73.70

And on 73.70 as follows:-

May 10-Jun 20,	Duty 57,	1.29	cfs	"A"
Jun 20-Jly 20,	" 63,	1.17	"	B
Jly 20-May 10,	" 70,	1.05	"	C

- -

Name	May 10-Jun 20	Jun 20-Jly 20	Jly 20-Sep 1	Sep 1-May 10
ERBWCo	7.96	7.35	6.56	6.17
A B & C	1.29	1.17	1.05	1.05
Fred Dusrerberg	.327	.298	.262	.243
George Boyce	.300	.281	.246	.229
Jane E.Smith	.110	.100	.087	.079
Totals	10.00	9.20	8.20	7.77

- -

C R 1940

LOSS AND GAIN ALLOWANCES 1940

Name	Loss Cfs	Gain Cfs
Provo Bench Canal	5	--
Timpanogus Canal Co	2	--
Upper East Union Canal	2	--
City Creek	1	--
Lake Bottom Canal	-	2-3
Provo City:-		
Union	2	--
Factory Race	-	5
City Race	1	--
Tanner Race	1	3(Fifth West Drain)

Balance - - - - - - - - - - Gain 3-3 cfs.

- - - - - - - - - -

C R 1940

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1940	Time	GH	Cfs	Remarks
Mar 18	-	471	228	
Apl 18	700a	409		
20	-	-	-	Put in 12" checks, now 20" in.
21	700a	453		
22	Phoned Sorensen, Weber Comm, " No flood water to Provo, Echo won't fill,--- 60,000".			
25	910a	550	242.+-	Donnon Marshall 19.3 cfs
	Cut to 540			
	926a	540	233.+- (229 + 4 Tunnel)	Storm last night
27	700a	542		
May 1	700a	539		
2	1006a	518	-	Don.Par. 3.cfs
3	700a	513		
4	700a	540		Don.Par. 9.3 cfs
9	615a	More needed for canals below tailrace raise fume to 550 Running Order, flume not below(540) 240 cfs		
7		540	233	: " " above 560
				: river " " 190
10	400a	Run flume at 560, Took out 8" checks, gage change 550-523		
10	635a	560		
	1000a	560	pulled checks (12") = gage 537	
	1020a	537,	River Gage 1030am, 198, with sandgate closed, Will run flume at 550	
11	700a	554		
12	700a	554		
13	700a	542		
14	700a	557		
15	700a	555		
16	700a	553		
18	1115a	548,	1100a USGS Station River 365 GH = 682 cfs, South Fork 24 cfs, Total 706 cfs. Peak highwater 900pm on 16th, gage 397 = 830 cfs + 24 South Fork=854 Approx 159 cfs by Timpanogus Dam by Station to-day	
19	700a	541		
20	700a	550	Total river at about 900a 492 cfs	
21	700a	524	On falling river, hold flume at 520, river gage not above 194, this fills Provo Res. and Timp.	
22	700a	536		
	1110a	535	Rive gage 196	
23	700a	512,	at 705a cut to 500, this will supply rights below tailrace.	
24	700a	500		
25	700a	500		
26	640a	500	cut to 494	
27	700a	495		
	910a	495	cut to 490, Put in 8" check, now 8",	
	700p	515		
28	700a	514		
	700p	514	Utah Lake -5.83, pumping 700 cfs	
29	700a	514		
	700p	513		
30	550a	514		
	719p	510	Donnon Spill 154 raised to gage 160 to bring Provo Res. Canal from 75.3 cfs to 83.53 cfs.	
31	700a	477	Approx 225 cfs in flume 1-2 pm, 1235p cut river gage 160 to 154.	

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1940	Time	GH	Cfs	Remarks
Jun 1	am	-		Put in 12" checks, now 20"
	700p	523		
2	700a	508		
3	540a	501		
4	700a	494		
5	700a	514		Gage 519 = 231 cfs msr. 205p -235p.
	700p	522		Showers
6	700a	5.29		
	700p	516		
7	700a	492		
8	740a	506		Don.Spill gage 146 cut to ,40
	410p	-		Don.Parsh, 60.8 cfs + 2 cfs around flume = 62.7
9	700a	498		
	700p	514,		730p cut Don Par 132 to 127; 61.4 to 57.7 cfs.
10	840a	-		Cut Don Par 127 to 122; 57.7 to 54.2 cfs.
	700a	506		
	700p	514		
11	700a	513		
	700p	523		
12	730a	509		211 by river gages. Don.Par. 934a 132, 54.2 cfs; raised to 130, 59.92 cfs at 935a, raised to 132, 61.4 cfs at 100p. (37 +5)
	700a	511		
	700p	495		
13	1217p	487		201 by river gages; Don Par 1215p, 132, 61.4 cfs.
14	1230p	494		Don Par 132, 61.4 cfs, cut to 125, 56.3 cfs,(at
15	700a	493		810a)
16	300a	-		Cut Don Par from 125 to 110, 56.3 to 45.87 cfs.
	1225p	494		Don Par 109 = 45.2 cfs. (39 Echo; 4 PR Stor, 3 Wright Est.)
17	300a	-		Cut Don Par 110-96, 45.87-36.9 cfs;(30 Ec, 4 PR, 3 W Est)
	700a	482		
18	300a	-		Cut Don Par 96-80, 36.9-27.56 cfs;(20Ec, 4 PR St. 3 W Est.)
	700a	471		Put in 8" checks, to 28" (20-28)
19	300a	-		Raised Don Par 80-88, 27.56- 32.1 cfs; (15 Ec, 14 PR St, 3 W Est)
	700	515		
20	532p	-		Don Par 87, 31.5 cfs, at 545p raised 88 to 90, 32.1 -33.27 cfs.(12 Echo, 19 PR St. 3 W Est.)
	700a	505		
22	700a	492		
	700p	480		
23	607a	-		Raised Don.Par 90-95, 33.27- 36.3 cfs; (15 Ec, 18 PR St, 3 W Est)
	1223p	-		Don Par 94 = 35.7
	700p	484		
24	300a	-		Raised Don Par 95-104, 36.3 to 42.0 cfs;(11 Eco, 28 PR St, 3 W Est.)
	700a	483		
25	405p	482		Don Par 410p, 103, 41.4 cfs
26	300a	-		Raised Don Par 104-112, 42 -47.2 cfs, storage arriving slowly.(10 Echo, 40 PR St, 3 W Est.)
	930a	-		Raised Don Par to 118, 51.4 cfs.
27	a	--		Adjusted Don Par 118-116,51.4 -50. cfs.
30	a	-		Raised Don Par to 120,52.72 cfs,(50 PR Stor, 3 W E

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1940	Time	GH.	Cfs	Remarks
Jly 1	700a	526		Pulled 8" checks 28"-20"
	700p	496		Rain
2	700a	450		Put in 8" checks 20-28"
	700p	489		Don Par 940a cut 128 to 125, 58.5- 56.3 cfs. (55 stor, 3 W Est)
4	700a	482		
	700p	490		
5	530p	478		Don Par 525p 126= 57.0
6	700a	478		
	950a	480		
	700p	466		
7	700a	464		
	700p	456		
8	700a	455		Hold flume to 456 and at 400p run Don Par at 106 ~~100xxx~~ = 43.3 cfs (40 Stor 3 W Est)
	700p	466		
9	845a	-		Cut Don Par to 100 = 39.38 cfs. for canal adjust.
	700a	467		
	700p	456		
	-	452		145
10	955a	-		Cut Don Par 104-96, 42.0-36.9 cfs.
	700p	447		Storage not coming thru.
12	700a	462		
	700p	457		
13	820a	-		Raised Don Par 96 to 102, Storage coming thru.
	620p	-		Don Par 101, 40 cfs 38 Stor 2 W Est
	625p	-		Cut Don Par to 98, 38.2 cfs
14	700a	453		
	700p	453		
16	700a	465		
	700p	470		
17	~~xxx~~1045a			Cut Don Par 98-90, 38.2-33.27 cfs. Storm Provo Res.Co. Reduction storage 40-30 cfs, and Provo City 0-3 cfs,--acct B.V.Falls & Lost Cr.
	700a	476		
	700p	488		
18	700a	474		Don Par 1050a, 90, partly drowned,raised to 91.
	700p	472		
19	700a	468		
	700p	465		
20	700a	456		Don Par 1050a raised 91 to 93, drowned.
21	700a	451		
	700p	442		
22	700a	445		
	700p	434		
23	700a	430		
	700p	424		Utah Lake -7.90
24	700a	426		
	~~xx00p~~			
	344p	428		
25	700a	431		
	500p	422		
26	230a	-		Don Par cut from 93 to 75, Provo Res.Co., reduction in storage 30 to 20 cfs. (20 Stor, + 2 W Est)
	am	-		Put in 4" checks 28" to 32"
	1215p	458		
27	700a	454		1006a cut Don Par 75 to 72,- additional loss in transit of storage.
28	700a	451		
	700p	452		

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

Date 1940	Time	GH	Cfs	Remarks
Jly 29	545a	451		
	730a	-		Cut Don Par 72 to 56, Provo Res Storage reduced 20 to 12 cfs.
	700a	450		
	600p	463		
30	700a	460		Don Par 200p, 56, 15.7 cfs
31	700a	460		
	700p	460		
Aug 1	700a	460		
	700p	452		
2	700a	445		
3	700a	454		At 535a Cut Don Par 56 to 51,(10 stor, 2 W Est)
	700p	451		
4	600a	456		At 1130a Cut Don Par 51 to 48
5	700a	460		
	700p	452		at 705p Raised Don Par 48 to 50
6	545a	446		Msr. 450 gage 125 cfs.
7	700a	453		
8	700a	463		500a Cut Don Par 50 to 36. (5 Stor. 2 W Est)
9	700a	463		
10	700a	456		
11	700a	457		
12	700a	450		
13	700a	446		
14	700a	444		
15	700a	445		
	700p	438		
16	700a	441		
	444p	441		
17	700a	436		
18	700a	446		
	700p	438		
19	700a	450		
	700p	443		
20	700a	450		
21	700a	458		
22	700a	454		
23	700a	444		
24	700a	460		
	700p	454		
26	700a	454		
	700p	448		At 700p closed sandgate, all river thru flume, Provo Res Co. Storage gone. Olmstead Dam, rock and dirt about 100 feet above Crib Dam, tight, -- about 1/4cfs 5o feet below rock and dirt dam.
27	700a	458		
	700p	450		Don Par Gage 20, 3.3 cfs; Aug 26, 700p to 31st.
29	700a	453		
	700p	444		
30	700a	447		
	700p	444		
31	700a	448		
	700p	436		

OLMSTEAD PLANT

Date 1940	Time	GH	Cfs	Remarks
Sept 1	1210p	445		High 800a to 12m, Low 800p, (Transpiration,
	0000	435		The Moon, Barometer ?)(Which)
1-8	-	-		Don Par gage 17 = 2.7 cfs.
2	700p	440		
3	700a	454		
	700p	462		
4	700a	460		
	700p	454		
5	700p	459		
6	700a	462		
	700p	463		
7	700a	465		
	700p	460		
9	700a	472		Don Par 18, 2.9 cfs.
10	700a	470		
11	700a	465		
	700p	461		
12	700a	469		
15	700a	478		
	700p	467		
16	700a	467		
	700p	470		
18	700a	485		Don Par 20, 3.3 cfs.
19	700a	489		Took out 4 " checks, 32-28. Showers
20	700a	485		
	700p	477		
22	700a	472		
	700p	458		
23	700a	464		
	700p	457		
24	700a	460		
	700p	452		
25	700a	460		
	700p	455		
26	700a	460		
	700p	456		
27	700a	460		
28	700a	463		
	700p	458		
29	700a	464		
	700p	459		
30	700a	465		
	700p	462		Utah Lake -9.74 (Spring Estimate 10.00)
Oct 1	700a	468		
	700p	466		
2	700a	472		Tigers beat Reds
3	700a	480		Reds beat Tigers
5	1038a	482		Don Par 19, 3.1 cfs (1.425 Top wood)
6	700a	478		
	700p	477		
7	700a	480		
	700p	477		
8	700a	482		
9	700a	490		
	700p	482		Pulled 4" of checks, 28-24".
10	700a	479		

C R 1940

UTAH POWER & LIGHT COMPANY

OLMSTEAD PLANT

6

Date 1940	Time	GH	Cfs	Remarks
Oct 11	700a	480		
	700p	470		
12	700a	472		
	700p	468		
13	700a	474		
	700p	471		
15	700a	470		
	700p	468		
17	700a	474		
18	1210p	469		
19	700a	469		
23	700a	465		
24	700a	465		
25	1205p	460	Don Par 1200m, 17, 2.7 cfs.	
27	700a	485		
	700p	487	Storms	
29	700a	480		
	700p	480		
31	700a	495		
	700p	495	Don Par 700a, 18, 2.90 cfs.	
2,	Msr.	471	147 cfs.	
Nov. 6	Msr	478	175 cfs , pull 8" checks 24-16.	
14	700a	454		
22	700a	528	Don Par 18, 2.90 cfs, 700a.	
30	700a	530		
	700p	532		

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CC To E.G.Thorum of UP&LCo.

C.R. 1940

PROVO RESERVOIR CANAL

Tan Foot Parshall Measuring Flume, and Lateral No.1. Total in Canal.

Date 1940		Time	Cfs	Remarks
Apl	13	1046a	00	Syphon leaks, making repairs.
	14	345p	5.10	Turned in this am
	16	1038a	9.30	
	18	1140a	9.30	
	20	1127a	9.30	
	21	850a	10.00	Raising River
	22	940a	7.30	Arrange to start pumps, Timpanogus wants all of its water. Phoned Sorensen "No flood water to Provo, Echo won't fill-- 60.000" Started Pumps 1 & 2 to-day
	23	826a	24.40	
	24	543a	23.8	Storms
	25	615a	37.60	Storm last night
	25	325p	54.9	
	26	900a	69.0	
	27	1015a	75.26	
	28	245p	56.3	
	29	315p	48.6	
	30	1020a	44.0	
May	1	240p	24.4	
	2	911a	24.4	
	3	850a	24.4	Started Pump # 1
	4	631a	36.47	
	5	633a	124.3	
		710a	137.1	
		700p	164.1	
	6	614a	137.1	
	7	558a	113.7	
	8	556a	137.1	
		245p	145.2	
		635p	178.3	
	9	546a	59.92	
	10	..	190.02	
		618a	183.27	
	11	526a	196.72	
		415p	199.62	
	12	524a	199.62	
	13	604a	200.72	
	14	526a	200.12	
	15	531a	201.73	
	16	634a	201.73	
	17	541a	201.1	
	18	545a	199.9	
	19	529a	199.9	
	20	530a	200.82	
	21	451a	198.8	Falling River
	22	521a	190.7	
	23	521a	172.85	
	24	602a	154.5	

PROVO RESERVOIR CANAL

Date 1940		Time	Cfs	Remarks
May	25	534a	146.2	
	26	520a	136.1	
	27	542a	125.59	
	28	531a	145.2	
		713p	151.4	
	29	521a	134.1	
		729p	117.5	
	30	520a	97.7	
		708p	75.3	
	31	511a	81.9	Started Pump #1 at 215p
		413p	84.4	
Jun	1	647a	90.3	Started Pump #3 at 530a
		335p	87.7	
	2	507a	86.0	
	3	506a	86.9	
	4	508a	86.93	
	5	533a	87.7	
	6	523a	88.6	
	7	516a	83.74	
		506p	83.52	
	8	539a	82.7	
		1122a	77.8	
	9	539a	75.34	
	10	534a	73.0	
		500p	69.8	
	11	525a	70.0	
		717p	71.52	
	12	524a	69.8	Cut off Pump #3 at 1225p
		1235p	69.8	
	13	526a	71.4	
	14	541a	70.6	
	15	539a	69.8	
	16	522a	60.7	
	17	546a	52.0	
		1130a	45.87	
		545p	45.2	
	18	539a	40.7	
	19	516a	41.93	
	20	511a	43.3	Started Pump #3 at 730p
		...	48.6	
	21	516a	50.0	Cut off Punp #3 at 1100a
		1115a	45.87	
	22	508a	44.0	
	23	542a	44.0	
	24	514a	50.0	Started Pump #3 at 540a
		550a	56.3	
		915a	59.92	
	25	559a	59.92	
		335p	57.75	
	26	533a	63.92	
	27	457a	69.99	
		1250p	67.47	
	28	545a	67.47	
	29	501a	66.0	
	30	522a	69.8	cut off pump #3
		1100a	65.2	

PROVO RESERVOIR CANAL

Date 1940		Time	Cfs	Remarks
July	1	556a	70.6	
	2	508a	66.0	
	3	511a	70.6	
	4	541a	71.73	
	5	514a	69.0	
	6	502a	70.6	
	7	527a	70.6	
	8	526a	69.8	
	9	458a	55.6	
		434p	50.0	
	10	454a	52.72	
	11	528a	47.9	
	12	512a	48.83	
	13	452a	51.4	
		315p	54.9	
		600p	54.9	
	14	532a	52.0	
	15	540a	50.7	
	16	530a	49.3	
	17	512a	50.7	Storm
		330p	43.3	Reduction storage
	18	541a	43.3	
	19	524a	44.0	
	20	512a	44.0	
	21	510a	45.2	
	22	512a	45.2	
	23	540a	44.6	
	24	528a	44.6	
	25	542a	44.6	
	26	538a	36.3	Reduction storage
		1232p	35.7	
		440p	34.5	
	27	526a	35.7	
		957a	35.1	
	28	534a	33.9	
	29	542a	33.9	
	30	542a	27.00	Reduction storage
	31	522a	27.0	
Aug	1	533a	27.0	
	2	541a	27.56	
	3	532a	27.0	
	4	526a	24.9	
	5	527a	23.3	
		642p	22.26	
	6	536a	24.4	
		1130a	23.8	
	7	530a	24.55	
	8	542a	24.4	Reduction in storage
		1020a	19.8	
	8	248p	18.4	
	9	1050a	18.9	
	10	534a	18.9	
	11	605a	18.9	
	12	558a	18.9	

PROVO RESERVOIR CANAL

Date 1940		Time	Cfs	Remarks
Aug	13	541a	18.4	
	14	553a	18.9	
	15	554a	18.9	
	16	536a	18.9	
		436p	17.9	
	17	544a	18.9	
	18	554a	18.4	
	19	545a	18.9	
	20	627a	18.4	
	21	610a	18.7	
	22	644a	18.4	
	23	543a	18.4	
	24	600a	18.75	
	25	544a	18.9	
	26	542a	17.9	Storage Exhausted
	27	551a	14.8	
	28	612a	16.5	
	29	602a	16.5	
	30	605a	16.1	
	31	621a	14.8	
Sept	1	556a	14.4	
	2	612a	13.5	
	3	603a	13.1	
	4	602a	15.7	Rain Barometer 70
	5	554a	14.8	
	6	611a	16.1	
	7	626a	17.0	
	8	614a	16.1	
	9	557a	16.1	
	10	606a	16.1	
	11	606a	16.1	
	12	632a	16.1	
	13	604a	17.39	Rain
	14	1105a	17.39	
	15	1141a	17.0	
	16	606a	16.5	
	17	618a	16.5	
	18	630a	17.0	
	19	604a	14.8	Showers
	20	627a	17.39	
	22	631a	17.0	
	23	616a	17.0	
	24	612a	16.1	
	25	620a	17.0	
	26	625a	17.0	
	27	1042a	17.0	
	28	1030a	17.39	
	29	1218p	13.5	
	30	1219p	12.7	

PROVO RESERVOIR CANAL

Date 1940		Time	Cfs	Remarks
Oct	1	1201p	12.7	
	2	1154a	12.7	
	3	1047a	5.4	#1 Pump Cut off.
	4	1020a	5.7	
	5	940a	5.1	
	6	1151a	5.1	
	7	1207p	5.1	
	8	751a	5.4	
	9	1004a	6.3	Showrs
	10	950a	8.6	
	11	911a	9.0	
	12	1151a	8.6	
	13	1009a	9.0	
	15	331p	9.0	
	17	1211p	8.6	
	19	12M	9.0	
	22	1106a	8.3	
	23	304p	12.3	Started Pump #1 at 1000a
	24	950a	12.3	
	25	1106a	12.3	
	27	1118a	12.7	
	29	1144a	12.7	
	31	1122a	12.7	Clear Indian Summer
Nov	3	1046a	12.3	
	6	930a	12.7	Cut off Pump #1 at 1000a
	8	1152a	10.8	
	14	1107a	10.0	
	16	1030a	9.7	
	22	1130a	12.3	
	25	1140a	9.70	
	27	900a Cut off for winter, and drained syphon. 00		

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CC To Provo Reservoir Company. (12-2-40)

C R 1940

PROVO CITY IRRIGATION SYSTEM

Date 1940		E.Union Time	E.Union Cfs	Factory Cfs	City R Time	City R Vfs	Tanner R Time	Tanner R Cfs	Total Cfs	
Apl	13	949a	1.12	31.20	953a	7.04	956a	0.3-	39.66	
	16	am	0.0	30.60	am	8.72	am	0.75-	40.07	Facer Obsr.
	19	400p	0.0	31.20	404p	12.88	410p	1.78	45.86	
	21	1120a	18.16	6.72	1124a	14.24	1130a	8.44	47.56	
	22	1025a	22.08	0	1029a	15.76	1034a	6.74	44.58	
	23	6-7a	16.24	0	6-7a	11.84	6-7a	4.99	33.07	F
	24	614a	19.68	0	610a	12.56	618a	6.54	38.78	Storms
	25	304p	20.40	0	300p	16.08	256p	8.66	45.14	
	27	6-7a	22.08	0	6-7a	18.40	6-7a	9.55	50.03	F
	29	346p	23.28	1.92	350p	19.60	-	-	-	Stormy
May	2	1043a	24.96	1.-	1046a	15.36	1050a	9.55	50.87	
	4	6-7a	23.28	1.-	6-7a	18.00	6-7a	9.55	51.83	F
	7	622a	21.28	0	625a	14.24	629a	6.54	42.06	
	8	635a	23.48	0-.	638a	16.08	641a	8.66	47.22	
	9	621a	24.56	0	624a	18.80	628a	9.10	52.46	
	10	350p	26.72	0	344p	20.00	340p	7.36	54.08	
	11	606a	26.32	0	609a	17.20	614a	9.32	52.84	
	12	615a	26.72	0	618a	18.80	621a	9.32	54.84	
	13	6-7a	27.20	0	6-7a	18.80	6-7a	4.99	50.99	F
	14	558a	24.56	0	601a	18.80	645a	10.70	54.06	
	15	610a	23.76	0	614a	17.60	618a	10.50	51.86	
	16	600a	27.20	0	603a	17.20	607a	10.50	54.90	
	17	606a	27.60	0	609a	18.80	613a	11.20	57.60	
	18	613a	27.60	0	616a	17.2	620a	13.40	58.20	
	19	616a	28.96	0	619a	17.20	623a	13.20	59.36	
	20	604a	24.56	0	608a	14.64	612a	13.20	52.40	
	21	606a	26.32	0	609a	18.40	613a	11.40	56.12	
	22	600a	27.60	0	604a	18.40	608a	12.20	58.20	
	23	544a	27.20	0	548a	20.00	552a	11.90	59.10	
	24	536a	28.96	0	530a	19.60	526a	11.00	59.56	
	25	558a	28.08	0	604a	21.68	608a	10.20	59.96	
	26	545a	28.08	0	548a	19.60	552a	12.90	60.58	
	27	624a	27.20	0	627a	19.20	631a	11.20	57.60	
	28	554a	24.96	0	557a	18.00	601a	11.00	53.96	
	29	611a	22.88	0D.4	614a	16.08	618a	10.70	53.66	
	30	630a	27.20	0	633a	18.00	637a	12.40	57.60	
	31	615a	27.20	0	618a	17.20	622a	11.40	55.80	
	-	-	-	-	-	-	-	-	-	
Jun	1	6-7a	25.44	0	6-7a	16.48	6-7a	11.20	53.12	F
	2	535a	23.76	0	538a	15.04	542a	9.10	47.90	
	3	613a	22.88	0	616a	15.36	620a	9.10	47.34	
	4	543a	21.28	0	547a	14.24	552a	7.36	42.38	
	5	608a	22.08	0	611a	15.04	616a	9.78	46.90	
	6	607a	22.88	0 D 4	610a	15.76	615a	10.00	52.64	
	7	615a	19.68	0	618a	13.52	622a	8.22	41.42	
	7	437p	21.28	0	434p	15.36	430p	8.44	45.08	
	8	620a	21.28	0	624a	15.04	628a	9.55	46.87	
	9	638a	22.08	0	641a	15.04	645a	8.66	45.78	
	10	608a	22.88	0	611a	15.76	616a	9.78	48.42	
	11	600a	22.08	0	604a	15.04	610a	9.78	46.90	

PROVO CITY IRRIGATION SYSTEM

Date 1940	E.Union Time	E.Union Cfs	Factory Cfs	City R. Time	City R. Cfs	Tanner R. Time	Tanner R. Cfs	Total Cfs	
Jun 12	620a	23.28	0	624a	15.36	628a	10.50	49.14	
13	613a	20.88	0 D 4	616a	13.20	620a	7.79	45.87	
14	608a	21.68	0	611a	14.24	615a	7.79	43.71	
15	620a	22.88	0	624a	15.36	627a	9.10	47.34	
16	608a	21.28	0	612a	14.24	616a	7.36	43.88	
17	636a	21.28	0	640a	13.92	643a	9.10	44.30	
18	610a	20.40	0	614a	13.52	618a	5.94	39.86	
19	622a	20.40	0	625a	12.88	630a	5.36	38.64	
20	607a	18.56	0 D 4	611a	10.24	615a	6.14	38.94	
21	606a	18.56	0 D 3	610a	10.24	614a	5.58	35.38	
22	635a	20.40	0	638a	10.56	642a	6.54	37.50	
23	635a	19.28	0	638a	9.28	642a	5.75	34.31	
24	605a	19.28	0	608a	9.28	612a	5.75	34.31	
25	6-7a	18.88	0	6-7a	9.28	6-7a	6.54	34.70	F
26	6-7a	19.28	0	6-7a	9.28	6-7a	5.36	33.92	
27	540a	18.56	0	544a	10.24	548a	5.17	33.97	
28	836a	18.56	0 D 3	840a	10.24	844a	4.80	36.60	
29	549a	18.88	0	552a	9.92	556a	4.62	33.52	
30	554a	19.68	0	557a	9.28	600a	4.99	33.95	
-	-	-	-	-	-	-	-	-	
Jly 1	6-7a	21.28	0	6-7a	12.24	6-7a	8.00	41.52	F Rain
2	549a	19.28	0	553a	13.20	557a	9.10	41.58	
3	536a	21.68	0	539a	11.52	543a	6.14	39.34	
4	608a	21.68	0	611a	11.20	614a	6.14	39.02	
5	545a	20.08	0 D 4	549a	9.92	553a	5.55	39.55	
6	532a	19.68	0 D 4	536a	9.92	540a	4.99	38.59	
7	600a	19.68	0	603a	9.92	608a	4.99	34.59	
8	600a	18.16	0	604a	9.04	608a	4.44	31.64	
9	536a	19.68	0	539a	9.92	543a	4.99	34.59	
9	m	18.16	0	m	9.92	m	3.09	31.17	F
9	542p	16.24	0	546p	7.84	550p	4.09	28.17	(?)
10	527a	15.92	0	530a	8.40	534a	3.92	28.24	
10	1224p	15.92	0	1227p	7.84	-	-	-	
12	610a	15.60	0 D 3	613a	8.40	617a	4.09	31.09	
13	530a	15.92	0 D 3	534a	8.72	538a	4.99	32.63	
14	605a	15.20	0	608a	9.04	612a	5.17	29.41	
15	615a	16.24	0	6.19	9.28	623a	6.14	31.66	
15	358p	15.92	0	402p	8.72	406p	4.99	29.63	
16	600a	15.92	0	603a	9.28	607a	5.36	30.56	
17	540a	17.04	0	543a	10.24	547a	6.74	34.02	storm
18	1024a	16.64	0	1020a	9.28	1016a	5.55	31.47	
19	550a	16.24	0	554a	8.40	558a	4.62	29.26	
20	553a	15.92	0 D 1	557a	7.04	602a	3.41	27.37	
20	5-6p	15.92	0 D 1	5-6p	9.04	5-6p	4.99	30.95	F
21	540a	15.92	0	544a	8.40	548a	5.55	31.87	
22	538a	15.60	0	542a	8.40	546a	4.99	28.99	
23	607a	15.60	0	610a	7.84	614a	4.26	27.70	
24	555a	14.56	0	600a	7.60	603a	4.62	26.78	
25	610a	14.88	0	613a	7.60	618a	4.62	27.10	
26	620a	14.56	0	626a	7.84	630a	4.62	27.02	

C R 1940

PROVO CITY IRRIGATION SYSTEM

Date 1940		E.Union Time	E.Union Cfs	Factory Cfs	City R. Time	City R. Cfs	Tanner R. Time	Tanner R. Cfs	Total Cfs	
Jly	27	611a	15.20	0 D 1.5	615a	6.72	619a	4.26	27.68	
	28	608a	13.44	0 D 3	611a	7.28	617a	3.41	27.13	
	29	615a	13.84	0	618a	7.84	622a	3.75	25.43	
	29	635p	13.84	0	638p	7.28	642p	4.09	25.21	
	30	620a	13.84	0	623a	8.16	627a	4.26	26.26	
	31	548a	13.84	0	552a	7.28	556a	4.09	25.21	
	-	-	-	-	-	-	-	-	-	
Aug	1	601a	13.84	0	604a	8.40	607a	4.99	27.23	
	2	606a	14.16	0	609a	7.60	613a	3.75	25.51	
	3	619a	13.84	0 D 2	623a	7.28	627a	5.75	26.87	
	4	555a	14.16	0 D 1	558a	7.28	603a	4.44	26.88	
	5	600a	14.16	0	603a	8.16	607a	4.44	26.76	
	6	615a	14.16	0	618a	7.28	622a	4.09	25.53	
	7	600a	14.16	0	603a	7.84	607a	3.58	25.58	
	8	609a	14.16	0	613a	7.60	616a	3.92	25.68	
	8	321p	14.56	0	325p	8.16	333p	4.26	26.98	
	9	1014a	14.56	0	1021a	8.40	1007a	4.80	27.76	
	10	602a	13.84	0	605a	7.28	609a	4.09	25.21	
	11	628a	13.84	0 D 2	632a	6.72	636a	4.09	26.65	
	12	631a	13.84	0	634a	7.28	639a	4.44	25.56	
	13	614a	13.44	0	617a	7.04	621a	3.75	24.23	
	14	618a	13.44	0	621a	7.28	625a	3.58	24.30	
	15	621a	13.44	0	624a	7.28	628a	3.92	24.64	
	16	602a	13.44	0	606a	7.28	610a	3.58	24.30	
	16	634p	13.84	0	640p	7.28	644p	3.41	24.53	
	17	610a	13.44	0	613a	7.28	617a	3.58	24.30	
	18	618a	13.12	0 D 2	623a	7.28	627a	3.92	26.32	
	19	618a	13.44	0	622a	7.84	625a	4.99	26.27	
	20	500p	13.84	0	504p	8.16	508p	4.26	26.26	
	21	634a	13.84	0	639a	8.72	644a	4.62	27.18	
	22	6-7a	14.56	0	6-7a	8.40	6-7a	4.26	27.22	
	23	612a	14.16	0	616a	7.60	621a	3.58	25.34	
	24	630a	14.56	0	637a	9.28	641a	4.99	28.83	
	25	614a	16.64	0	619a	9.92	623a	4.99	31.55	
	26	608a	14.56	0 D 2	613a	8.16	617a	4.09	28.81	
	27	620a	15.20	0	625a	9.28	629a	4.99	29.47	
	28	633a	15.20	0	639a	8.16	643a	4.26	28.62	
	29	626a	15.20	0	632a	8.40	636a	4.26	27.86	
	30	629a	14.88	0	634a	7.04	638a	3.75	25.67	
	31	6-7a	13.84	0	6-7a	7.60	6-7a	3.75	25.19	F
Sept	1	624a	13.44	0	630a	6.72	633a	3.09	23.25	
	2	641a	12.80	0 D 2	646a	6.24	650a	2.93	23.97	
	3	630a	13.84	0	636a	9.60	640a	5.17	28.61	Showers
	4	628a	15.20	0	635a	9.92	641a	5.55	30.67	Rain
	5	630a	15.60	0	635a	10.88	639a	6.95	33.43	
	6	633a	15.92	0	638a	9.04	641a	5.17	30.13	
	7	649a	15.92	0	655a	8.40	658a	4.80	29.12	
	8	636a	15.92	0	642a	8.40	646a	4.80	29.12	
	9	625a	15.92	0	630a	9.04	634a	5.94	30.90	
	10	630a	15.60	0	635a	8.72	639a	6.74	31.06	

C R 1940

PROVO CITY IRRIGATION SYSTEM

Date 1940	E.Union Time	E.Union Cfs	Factory Cfs	City R Time	City R Cfs	Tanner R Time	Tanner R Cfs	Total Cfs	
Sept 11	630a	15.92	0	635a	8.72	639a	5.17	29.81	
12	654a	15.92	0	657a	9.28	701a	5.55	30.75	
13	630a	16.64	0	633a	10.56	637a	7.57	34.77	Rain
14	1018a	16.24	0	1015a	10.24	1012a	7.15	33.63	
15	1033a	15.92	0	1029a	9.60	1026a	5.94	31.46	
16	632a	15.92	0	636a	9.04	640a	5.36	30.32	
17	645a	15.92	0	648a	9.04	651a	5.17	30.13	
18	655a	15.92	0	658a	9.28	702a	5.75	30.95	
19	630a	16.24	0	633a	9.60	637a	6.14	31.98	
20	7a	16.64	0	7a	10.88	7a	6.34	33.86	F
22	1050a	16.24	0	1053a	11.52	1050a	6.34	34.10	
23	640a	15.92	0		11.52		5.36	32.80	
24	635a	15.20	0	639a	13.92	643a	2.93	32.05	
26	648a	14.56	0	653a	10.88	657a	5.75	31.19	
27	1136a	14.56	0	1140a	10.88	1144a	5.94	31.38	
28	1118a	14.16	0	1121a	10.88	1125a	5.94	30.98	
29	1143a	15.60	0	1139a	11.20	1135a	5.55	32.35	
30	1151a	15.60	0	1148a	11.52	1144a	5.94	33.06	
-	-	-	-	-	-	-	-	-	
Oct 1	1133a	15.20	0 D 2	1130a	10.56	1127a	6.34	34.10	
2	1230p	14.88	0	1233p	10.24	1237p	4.80	29.92	
4	1106a	14.56	0	1110a	17.60	1114a	4.44	36.60	
5	1128a	15.20	0	1132a	16.08	1136a	6.95	38.23	
6	1231p	14.56	0	1237p	14.64	1240p	5.94	35.14	
7	7a	14.88	0	7a	11.52	7a	6.14	32.54	F
8	1210p	11.52	0	1214p	15.04	1218p	6.34	32.90	
9	1037a	10.00	0	1042a	13.92	1046a	6.95	30.87	
10	1008a	9.36	0	10.11a	15.76	1015a	4.62	29.74	
12	1127a	9.36	0	1131a	13.52	1121a	4.99	27.87	Spilling
15	355p	6.88	0	359p	11.84	403p	4.80	23.52	"
17	1143a	7.12	0	1139a	11.84	1135a	4.62	23.58	Spilling
22	1146a	6.16	0	1149a	13.52	1154a	3.75	23.43	"
24	1110a	7.12	0	1114a	15.04	1117a	4.26	26.42	"
27	1150a	5.92	0	1154a	14.24	1200m	3.58	23.74	"
29	1114a	5.92	0	1117a	15.04	1120a	2.93	23.99	"
31	1151a	6.16	0	1155a	15.76	1159a	3.58	25.50	Spill
-	-	-	-	-	-	-	-	-	
Nov 3	1128a	6.16	0	1132a	13.52	1136a	3.75	23.43	"
8	1125a	2.24	1.-	1121a	15.06	1112a	2.48	20.76	
10	1130a	1.28	3.48	1134a	16.48	-	-	-	
14	12m	2.64	1.92	1204p	15.76	1208p	1.78	22.10	
17	1114a	3.76	4.80	1118a	15.76	-	-	-	
22	11a	2.64	13.56	11a	10.24	11a	0.63	27.07	
26	1108a	3.76	13.92	1100a	9.60	1056a	1.27	28.55	
30	1210p	3.76	16.32	1206p	11.20	1214p	1.27	32.55	

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CC To W.O.Facer, Provo City Supervisor Irrigation.

C R 1940

PROVO BENCH CANAL

1.25' x 14.3 Suppressed Weir and B S O North Opening

Date 1940	Time	Weir Cfs	N.O. Cfs	Total Cfs
Apl 11	Turns In after repairs.			
13	1036a	56.99	00	56.99
16	1025a	56.99	00	56.99
18	1130a	65.87	00	65.87
20	1127a	64.96	7.02	71.98
21	840a	71.45	7.35	78.80
22	930a	84.16	7.17	91.33
23	815a	76.24	7.17	83.41
24	530a	78.19	7.17	85.36
25	655a	100.90	9.12	110.02
	340p	100.90	9.48	110.38
27	904a	100.90	9.48	110.38
May 2	900a	74.40	8.49	82.89
4	620a	98.74	9.48	108.22
5	620a	111.97	9.48	121.45
6	600a	111.97	9.48	121.45
7	548a	114.24	9.48	123.82
8	545a	106.38	8.49	115.87
	1120a	96.60	9.48	106.08
9	535a	95.54	9.48	105.02
10	608a	147.86	13.38	161.24
	220p	147.86	13.38	161.24
11	515a	154.22	13.38	167.60
	400p	156.79	17.10	173.89
12	514a	158.08	17.10	175.18
	636a	164.59	17.10	181.69
13	550a	156.79	17.95	174.74
	840a	168.56	17.95	186.51
14	516a	167.23	17.95	185.18
15	520a	168.56	17.95	186.51
16	624a	167.23	17.95	185.18
17	530a	165.91	17.95	183.86
18	531a	165.91	17.95	183.86
19	520a	165.91	17.95	183.86
20	521a	165.91	17.95	183.86
21	440a	160.67	17.95	178.62
	1020a	150.39	17.95	168.34
22	510a	131.82	15.57	147.39
23	510a	118.83	12.73	131.56
24	721a	117.68	12.10	129.78
25	522a	118.83	11.88	130.71
26	510a	119.99	11.88	131.87
27	525a	118.83	11.88	130.71
28	520a	118.83	11.88	130.71
29	510a	118.83	11.88	130.71
	720p	117.68	11.88	129.56
30	510a	116.52	11.88	128.40
	658p	117.68	11.88	129.56
31	500a	113.10	11.70	124.80
	403p	101.99	11.88	113.87

Date 1940	Time	Weir Cfs	N.O. Cfs	Total Cfs
June 1	700a	94.48	10.03	104.51
	315p	100.90	10.03	110.93
2	455a	96.60	10.30	106.90
3	450a	90.29	9.0	99.29
4	450a	88.23	9.0	97.23
5	523a	92.37	9.0	101.37
6	514a	99.82	9.0	108.82
7	505a	91.33	9.0	100.33
	941a	88.23	9.0	97.23
	456p	89.26	9.0	98.26
8	530a	89.26	9.0	98.26
9	528a	87.20	9.0	96.20
10	524a	89.26	9.0	98.26
	430p	93.42	9.0	102.42
11	707p	98.74	9.0	107.74
12	514a	96.60	9.0	105.60
13	516a	91.33	9.0	100.33
14	520a	89.26	9.0	98.26
15	530a	89.26	9.0	98.26
16	510a	89.26	9.0	98.26
17	535a	88.23	9.0	97.23
18	510a	86.18	8.73	94.91
19	506a	86.18	9.0	95.18
20	500a	83.15	9.0	92.15
21	500a	80.16	7.92	88.08
22	455a	78.19	7.92	86.11
23	530a	76.24	7.92	84.16
24	500a	72.40	7.02	79.42
	905a	70.51	7.02	77.53
25	547a	68.64	7.02	75.66
	325p	70.51	7.02	77.53
26	523a	68.64	7.02	75.66
27	445a	65.87	7.02	72.89
28	535a	64.96	6.54	71.50
29	448a	66.79	6.36	73.15
30	510a	65.87	6.36	72.23
	Rain			
July 1	535a	72.40	6.36	78.76
2	450a	77.21	6.69	83.90
3	500a	69.57	6.54	76.11
4	530a	69.57	6.36	75.83
5	455a	68.64	6.36	75.00
6	450a	68.64	6.36	75.00
7	515a	67.71	6.69	74.40
8	515a	64.06	6.36	70.42
9	445a	64.06	6.00	70.06
	420p	62.26	6.0	68.26
10	440a	60.48	6.0	66.48
	1100a	58.73	5.51	64.24

PROVO BENCH CANAL

Date 1940		Time	Weir Cfs	N.O. Cfs	Total Cfs	Date 1940		Time	Weir Cfs	N.O. Cfs	Total Cfs
July	11	515a	58.73	5.51	64.24		23	530a	47.02	4.50	51.52
	12	530a	58.73	5.51	64.24		24	545a	49.44	4.50	53.94
	13	440a	59.60	5.27	64.87		25	530a	51.08	4.50	55.58
	14	520a	58.73	5.51	64.24		26	530a	50.26	4.64	54.90
	15	525a	59.60	5.27	64.87		27	540a	51.08	4.50	55.58
	16	512a	60.48	5.51	65.99		28	600a	49.44	4.50	53.94
	17	500a	61.37	6.36	67.73		29	548a	50.26	4.50	54.76
		310p	64.96	5.51	70.47		30	545a	49.44	4.50	53.94
	18	530a	64.06	5.51	69.57		31	610a	49.44	4.50	53.94
	19	510a	62.26	5.39	67.64						
	20	500a	60.48	5.27	65.75	Sept	1	540a	47.83	4.50	52.33
		1140a	58.73	5.51	64.24		2	600a	47.02	4.50	51.52
	21	455a	57.86	5.51	63.37		3	545a	49.44	4.50	53.94
	22	500a	55.28	5.51	60.79		4	550a	50.26	4.50	54.76
	23	530a	52.75	5.51	58.26		5	540a	56.13	4.50	60.63
	24	515a	51.91	5.05	56.96		6	600a	51.08	4.77	55.85
	25	530a	52.75	5.03	57.78		7	615a	52.75	4.77	57.52
	26	530a	51.91	5.03	56.94		8	604a	51.08	4.50	55.58
	27	514a	51.08	5.03	56.11		9	540a	53.59	5.03	58.62
		945a	51.08	5.03	56.11		10	554a	53.69	5.03	58.62
	28	520a	51.08	5.03	56.11		11	555a	53.59	5.03	58.62
	29	530a	50.26	5.03	55.29		12	620a	53.59	5.03	58.62
		530p	51.91	5.03	56.94		13	550a	55.28	5.03	60.31
	30	530a	51.91	5.03	56.94		14	1054a	55.28	5.03	60.31
	31	510a	50.26	5.03	55.29		15	1130a	56.13	5.03	61.16
Aug	1	512a	50.26	5.03	55.29		16	555a	54.43	5.03	59.46
	2	530a	51.08	5.03	56.11		17	605a	56.99	5.27	62.26
	3	520a	51.08	5.03	56.11		18	621a	56.13	5.27	61.40
	4	515a	51.91	5.03	56.94		19	550a	57.86	5.27	63.13
	5	515a	51.08	5.03	56.11		20	615a	64.96	5.84	70.80
	5	630p	51.91	5.03	56.94		22	620a	59.60	5.95	65.55
	6	525a	51.91	5.03	56.94		23	605a	58.73	5.95	64.68
	7	514a	50.26	5.03	55.29		24	600a	58.73	5.95	64.68
	8	530a	51.08	5.03	56.11		25	610a	60.48	5.84	66.32
		235p	53.59	5.03	58.62		26	615a	59.60	5.73	65.33
	9	1042a	53.59	5.03	58.62		27	1030a	59.60	5.73	65.33
	10	520a	51.08	5.03	56.11		28	1000a	59.60	5.62	65.22
	11	550a	50.26	5.03	55.29		29	1226p	59.60	5.95	65.55
	12	540a	49.44	5.03	54.47		30	1211p	61.37	5.73	67.10
	13	530a	49.44	5.03	54.47						
	14	540a	47.83	5.03	52.86	Oct	1	1154a	61.37	5.62	66.99
	15	530a	48.63	4.50	53.13		2	1140a	61.37	5.73	67.10
	16	520a	48.63	4.50	53.13		3	1056a	64.96	5.73	70.69
		420p	49.44	4.50	53.94		4	1010a	65.67	5.73	71.40
	17	528a	47.83	4.50	52.33		5	925a	66.79	5.73	72.52
	18	540a	49.44	4.50	53.94		6	1140a	66.79	5.84	72.63
	19	525a	49.44	4.50	53.94		7	1200m	70.51	6.46	76.97
	20	615a	49.44	4.50	53.94		8	920a	68.64	6.46	75.10
	21	555a	49.44	4.50	53.94		9	950a	71.45	6.26	77.71 r
	22	630a	47.83	4.50	52.33		10	837a	77.21	6.55	83.76

C R 1940

PROVO BENCH CANAL

Date 1940		Time	Weir Cfs	N.O. Cfs	Total Cfs	
Oct	11	900	77.21	6.65	83.86	
	12	1145a	76.24	6.65	82.89	
	13	1115a	77.21	6.55	83.76	
	15	320p	83.15	6.55	89.70	
	17	1225p	84.16	6.74	90.90	
	19	1235p	84.16	6.74	90.90	
	22	1055a	84.16	6.74	90.90	c
	23	250p	64.06	6.36	70.42	
	24	940a	64.06	6.36	70.42	
	25	1040a	64.06	6.55	70.61	
	27	1106a	68.64	6.36	75.00	
	29	1135a	64.96	6.74	71.70	
	31	1113a	67.71	6.36	74.07	
Nov	3	1035a	57.86	3.55	61.41	
	6	920a	31.49	00	31.49	
	8	1143a	26.88	00	26.88	
	14	1056a	28.82	00	28.82	
	16	908a	30.14	00	30.14	
	22	1150a	31.49	00	31.49	
	25	1130a	10.72	00	10.72	
	30	1252p	23.15	00	23.15	

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CC To Provo Bench Canal & Ir. Co.
% Ray V. Wentz, Pres.

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C R 1940

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

Date 1940		Time	W.Union Cfs	River Gage	Park& Nuttal	Barton & Young	
Apl	13	1120a	00	-	00	00	Cleaning
	18	1154a	10.56	-	4.2	-	
	19	351p	14.88	-	3.44	-	
	20	1100a	18.36	64	-	-	
	21	912a	21.96	73	-	-	
	22	1004a	21.36	71	-	-	
	23	1156a	16.32	62	-	-	
	24	554a	20.28	68	-	-	
	25	631a	23.04R	74	-	-	
	25	639a	27.00	-	-	-	Storm
	25	315p	27.00	75	-	-	
	27	1044a	27.00	75	-	-	
	29	328p	31.92	-	-	-	Stormy
	-	-	-	-	-	-	
May	2	920a	31.20	84	-	-	
	4	643a	27.00	73	-	-	
	5	649a	27.00	68	-	-	
	6	627a	30.00	65	-	-	
	7	610a	28.80	64	-	-	
	8	620a	26.40	68	4.81	0	
	8	1215p	27.00	72	-	-	
	9	559a	26.40	71	-	-	
	10	704a	33.12	72	-	-	
	10	241p	45.36	86	-	-	
	11	537a	45.36	84	-	-	
	11	422p	56.88	100	-	-	
	12	546a	56.88	98	-	-	
	13	619a	59.28	-	-	-	
	14	541a	64.20	-	-	-	
	15	552a	56.88	-	-	-	
	17	552a	59.28	-	-	-	
	18	554a	57.60				
	19	548a	21.96	(Break in Canal by Jeppsons)			
	20	542a	19.80	-	-	-	
	21	512a	27.00	70	-	-	
	22	532a	25.32	80	-	-	
	23	532a	24.12	78	8.63		
	24	546a	23/64	77	8.63		
		Canal repaired.		-	-	-	
	24	1044a	38.40	74	5.88	0	
	25	540a	37.08	74	6.00	-	
	26	532a	38.40	76	-	-	
	27	559a	37.08	74	-	-	
	28	542a	37.08	74	6.11	-	
	29	556a	37.08	74			
	29	930a	35.16	78	-	-	
	29	737p	35.16	77	-	-	
	30	615a	34.44	75	5.88	0	
	31	535a	34.44	74	5.44	0	
	31	354p	33.12	76	5.44	-	

C R 1940

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

Date 1940		Time	W.Union Cfs	River Gage	Park & Nuttal	Barton & Young	
Jun	1	638a	30.60	73	5.44	0	
	1	344p	30.00	72	-	-	
	2	520a	27.00	70	5.02	0	
	3	558a	25.80	75	0	0	
	4	527a	25.80	72	0	0	
	5	552a	25.80	76	0	0	
	6	542a	29.40	77	0	0	
	7	600a	24.72	71	5.66	0	
	7	930a	25.80	72	-	-	
	8	558a	25.80	76	0	4.68	
	9	624a	24.72	75	5.55	0	
	10	554a	25.80	76	5.55	0	
	10	453p	27.00	76	-	-	
	11	545a	28.20	77	0	0	
	11	729p	28.80	78	-	-	
	12	606a	28.20	77	0	0	
	13	556a	25.80	74	0	0	
	14	552a	25.80	75	0	0	
	15	604a	25.80	75	0	0	
	16	543a	28.80	75	0	4.86	
	17	620a	24.72	74	5.23	0	
	18	554a	22.56	71	4.60	0	
	19	555a	23.04	71	0	0	
	20	550a	22.56	69	0	0	
	21	548a	20.28	67	0	0	
	21	1145a	21.96	70	-	-	
	22	620a	21.96	69	0	0	
	23	614a	21.36	69	0	0	
	24	526a	19.32	67	3.72	0	
	24	928a	19.32	67			
	25	615a	20.88	69	0	3.86	
	26	546a	18.36	67	3.62	0	
	27	524a	17.28	67	3.62	0	
	28	603a	19.32	69	0	0	
	29	529a	18.36	67	0	0	
	30	539a	18.36	67	0	0	
	-	..	-	-	-	-	
Jly	1	610a	23.64	76	0	0	Rain
	2	528a	22.56	73	4.11	0	
	3	522a	18.36	68	0	3.5	
	4	551a	18.36	68	4.2	0	
	5	525a	18.36	66	3.62	0	
	6	518a	19.80	68	0	0	
	7	544a	17.76	66	0	0	
	8	543a	16.32	63	0	0	
	9	510a	17.76	66	0	0	
	9	530p	18.36	66	0	0	
	10	506a	15.36	64	0	0	
	10	1155a	16.32	66	-	-	
	11	600a	15.36	65	-	-	

C R 1940

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

Date 1940	Time	W.Union Cfs	River Gage	Park & Nuttal	Barton & Young
Jly 12	554a	15.36	65	2.99	0
13	514a	15.36	65	3.08	-
14	546a	15.84	65	0	0
15	550a	16.80	66	0	-
16	540a	15.36	64	0	-
17	525a	18.36	70	0	-
17	340p	18.36	70		
18	551a	18.36	67	0	-
19	535a	15.84	66	3.08	0
20	527a	13.92	62	2.90	0
20	1106a	15.36	65	-	-
21	522a	14.88	64	2.73	0
22	523a	14.40	63	2.73	0
23	551a	14.40	62	0	0
24	539a	13.56	61	0	0
25	553a	13.92	61	0	0
26	605a	14.88	63	0	0
27	545a	12.60	60	2.73	0
27	1030a	13.56	60	2.73	0
28	554a	13.56	61	0	-
29-	559a	13.08	60	2.73	0
29	616p	13.56	62	-	-
30	604a	13.56	62	2.73	0
31	735a	14.88	62	0	0
-	-	-	-	-	-
Aug 1	544a	14.88	63	0	0
2	552a	13.56	62	0	0
3	544a	13.56	62	0	0
4	537a	13.92	62	0	0
5	534a	13.92	62	0	
5	712p	13.56	62	-	-
6	556a	12.60	62	2.57	0
6	1010a	1356	63	-	-
7	537a	13.56	62	2.57	0
8	555a	13.92	63	0	0
8	306p	14.88	64	0	0
9	1104a	15.36	65	0	0
10	545a	13.92	63	0	0
11	615a	13.92	63	0	0
12	616a	13.92	62	0	0
13	552a	12.60	62	2.73	0
13	1119a	13.56	~~6x~~	0	2.73
14	605a	12.60	60	0	2.73
15	605a	12.24	62	2.82	0
16	544a	11.76	61	2.73	0
16	614p	13.08	62	0	0
17	554a	13.08	61	0	0
18	604a	13.08	61	0	0
19	600a	13.92	62	0	0
20	634a	13.92	63	0	0

C R 1940

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

Date 1940		Time	W.Union Cfs	River Gage	Park & Nuttal	Barton & Young
Aug	21	621a	13.56	62	2.9	0
	22	654a	13.56	62	0	2.65
	23	554a	12.24	61	2.73	0
	24	612a	13.56	64	3.35C	0
	25	556a	15.36	66	0	0
	26	546a	13.92	63	0	0
	27	600a	14.88	65	0	0
	28	623a	13.92	63	0	0
	29	613a	13.56	63	0	0
	30	615a	13.56	61	0	2.73
	31	632a	12.24	61	2.73	0
	-	-	-	-	-	-
Sep	1	607a	11.76	60	2.57	0
	2	630a	12.24	61	0	0
	3	614a	14.88	63	0	0
	4	612a	15.36	65	0	0 Rain
	5	604a	15.84	66	0	0
	6	621a	14.88	64	0	0
	7	640a	13.56	63	3.26C	0
	8	624a	14.40	63	0	2.73
	9	608a	13.92	64	0	2.73
	10	617a	13.56	63	2.99	0
	11	613a	14.40	63	0	0
	12	644a	14.40	64	0	0
	13	614a	15.84	66	0	0
	14	1030a	15.36	64	0	0
	15	1154a	13.56	63	3.26	0
	16	617a	13.92	62	0	2.82
	17	634a	15.36	62	2.73	0
	18	640a	15.36	63	2.73	0
	19	611a	15.84	64	3.62	0
	20	637a	18.36	66	0	0
	22	642a	16.80	64	0.4	0
	23	627a	15.36	62	0.58	0
	24	623a	13.56	61	3.44	0
	25	629a	13.56	61	3.44	0
	26	637a	14.40	61	3.44	0
	27	1104a	15.36	62	0	0
	28	1100a	15.84	61	0	0
	29	1207p	16.80	62	0.71	0
	30	1230p	17.28	62	9.71	0
	-	-	-	-	-	-
Oct	1	1210p	17.28	62	0.71	0
	2	1206p	17.28	63	0.58	3.44
	3	1034a	18.36	66	4.01	0
	4	1031a	20.28	69	0.48	0
	5	1114a	19.80	67	0.48	0
	6	12m	20.88	70	0.48	0
	7	1218p	17.76	65	0.48	0
	8	1002a	17.28	64	1.24	0

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

Date 1940	Time	W.Union Cfs	River Gage	Park & Nuttal	Barton & Young
Oct 9	1024a	20.88	69	0.36	0
10	859a	22.56	61	0.32	0
11	944a	21.36	63	0.99	0
12	1218p	20.28	62	0.99	-
13	1029a	19.32	64	0.93	C
15	342p	17.28	60	0.82	-
17	1157a	16.32	58	4.20	-
19	1216p	15.84	58	4.11	-
22	1118a	14.88	57	4.81	-
23	318p	18.36	59	-	-
24	1054a	17.28	59		
27	1136a	21.36	65		
29	1158a	20.88	64		
31	1139a	10.92			
-	-	-	-		
Nov 3	1110a	10.92			
6	12125p	9.36			
8	1203p	9.0			
14	1145a	4.80			
16	1034a	5.16			
22	1137a	5.16			
25	1147a	4.56			
30	1153a	4.56			

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Note: In Spring Park & Nuttal Ditch was extended to heading at River with 24 inch Gate, and Two-Foot Parshall Flume.
And in summer two-foot Parshall Flume was installed in head of Barton & Young Ditch.

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C R 1940

TIMPANOGUS CANAL COMPANY CANAL

Date 1940		Time	Cfs	
Apl	13	1049a	3.-	
	16	1110a	3.-	
	18	1200m	5.16	
	19	340p	5.16	
	20	1108a	5.16	
	22	944a	7.47	
	23	831a	10.53	
	24	547a	11.02	Storm
	25	1035a	9.00	
	29	320p	4.-	
May	4	635a	10.03	
	5	636a	19.39	
	6	617a	7.02	
	7	601a	10.30	
	8	600a	13.50	
	9	549a	13.50	
	10	622a	16.14	
	11	529a	22.80	
	12	526a	19.86	
	13	615a	18.96	
	14	530a	18.96	
	15	556a	19.68	
	16	637a	19.20	
	17	544a	18.00	
	18	558a	19.68	
	19	552a	19.44	
	20	552a	19.20	
	21	454a	18.24	
	22	524a	16.44	
	23	524a	16.98	
	24	607a	16.14	
	25	537a	16.14	
	26	523a	15.84	
	27	550a	16.14	
	28	534a	16.44	
	29	524a	16.44	
	30	607a	16.14	
	31	526a	16.14	
		423p	15.84	
June	1	630a	15.84	
	2	510a	14.70	
	3	551a	13.74	
	4	518a	13.38	
	5	543a	13.38	
	6	535a	13.38	
	7	550a	14.70	
	8	548a	13.38	
	9	628a	13.38	
	10	544a	13.38	
	11	533a	13.38	
		720p	13.38	
	12	557a	13.38	
	13	547a	13.38	
	14	544a	13.38	

Date 1940		Time	Cfs
June	15	543a	13.38
	16	535a	13.38
	17	612a	13.38
	18	523a	13.08
	19	548a	12.00
	20	540a	12.00
	21	540a	11.47
	22	610a	11.70
	23	546a	11.70
	24	518a	10.30
	25	607a	10.30
	26	536a	10.30
	27	517a	13.38
	28	600a	10.30
	29	525a	10.30
	30	526a	10.53
July	1	559a	10.53
	2	530a	10.30
	3	514a	10.03
	4	544a	10.30
	5	517a	10.75
	6	505a	10.53
	7	536a	10.30
	8	535a	10.30
	9	502a	10.03
	10	457a	9.81
		1150a	8.77
	11	531a	9.18
	12	545a	8.58
	13	525a	8.77
	14	536a	8.58
	15	546a	8.96
	16	533a	8.77
	17	515a	8.77
	17	334p	10.08
	18	544a	9.56
	19	527a	9.56
	20	516a	9.75
	21	514a	8.17
	22	515a	8.17
	23	543a	8.36
	24	532a	8.36
	25	545a	8.17
	26	555a	7.95
	27	530a	7.95
	28	538a	8.17
	29	547a	8.17
	30	555a	8.17
	31	525a	7.95
Aug	1	536a	7.50
	2	544a	7.23
	3	540a	7.72
	4	530a	7.72
	5	530a	7.50

C R 1940

TIMPANOGUS CANAL COMPANY CANAL

Date 1940	Time	Cfs
Aug 6	547a	7.50
7	533a	7.50
8	545a	7.50
	258p	7.50
9	1056a	7.50
10	537a	7.50
11	608a	7.50
12	602a	7.01
13	544a	7.72
14	557a	7.50
15	557a	7.50
16	540a	7.50
	605p	7.50
17	547a	7.50
18	557a	7.72
19	548a	7.50
20	630a	7.50
21	613a	7.50
22	647a	7.50
23	546a	7.50
24	603a	7.50
25	547a	7.50
26	545a	7.50
27	554a	7.50
28	615a	7.50
29	605a	7.50
30	608a	7.50
31	624a	7.50
Sept 1	559a	7.50
2	615a	7.50
3	606a	7.50
4	605a	7.50
5	557a	7.50
6	614a	7.50
7	629a	7.50
8	617a	7.50
9	600a	8.36
10	609a	8.36
11	609a	7.95
12	635a	8.17
13	607a	7.95
15	1144a	7.95
16	609a	7.95
17	621a	7.95
18	633a	8.36
19	607a	7.95
20	630a	9.18
22	634a	8.96
23	619a	8.96

Date 1940	Time	Cfs
Sept 24	615a	8.77
25	623a	8.77
26	628a	8.77
27	1100a	8.77
28	1034a	8.77
29	1215p	8.77
30	1247p	8.77
Oct 1	1215p	8.77
2	1157a	8.58
3	10.44a	8.58
4	1023a	8.58
5	1106a	8.58
6	1220p	8.58
7	1210p	8.58
8	954a	8.58
9	1007a	8.58
10	953a	6.48
11	936a	6.48
13	1021a	5.28
15	334p	6.48
17	1206p	6.48
19	1208p	6.22
22	1110a	6.48
23	310p	7.72
24	1046a	6.48
25	1117a	5.92
27	1121a	5.92
29	1147a	6.75
31	1127a	6.48
~~Oct~~		
Nov 3	1100a	5.92
6	1213p	6.48
8	1155a	4.95
14	1138a	4.95
22	1133a	6.48
25	1143a	5.28
30	1145a	6.22

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CC To Timpanogus Canal Company
% Wm Isaacson.

UPPER EAST UNION CANAL AND CITY CREEK

Date 1940	Time	U East Union Cfs	City Creek Cfs	Date 1940	Time	U East Union Cfs	City Creek Cfs	
Apl 13	1053a	Clng	14.40	Jun 3	554a	15.05	9.5	
16	1114a	0	11.30	4	522a	14.42	8.8	
18	1149a	0	11.52	5	549a	15.75	11.25	Storm
19	344p	**	14.40	6	538a	16.45	12.25	
20	1104a	**	14.40	7	554a	14.07	9.6	
21	916a	9.80	10.20	7	510p	15.05	10.75	
22	1000a	12.87	10.50	8	552a	14.77	10.55	
23	1150a	9.52	7.20	9	620a	14.42	10.05	
24	550a	11.27	9.80	10	548a	14.77	10.30	
25	625a	12.46	13.60	10	448p	14.42	9.15	
25	319p	13.88	13.60	11	537a	14.07	9.15	
27	1039a	6.86	17.80	11	724p	14.42	9.15	
29	324p	7.35	21.50	12	602a	14.07	9.15	
-	-	-	-	13	551a	13.79	8.90	
May 2	916a	7.14	20.60	14	548a	13.79	8.90	
4	639a	6.86	17.80	15	600a	13.79	8.90	
5	653a	12.46	12.40	16	539a	14.07	9.15	
6	621a	12.46	12.00	17	616a	13.79	8.70	
7	605a	12.46	12.00	18	550a	12.81	8.05	
8	616a	12.46	12.00	19	551a	13.16	8.25	
9	554a	12.46	12.00	20	544a	12.18	8.05	
10	700a	16.45	13.60	21	544a	11.83	7.00	
10	300p	28.21	26.60	22	614a	11.83	7.40	
11	533a	29.12	29.80	23	610a	11.55	7.40	
11	432p	36.96	37.80	24	522a	11.55	7.20	
12	530a	39.90	34.9	25	611a	11.55	7.4	
13	620a	35.49	37.8	26	542a	10.99	7.-	
14	537a	35.49	35.5	27	520a	10.99	6.8	
15	544a	35.49	35.5	28	604a	10.99	7.0	
16	641a	34.58	34.3	29	535a	10.99	6.8	
17	548a	31.78	30;9	30	535a	10.99	6.8	
18	551a	30.87	28.7	-	-	-	-	
19	544a	30.87	27.6	Jly 1	604a	12.46	8.05	
20	548a	28.70	25.5	2	523a	11.83	8.05	
21	507a	23.24	16.9	3	518a	10.99	6.8	
				*	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	
22	528a	22.40	19.7	4	547a	11.27	7.2	
23	527a	22.40	19.2	5	521a	10.99	6.8	
24	552a	21.63	17.8	6	511a	10.99	7.0	
25	545a	18.62	12.0	7	540a	10.71	6.8	
26	527a	18.97	12.8	8	539a	10.08	5.8	
27	554a	18.20	12.4	9	505a	10.71	6.4	
28	537a	17.85	12.0	9	507p	10.36	6.0	
29	548a	17.85	12.4	10	501a	10.08	6.0	
30	611a	17.50	12.0	12	549a	9.80	6.0	
31	529a	16.80	11.3	13	509a	10.08	6.2	
31	345p	16.80	11.3	14	542a	9.80	6.0	
-	-	-	-	15	603a	9.80	6.6	
Jun 1	634a	15.40	10.2	16	537a	9.52	6.6	
1	340p	15.40	9.8	17	521a	10.36	7.4	
2	514a	14.07	9.1	18	547a	10.08	7.2	

Note: ** Installed Concrete Weir 1' x 7' Suppressed.

C R 1940

UPPER EAST UNION CANAL AND CITY CREEK

Date 1940		Time	U East Union	City Creek	Date 1940		Time	U East Union	City Creek	
Jly	19	531a	9.52	6.8	Sept	1	603a	7.14	4.55	
	20	523a	8.4	6.4		2	619a	7.14	4.55	
	20	1110a	9.24	7.0		3	620a	7.91	5.1	
	21	518a	9.24	6.6		4	608a	7.35	5.1	
	22	519a	8.96	6.0		5	600a	8.40	5.45	
	23	547a	8.68	6.0		6	617a	8.40	5.25	
	24	535a	8.40	5.65		7	632a	8.40	5.25	
	25	549a	8.68	5.8		8	620a	8.40	5.1	
	26	559a	8.68	6.0		9	603a	8.68	5.25	
	27	541a	8.40	5.65		10	613a	8.40	5.25	
	27	1037a	8.40	5.25		11	617a	8.40	5.25	
	28	542a	8.12	5.25		12	639a	8.40	5.10	
	29	550a	8.40	5.25		13	610a	8.96	5.65	
	30	559a	8.68	5.45		14	1034a	8.68	5.25	
	31	529a	8.68	5.65		15	1148a	8.40	5.1	
Aug	1	540a	8.40	5.25		16	613a	8.40	5.1	
	2	547a	8.12	5.1		17	624a	8.68	5.25	
	3	608a	8.12	5.1		18	636a	8.96	5.45	
	4	533a	8.40	5.1		19	618a	8.96	5.45	
	5	540a	8.12	5.1		20	633a	9.52	5.8	
	6	551a	7.91	5.1		22	638a	8.96	5.45	
	7	542a	8.12	5.1		23	623a	8.68	5.25	
	8	549a	8.12	5.1		24	618a	8.40	5.1	
	8	302p	8.4	5.25		25	626a	8.12	5.1	
	9	1108a	8.40	5.45		26	632a	8.40	5.1	
	10	541a	8.12	5.25		27	1108a	8.68	5.25	
	11	611a	8.40	5.25		28	1106a	8.68	5.25	
	12	612a	7.91	5.25		29	1212p	8.96	5.45	
	13	548a	7.91	4.9		30	1224p	8.96	5.45	
	14	601a	7.63	4.75		-	-	-	-	
	15	601a	7.63	4.9	Oct	1	1206p	9.24	5.45	
	16	550a	7.35	4.75		2	12m	8.96	5.45	
	16	609p	7.63	4.75		3	1030a	9.80	6.00	
	17	550a	7.35	4.75		4	1027a	10.08	6.4	
	18	600a	7.35	4.75		5	1110a	10.08	6.2	
	19	604a	7.91	4.9		6	1156a	10.08	6.2	
	20	640a	7.91	5.1		7	1214p	9.24	5.65	
	21	617a	7.91	4.9		8	958a	9.24	5.65	
	22	650a	7.63	4.75		9	1016a	10.71	6.60	
	23	550a	7.35	4.75		10	855a	10.71	6.60	(6.6)
	24	608a	7.91	5.1		11	939a	10.08	6.2	
	25	552a	8.12	5.25		12	1214p	9.8	6.0	
	26	556a	7.63	4.9		13	1025a	10.36	6.4	
	27	606a	7.91	5.25		15	338p	9.8	6.0	
	28	619a	7.63	5.1		17	1202p	10.08	6.2	
	29	609a	7.63	4.9		19	1212p	9.24	5.45	
	30	612a	7.35	4.75		22	1114a	8.96	5.45	
	31	628a	7.35	4.75		23	314p	10.08	6.2	
	-	-	-	-		24	1050a	10.08	6.2	
	-	-	-	-		27	1132a	11.83	8.05	
						29	1151a	11.55	7.65	
						31	1131a	13.44	9.6	
					Nov	3	1104a	14.42	10.3	
						6	1217p	15.05	11.3	
						8	1159a	15.40	10.9	
						14	1142a	10.08	5.6	
						16	1055a	6.86	3.5	
						25	1225p	4.13	4.5	
						30	1149a	3.57	3.3	

CC To Thos. Ashton,
Pres. U.E.Union.

LAKE BOTTOM CANAL

Date 1940		Time	Cfs
Apl	18	1010a	00
May	2	1130a	6.-
	8	1010a	6.-
	11	627a	14.04
	14	618a	11.58
	17	630a	15.00
	20	625a	14.04
	23	608a	13.09
	25	628a	12.00
	28	619a	14.04
		1245p	11.22
June	2	915a	11.15
	4	615a	13.20
	6	630a	11.70
	8	1000a	11.15
	11	604a	12.25
	13	945a	11.70
	14	630a	12.75
	18	950a	8.65
	20	1150a	7.05
	21	1030a	10.00
	23	700a	9.00
	25	1122a	6.10
	29	620a	8.65
	30	628a	7.90
Jly	1	624p	11.70
	2	610a	12.25
	3	557a	9.00
	5	608a	10.00
	6	557a	9.00
	7	625a	8.30
	9	555a	7.05
	10	555a	8.30
	13	555a	9.35
	14	1147a	9.35
	15	1130a	8.65
	16	627a	8.65
	17	600a	7.05
	18	1005a	8.65
	19	615a	8.24
	21	605a	8.00
	22	600a	8.72
	22	1026a	6.92
	25	835a	6.92
	27	1145a	6.00
	28	1035a	6.00
	31	610a	6.92

Date 1940		Time	Cfs	
Aug	1	620a	7.48	
	3	430p	4.88	
	4	617a	9.16	
	6	1100a	8.24	
	9	755a	8.00	
	12	1200m	6.92	
	16	625a	7.48	
	17	1125a	6.92	
	20	530p	8.00	
	23	634a	6.32	
	25	637a	7.20	
	29	1210p	7.72	
Sept	1	1000a	8.00	
	2	1040a	6.32	
	4	1025a	6.64	
	6	1050a	5.64	
	9	1005a	7.48	
	13	1200m	5.64	Rain
	18	925a	4.88	
	25	1130a	6.00	
Oct	4	1135a	9.16	
	5	1150a	6.92	
	10	1030a	5.49	
	17	1100a	4.00	
	18	Turns out to 00 thru for season.		

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C R 1940

TANNER DRAIN

Date 1940	Time	N Drain GH	N Drain Cfs	O Drain GH	O Drain Cfs	Total Cfs
Jun 2	1000a	75		73		
13	900a	51	1.35	80	3.31	4.66
Jly 27	1100a	37	0.49	66	1.45	1.94
Aug 3		34	0.45	67	1.40	1.85
Sep 1	1030a	26	0.20	56	1.13	1.33
2	1000a	32		55		
3	1110a	48		67		
4	1045a	48	0.75	69	1.74	2.49
6	1000a	40	0.44	73	2.01	2.45
8	1100a	34		64		
9	930a	34		64		

LITTLE DRY CREEK IRRIGATION COMPANY CANAL
Four Foot Clpp. Weir

Date 1940	Time	Cfs
Apl 13	936a	00
18	1025a	0.75 ap
21	1142a	5.49
22	1048a	4.76
27		1.5-
May 2	1056a	00
4	800a	00
7	638a	3.41
8	648a	3.93
9	645a	5.49
10	400p	6.57
11	632a	8.57
12	626a	10.4
14	624a	11.5
17	636a	7.89
19	628a	13.50
20	636a	11.1
23	621a	7.55
24	521a	7.89
25	644a	6.73
26	556a	7.55
27	635a	7.89
28	624a	7.38
29	627a	6.42
30	644a	9.10
31	628a	7.89
Jun 2	600a	5.49
3	626a	7.89
4	621a	5.95
5	623a	7.22
6	637a	7.38
7	413p	5.80
8	632a	6.26
9	653a	5.95
10	633a	6.57
11	636a	7.55
12	635a	7.89
13	638a	6.57
14	638a	6.26
15	640a	7.22
16	626a	6.26
17	650a	6.26
18	625a	6.57
19	635a	6.26
20	620a	5.80
21	621a	5.20
22	648a	5.49
23	705a	5.34
24	618a	5.34
25	1109a	5.49
26	332p	4.34
27	558a	4.62
28	1024a	4.90
29	626a	4.48
30	636a	4.76

Date 1940	Time	Cfs
July 1	600p	6.90
2	617a	5.49
3	605a	6.57
4	622a	4.62
5	620a	4.48
6	604a	5.20
7	635a	4.90
8	630a	4.62
9	605a	4.34
10	542a	5.20
10	1235p	4.20
12	624a	4.48
13	608a	4.62
14	620a	4.90
15	627a	4.34
16	632a	4.62
17	610a	5.05
18	955a	4.90
19	624a	4.90
20	608a	4.34
21	614a	4.34
22	612a	3.66
23	627a	3.41
24	623a	3.16
25	624a	3.66
26	636a	3.80
27	633a	3.93
28	648a	4.48
29	640a	4.20
30	637a	3.93
31	618a	3.66
Aug 1	634a	3.66
2	626a	3.93
3	634a	3.80
4	625a	3.93
5	619a	4.06
6	630a	3.66
7	616a	3.66
8	620a	3.54
8	340p	3.66
9	730a	3.66
10	614a	3.66
11	641a	3.66
12	6.44a	3/80
13	628a	3.66
14	642a	3.54
15	639a	3.54
16	632a	3.41
17	645a	3.28
18	631a	3.41
19	646a	3.54
20	538p	3.41
21	654a	3.41
23	641a	3.54
24	648a	3.66

C R 1940

LITTLE DRY CREEK IRRIGATION COMPANY CANAL

Date 1940	Time	Cfs
Aug 25	645a	3.66
26	627a	3.54
27	635a	3.54
28	648a	3.41
29	642a	3.41
30	644a	3.16
-	-	-
Sept 1	636a	3.03
2	700a	3.03
3	650a	3.93
4	1012a	4.06
5	644a	4.62
6	651a	3.80
7	703a	4.06
8	650a	4.62
9	650a	4.90
10	644a	4.48
11	643a	4.48
12	705a	4.34
13	649a	4.90
14	1007a	4.48
15	1022a	4.20
16	644a	4.48
17	654a	4.76
18	939a	5.34
19	640a	4.62
20	1200m	4.90
22	1046a	4.06
24	647a	3.66
26	702a	4.48
27	1150a	4.34
28	1132a	4.48
29	1130a	4.34
30	1140a	4.90
-	-	-
Oct 1	1122a	3.03
2	1242p	4.34
4	1144a	4.90
5	1200m	4.34
6	1251p	5.80
9	1100a	3.66
10	1055a	4.62
12	1117a	4.90
15	407p	4.90
17	1042a	4.90
22	1200m	4.62
24	1122a	5.20
27	1206p	4.90
29	1123a	4.90
31	1204p	4.90
Nov 3	1143a	4.90
14	1214p	1.30

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C R 1940

FORT FIELD UPPER CANAL

Date 1940	Time	Cfs	Passing Approx.Cfs.
Apl 18	1014a	0.4-	-
May 2	1104a	0.0	-
7	646a	0.0	4.
8	1018a	0.0	2.-
11	643a	1.55	-
14	634a	1.40	-
19	636a	3.10	-
23	631a	2.5	6.
24	510a	2.22	5.
25	654a	1.-	3.-
26	608a	1.	3.
28	634a	2.2	0
29	636a	2.05	0
- -	-	-	-
Jun 2	612a	1.18	0
4	633a	2.9	0
5	633a	3.1	0
6	648a	4.42	0
7	400p	3.2	0
8	645a	3.2	0
9	700a	2.9	0
10	645a	3.0	0
11	650a	3.1	0
12	644a	3.1	0
13	652a	2.9	0
14	645a	2.7	0
15	651a	2.8	0
16	643a	2.22	0
18	640a	2.9	0
19	644a	2.6	0
20	635a	2.4	0
23	714a	2.22	0
25	1055a	1.9	
26	248p	1.55	0
27	617a	1.6	0
29	636a	1.8	0
-	-	-	-
Jly 1	548p	1.62	0
2	630a	2.5	0
3	6.15a	1.55	0-
4	633a	2.6	0
5	630a	2.05	0
6	614a	2.05	0
7	650a	2.05	0
9	622a	1.48	0
10	620a	1.8	0
12	637a	1.9	0
13	617a	1.8	0
14	1207p	1.9	
15	644a	1.55	0

Date 1940	Time	Cfs	Passing Approx.Cfs
Jly 16	643a	1.2	0
17	624a	2.22	0
18	942a	2.22	0
19	635a	2.22	
20	616a	2.22	0
21	626a	1.87	0
22	626a	1.87	0
23	640a	1.87	0
24	640a	1.25	0
25	632a	1.4	0
26	645a	1.25	0
28	1100a	2.04	0
29	651a	2.2	
30	647a	2.2	
31	630a	2.2	
Aug 1	646a	2.4	0
2	639a	2.2	0
3	645a	2.4	0
4	637a	1.5	0
5	631a	2.0	0
6	639a	2.0	0
7	626a	2.2	0
8	628a	2.3	0
	351p	2.1	0
9	916a	2.2	0
10	631a	2.4	0
11	1115a	2.2	0
12	650a	2.2	0
13	638a	2.15	0
14	651a	2.25	0
15	648a	2.05	0
16	640a	1.9	0
17	1151a	1.8	0
18	642a	1.65	0
23	650a	1.6	0
24	656a	1.9	
25	705a	1.9	0
26	641a	1.75	0
27	646a	1.7	0
28	700a	1.6	0
29	652a	1.6	0
30	652a	1.7	0
-	-	-	-
Sept 1	930a	1.22	0
2	1110a	1.3	0
3	708a	1.2	0
4	1000a	1.5	0
5	656a	1.3	0
6	702a	1.75	0
7	711a	2.05	0

C R 1940

FORT FIELD UPPER CANAL

Date 1940	Time	Cfs	Passing Approx.Cfs.
Sept 8	700a	2.05	0
9	7.01a	2.05	0
10	650a	2.05	0
11	651a	1.9	0
12	717a	1.8	0
13	700a	1.8	0
14	950a	1.8	0
15	1014a	1.8	0
16	654a	1.8	0
17	702a	1.8	0
18	950a	1.8	0
19	655a	1.8	0
20	1130a	1.8	2.-
22	1016a	1.5	.5
26		2.0	
27	1204p	0.5	.5
28	1144a	1.-	.5
29	1115a	1.-	.5
30	1125a	1.-	.5
-	-	-	-
Oct 1	1110a	1.-	.5
4	1156a	1.-	NS
5	1212p	1.-	1.
8	1232p	1.-	1.
10	1110a	1.-	Spilling
15	416p	1.-	"
17	1030a	1.-	"
22	1225p	1.8	"
27	1214p	2.35	"
29	1132a	2.2	"
31	1224p	2.2	"
-	-	-	-
Nov 3	1156a	.5	"
8	1030a	.5-	

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C R 1940

WASATCH CANAL: NORTH FIELD CANAL: TIMPANOGUS IRRIGATION COMPANY CANAL, AND MIDWAY RIVER DITCH.

Date 1940	Time	Wasatch N.Fd Cfs	Cfs	Timpanogus Time	Cfs	Midway RD Time	Cfs
Apl 12	430p	18.90	19.80	1100a	33.10		
13	135p	20.35	23.40	145p	34.45	200p	7.10
15	940a	18.90	23.40	1015a	37.10	900a	39.70
16	930a	20.35	57.75	940a	35.75	915a	30.80
17	920a	38.70	49.35	930a	45.40	855a	24.55
18	810a	49.70	41.40	820a	49.90	755a	23.85
19	855a	68.00	68.70	900a	31.96	815a	47.30
20	820a	68.05	66.90	830a	56.05	805a	48.50
21	835a	74.90	76.35	845a	52.90	815a	54.40
22	825a	79.40	82.25	835a	52.90	810a	52.50
23	845a	86.40	78.30	850a	60.85	820a	41.70
24	840a	79.40	61.35	855a	57.60	820a	47.30
25	750a	74.90	72.45	820a	60.85	735a	52.00
26	815a	68.00	66.90	825a	55.30	800a	48.50
27	840a	63.90	63.15	850a	51.40	830a	47.30
28	855a	66.00	64.95	905a	53.00	840a	45.00
29	835a	61.75	57.75	845a	54.50	815a	43.90
30	745a	63.90	61.35	755a	54.50	730a	46.10
-	-	-	-	-	-	-	-
May 1	830a	63.90	60.45	840a	54.50	820a	41.70
2	640a	63.90	60.45	650a	55.30	630a	45.00
3	700a	68.05	63.15	710a	59.30	645a	56.90
4	650a	88.90	105.75	700a	57.60	630a	58.00
5	825a	63.90	56.10	905a	54.50	810a	52.00
6	630a	79.40	84.30	650a	54.5	630a	49.70
7	700a	68.05	64.95	715a	59.30	650a	53.20
8	700a	68.05	66.90	710a	57.60	645a	51.20
9	655a	91.20	90.60	710a	62.50	625a	53.40
10	710a	91.25	86.40	715a	64.20	650a	42.90
11	735a	106.40	114.75	750a	64.20	725a	45.00
12	720a	111.80	121.80	740a	64.20	650a	47.20
13	655a	114.30	126.60	715a	64.20	635a	54.06
14	700a	117.00	121.80	710a	62.50	620a	55.20
15	645a	114.30	121.80	700a	62.50	635a	55.20
16	515a	111.80	121.80	525a	64.20	500a	55.20
17	650a	111.80	126.60	705a	62.50	635a	55.20
18	700a	111.80	124.20	720a	64.20	645a	46.90
19	630a	109.10	114.75	640a	69.20	615a	63.70
20	650a	111.8	119.4	700a	65.9	640a	54.05
21	645a	111.8	119.4	655a	69.2	635a	50.6
22	655a	91.25	90.60	700a	65.9	630a	52.9
23	640a	91.25	90.60	650a	69.20	630a	51.7
24	640a	91.25	90.60	650a	65.90	630a	51.7
25	500a	91.25	90.60	510a	65.90	450a	51.7
26	535a	88.90	88.50	540a	62.50	515a	48.30
27	505a	101.30	112.50	515a	65.90	450a	51.70
28	450a	91.30	92.70	500a	65.90	440a	54.05
29	520a	88.90	86.40	525a	60.85	505a	51.70
30	520a	88.90	82.35	530a	67.50	505a	55.21
31	525a	79.40	78.30	530a	65.90	510a	54.05

C R 1940

WASATCH CANAL: NORTH FIELD CANAL: TIMPANOGUS IRRIGATION COMPANY CANAL: AND MIDWAY RIVER DITCH.

Date 1940		Time	Wasatch Cfs	N.Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Midway RD Time	Midway RD Cfs	
Jun	1	520a	79.40	80.25	525a	69.20	510a	50.60	
	2	515a	81.70	72.45	530a	62.50	505a	48.3	
	3	530a	73.80	64.95	535a	59.30	520a	40.8	
	4	525a	74.90	61.35	535a	38.40	515a	47.2	
	5	550a	70.30	59.55	555a	38.4	530a	46.1	
	6	515a	70.30	61.35	530a	38.4	500a	38.65	
	7	520a	65.00	54.3	535a	37.1	510a	37.65	
	8	515a	70.3	51.0	525a	30.6	500a	26.3	
	8	615p	71.46	50.10	625p	30.6	605p	26.[illegible]	
	9	550a	70.3	51.0	600a	29.4	535a	26.3	
	10	520a	68.05	49.35	530a	27.0	500a	26.3	
	10	610p	68.05	42.9	615p	30.6	555p	16.65	
	11	535a	70.3	32.55	545a	27.0	520a	17.2	
	12	520a	63.9	31.2	530a	25.8	510a	14.5	
	13	520a	66.05	29.85	540a	21.35	510a	15.2	
	14	525a	74.9	31.2	535a	21.4	515a	14.5	
	15	530a	70.3	34.0	545a	21.4	520a	14.9	
	16	640a	66.05	29.85	650a	24.7	625a	15.2	
	17	525a	66.05	29.85	535a	21.95	515a	13.8	
	18	525a	61.75	28.6	535a	22.55	515a	13.8	
	19	525a	53.65	24.6	530a	22.00	510a	13.8	
	19	300p	54.7	29.85	315p	24.8	225p	12.5	Extension Off 400p
	20	545a	51.7	27.3	550a	25.8	530a	12.2	
	21	520a	45.9	19.8	530a	24.7	505a	11.2	
	22	525a	40.5	18.75	535a	25.8	510a	11.2	
	23	525a	35.45	13.35	535a	21.95	515a	11.85	
	24	525a	35.45	13.35	530a	22.55	515a	11.5	
	25	550a	37.1	13.35	555a	22.55	535a	11.85	
	26	525a	31.30	11.55	535a	22.0	515a	11.2	
	27	535a	29.0	5.55	545a	22.0	525a	10.0	
	28	525a	27.6	5.55	535a	21.4	515a	10.6	
	29	535a	32.05	5.55	640a	25.8	520a	11.2	
	30	600a	30.4	7.05	610a	24.7	545a	10.7	
	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	
Jly	1	600a	37.05	7.8	610a	25.8	540a	12.5	
	2	600a	49.7	16.5	610a	22.0	550a	11.5	
	3	550a	40.5	14.4	600a	22.0	535a	11.5	
	4	540a	35.45	8.25	550a	22.0	520a	11.85	
	5	540a	36.2	7.05	550a	22.0	530a	10.6	
	6	605a	29.0	6.3	610a	27.6	540a	10.6	
	7	615a	32.05	4.95	620a	19.3	600a	10.6	
	8	545a	38.7	5.25	555a	18.85	530a	10.6	
	9	600a	29.0	4.95	610a	19.3	535a	10.6	
	10	505a	23.75	4.95	545a	19.3	520a	10.3	
	11	530a	28.25	4.2	540a	17.3	515a	10.6	
	12	540a	29.0	4.2	545a	17.3	520a	11.2	
	13	600a	29.7	4.95	605a	18.4	545a	10.0	
	14	545a	17.65	4.2	615a	23.65	520a	9.4	
	15	545a	25.9	4.65	555a	19.8	530a	10.0	

C R 1940

WASATCH CANAL: NORTH FIELD CANAL: TIMPANOGUS IRRIGATION COMPANY CANAL AND MIDWAY RIVER DITCH

Date 1940		Time	Wasatch Cfs	N Fd. Cfs	Timpanogus Time	Timpanogus Cfs	Midway RD Time	Midway RD Cfs	
Jly	16	550a	27.55	4.65	600a	18.35	535a	10.0	
	16	1240p	25.9	4.65	1225p	19.3	1250p	10.0	
	17	550a	20.9	14.40	600a	18.85	535a	11.2	
	18	555a	17.1	12.45	600a	18.35	540a	11.2	
	19	555a	14.05	8.85	600a	18.40	545a	11.85	Timp. Thru 1145a.
	20	720a	15.1	10.6	-	-	555a	10.6	
	21	635a	14.05	9.6	-	-	615a	10.9	
	22	600a	12.95	9.3	-	-	540a	10.6	
	23	555a	10.1	7.05	-	-	535a	10.0	
	24	605a	7.75	4.95	-	-	545a	10.0	
	25	645a	4.3	3.6	-	-	635a	8.8	
	26	600a	7.2	4.95	-	-	545a	9.7	
	27	540a	6.85	4.95	-	-	530a	10.0	
	28	610a	6.85	4.95	-	-	600a	10.6	
	29	540a	15.10	7.8	-	-	530a	10.0	
	30	600a	10.6	8.85	-	-	545a	9.4	
	31	615a	8.65	5.55	-	-	605a	10.0	
	- -	--	-	-	-	-	-	-	
Aug	1	550a	7.75	4.95	-	-	540a	10.6	
	2	620a	8.65	5.55	-	-	605a	9.9	
	3	550a	10.6	6.3	-	-	535a	10.6	
	4	610a	10.6	6.3	-	-	600a	10.6	
	5	620a	12.95	7.05	-	-	600a	8.2	
	6	600a	11.15	8.05	-	-	545a	10.6	
	7	610a	10.6	7.05	-	-	600a	10.6	
	8	600a	10.6	7.05	-	-	545a	10.6	
	9	550a	10.1	7.05	-	-	525a	10.6	
	10	545a	8.65	6.3	-	-	530a	10.6	
	11	550a	7.75	6.3	-	-	535a	10.0	
	12	545a	6.85	5.55	-	-	525a	9.38	
	13	715a	5.95	5.55	-	-	700a	10.6	
	14	725a	6.85	6.3	-	-	715a	10.0	
	15	725a	5.95	4.95	-	-	715a	10.0	
	16	730a	6.85	5/55	-	-	715a	10.0	
	17	1125a	5.95	5.55	-	-	1115a	10.0	
	18	630a	10.6	7.05	-	-	620a	9.40	
	19	615a	7.75	5.25	-	-	550a	10.0	
	20	625a	7.2	4.95	-	-	615a	10.6	
	21	615a	8.10	5.55	-	-	600a	8.8	
	22	620a	10.6	6.3	-	-	600a	9.4	
	23	610a	9.55	6.3	-	-	600a	8.8	
	24	630a	8.65	7.05	-	-	615a	11.2	
	25	620a	11.15	7.5	-	-	615a	10.6	
	26	615a	15.10	9.6	-	-	5.55a	10.6	
	27	640a	14.6	10.0	-	-	630a	9.4	
	28	615a	11.7	8.85	-	-	605a	9.1	
	29	530a	9.55	7.05	-	-	525a	10.0	
	30	630a	10.6	7.05	-	-	600a	10.6	
	31		8.65	6.3	-	-	-	12.5	
	-	-	-	-	-	-	-	-	

C R 1940

WASATCH CANAL: NORTH FIELD CANAL: TIMPANOGUS IRRIGATION COMPANY CANAL: AND MIDWAY RIVER DITCH

Date 1940		Time	Wasatch Cfs	N.FD. Cfs	Midway RD Time	Midway RD Cfs	Timpanogus Time	Timpanogus Cfs
Sep	1	630a	8.65	6.3	620a	10.6	-	-
	2	550a	7.75	5.55	530a	10.6		
	3	630a	13.5	7.8	610a	11.2		
	4	625a	14.05	9.6	610a	11.2		
	5	625a	16.4	11.1	610a	5.7	-	-
	6	630a	14.05	9.6	620a	5.7	-	-
	7	635a	14.05	9.6	630a	5.7		
	8	625a	16.4	11.1	610a	12.5		
	9	610a	16.4	11.1	600a	13.10		
	10	620a	17.65	11.55	610a	11.85	-	-
	11	610a	16.4	11.1	555a	11.5	-	-
	12	625a	15.85	10.6	615a	11.2		
	13	615a	18.9	12.0	600a	11.85		5.7 Stock Watering
	14	550a	20.35	12.90	530a	12.5	600a	5.7
	15	620a	14.05	9.6	610a	13.8	640a	4.55
	16	625a	14.05	9.6	615a	14.5	635a	4.55
	17	640a	12.95	9.6	620a	14.5		4.55
	18	630a	15.1	9.6	620a	11.2	645a	5.1
	19	620a	15.85	10.03	610a	11.85	635a	5.1
	20	625a	23.05	13.35	615a	13.10	635a	3.4
	21	635a	20.35	12.45	625a	12.5	645a	5.7
	22	630a	18.4	11.55	620a	12.6	635a	5.1
	23	635a	17.65	10.65	625a	12.6	645a	5.1
	24	630a	16.4	10.6	620a	11.85	640a	5.1
	25	640a	16.40	10.6	630a	11.85	650a	5.1
	26	625a	16.40	10.6	615a	11.5	630a	5.7
	28	635a	16.4	10.6	625a	11.2	640a	5.7
	29	635a	18.9	11.55	625a	11.85	645a	5.7
	30	630a	20.90	12.0	615a	12.5	640a	5.7
	-	-	-	-	-	-	-	-
Oct	3	635a	22.3	15.45	625a	12.7	645a	6.4
	7	410p	23.75	16.50	345p	12.8	415p	5.1
	12	420p	27.55	17.55	410p	13.8	455p	2.9R
	17	1250p	21.6	14.4	100p	10.6	1020a	5.7
	25	215p	20.35	13.35	200p	11.85	220p	5.4
Nov	1	950a	24.5	16.5	935a	13.8	1035a	5.7
	8	1015a	30.4	18.75	1005a	15.2	1025a	5.1
	14	1030a	11.7	18.75	-	-	1105a	5.1
	25	430p	2.9	6.3	-	-	-	-

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C. R. 1940

ONTARIO TUNNEL 1940

Observations at Hailstone Bridge, Suppressed Weir 1.5' x 12'

Date 1940		Cfs	Month Mean	Date 1940		Cfs	Month Mean	Average Mean
Apl	16	17.76		Aug	8	14.04		
	23	13.20	-----		17	14.04		
					23	14.04		
May	2	13.20			26	15.48		
	13	11.52			29	15.48	14.62	
	15	12.56						
	17	13.20		Sep	9	15.84		
	27	14.04	12.86		16	14.52		
					29	15.84	15.40	14.294
Jun	4	14.04						
	9	15.00		Oct	5	15.84		
	17	13.20						
	26	15.00	14.31					
Jly	3	15.00						
	9	14.04						
	20	14.04						
	25	14.04	14.28					

Mean flow of Ontario Tunnel Water May, June, July, August and September 1940, -- 14.3 cfs at weir under bridge at Hailstone, and plus the 1.0 cfs used by George Fisher, above weir, is a total of 15.3 cfs, and delivered as follows:-

Midway Irrigation Company, in own right . . . . . 5.5 cfs

Daly Mining Company, leased to George Fisher . . . . 1.0 "
Daly Mining Company, leased to Midway Irrig.Co. . . . 3.9 "

Utah Power & Light Company, in own right, used thru Olmstead Plant for generation of power, and thereafter used for irrigation by Provo Reservoir Company under lease from Utah Power & Light Company . . . . 4.9 "

Total . . . . . 15.3 "

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CC Utah Power& Light Co. % E.G.Thorum
Daly Mining Co. % P.H.Hunt
Midway Irrigation Co. % Grace Sonderegger
Provo Reservoir Company
I.F.Baum, Commissioner Wasatch Division.

TFW 10-17-40 - - - - - - -

C R 1940

TOTAL PROVO RIVER WASATCH DAM

Morning Observations:-

Date 1940	April	May	June	July	August	Sept	Oct
1	-	250	353	162	45	30	---
2	-	250	342	156	44	28	---
3	-	309	297	143	50	37	61
4	-	416	289	139	52	39	--
5	-	380	283	133	55	46	--
6	-	388	292	130	48	41	--
7	-	396	257	123	44	41	63
8	-	436	245	110	48	46	--
9	-	485	240	103	49	47	--
10	-	714	236	92	45	47	--
1	-	768	224	101	38	44	--
2	-	844	202	108	35	43	67
3	130	867	205	109	42	48	--
4	-	910	205	87	44	57	--
5	172	906	204	105	38	51	--
6	176	940	190	109	39	53	--
7	159	890	161	105	38	51	56
8	179	872	159	90	37	56	--
9	239	656	148	88	40	54	--
20	267	627	150	74	41	72	--
1	298	580	129	71	37	66	--
2	296	557	125	68	40	59	--
3	276	530	129	59	30	58	--
4	310	512	132	59	43	54	--
5	377	470	139	46	42	54	55
6	376	460	132	46	42	53	--
7	314	496	128	47	40	--	--
8	298	508	122	52	35	51	--
9	273	449	131	53	30	58	--
30	268	378	130	46	34	56	--
1	xxx	361	xxx	44	32	xx	xx

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CC To State Engr.
I.F.Baum.

C R 1940

NATURAL PROVO RIVER WASATCH DAM

CALCULATED, TOTAL LESS STORAGE, TUNNEL AND WEBER RIVER.

Morning Observations:-

Date 1940	April	May	June	July	August	Sept	Oct
1	-	236	262	45	17	15	--
2	-	237	250	39	44	13	---
3	-	295	206	26	23	21	46
4	-	403	195	22	20	24	--
5	-	367	189	16	20	31	--
6	-	375	195	18	20	26	--
7	-	383	165	12	15	25	47
8	-	423	154	14	17	30	--
9	-	472	116	7	20	32	--
10	-	701	122	11*	16	31	--
1	-	755	95	11*	11*	29	--
2	-	831	81	13	11*	28	51
3	113	854	88	14	13	33	--
4	-	897	90	11*	15	37	--
5	155	893	98	12*	11*	31	--
6	161	927	94	11*	11	33	--
7	142	877	75	39	14	31	40
8	162	859	69	25	13	36	--
9	221	643	61	22	16	33	--
20	249	614	63	27	17	51	--
1	280	567	49	24	18	45	--
2	278	544	36	21	21	39	--
3	263	517	34	12	22	37	--
4	297	487	34	12	24	34	--
5	364	394	33	11*	23	34	40
6	362	411	14	11*	28	33	--
7	301	437	13	11*	26	--	--
8	284	419	15	22	21	31	--
9	260	357	19	23	16	42	--
30	254	285	18	16	19	40	--
1	xxx	269	xx	14	17	xx	--

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* Declared.

CC To State Engr.
I F Baum.

C R 1940

PROVO RIVER
BY
MIDWAY LOWER DAM

Date 1940	April	May	June	July	August	Sept
1	-	44	79	79	17	3
2	-	27	70	62	16	4
3	-	58	66	62	16	3
4	-	152	79	75	17	4
5	-	198	98	62	16	5
6	125	128	98	58	16	5
7	-	182	88	54	13	8
8	-	222	84	44	17	9
9	-	340	79	39	17	10
10	-	340	79	39	19	10
1	-	320	88	47	17	6
2	-	-	79	54	19	8
3	56	-	79	58	20	9
4	-	-	70	44	22	10
5	-	-	66	44	22	13
6	-	600	50	42	22	12
7	-	570	32	36	17	9
8	-	430	32	32	13	9
9	-	380	29	34	16	9
20	43	310	29	36	16	10
1	-	280	25	32	13	12
2	12	260	32	29	12	12
3	14	246	39	29	7	14
4	68	238	29	--	14	4
5	118	214	32	32	10	13
6	123	159	50	20	8	13
7	98	182	62	22	3	-
8	70	190	62	23	2	13
9	58	167	62	17	2	14
30	44	108	66	16	3	12
1	xxx	88	xx	17	5	xx

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CC To I.F.Baum
Ray V.Wentz.

C R 1940

SNAKE CREEK

Date 1940	Ditch	Time	Gh	Cfs
May 6	Scotch	900a	-	3.05
	Sn.Creek X	920a	-	6.62
	Mound	945a	-	2.09
	West Bench	1025a	50	6.55
				18.31
July 2	Scotch	1000a	40	2.80
	Creek Cross	1020a	-	7.80
	Up.Huber	1035a	10	0.65
	West Bench		-	4.00
	Probst	1100a	-	1.88
	Huber	1110a	-	1.25
				18.38
Aug 2	Scotch	330p	36	2.40
	Creek xing	345p	-	10.41
	Mound	405p	[illegible]	2.66
	West Bench	425p	40	4.85
	Huber	500p	38	1.29
				21.61
Sept 5	Scotch	1100a	33	2.82
	Creek Xing	1140a	[illegible]	10.31
	Mound	1210p	est	0.20
	West Bench	1215p	38	4.30
	Huber	12125p	est	0.20
	Probst	1240p	-	2.32
				20.15
Oct 18	Scotch	1045a	-	2.56
	Creek Xing	1100a	-	8.50
	Mound	1130a	est	0.20
	West Bench	1135a	40	4.65
	Huber	1145a	26	1.50
	Probst	1205p	28	1.30
				18.71

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CC To I.F.Baum

C R 1940

ISLAND DITCH

Date 1940		Time	Cfs
Apl	6	325p	3.25
	13	235p	1.75
	22	Cleaning	0
May	1	725p	6.14
	5	855a	10.16
	11	110p	19.30
	16	1145a	25.0
	22	1155a	8.65
	29	415p	6.14
	31	545p	5.4 R
		"	6.14
June	1	1115a	6.14R
		"	9.1
	4	1055a	8.65
	~~11~~	~~[illegible]~~	~~[illegible]~~
	11	1030a	6.00
	17	1020a	5.0
	22	400p	4.6 R
		"	6.14
	27	1230p	7.36C
		"	6.14
	30	1110a	6.14
July	2	910a	6.55
	7	1030a	6.55
	11	1245p	5.17 R
	17	1025a	5.94
	23	620p	5.94
	29	1140a	5.75
Aug	5	12M	5.0
	~~11~~	~~[illegible]~~	~~[illegible]~~
	17	530p	3.95
	19	345p	5.35
	26	1030a	5.95
Sept	2	510p	5.2
	9	1000a	4.8
	21	1010a	6.74
Oct	5	255p	4.26

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CC To I.F.Baum

C R 1940

SPRING CREEK AND SAGEBRUSH CANAL
AND
CHARLESTON UPPER CANAL

Date 1940		Spring Cr.& Sagebrush Time	Cfs	Charleston Upper Canal Time	Cfs
Apl	5	340p	2.6	335p	6.9
	13	245p	1.5	240p	19.0
	22	405p	8.8	355p	23.3
May	1	740p	22.95	735p	20.0
	5	-	-	910a	24.38
	11	135p	24.85	-	-
	16	925a	38.5	935p	45.0
	22	1115a	43.64	1125a	43.5
	30	1020a	53.0	1030a	34.1
June	4	1115a	42.0	-	-
	11	955a	26.5	1000a	14.15
	17	950a	25.8	1000a	10.7
	22	340p	15.2	350p	5.0
	25	1015a	13.32	945a	6.57
		Adj to	12.20		7.7
	27	12m	12.25	1205p	6.8
		Adj to	11.8	-	7.3
	30	1055a	16.9	1100a	5.6
		Adj	13.5	-	9.0
July	2	-	-	905a	9.95
	7	950a	11.9	1015a	6.9
	11	1010a	8.20	1030a	6.25
	17	940a	12.25	950a	6.25
		Adj	11.00	-	7.25
	23	600p	13.75	605p	4.4
		Adj	11.3	-	6.82
	29	900a	8.20	910a	5.6
Aug	5	1130a	7.55	1140a	3.5
	17	440p	7.56	445p	1.9
		Adj	7.0	-	2.5
	26	1010a	8.2	1015a	2.8
		Adj	7.75	-	3.25
Sept	2	445p	7.55	500p	2.8
	9	1050a	7.+	1040a	2.8
	21	1204p	8.2	1130a	3.3
Oct	5	325p	10.8	320p	7.7

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CC To I.F.Baum

C R 1940

CHARLESTON LOWER CANAL

Date 1940		Time	Cfs
Apl	28	325p	10.48
May	13	110p	13.32
	16	12m	15.45
	20	1014a	13.60
	29	1040a	11.2
June	2	355p	11.8
	4	1110a	23.3
	11	1040a	8.65
July	1	-	8.4
	7	1115a	10.5
	17	1045a	8.65
	23	1131a	7.86
Aug	21	1140a	6.4
	30	1030a	6.16
Sept	18	345p	4.35
	30	235p	4.8

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CC To I.F.Baum

C R 1940

KAMAS CANAL
SOUTH KAMAS IRRIGATION COMPANY
AND
WASAHINGTON IRRIGATION COMPANY

Date 1940		Time	Cfs
Apl	19	500p	40.3
	23	200p	25.0
	29	3pm	5.1
May	4	420p	70.3
	10	9am	74.2
	16	445p	72.6
	20	1030a	74.2
	24	1010a	69.6
	30	3pm	63.5
	31	1030a	63.5
June	2	7am	50.0
	5	11am	50.0
	9	3pm	50.0
	11	320p	52.1
		5pm	50.0
	12	11am	30.
	14	10am	30.
	21	920a	30.4
	24	2pm	30.4
	29	1020a	35.5 C
July	1	10am	30.4 C
	2	Storage off.	
	2	920a	6.4
	23	1pm	10. cut to 6.
	3	3pm	6.2
	5	1000a	5.7
	8	4pm	5.7
	9	4pm	3.8 R to 5.8
	13	10am	5.7
	17	430p	6.2
	20	11am	9.5 C
		400p	2.9 r to 6.
	22	8am	6.
	25	1pm	5.8
	29	10am	6.
Aug	3	4pm	3.8
	8	12m	4.5
		3pm	6.
	12	4pm	13. C to 6
	13	10am	6.
	16	1015a	6.
	17	100p	4.3
	23	1135a	4.3
	25	1000a	6.5
	30	10am	6.
Sept	5	1110a	6.
	10	2pm	6.
	17	1020a	8.
June	23	1145a	25.1
	28	200p	30.8
	29	200p	22.7
July	6	1220p	7.0
	15	235p	5.9

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CC To I.F.Baum & Roy Atkinson.

C R 1940

SUNRISE CANAL

Date 1940		Time	Cfs
June	1	2pm	10.
	11	138p	10. C to 4.
July	3	130p	2.
	13	1030a	2.
	17	610p	3.6
	29	1040a	2.
Aug	3	510p	2.5
	12	1115a	3. C To 2.-
	25	1020a	1.0
Sept	5	1030a	1.0
	10	230p	00

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CC To Roy Atkinson & I.F.Baum

FOURTH JUDICIAL DISTRICT COURT OF
THE STATE OF UTAH
IN AND FOR UTAH COUNTY
FILED
FEB 19 1941
C. A. GRANT, Clerk
..... Deputy