

W  
520

FIELD BOOK

700



# MICROFILMED TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0	99.98	1.75	100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.94	3.49	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.86	5.23	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.76	6.98	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.62	8.72	99.73	7.41	99.69	7.53	99.66	8.28	85
5	99.45	10.45	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.25	12.19	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.03	13.92	99.20	12.62	99.14	13.05	99.09	13.49	82
8	98.77	15.64	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.48	17.36	98.70	16.07	98.63	16.50	98.56	16.93	80
10			98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							

1 Comp 3 sec 70  
2 ✓ 460 ✓

520



TABLE OF STADIA REDUCTIONS.—Continued.

Min.	24°		25°		26°		27°		28°		29°		30°	
	Hor. Dist.	Diff. Elev.	Hor. Dist.	Diff. Elev.	Hor. Dist.	Diff. Elev.	Hor. Dist.	Diff. Elev.	Hor. Dist.	Diff. Elev.	Hor. Dist.	Diff. Elev.	Hor. Dist.	Diff. Elev.
0'	83.46	37.16	83.14	38.90	82.72	39.40	82.30	40.45	77.95	41.45	76.50	42.40	75.00	43.30
1	83.41	37.20	83.06	38.84	82.63	39.34	82.21	40.39	77.90	41.50	76.45	42.35	74.95	43.33
2	83.37	37.23	82.99	38.78	82.54	39.28	82.12	40.33	77.85	41.55	76.40	42.30	74.90	43.36
4	83.33	37.27	82.91	38.68	82.41	39.15	81.99	40.23	77.81	41.55	76.35	42.25	74.85	43.39
6	83.29	37.31	82.81	38.56	82.26	39.00	81.83	40.10	77.77	41.58	76.30	42.20	74.80	43.42
8	83.24	37.35	82.70	38.44	82.10	38.85	81.66	40.00	77.72	41.61	76.25	42.15	74.75	43.45
10	83.20	37.39	82.58	38.33	81.93	38.70	81.49	39.89	77.67	41.65	76.20	42.10	74.70	43.47
12	83.15	37.43	82.45	38.20	81.76	38.56	81.32	39.76	77.62	41.68	76.15	42.05	74.65	43.50
14	83.11	37.47	82.31	38.06	81.58	38.41	81.14	39.62	77.57	41.71	76.10	42.00	74.60	43.53
16	83.07	37.51	82.17	37.92	81.40	38.27	80.96	39.47	77.52	41.74	76.05	41.95	74.55	43.56
18	83.02	37.54	82.03	37.78	81.22	38.13	80.78	39.32	77.48	41.77	76.00	41.90	74.50	43.59
20	82.98	37.58	81.89	37.64	81.04	38.00	80.60	39.17	77.43	41.80	75.95	41.85	74.45	43.62
22	82.93	37.62	81.75	37.50	80.86	37.86	80.42	39.02	77.39	41.83	75.90	41.80	74.40	43.65
24	82.89	37.66	81.61	37.36	80.68	37.71	80.24	38.87	77.34	41.86	75.85	41.75	74.35	43.68
26	82.85	37.70	81.47	37.22	80.50	37.56	80.06	38.72	77.29	41.89	75.80	41.70	74.30	43.71
28	82.80	37.74	81.33	37.08	80.32	37.41	79.88	38.57	77.25	41.92	75.75	41.65	74.25	43.74
30	82.76	37.77	81.19	36.94	80.14	37.26	79.70	38.42	77.20	41.95	75.70	41.60	74.20	43.77
32	82.72	37.81	81.05	36.80	79.96	37.11	79.52	38.27	77.15	41.98	75.65	41.55	74.15	43.80
34	82.67	37.85	80.91	36.66	79.78	36.96	79.34	38.12	77.10	42.01	75.60	41.50	74.10	43.83
36	82.63	37.89	80.77	36.52	79.60	36.81	79.16	37.97	77.05	42.04	75.55	41.45	74.05	43.86
38	82.58	37.93	80.63	36.38	79.42	36.66	78.98	37.82	77.00	42.07	75.50	41.40	74.00	43.89
40	82.54	37.97	80.49	36.24	79.24	36.51	78.80	37.67	76.95	42.10	75.45	41.35	73.95	43.92
42	82.50	38.00	80.35	36.10	79.06	36.36	78.62	37.52	76.90	42.13	75.40	41.30	73.90	43.95
44	82.45	38.04	80.21	35.96	78.88	36.21	78.44	37.37	76.85	42.16	75.35	41.25	73.85	43.98
46	82.41	38.08	80.07	35.82	78.70	36.06	78.26	37.22	76.80	42.19	75.30	41.20	73.80	44.01
48	82.36	38.12	79.93	35.68	78.52	35.91	78.08	37.07	76.75	42.22	75.25	41.15	73.75	44.04
50	82.32	38.16	79.79	35.54	78.34	35.76	77.90	36.92	76.70	42.25	75.20	41.10	73.70	44.07
52	82.27	38.19	79.65	35.40	78.16	35.61	77.72	36.77	76.65	42.28	75.15	41.05	73.65	44.10
54	82.23	38.23	79.51	35.26	77.98	35.46	77.54	36.62	76.60	42.31	75.10	41.00	73.60	44.13
56	82.18	38.27	79.37	35.12	77.80	35.31	77.36	36.47	76.55	42.34	75.05	40.95	73.55	44.16
58	82.14	38.30	79.23	34.98	77.62	35.16	77.18	36.32	76.50	42.37	75.00	40.90	73.50	44.19
60	82.10	38.34	79.09	34.84	77.44	35.01	77.00	36.17	76.45	42.40	74.95	40.85	73.45	44.22
62	82.05	38.38	78.95	34.70	77.26	34.86	76.82	36.02	76.40	42.43	74.90	40.80	73.40	44.25
64	82.01	38.42	78.81	34.56	77.08	34.71	76.64	35.87	76.35	42.46	74.85	40.75	73.35	44.28
66	81.96	38.46	78.67	34.42	76.90	34.56	76.46	35.72	76.30	42.49	74.80	40.70	73.30	44.31
68	81.92	38.50	78.53	34.28	76.72	34.41	76.28	35.57	76.25	42.52	74.75	40.65	73.25	44.34
70	81.87	38.54	78.39	34.14	76.54	34.26	76.10	35.42	76.20	42.55	74.70	40.60	73.20	44.37
72	81.83	38.58	78.25	34.00	76.36	34.11	75.92	35.27	76.15	42.58	74.65	40.55	73.15	44.40
74	81.78	38.62	78.11	33.86	76.18	33.96	75.74	35.12	76.10	42.61	74.60	40.50	73.10	44.43
76	81.74	38.66	77.97	33.72	76.00	33.81	75.56	34.97	76.05	42.64	74.55	40.45	73.05	44.46
78	81.69	38.70	77.83	33.58	75.82	33.66	75.38	34.82	76.00	42.67	74.50	40.40	73.00	44.49
80	81.65	38.74	77.69	33.44	75.64	33.51	75.20	34.67	75.95	42.70	74.45	40.35	72.95	44.52
82	81.60	38.78	77.55	33.30	75.46	33.36	75.02	34.52	75.90	42.73	74.40	40.30	72.90	44.55
84	81.56	38.82	77.41	33.16	75.28	33.21	74.84	34.37	75.85	42.76	74.35	40.25	72.85	44.58
86	81.51	38.86	77.27	33.02	75.10	33.06	74.66	34.22	75.80	42.79	74.30	40.20	72.80	44.61
88	81.47	38.90	77.13	32.88	74.92	32.91	74.48	34.07	75.75	42.82	74.25	40.15	72.75	44.64
90	81.42	38.94	76.99	32.74	74.74	32.76	74.30	33.92	75.70	42.85	74.20	40.10	72.70	44.67
92	81.38	38.98	76.85	32.60	74.56	32.61	74.12	33.77	75.65	42.88	74.15	40.05	72.65	44.70
94	81.33	39.02	76.71	32.46	74.38	32.46	73.94	33.62	75.60	42.91	74.10	40.00	72.60	44.73
96	81.29	39.06	76.57	32.32	74.20	32.31	73.76	33.47	75.55	42.94	74.05	39.95	72.55	44.76
98	81.24	39.10	76.43	32.18	74.02	32.16	73.58	33.32	75.50	42.97	74.00	39.90	72.50	44.79
100	81.20	39.14	76.29	32.04	73.84	32.01	73.40	33.17	75.45	43.00	73.95	39.85	72.45	44.82
102	81.15	39.18	76.15	31.90	73.66	31.86	73.22	33.02	75.40	43.03	73.90	39.80	72.40	44.85
104	81.11	39.22	76.01	31.76	73.48	31.71	73.04	32.87	75.35	43.06	73.85	39.75	72.35	44.88
106	81.06	39.26	75.87	31.62	73.30	31.57	72.86	32.72	75.30	43.09	73.80	39.70	72.30	44.91
108	81.02	39.30	75.73	31.48	73.12	31.43	72.68	32.57	75.25	43.12	73.75	39.65	72.25	44.94
110	80.97	39.34	75.59	31.34	72.94	31.29	72.50	32.42	75.20	43.15	73.70	39.60	72.20	44.97
112	80.93	39.38	75.45	31.20	72.76	31.14	72.32	32.27	75.15	43.18	73.65	39.55	72.15	45.00
114	80.88	39.42	75.31	31.06	72.58	31.00	72.14	32.12	75.10	43.21	73.60	39.50	72.10	45.03
116	80.84	39.46	75.17	30.92	72.40	30.86	71.96	31.97	75.05	43.24	73.55	39.45	72.05	45.06
118	80.79	39.50	75.03	30.78	72.22	30.72	71.78	31.82	75.00	43.27	73.50	39.40	72.00	45.09
120	80.75	39.54	74.89	30.64	72.04	30.58	71.60	31.67	74.95	43.30	73.45	39.35	71.95	45.12
122	80.70	39.58	74.75	30.50	71.86	30.44	71.42	31.52	74.90	43.33	73.40	39.30	71.90	45.15
124	80.66	39.62	74.61	30.36	71.68	30.30	71.24	31.37	74.85	43.36	73.35	39.25	71.85	45.18
126	80.61	39.66	74.47	30.22	71.50	30.16	71.06	31.22	74.80	43.39	73.30	39.20	71.80	45.21
128	80.57	39.70	74.33	30.08	71.32	30.02	70.88	31.07	74.75	43.42	73.25	39.15	71.75	45.24
130	80.52	39.74	74.19	29.94	71.14	29.88	70.70	30.92	74.70	43.45	73.20	39.10	71.70	45.27
132	80.48	39.78	74.05	29.80	70.96	29.74	70.52	30.77	74.65	43.48	73.15	39.05	71.65	45.30
134	80.43	39.82	73.91	29.66	70.78	29.60	70.34	30.62	74.60	43.51	73.10	39.00	71.60	45.33
136	80.39	39.86	73.77	29.52	70.60	29.46	70.16	30.47	74.55	43.54	73.05	38.95	71.55	45.36
138	80.34	39.90	73.63	29.38	70.42	29.32	69.98	30.32	74.50	43.57	73.00	38.90	71.50	45.39
140	80.30	39.94	73.49	29.24	70.24	29.18	69.80	30.17	74.45	43.60	72.95	38.85	71.45	45.42
142	80.25	39.98	73.35	29.10	70.06	29.04	69.62	30.02	74.40	43.63	72.90	38.80	71.40	45.45
144	80.21	40.02	73.21	28.96	69.88	28.90	69.44	29.87	74.35	43.66	72.85	38.75	71.35	45.48
146	80.16	40.06	73.07	28.82	69.70	28.76	69.26	29.72	74.30	43.69	72.80	38.70	71.30	45.51
148	80.12	40.10	72.93	28.68	69.52	28.62	69.08	29.57	74.25	43.72	72.75	38.65	71.25	45.54
150	80.07	40.14	72.79	28.54	69.34	28.48	68.90	29.42	74.20	43.75	72.70	38.60	71.20	45.57
152	80.03	40.18	72.65	28.40	69.16	28.34	68.72	29.27	74.15	43.78	72.65	38.55	71.15	45.60
154	79.98	40.22	72.51	28.26	68.98	28.20	68.54	29.12	74.10	43.81	72.60	38.50	71.10	45.63
156	79.94	40.26</												



1926	August	Time	Age Height	Trap cups	Temp Local	Temp	Rain	Blue Stone
	1	7 am	248.55			78		
	2	7 am	248.55			78		
	3	7 am	248.50			78		
	4	7 am	248.42			78 1/2		
	5	7 am	248.39			79		
	6	7 am	248.30			78		
	7	7 am	248.22			78		
Ground Lake 8	8	7 am	248.15	16.8 c in 16.8 ✓	70 77	78		
	9	7 am	248.11			78		
	10	7 am	248.00			78		
	11	7 am	247.92			78		
	12	7 am	247.92			79		
	13	7 am	247.88			79		
	14	7 am	247.83			79		
	15	7 am	247.80			79		
Ground Lake 6	16	7 am	247.83	20.4 c in 19. ✓	74 77	79		
	17	7 am	247.80			79		
	18	7 am	247.75			79		
	19	7 am	247.68			78		
	20	7 am	247.65			78		
	21	7 am	247.58			77		
	22	7 am	247.55			77		
	23	7 am	247.57			77		
Ground Lake 24	24	7 am	247.50	19.1 c in 19.5 ✓	75 76	77		
	25	7 am	247.43			77		
	56	7 am	23			78		
	57	6 am	24			78		
	57	6 am	23 1/2			78		
	61	5 <sup>30</sup> am	8			78		
	60	6 am	5			79		
	62	5 <sup>30</sup> am	10			78		
	60	5 <sup>30</sup> am	25 1/2			78		
	45	7 am	5			78		
	62	9 P.M.	8 1/2			78		
	59	6 am	8			78		
	18	8 <sup>30</sup> am	6			78		
	58	7 P.M.	10 1/2			79		
	63	5 <sup>30</sup> am	7 1/2			79		
	58	2 P.M.	16			79		
	60	6 am	4 1/2			79		
	60	6 am	24			79		
	61	6 am	24			79		
	62	6 am	24			79		
	64	6 am	9			78		
	66	5 <sup>30</sup> am	9 1/2			78		
	63	6 am	9			77		
	60	7 am	10 1/2			77		
	54	6 am	3			77		
	63	9 <sup>40</sup> P.M.	17			77		
	61	6 am	9			77		
	56	7 am	23			78		
	57	6 am	24			78		
	57	6 am	23 1/2			78		
	61	5 <sup>30</sup> am	8			78		
	60	6 am	5			79		
	62	5 <sup>30</sup> am	10			78		
	60	5 <sup>30</sup> am	25 1/2			78		
	45	7 am	5			78		
	62	9 P.M.	8 1/2			78		
	59	6 am	8			78		
	18	8 <sup>30</sup> am	6			78		
	58	7 P.M.	10 1/2			79		
	63	5 <sup>30</sup> am	7 1/2			79		
	58	2 P.M.	16			79		
	60	6 am	4 1/2			79		
	60	6 am	24			79		
	61	6 am	24			79		
	62	6 am	24			79		
	64	6 am	9			78		
	66	5 <sup>30</sup> am	9 1/2			78		
	63	6 am	9			77		
	60	7 am	10 1/2			77		
	54	6 am	3			77		
	63	9 <sup>40</sup> P.M.	17			77		
	61	6 am	9			77		
	57	6 am	23 1/2			78		
	61	5 <sup>30</sup> am	8			78		
	60	6 am	5			79		
	62	5 <sup>30</sup> am	10			78		
	60	5 <sup>30</sup> am	25 1/2			78		
	45	7 am	5			78		
	62	9 P.M.	8 1/2			78		
	59	6 am	8			78		
	18	8 <sup>30</sup> am	6			78		
	58	7 P.M.	10 1/2			79		
	63	5 <sup>30</sup> am	7 1/2			79		
	58	2 P.M.	16			79		
	60	6 am	4 1/2			79		
	60	6 am	24			79		
	61	6 am	24			79		
	62	6 am	24			79		
	64	6 am	9			78		
	66	5 <sup>30</sup> am	9 1/2			78		
	63	6 am	9			77		
	60	7 am	10 1/2			77		
	54	6 am	3			77		
	63	9 <sup>40</sup> P.M.	17			77		
	61	6 am	9			77		
	56	7 am	23			78		
	57	6 am	24			78		
	57	6 am	23 1/2			78		
	61	5 <sup>30</sup> am	8			78		
	60	6 am	5			79		
	62	5 <sup>30</sup> am	10			78		
	60	5 <sup>30</sup> am	25 1/2			78		
	45	7 am	5			78		
	62	9 P.M.	8 1/2			78		
	59	6 am	8			78		
	18	8 <sup>30</sup> am	6			78		
	58	7 P.M.	10 1/2			79		
	63	5 <sup>30</sup> am	7 1/2			79		
	58	2 P.M.	16			79		
	60	6 am	4 1/2			79		
	60	6 am	24			79		
	61	6 am	24			79		
	62	6 am	24			79		
	64	6 am	9			78		
	66	5 <sup>30</sup> am	9 1/2			78		
	63	6 am	9			77		
	60	7 am	10 1/2			77		
	54	6 am	3			77		
	63	9 <sup>40</sup> P.M.	17			77		
	61	6 am	9			77		
	56	7 am	23			78		
	57	6 am	24			78		
	57	6 am	23 1/2			78		
	61	5 <sup>30</sup> am	8			78		
	60	6 am	5			79		
	62	5 <sup>30</sup> am	10			78		
	60	5 <sup>30</sup> am	25 1/2			78		
	45	7 am	5			78		
	62	9 P.M.	8 1/2			78		
	59	6 am	8			78		
	18	8 <sup>30</sup> am	6			78		
	58	7 P.M.	10 1/2			79		
	63	5 <sup>30</sup> am	7 1/2			79		
	58	2 P.M.	16			79		
	60	6 am	4 1/2			79		
	60	6 am	24			79		
	61	6 am	24			79		
	62	6 am	24			79		
	64	6 am	9			78		
	66	5 <sup>30</sup> am	9 1/2			78		
	63	6 am	9			77		
	60	7 am	10 1/2			77		
	54	6 am	3			77		
	63	9 <sup>40</sup> P.M.	17			77		
	61	6 am	9			77		
	56	7 am	23			78		
	57	6 am	24			78		
	57	6 am	23 1/2			78		
	61	5 <sup>30</sup> am	8			78		
	60	6 am	5			79		
	62	5 <sup>30</sup> am	10			78		
	60	5 <sup>30</sup> am	25 1/2			78		
	45	7 am	5			78		
	62	9 P.M.	8 1/2			78		
	59	6 am	8			78		
	18	8 <sup>30</sup> am	6			78		
	58	7 P.M.	10 1/2			79		
	63	5 <sup>30</sup> am	7 1/2			79		
	58	2 P.M.	16			79		
	60	6 am	4 1/2			79		
	60	6 am	24			79		
	61	6 am	24			79		
	62	6 am	24			79		
	64	6 am	9			78		
	66	5 <sup>30</sup> am	9 1/2			78		
	63	6 am	9			77		
	60	7 am	10 1/2			77		
	54	6 am	3			77		
	63	9 <sup>40</sup> P.M.	17			77		
	61	6 am	9			77		
	56	7 am	23			78		
	57	6 am	24			78		
	57	6 am	23 1/2			78		
	61	5 <sup>30</sup> am	8			78		
	60	6 am	5			79		
	62	5 <sup>30</sup> am	10			78		
	60	5 <sup>30</sup> am	25 1/2			78		
	45	7 am	5			78		
	62	9 P.M.	8 1/2			78		
	59	6 am	8			78		
	18	8 <sup>30</sup> am	6			78		
	58	7 P.M.	10 1/2			79		
	63	5 <sup>30</sup> am	7 1/2			79		
	58	2 P.M.	16			79		
	60	6 am	4 1/2			79		
	60	6 am	24			79		
	61	6 am	24			79		
	62	6 am	24			79		
	64	6 am	9			78		
	66	5 <sup>30</sup> am	9 1/2			78		
	63	6 am	9			77		
	60	7 am	10 1/2			77		
	54	6 am	3			77		
	63	9 <sup>40</sup> P.M.	17			77		
	61	6 am	9			77		
	56	7 am	23			78		
	57	6 am	24			78		
	57	6 am	23 1/2			78		
	61	5 <sup>30</sup> am	8			78		
	60	6 am	5			79		
	62	5 <sup>30</sup> am	10			78		
	60	5 <sup>30</sup> am	25 1/2			78		
	45	7 am	5			78		
	62	9 P.M.	8 1/2			78		
	59	6 am	8			78		
	18	8 <sup>30</sup> am	6			78		
	58	7 P.M.	10 1/2			79		
	63	5 <sup>30</sup> am	7 1/2			79		
	58	2 P.M.	16			79		
	60	6 am	4 1/2			79		
	60	6 am	24			79		
	61	6 am	24			79		
	62	6 am	24			79		
	64	6 am						



1926

August	Time	Gage Height	Evap out	Temp Wind Temp	Rain	Blue Stone
26	7 am	247.35		79		
27	7 am	247.25		79		
28	7 am	247.20		78		
29	7 am	247.12		78		
30	7 am	247.19		78		
31	7 am	247.10		78		
Sept Ground 1 hanna			18.80 in 18.8 ✓	77 75		

August 1926

Premier	19650400
Redwood	6147000
30" Line	27590200
16" ✓	1722000
Gage Height	24710
Leakage	5 Gal. in 15 sec

45- 7 am 9<sup>1/2</sup> <sup>4<sup>th</sup></sup> - 47- 4<sup>30</sup> Pm 2<sup>1<sup>st</sup></sup> - 61- 6<sup>30</sup> Pm, 13<sup>th</sup> -  
 47- 7<sup>30</sup> am, 11<sup>th</sup> - 60- 6<sup>30</sup> Pm, 13<sup>th</sup> -  
 46- 7<sup>30</sup> am 2<sup>1/2</sup> <sup>4<sup>th</sup></sup>  
 63- 6 am 12<sup>th</sup> - 62- 6 Pm 13<sup>th</sup> - 20<sup>th</sup> -  
 46- 7<sup>30</sup> am.



1926	Sept	Time	Gage Height	Evap Cyps	Temp	Bar	Lat	Temp	Blue Stone
	1	7 am	247.10					77	46-7 am 3 1/2 <sup>Hrs</sup> - 60-10 <sup>30</sup> am 23 1/2 <sup>Hrs</sup>
	2	7 am	247.02					77	59-10 am 20 <sup>Hrs</sup>
	3	7 am	246.99					77	60-6 am 7 <sup>Hrs</sup> - 59-1 Pm, 5 <sup>Hrs</sup> - 58-6 Pm, 12 <sup>Hrs</sup>
	4	7 am	246.91					76	62-6 am 7 1/2 <sup>Hrs</sup> - 56-1 <sup>30</sup> Pm, 18 1/2 <sup>Hrs</sup>
	5	7 am	246.91					76	57-8 am 1/2 <sup>Hrs</sup> - 44-8 <sup>30</sup> am 7 1/4 <sup>Hrs</sup> - 45-3 <sup>45</sup> Pm, 14 1/4 <sup>Hrs</sup>
	6	7 am	246.05					76	62-6 am 12 <sup>Hrs</sup> - 43-6 Pm, 18 <sup>Hrs</sup>
	7	7 am	247.15					75	58-12 <sup>noon</sup> - 18 <sup>Hrs</sup>
	8	7 am	247.20					76	50-6 am 10 <sup>Hrs</sup> - 58-4 Pm, 13 1/2 <sup>Hrs</sup>
	9	7 am	247.25					76	61-5 <sup>30</sup> am 9 1/4 <sup>Hrs</sup> - 58-3 Pm, 14 1/2 <sup>Hrs</sup>
	10	7 am	247.29					76	64-5 <sup>30</sup> am 10 <sup>Hrs</sup> - 58-3 <sup>30</sup> Pm, 16 1/2 <sup>Hrs</sup>
	11	7 am	247.31					76	62-8 am 9 <sup>Hrs</sup> - 58-5 Pm, 22 <sup>Hrs</sup>
	12	7 am	247.37					75	42-3 Pm, 15 <sup>Hrs</sup>
	13	7 am	247.52					75	60-6 am 8 <sup>Hrs</sup> - 58-2 Pm, 16 1/2 <sup>Hrs</sup>
	14	7 am	247.51					74	59-6 <sup>30</sup> am 3 1/2 <sup>Hrs</sup>
	15	7 am	247.48					74	62-3 Pm, 15 <sup>Hrs</sup>
	16	7 am	247.40					74	59-6 am 11 1/2 <sup>Hrs</sup> - 57-5 <sup>30</sup> Pm, 12 1/2 <sup>Hrs</sup>
	17	7 am	247.35					74	59-6 am 9 <sup>Hrs</sup> - 57-3 Pm, 19 <sup>Hrs</sup>
	18	7 am	247.32					74	58-10 am 22 1/2 <sup>Hrs</sup>
	19	7 am	247.30					73	60-8 <sup>30</sup> am 7 <sup>10</sup> Hrs - 59-3 <sup>40</sup> Pm, 14 <sup>20</sup> Hrs
	20	7 am	247.31					73	63-6 am 9 <sup>Hrs</sup> - 59-3 Pm, 39 <sup>Hrs</sup>
	21	7 am	247.29					72	
	22	7 am	247.26					72	60-6 am 12 1/2 <sup>Hrs</sup>
	23	7 am	247.22					72	59-6 <sup>30</sup> am 1 1/4 <sup>Hrs</sup> - 58-8 <sup>15</sup> am 9 <sup>45</sup> Hrs - 57-6 Pm, 15 <sup>30</sup> Hrs
	24	7 am	247.15					72	58-9 <sup>30</sup> am 20 <sup>30</sup> Hrs
	25	7 am	247.08					72	60-6 am 9 <sup>Hrs</sup> - 42-3 Pm, 16 <sup>Hrs</sup>



1926

Sent	Time	Gage Height	Erah Cuss	Temp	Rain	Lake	Temp	Blue Stone
26	7am	247.12						
27	7am	247.11						
28	7am	247.05						
29	7am	246.98						
30	7am	246.92						
Oct Ground								
1 Lake	7am	246.90						

58-7am 24<sup>th</sup>  
 62-7am 6<sup>th</sup> - 57-1 Aug 17<sup>th</sup>  
 60-6am 11<sup>th</sup> - 57-5 Aug 13<sup>th</sup>  
 59-6am 7<sup>th</sup> - 58-1<sup>st</sup> Aug 17<sup>th</sup>  
 58-7am 24<sup>th</sup>

September 1926

Premier	21086300
Redwood	3178000
30" line	30306900
16" line	1811300
Gage Height	246.90
Leakage	5 gals 15 sec



1926

October	Time	Gage Height	Erap Cups	Temp	Rain	Lake Temp	Blue Stone
1	7 am	246.90					58-7 am 6 1/2 <sup>Hrs</sup> 57-1 <sup>30</sup> P.M. 16 1/2 <sup>Hrs</sup>
2	7 am	247.00		24 70			60-6 am 8 <sup>Hrs</sup> 40-2 P.M. 18 <sup>Hrs</sup>
3	7 am	247.20		04 71			58-8 am 22 <sup>Hrs</sup>
4	7 am	247.30		70	65 <sup>Hrs</sup>	Blue Stone	56-6 am 3 <sup>10</sup> 55-9 <sup>10</sup> am 24 <sup>Hrs</sup>
5	7 am	247.32		71			55-9 <sup>10</sup> am 22 <sup>50</sup> 50 <sup>Hrs</sup>
6	7 am	247.27		71			57-8 am 7 1/2 <sup>Hrs</sup> 42-3 <sup>30</sup> P.M. 15 <sup>Hrs</sup>
7	7 am	247.23		70			58-6 <sup>30</sup> am 12 <sup>10</sup> 0-6 <sup>40</sup> P.M. 15 <sup>10</sup> 10 <sup>Hrs</sup>
8	7 am	247.29		70			65-9 <sup>50</sup> am 7 <sup>10</sup> 57-5 P.M. 15 <sup>Hrs</sup>
9	7 am	247.20		70			58-8 am 4 1/2 <sup>Hrs</sup> 57-12 <sup>30</sup> P.M. 27 <sup>50</sup> 50 <sup>Hrs</sup>
10	7 am	247.18		69			56-4 <sup>20</sup> P.M. 13 <sup>40</sup> 40 <sup>Hrs</sup>
11	7 am	247.20		69			57-6 am 24 <sup>Hrs</sup>
12	7 am	247.14		70			56-6 am 24 <sup>Hrs</sup>
13	7 am	247.09		70			60-6 am 8 <sup>Hrs</sup> 56-2 P.M. 41
14	7 am	247.01		70			
15	7 am	246.96		70			59-7 am 8 <sup>Hrs</sup> 56-3 P.M. 15 <sup>Hrs</sup>
16	7 am	246.91		69			59-6 am 1 <sup>Hrs</sup> 41-7 am 2 <sup>Hrs</sup> 59-9 am 6 <sup>Hrs</sup> 56-3 P.M. 16 <sup>25</sup> 25 <sup>Hrs</sup>
17	7 am	246.88		69			0-7 <sup>25</sup> am 2 <sup>20</sup> 56-9 <sup>45</sup> am 7 <sup>45</sup> 57-5 <sup>30</sup> P.M. 12 1/2 <sup>Hrs</sup>
18	7 am	246.92		70			59-6 am 9 <sup>Hrs</sup> 56-3 P.M. 15 <sup>10</sup> 10 <sup>Hrs</sup>
19	7 am	246.86		70			57-6 <sup>40</sup> am 8 <sup>30</sup> 56-3 <sup>10</sup> P.M. 14 <sup>50</sup> 50 <sup>Hrs</sup>
20	7 am	246.78		69			59-6 am 9 <sup>Hrs</sup> 56-3 P.M. 1 <sup>Hrs</sup> 40-4 P.M. 14 <sup>Hrs</sup>
21	7 am	246.74		69			58-6 am 9 <sup>Hrs</sup> 40-3 P.M. 15 <sup>Hrs</sup>
22	7 am	246.72		68			59-6 am 24 <sup>Hrs</sup>
23	7 am	246.68		68			57-6 am 9 <sup>Hrs</sup> 43-3 P.M. 16 <sup>Hrs</sup>
24	7 am	246.65		68			56-7 am 10 <sup>10</sup> 40-7 <sup>10</sup> am 22 <sup>50</sup> 50 <sup>Hrs</sup>
25	7 am	246.74		68			56-6 am 24 <sup>Hrs</sup>



1926	October Time	Gage Height	Evap. Cups	Temp	Rain Lake Temp	Blue Stone
	26 7 am	246.48			68	56-6 am 24 <sup>40</sup>
	27 7 am	246.46			68	56-6 am 24 <sup>40</sup>
	28 7 am	246.48			68	56-6 am 24 <sup>40</sup>
	29 7 am	246.51			68	58-6 am 9 <sup>40</sup> - 57-3 Pm. 23 <sup>1/2</sup> <sup>40</sup>
	30 7 am	246.51			66	41-2 <sup>30</sup> Pm. 16 <sup>30</sup> <sup>40</sup>
	31 7 am	246.59				56-7 am 24 <sup>40</sup>
	Nov 1 <sup>st</sup> 7 am					56-7 am

### October 1926

Premier	23051900
Redwood	8716000
30" Line	31872800
16" Line	2059800
Edge Height	246.66
Leakage	5 Gals 15 sec



1926

No

No	Time	Gage Height	Evap cup	Temp	Rain	Lake temp	Wind	Wind
1	7 am	246.66						56-7 am 10 $\frac{Hrs}{-}$ 57-5 P.M. 13 $\frac{Hrs}{-}$
2	7 am	246.69						57-6 am 24 $\frac{Hrs}{-}$
3	7 am	246.69						58-6 am 7 $\frac{3}{4}$ $\frac{Hrs}{-}$ 56-145 P.M. 20 $\frac{1}{4}$ $\frac{Hrs}{-}$
4	7 am	246.70						59-10 am 4 $\frac{1}{2}$ $\frac{Hrs}{-}$ 42-230 P.M. 15 $\frac{1}{2}$ $\frac{Hrs}{-}$
5	7 am	246.80						59-6 am 8 $\frac{1}{2}$ $\frac{Hrs}{-}$ 42-230 P.M. 15 $\frac{1}{2}$ $\frac{Hrs}{-}$
6	7 am	246.89						64 200 $\frac{Hrs}{-}$ 57-6 am 9 $\frac{Hrs}{-}$ 42-3 P.M. 16 $\frac{Hrs}{-}$
7	7 am	247.00						57-7 am 8 $\frac{1}{2}$ $\frac{Hrs}{-}$ 43-330 P.M. 14 $\frac{1}{2}$ $\frac{Hrs}{-}$
8	7 am	247.11						61-6 am 8 $\frac{Hrs}{-}$ 59-2 P.M. 25 $\frac{Hrs}{-}$
9	7 am	246.97						58-3 P.M. 15 $\frac{Hrs}{-}$
10	7 am	246.75						56-6 am 9 $\frac{15}{-}$ 58-315 P.M. 15 $\frac{Hrs}{-}$ 43-430 P.M. 13 $\frac{1}{2}$ $\frac{Hrs}{-}$
11	7 am	246.79						58-6 am 8 $\frac{1}{2}$ $\frac{Hrs}{-}$ 43-230 P.M. 15 $\frac{1}{2}$ $\frac{Hrs}{-}$
12	7 am	246.88						62-6 am 9 $\frac{Hrs}{-}$ 43-3 P.M. 15 $\frac{Hrs}{-}$
13	7 am	246.99						62-6 am 14 $\frac{Hrs}{-}$ 65-6 $\frac{15}{-}$ am 8 $\frac{45}{-}$ $\frac{Hrs}{-}$ 41-3 P.M. 16 $\frac{1}{2}$ $\frac{Hrs}{-}$
14	7 am	247.10						42-730 am 34 $\frac{1}{2}$ $\frac{Hrs}{-}$
15	7 am	247.26						57-6 am 9 $\frac{Hrs}{-}$ 42-3 P.M. 15 $\frac{Hrs}{-}$
16	7 am	247.12						56-6 am 24 $\frac{Hrs}{-}$
17	7 am	-						56-6 am 24 $\frac{Hrs}{-}$
18	7 am	246.53						57-6 am 24 $\frac{Hrs}{-}$
19	7 am	246.24						59-6 am 8 $\frac{Hrs}{-}$ 41-2 P.M. 16 $\frac{Hrs}{-}$
20	7 am	246.09						58-6 am 9 $\frac{1}{2}$ $\frac{Hrs}{-}$ 41-330 P.M. 15 $\frac{Hrs}{-}$
21	7 am	246.18						59-630 am 23 $\frac{1}{2}$ $\frac{Hrs}{-}$
22	7 am	246.22						59-6 am 8 $\frac{Hrs}{-}$ 57-2 P.M. 16 $\frac{Hrs}{-}$
23	7 am	246.22						62-6 am 5 $\frac{15}{-}$ $\frac{Hrs}{-}$ 47-11 $\frac{15}{-}$ am 3 $\frac{3}{4}$ $\frac{Hrs}{-}$ 41-3 P.M. 15 $\frac{1}{2}$ $\frac{Hrs}{-}$
24	7 am	246.30						60-630 am 8 $\frac{1}{2}$ $\frac{Hrs}{-}$ 42-3 P.M. 15 $\frac{1}{2}$ $\frac{Hrs}{-}$
25	7 am	246.38						58-630 am 8 $\frac{1}{2}$ 41-3 P.M. 15 $\frac{10}{-}$ $\frac{Hrs}{-}$



1926

No

Time

Gage

Height

Evap cuts

Pump

Rain

Lakesump

Blow

Blow

26	7 am	246.53		02	60	56 - 6 <sup>10</sup> am 8 <sup>50</sup> - 40 - 41 - 3 Am 2H <sup>40</sup>
27	7 am	246.69		63	60	41 - 3 Am 2H <sup>40</sup>
28	7 am	246.87		05	60	38 - 3 Am 16 <sup>40</sup> -
29	7 am	247.05			60	39 - 7 <sup>30</sup> am 22 <sup>40</sup> -
30	7 am	247.17			60	40 - 6 am 7 <sup>40</sup> - 41 - 1 Am 3 <sup>40</sup> - 42 - 4 Am 15 <sup>40</sup> -
Dec 1	7 am	247.20		10 <sup>40</sup>	60	42 - 7 am

November 1926

Premier	24525400
Redwood	3367100
30" Line	33472400
16" Line	2292100
Gage Height	247.20
Leakage	5-15



1926

Dec

	Time	Gage Height	Exp cups	Temp	Wind Dir	Wind Force	
1	7 am	247.20					42-7 am 2 <sup>40</sup> 57-9 am 21 <sup>40</sup>
2	7 am	247.17		60			55-6 am 10 <sup>40</sup> 40-4 pm 14 <sup>40</sup>
3	7 am	247.12		59			55-6 am 1 <sup>40</sup> 38-7 am 33 <sup>1/2</sup> <sup>40</sup>
4	7 am	247.19		59 96			40-4 <sup>30</sup> pm 15 <sup>1/2</sup> <sup>40</sup>
5	7 am	247.15		59 75			39-8 am 26 <sup>40</sup>
6	7 am	247.07		58 02			55-10 am 31 <sup>40</sup>
7	7 am	247.00		58 65			56-5 pm 22 <sup>10</sup> <sup>40</sup>
8	7 am	246.82		58			39 <sup>1/2</sup> -3 <sup>10</sup> pm 24 <sup>40</sup>
9	7 am	High Tide		- 87			39 <sup>1/2</sup> -3 <sup>10</sup> pm 39 <sup>50</sup> <sup>40</sup>
10	7 am	246.80		56 10			
11	7 am	246.69		55 05			41-7 am 1 <sup>1/2</sup> <sup>40</sup> 57-7 <sup>30</sup> am 31 <sup>1/2</sup> <sup>40</sup>
12	7 am	246.65		56 07			38-3 pm 16 <sup>1/4</sup> <sup>40</sup>
13	7 am	246.75		56 14			0-7 <sup>15</sup> am 22 <sup>40</sup>
14	7 am	246.94		55			39 <sup>1/2</sup> -5 <sup>15</sup> pm 12 <sup>3/4</sup> <sup>40</sup>
15	7 am	247.08		55			41-6 am 24 <sup>40</sup>
16	7 am	247.18		53			39-6 am 24 <sup>40</sup>
17	7 am	247.24		54			39-6 am 24 <sup>40</sup>
18	7 am	247.29		54			40-6 am 5 <sup>40</sup> 39-11 am 4 <sup>40</sup> 55-3 pm 16 <sup>1/4</sup> <sup>40</sup>
19	7 am	247.27		54 10			38-7 <sup>15</sup> am 7 <sup>3/4</sup> <sup>40</sup> 55-3 pm 24 <sup>40</sup>
20	7 am	247.24		53			38-3 pm 24 <sup>40</sup>
21	7 am	247.21		55			38-3 pm 15 <sup>20</sup> <sup>40</sup>
22	7 am	247.25		54 14			39-6 <sup>20</sup> am 23 <sup>40</sup> <sup>40</sup>
23	7 am	247.28		53 01			44-6 am 9 <sup>1/2</sup> <sup>40</sup> 55-3 <sup>30</sup> pm 23 <sup>1/2</sup> <sup>40</sup>
24	7 am	Stormy		30 <sup>40</sup> 26			38-3 pm 25 <sup>1/4</sup> <sup>40</sup>
25	7 am	247.26		52			39-4 <sup>15</sup> pm 15 <sup>1/2</sup> <sup>40</sup>

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1926

BSC

	Time	Gage Head Low High	Temp	Wind
26	7 am	247.29	51	4.2 15
27	7 am	247.29	50	
28	7 am	247.22	50	
29	7 am	247.23	51	
30	7 am	247.28	50	
31	7 am	247.25	50	
Jan 1 1927	7 am	247.23	51	

December 1926

Cornier	24553000
Redwood	4842400
30" line	33626300
16" line	2292100
Gage Height	24723
Leadage	.5-15

40-7<sup>30</sup> am 6<sup>1/2</sup> - 55-2 P.M. 25<sup>40</sup>56-3 P.M. 19<sup>40</sup>39-10 am 13<sup>40</sup> - 08-11<sup>40</sup> am 3<sup>40</sup> - 0-12<sup>30</sup> P.M. 2<sup>50</sup> - 39-3<sup>20</sup> P.M. 28<sup>40</sup>40-8 P.M. 19<sup>40</sup>56-3 P.M. 24<sup>40</sup>39-3 P.M. 16<sup>40</sup>

39-7 am



1927

Jan

	Time	Gage Height	Exp. Cntr	Temp	Rain	Lake Temp	Blow	State
1	7 am	247.23						39-7 am 24 1/2 Hrs
2	7 am	247.25		51				40-7:30 am 6 Hrs 56-1:30 P.M. 24 1/2 Hrs
3	7 am	247.21		51				55-2 P.M. 16 Hrs
4	7 am	247.15		52				39-6 am 9 Hrs 38-3 P.M. 16 1/4 Hrs
5	7 am	247.13		53				40-7:15 am 8 1/4 Hrs 41-3:30 P.M. 15 1/4 Hrs
6	7 am	247.15		52				42-6:45 am 8 1/4 Hrs 56-3 P.M. 15 Hrs
7	7 am	247.10		52				44-6 am 7 1/2 Hrs 55-1:30 P.M. 16 1/2 Hrs
8	7 am	247.06		52				39-6 am 26 1/2 Hrs
9	7 am	247.07		53				40-8:30 am 5 1/2 Hrs 56-2 P.M. 16 Hrs
10	7 am	247.05		53				39-6 am 9 Hrs 56-3 P.M. 15 Hrs
11	7 am	247.05		29 54				40-6 am 33 Hrs
12	7 am	247.09		30 54				56-3 P.M. 17 Hrs
13	7 am	247.07		02 54				55-8 am 22 Hrs
14	7 am	247.00		54				38-6 am 24 Hrs
15	7 am	247.02		54				38-6 am 11 1/2 Hrs 39-5:30 P.M. 18 1/2 Hrs
16	7 am	247.04		54				55-12 Noon 18 Hrs
17	7 am	247.01		54				39-6 am 9 Hrs 55-3 P.M. 15 Hrs
18	7 am	246.98		55				39-6 am 9 Hrs 55-3 P.M. 15 Hrs
19	7 am	246.92		55				40-6 am 33 Hrs
20	7 am	246.90		55				56-3 P.M. 15 Hrs
21	7 am	246.83		21 55				40-6 am 9 Hrs 55-3 P.M. 15 Hrs
22	7 am	246.72		54				43-6 am 9 Hrs 39-3 P.M. 25 Hrs
23	7 am	246.73		54				55-4 P.M. 14 Hrs
24	7 am	246.69		53				39-6 am 34 1/2 Hrs
25	7 am	246.65		54				40-4:30 P.M. 13 1/2 Hrs



16 1927

A Jaw

Time

Gage  
Height

Exp. Cups

Temp

Rain

Lake  
TempBlow  
Gauge

26

7 am

246.62

54

46-6 am 8 Hrs 41.7 P.M. 1 Hr 47-3 P.M. 15 Hrs

27

7 am

246.58

54

40-6 am 24 Hrs

28

7 am

246.53

53

45-6 am 3 Hrs 56-9 am 7 Hrs 55-4 P.M. 14 Hrs

29

7 am

246.43

54

40-6 am 9 Hrs 55-3 P.M. 15 Hrs

30

7 am

246.38

54

40-6 am 11 Hrs 55-5 P.M. 13 Hrs

31

7 am

246.35

55

40-6 am 10 Hrs 55-4 P.M. 14 Hrs

Feb-1

7 am

246.31

54

39-6 am 1

January

Premier

24677500

Redwood

7008400

30" Line

34093900

16" Line

2321300

Gage Height

24631

Leadage

5-15



1927							
Feb	Time	Eggs	Height	Wings	Temp	Rain	Place
1	7 am		246.31			54	39-7 am 9 hrs 55-4 P.M., 14 hrs
2	7 am		246.27			54	39-6 am 9 hrs 55-3 P.M. 15 hrs
3	7 am		246.30			55	39-6 am 10 hrs 55-4 P.M., 14 hrs
4	7 am		246.29			56	39-6 am 2 <sup>50</sup> hrs
5	7 am		246.44			64 56	41-6 <sup>50</sup> am 9 <sup>10</sup> hrs 55-4 P.M. 16 <sup>40</sup> hrs
6	7 am		246.49			56	39-8 <sup>40</sup> am 30 <sup>20</sup> hrs
7	7 am		246.60			56	57-3- P.M., 15 hrs
8	7 am		246.67			56	41-6- am 1 <sup>40</sup> hrs 56-7 <sup>40</sup> am 6 <sup>20</sup> hrs 54-2 P.M., 1 hr 56-3 P.M. <sup>15 hrs</sup>
9	7 am		246.73			56	38-6 am 9 <sup>1/2</sup> hrs 54-3 <sup>30</sup> P.M., 14 <sup>1/2</sup> hrs
10	7 am		246.80			56	38-6 am 9 hrs 55-3 P.M. 15 hrs
11	7 am		246.95			60 56	39-6 am 10 hrs 40-4 P.M. 15 hrs
12	7 am		247.07			03 55	41-7 am 8 hrs 54-3 P.M., 15 hrs
13	7 am		247.15			22 55	39-6 am 10 hrs 54-3 P.M., 15 hrs
14	7 am		247.44			86 55	39-6 am 25 hrs
15	7 am		247.70			278 56	38-7 am 16 hrs 0-11 P.M., 13 <sup>1/2</sup> hrs
16	7 am	same species	250-			3 01 56	
17	7 am		250-			07 56	
18	7 am		250-			02 57	
19	7 am		250-			58	
20	7 am		249.97			59	
21	7 am		249.95			59	12-11 <sup>30</sup> am 4 <sup>1/2</sup> hrs 0-3 <sup>30</sup> P.M. 9 <sup>3/4</sup> hrs
22	7 am		249.95			04 59	
23	7 am		250.04			10 59	
24	7 am		250.04			59	
25	7 am		250-			61	06-1 P.M. 3 <sup>1/2</sup> hrs 0-4 <sup>30</sup> P.M. 15 hrs



1927		Gage					
Feb	Time	Height	Evap cups	Temp	Rain	Wind	Bar
26	7 am	249.98			61		
27	7 am	249.96			60		
28	7 am	249.90			60		
Mar 1-	7 am	249.82			60		

09-7<sup>30</sup> am - 3 1/2 hrs 0-11 am 20 hrs  
 20-7 am 2 hrs 42-9 am 7 1/2 hrs 0-4<sup>30</sup> pm 19 1/2 hrs  
 42-12<sup>noon</sup> 4 hrs 44-4 pm 5 hrs 46-9 pm 10 hrs  
 46-7 am

## February

Premier	246775 00
Redwood	81087 00
30" Linc	347055 00
16" Linc	23213 00
Gage Height	249 82
Leakage	5-4



1927

March

	Time	Height	Temp	Rain	Wind
1	7 am	249.82		60	
2	7 am	249.70		61	
3	7 am	249.60		90	60
4	7 am	249.65		25	58
5	7 am	249.80		44	57
6	7 am	249.72			58
7	7 am	249.62			59
8	7 am	249.55			58
9	7 am	249.46		50	58
10	7 am	249.55		14	57
11	7 am	249.47			58
12	7 am	249.35			58
13	7 am	249.32			59
14	7 am	249.27			60
15	7 am	249.17			59
16	7 am	249.11			58
17	7 am	248.99			59
18	7 am	248.92			60
19	7 am	248.80			59
20	7 am	248.68			59
21	7 am	248.54			59
22	7 am	248.41			60
23	7 am	248.17			62
24	7 am	247.90			62
25	7 am	247.78			63

2m3

46-7 am 9 hrs 45-4 Pm 14 hrs  
 43-6 am 7 1/2 hrs 41-100 Pm 49 1/2 hrs  
 07-3 Pm 15 hrs  
 40-6 am 56 1/2 hrs  
 - -  
 07-2<sup>30</sup> Pm 15 1/2 hrs  
 41-6 am 12 hrs 40-6 Pm 13 3/4 hrs  
 39-7<sup>15</sup> am 5<sup>45</sup> hrs 07-1<sup>30</sup> Pm 16 1/2 hrs  
 39-6 am 33 1/2 hrs  
 41-3<sup>30</sup> Pm 14 1/2 hrs  
 46-6 am 8<sup>15</sup> hrs 07-2<sup>30</sup> Pm 15 1/2 hrs  
 39-6 am 10 hrs 09-4 Pm 14 hrs  
 40-6 am 32 1/2 hrs  
 09-2<sup>30</sup> Pm 15 1/2 hrs  
 41-6 am 34 hrs  
 09-4 Pm 18 hrs  
 42-6 am 7 hrs 40-1 Pm 25 hrs  
 09-2 Pm 16 hrs  
 40-6 am 12 1/2 hrs 38-6<sup>30</sup> Pm 18 1/2 hrs  
 09-1 Pm 17 hrs  
 39-6 am 24 1/2 hrs  
 41-6<sup>30</sup> am 9 1/4 hrs 43-7<sup>15</sup> am 22 3/4 hrs  
 46-6 am 9 hrs 16-3 Pm 15 hrs  
 42-6 am 24 hrs



1927

March	Time	Eggs Height	Coat Color	Temp	Rain	Wind	Temp
26	7 am	247.57					62
27	7 am	247.40					62
28	7 am	247.20					61
29	7 am	247.00					62
30	7 am	246.90					58 60
31	7 am	246.77					66 61
Apr 1 <sup>4th</sup>	7 am	246.71					62 60

48.9

## March

Premier	248 24.400
Redwood	1170 200
30" line	3556 6000
16" line	2321 300
Egg Height	246.71
Sealage	5-13

39-6 am 7 hrs 09-1-PM 17 hrs

40-6 am 28 hrs

43-6 am 2 hrs 46-8 am 7 hrs 10-3-PM 15 hrs

41-6 am 33 hrs

09-3 PM 15 hrs

40-6 am 1 hr



1929

April

	Time	Gage Height	Ground Erap. Cuts	Temp.	Rain Total 5 days	Lake Erap. Cuts
1	7 am	246.71				
2	7 am	246.65				
3	7 am	246.52				
4	7 am	246.45				
5	7 am	246.32				
6	7 am	246.20				
7	7 am	246.01				
8	7 am	245.90	9. in	61		
			9.4 in	62	64	
9	7 am	245.70				
10	7 am	245.50			02	
11	7 am	245.41			48	
12	7 am	245.35			20	
13	7 am	245.30				
14	7 am	245.17				
15	7 am	245.10				
16	7 am	244.97	3.9 in	59		
			10.4 in	59	04 60	
17	7 am	244.85				
18	7 am	244.70				
19	7 am	244.50				
20	7 am	244.35				
21	7 am	244.13				
22	7 am	243.91				
23	7 am	243.62				
24	7 am	243.35	14. in	64		
			13. in	66	67	
25	7 am	243.11				

40-7 am 5<sup>30</sup> Hrs 42-10<sup>30</sup> am 4<sup>30</sup> Hrs 09-3 Pm 15 Hrs  
 40-6 am 11 Hrs 39-5-Pm 22 Hrs  
 09-3 Pm 15 Hrs  
 40-6 am 7 Hrs 41-1 Pm 17 Hrs  
 40-6 am 9 Hrs 09-3 Pm 15 Hrs  
 44-6 am 25 Hrs  
 45-7 am 8 Hrs 12-3 Pm 15 Hrs  
 44-6 am 81 Hrs  
 -----  
 -----  
 15-3 Pm 17 Hrs  
 40-8 am 7 Hrs 09-3 Pm 15 Hrs  
 39-6 am 24 Hrs  
 44-6 am 9 Hrs 15-3 Pm 15 Hrs  
 44-6 am 24 Hrs  
 42-6 am 9 Hrs 15-3 Pm 15 Hrs  
 42-6 am 9 Hrs 41-3 Pm 15 Hrs  
 45-6 am 9 Hrs 48-3 Pm 24 Hrs  
 21-3 Pm 14 Hrs  
 49-5 am 34 Hrs  
 42-3 Pm 15 Hrs  
 57-6 am 25 1/2 Hrs  
 60-7<sup>30</sup> am 11 Hrs 59-6<sup>30</sup> Pm 14 1/2 Hrs  
 58-9 am 21 Hrs  
 59-6 am 5 Hrs 49-11 am 6 1/2 Hrs 59-5<sup>30</sup> Pm 12 1/2 Hrs



1929

Apric	Time	Gage Height	Ground Elev Cntr	Temp	Rain	Lake Level	Lake Elevation
26	7 am	242.89					
27	7 am	242.49					
28	7 am	242.11					
29	7 am	241.83					
30	7 am	241.58					
May 1 <sup>st</sup>	7 am	241.29	11.6 in	65			
Ground			12. in	65	66		

64-6 am 48 Hrs  
 58-6 am 11 Hrs 57-5-PM 23 Hrs  
 42-4-PM, 1 of Hrs  
 43-6 am 7 Hrs 57-1-PM, 19 Hrs  
 64-6 am 1 Hr

April

Premier	25280900
Redwood	3955800
30" Line	55837500
16" Line	2338000
Gage Height	241.29
Leakage	5 gals 20 sec
	4-1-27- 5-13
	4-8-27 5-15
	4-24-27 5-17
	5-1-27 5-20



1927

May	Time	Gage Height	Exp. Cap.	Stemp	Plain	Sale	Stemp	Plain	Stemp
1	7 am	241.29							
2	7 am	241.20							550 #
3	7 am	241.35							
4	7 am	241.51							
5	7 am	241.78							
6	7 am	242.02							
7	7 am	242.39						32	
Ground 8 base	7 am	242.60	8. cups in 9.5 v	60 61				05	62
9	7 am	242.94							
10	7 am	243.21							
11	7 am	243.50							
12	7 am	243.75							
13	7 am	243.90							
14	7 am	244.10							
15	7 am	244.25							
Ground 16 base	7 am	244.45	17.0 in 13.9 v	70 70					71
17	7 am	244.55							
18	7 am	244.70							
19	7 am	244.95							
20	7 am	245.00							
21	7 am	245.15							
22	7 am	245.35							
23	7 am	245.53							
Ground 24 base	7 am	245.68	17.0 in 17.8 v	66 65					67
25	7 am	245.79							

64-7 am 47 Hrs

59-6 am 9 Hrs 59-3 Pm. 15 Hrs

59-6 am 9 Hrs 56-3 Pm. 15 Hrs

59-6 am 9 Hrs 56-3 Pm 16 1/2 Hrs

60-7<sup>30</sup> am 7 1/2 Hrs 41-3 Pm. 23 Hrs

55-2 Pm. 19 Hrs

54-9 am 6 Hrs 41-3 Pm, 3 1/2 Hrs 37-6<sup>30</sup> Pm. 11 1/2 Hrs

56-6 am 24 Hrs

55-6 am 8 Hrs No. 2 Pm, 4 Hrs No 10-6<sup>30</sup> Pm. 14 1/2 Hrs

56-9 am 21 Hrs

57-6 am 25 Hrs

59-7 am 8 Hrs 58-3 Pm, 16 1/2 Hrs

60-7<sup>30</sup> am 3 1/2 Hrs

58-3 Pm, 15 Hrs

60-6 am 9 Hrs 59-3 Pm. 15 Hrs

62-6 am 9 Hrs 60-3 Pm, 15 Hrs

62-6 am 9 Hrs 44-3 Pm 15 Hrs

62-6 am 9 Hrs 60-3 Pm, 15 1/2 Hrs

62-6<sup>30</sup> am 8 1/2 Hrs 60-3 Pm 15 Hrs

61-6 am 9 Hrs 43-3 Pm. 16 Hrs

61-7 am 31 Hrs

60-2 Pm 2 Hrs 61-4 Pm. 14 Hrs

64-6 am 9 Hrs 62-3 Pm. 11 Hrs

68-2 am 1 Hrs 62-3 am 11 1/2 Hrs 60-2<sup>30</sup> Pm. 15 1/2 Hrs



1927

Month	Time	Gage Height	Evap. loss	Temp	Rain	Soil Temp	Wind Dir
	26	7 am 245.88					
	27	7 am 245.95					
Ground	28	7 am 245.98	9.6 in	66			
Soil			8.5 "	66	67		
	29	7 am 246.20					
	30	7 am 246.40					
	31	7 am 246.55					
Ground	1 <sup>st</sup>	7 am 246.65	9.5	68	67		
Soil			9.	68			

65- 6 am 9 hrs 60-3 P.M. 15 hrs

62- 6 am 9 hrs 60-3 P.M. 15 hrs

62- 6 am 9 hrs 49-3 P.M. 16 hrs

60- 7 am 23 hrs

59- 6 am 8 1/2 hrs 49- 2<sup>30</sup> P.M. 2 hrs 45- 4<sup>30</sup> P.M. 13 hrs65- 5<sup>30</sup> am 8 1/2 60-3 P.M. 19 hrs

60 7 AM

May

Pumpkin = 27883400

Red wood = 8893500

30" = 38710700

16" = 2752500

Gauge = 246.65

Leakage = 59 gal 173 Dec.



1927	Time	gauge height	Swaps	Temp	Hum	Fall	Temp	Blow
1	7 AM	246.65	94 9	65 65	70	70		
2	7 "	246.80						
3	7 "	246.85						
4	7 "	246.95						
5	7 "	247.05						
6	7 "	247.20						
7	7 "	247.30						
8	7 "	247.35	16 15.4	70 70	70	70		
9	7 "	247.35			71			
10	7 "	247.25			70			
11	7 "	247.20						
12	7 "	247.25						
13	7 "	247.30						
14	7 "	247.35						
15	7 "	247.30						
16	7 "	247.30	10.7 9.4	70 64	70	70		
17	7 "	247.25						
18	7 "	247.25						
19	7 "	247.15						
20	7 "	247.10						
21	7 "	246.80						
22	7 "	246.45						
23	7 "	246.20						
24	7 "	246.15	17 15.5	72 72	72	72		
25	7 "	246.00						

60 7 AM  
60 7 AM 24 AM  
60 6 AM 23. 65 9 AM 3 - 63 3 PM 8 44 4 PM 15 - 64 7 AM 1  
60 6 AM 23. 60 4 PM 9 - 60 7 AM 15  
60 7 AM 23 - 61 6 AM 1  
61 7 AM 20 min. 60 7 20 7 40 - 44 3 PM 2. 45 47 50 55 PM 12 15  
62 7 AM 8 AM 23 - 62 3 40 PM 14 20 60 6 AM 1 hr  
60 7 AM 6 AM 23 - 62 6 AM 7 - 7 AM 1  
62 7 AM 8 AM 5 4 2 3 PM 15 AM 6 7 2 6 AM 1  
67 7 AM 8 AM 5 8 3 PM 16 hr  
58 7 AM 6 30 - 6 4 13 0 PM 2 30 - 4 3 4 PM 14 - 5 8 7 AM 1  
58 7 AM 22 4 9 5 PM 2 hrs  
49 7 AM 1 - 6 4 8 AM 7 1/2 - 4 4 33 0 PM 13 1/2 62 7 AM 2  
62 7 AM 7 30 - 4 7 23 0 - 7 30 - 4 8 9 PM 8 62 5 AM 2  
65 7 AM 8 - 63 3 PM 15 - 65 6 AM 1  
65 7 AM 8 AM 6 2 3 PM 16 hrs  
62 7 AM 8 - 4 7 3 PM 15 - 6 4 6 AM 1  
60 7 AM 8 - 4 2 3 PM 14 5 9 5 AM 2  
59 7 AM 9 4 2 4 PM 13 1/2 - 6 3 5 30 AM 1 1/2  
63 7 AM 24 AM  
63 7 AM 8 60 3 P 1 1/2 6 2 4 30 12 1/2 66 5 AM 2  
68 7 AM 8 - 4 7 3 - 14 6 2 2 5 - 2  
62 7 AM 8 - 4 6 3 - 10 30 6 1 5 30 - 130  
61 7 AM 2 1/2 - 60 0 5 30 AM 130  
60 7 AM - 10 - 5 6 - 5 P 12 30 - 5 9 5 20 AM 140



1927		gage	Swaps	Temp	Bar	Bar	Temp	Bar
June	Time	height	Cases					
	26	7 AM	24600					
	27	7 AM	24605					
	28	7 AM	24605					
	29	7 AM	24605					
	30	7 AM	24600					
July 1 <sup>land</sup>	7 AM	245.90	18 15.3	70 70			73	

59 7 AM 23 1/2 - 61-630A 4 hrs  
 61 7 AM 4 Hrs - 46 at 11 A 18-49 15 H 2  
 49 7 AM 30 - 51 730A 830 - 46-4 P 15  
 62 7 AM 23 Hrs 616 A 1  
 61 7 AM - 12 - 60 7 P 11 - 646 A 1  
 64-7 A - 8 hrs - 61-3 P - 15 hrs - 63-6 A - 1

Primer = 30741700  
 Prod wood = 4884100  
 30" = 42316000  
 16" = 2995500  
 Gauge = 245.90

headage 6-8- = 5 gal in 8 Sec m/d  
 " 6.16 = 5 " " 10 "  
 " 6 W = 5 " " 10 "  
 " 7-1- = 5 " " 10 "



1927	June	Stage	Temp	Wind	Rain	Bar	Wind
1	7 am	24590	18.9 in	70			
2	7 am	24590	18.3 ✓	70	73		
3	7 am	24591					
4	7 am	24608					
5	7 am	24625					
6	7 am	24620					
7	7 am	24612					
8	7 am	24595	18.9 in	71	73		
9	7 am	24582	17.8 ✓	71			
10	7 am	24572					
11	7 am	24566					
12	7 am	24555					
13	7 am	24545					
14	7 am	24530					
15	7 am	24522					
16	7 am	24515	22 in	70	74		
17	7 am	24510	19.4 ✓	70			
18	7 am	24516					
19	7 am	24481					
20	7 am	24470					
21	7 am	24465					
22	7 am	24466					
23	7 am	24472					
24	7 am	24480	26.4 in	73	76		
25	7 am	24495	20.8 ✓	75			

64- 7 am 8 hrs 61- 3 Pm 15 hrs  
63- 6 am 9 hrs 61- 3 Pm 16 hrs  
60- 7 am 3 1/2 hrs  
49- 3 Pm 15 hrs  
61- 6 am 2 1/2 hrs  
60- 6 am 1 1/2 hrs 59- 7<sup>15</sup> am 11<sup>25</sup> hrs 60- 6<sup>40</sup> Pm, 4<sup>30</sup> hrs  
61- 4 Pm 3/4 - 62- 4<sup>45</sup> Pm 12<sup>15</sup> hrs  
64- 6 am 8 hrs 61- 2 Pm, 4<sup>1/2</sup> hrs 60- 6<sup>30</sup> Pm, 6<sup>50</sup> hrs  
60- 1<sup>20</sup> am 5<sup>10</sup> hrs 63- 5 am 12<sup>1/2</sup> hrs 62- 6<sup>30</sup> Pm 2<sup>1/2</sup> hrs  
63- 7 Pm 15<sup>1/2</sup> hrs  
64- 10<sup>30</sup> am 4<sup>1/2</sup> hrs 65- 3 Pm, 15 hrs  
63- 6 am 20 hrs 64- 6<sup>20</sup> am 23<sup>40</sup> hrs  
62- 6 am 10<sup>1/2</sup> hrs 59- 4<sup>30</sup> Pm, 13<sup>1/2</sup> hrs  
62- 6 am 9 hrs 66- 3 Pm 19<sup>1/2</sup> hrs  
68- 10<sup>30</sup> am 5<sup>40</sup> hrs 61- 4<sup>10</sup> Pm, 15<sup>50</sup> hrs  
60- 8 am 22 hrs  
68- 6 am 9 hrs 60- 3 Pm, 5<sup>20</sup> hrs 5<sup>30</sup> Pm, 12<sup>1/2</sup> hrs  
63- 6 am 5 hrs 49- 11 am 4 hrs 45- 3 Pm 14 hrs  
64- 5 am 10 hrs 61- 3 Pm 15 hrs  
62- 6 am 9 hrs 60- 3 Pm, 15 hrs  
64- 6 am 9 hrs 61- 3 Pm, 15 hrs  
63- 6 am 9 hrs 60- 3 Pm, 26 hrs  
59- 5 Pm 13 hrs  
60- 6 am 9 hrs 59- 3 Pm 15 hrs



1927	Time	Gage Height	Temp	Wind	Rain	Bar	Humid
July 26	7 am	245.03					
27	7 am	245.10					
28	7 am	245.15					
29	7 am	245.15					
30	7 am	245.17					
31	7 am	245.20					
Aug 1-27	7 am	245.30	19.4 in	72	.74		

64-6 am 9 hrs 59-3 Am 4 hrs 61-7 Am 11 hrs  
 64-6 am 5 1/2 hrs 62-11<sup>30</sup> am 3<sup>30</sup> hrs 60-3 Am 15 hrs  
 64-6 am 9 hrs 61-3 Am 3 hrs 63-6 Am 12 hrs  
 64-6 am 8 hrs 61-2 Am 16 hrs  
 62-6 am 9 hrs 60-3 Am 39 1/4 hrs  
 63-6<sup>15</sup> am 3/4

Premier 33750100  
 Redwood 2448200  
 30" Line 46717800  
 16" Line 3553600  
 Gange 245.30  
 Leakage 5 Gal 10 sec 30 per min



19 1927

Way	Time	Gage Height	Swamp Caps	Temp	Rain	Wind	Bar
1	7 am	245.30					
2	7 am	245.34					
3	7 am	245.35					
4	7 am	245.35					
5	7 am	245.37					
6	7 am	245.39					
7	7 am	245.50					
8	7 am	245.60	18 c in	61	63		
9	7 am	245.68					
10	7 am	245.69					
11	7 am	245.65					
12	7 am	245.69					
13	7 am	245.65					
14	7 am	245.69					
15	7 am	245.90					
16	7 am	245.87	18 c in	72	74		
17	7 am	245.87					
18	7 am	245.86					
19	7 am	245.85					
20	7 am	245.88					
21	7 am	245.91					
22	7 am	246.04					
23	7 am	246.07	15. c in	73	75		
24	7 am	246.09					
25	7 am	246.10					

63-7 am 8 hrs 60-3 Pm 15 hrs

62-6 am 2 1/2 hrs

65-6 am 8 hrs 62-2 Pm 16 hrs

65-6 am 7 hrs 62-1 Pm 17 hrs

63-6 am 9 hrs 62-3 Pm 23 1/2 hrs

65-2 30 Pm 15 1/2 hrs

61-6 am 8 hrs 60-2 Pm 24

68-2 Pm 15 1/2 hrs

61-5 30 am 8 1/2 hrs 60-2 Pm 22 hrs

66-12 noon 17 1/2 hrs

60-5 30 am 10 1/2 hrs 46-4 Pm 14 hrs

67-6 am 9 hrs 62-3 Pm 24

59-3 Pm 15 1/2 hrs

57-6 30 am 7 1/2 hrs 45-2 Pm 16 hrs

61-6 am 8 hrs 47-2 Pm 16 30 hrs

62-6 30 am 8 1/2 hrs 47-2 30 Pm 15 1/2 hrs

62-6 am 8 hrs 47-2 Pm 15 1/2 hrs

64-5 30 am 9 1/2 hrs 62-3 Pm 15 1/2 hrs

63-6 am 7 1/2 hrs 47-1 30 Pm 16 1/2 hrs

65-6 am 8 1/2 hrs 49-2 30 Pm 16 1/2 hrs

59-7 am 7 1/2 hrs 45-2 30 Pm 15 1/2 hrs

63-6 am 9 hrs 60-3 Pm 24 hrs

45-3 Pm 14 50 hrs

61-5 50 am 11 55 hrs 59-5 45 Pm 12 1/2 hrs

62-6 am 8 1/2 hrs 46-2 30 Pm 15 1/2 hrs



1927	Water	Since	Gage	Evap	Temp	Rain	Wind	Bar
			Height	Cap				
		gain	246.12					
		7 am	246.14					
		7 am	246.18					
		7 am	246.35					
		7 am	246.28					
		7 am	246.23					
Sept 1	7 am	245.95	22 in	61	62			

Premier	37112000
Redwood	1350000
30" Line	50994100
16" Line	4043700
Gage	245.95
Leakage	5 Gal 10 Sec

62-6 am 9 hrs	46-3 Pm 15 hrs
65-6 am 8 1/2 hrs	58-2:30 Pm 23 1/2 hrs
45-2 Pm 16 hrs	
60-6 am 8 hrs	59-2 Pm 16 hrs
61-6 am 8 hrs	59-2 Pm 16 hrs
61-6 am 7 1/2 hrs	59-1:30 Pm 17 1/2 hrs



1927

Sept

	Time	Gage Height	Swaps Cups	Flow Temp	Rain	Water Temp	Bar
1	7 am	245.95					
2	7 am	245.90					
3	7 am	245.85					
4	7 am	245.85					
5	7 am	245.97					
6	7 am	246.05					
7	7 am	246.07					
8	7 am	246.04	15.6 in	71	73		
9	7 am	246.04					
10	7 am	246.05					
11	7 am	246.10					
12	7 am	246.25					
13	7 am	246.23					
14	7 am	246.22					
15	7 am	246.15					
16	7 am	246.12	19. in	68	69		
17	7 am	246.09					
18	7 am	246.10					
19	7 am	246.25					
20	7 am	246.22					
21	7 am	246.19					
22	7 am	246.20					
23	7 am	246.19					
24	7 am	246.19	13.4 in	69	71		
25	7 am	246.20					

29- 7 am 4 hrs 58- 11 am 28 hrs

29- 3 P.M. 15 hrs

29- 6 am 9 hrs 57- 3 P.M. 63 hrs

30- 6 am 8 hrs 57- 2 P.M. 16 hrs

30- 6 am 9 1/2 hrs 61- 3<sup>30</sup> P.M. 14 1/2 hrs30- 6 am 8 1/2 hrs 59- 2<sup>30</sup> P.M. 15 1/2 hrs

30- 6 am 9 hrs 48- 3 P.M. 15 hrs

30- 6 am 9 hrs 60- 3 P.M. 17 hrs

30- 8 am 6 1/2 hrs 45- 2<sup>30</sup> P.M. 15 1/2 hrs30- 5<sup>45</sup> am 9<sup>30</sup> hrs 49- 3 P.M. 16 hrs

30- 7 am 6 hrs 47- 1 P.M. 17 hrs

30- 6 am 9 1/2 hrs 53- 3<sup>30</sup> P.M. 14 1/2 hrs

30- 6 am 9 hrs 51- 3 P.M. 15 hrs

30- 6 am 9<sup>30</sup> hrs 60- 6<sup>30</sup> am 3<sup>30</sup> hrs 62- 9<sup>30</sup> am 1 1/2 hrs 65- 11 am 4 hrs 58- 3 P.M. 15 hrs

30- 6 am 9 hrs 47- 3 P.M. 15 hrs

30- 6 am 10 hrs 47- 4 P.M. 14 hrs

30- 6 am 9 hrs 47- 3 P.M. 15 hrs

30- 6 am 9 hrs 57- 3 P.M. 14 1/2 hrs

30- 5<sup>30</sup> am 9<sup>30</sup> hrs 49- 3 P.M. 15 hrs

30- 6 am 9 hrs 47- 3 P.M. 15 hrs

30- 6 am 9<sup>30</sup> hrs 58- 3<sup>30</sup> P.M. 14<sup>30</sup> hrs30- 6 am 9<sup>15</sup> hrs 46- 3<sup>30</sup> P.M. 15<sup>50</sup>30- 7 am 8<sup>30</sup> hrs 46- 3<sup>30</sup> P.M. 14 1/2 hrs



1927

Sept

	Time	Gage Height	Swamp cups	Rain Swamp	Rain	Rain Swamp	Rain
26	7 am	246.32					
27	7 am	246.35					
28	7 am	246.36					
29	7 am	246.45					
30 late	7 am	246.47					
OCT 1	7 am	246.48	19 in	66		69	

21 - 6 am 9 hrs 47 - 3 Pm 15 hrs  
 22 - 6 am 9 hrs 60 - 3 Pm 14 hrs  
 26 - 5<sup>30</sup> am 9<sup>45</sup> hrs 60 - 3<sup>15</sup> Pm 14<sup>45</sup> hrs  
 23 - 6 am 9 hrs 60 - 3 Pm 14<sup>45</sup> hrs  
 25 - 5<sup>45</sup> am 9<sup>20</sup> hrs 58 - 3 Pm 15 hrs  
 20 - 6 am 1 Hr

Premier 41222000  
 Redwood 9204200  
 30" Line 56200600  
 16" Line 4436600  
 Gage 24648  
 Leakage 5 Gals 11 sec



1927

Oct  
Party

Time	Gage Height	Evap Cups	Pan Evap	Rain Inch	Damp	Blue Streak
1	7 am 246.48					
2	7 am 246.47					
3	7 am 246.51					
4	7 am 246.42					
5	7 am 246.40					
6	7 am 246.35					
7	7 am 246.30					
8	7 am 246.24	13.9 in	67	68		
9	7 am 246.24					
10	7 am 246.35					
11	7 am 246.35					
12	7 am 246.30					
13	7 am 246.28					
14	7 am 246.28					
15	7 am 246.28					
16	7 am 246.30	11.6 in	66	68		
17	7 am 246.42					
18	7 am 246.47					
19	7 am 246.53					
20	7 am 246.57					
21	7 am 246.56					
22	7 am 246.54					
23	7 am 246.61					
24	7 am 246.74	23.4 in	67	68		
25	7 am 246.80					

60-7 am 8 hrs 46-3 Pm 16 hrs
60-7 am 8 hrs 48-3 Pm 15 hrs
65-6 am 9 hrs 57-3 Pm 14 hrs
0-5 am 6 <sup>15</sup> hrs 58-11 <sup>15</sup> am 18 <sup>45</sup> hrs
59-6 am 9 hrs 60-3 <sup>30</sup> Pm 14 1/2 hrs
63-6 am 9 hrs 60-3 Pm 15 hrs
66-6 am 8 hrs 60-2 <sup>30</sup> Pm 15 1/2 hrs
63-6 am 9 hrs 46-3 Pm 15 hrs
58-6 am 7 hrs 46-1 Pm 17 hrs
64-6 am 8 1/2 hrs 46-2 <sup>30</sup> Pm 1 1/2 hrs 42-4 Pm 14 hrs
61-6 am 9 hrs 42-3 Pm 15 hrs
61-6 am 9 hrs 58-3 Pm 4 1/4 hrs 60-7 <sup>15</sup> Pm 10 3/4 hrs
66-6 am 9 hrs 48-3 Pm 15 hrs
63-6 am 9 hrs 48-3 Pm 15 hrs
61-6 am 1 1/2 hrs 49-7 <sup>30</sup> am 24 <sup>30</sup> hrs
46-7 <sup>30</sup> am 22 <sup>15</sup> hrs
59-6 am 1 1/4 hrs 45-7 <sup>15</sup> am 6 3/4 hrs 42-2 Pm 16 hrs
48-6 am 23 <sup>50</sup> hrs
54-5 <sup>50</sup> am 10 <sup>10</sup> hrs 47-4 Pm 14 hrs
63-6 am 9 hrs 46-3 Pm 15 hrs
63-6 am 8 hrs 58-2 Pm 16 hrs
64-6 am 3 hrs 52-9 am 6 hrs 44-3 Pm 19 hrs
53-9 am 21 hrs
51-6 am 9 hrs 46-1 Pm 17 hrs
52-6 am 9 hrs 47-3 Pm 15 hrs



1927

Oct

Time	Gage Height	Evap cups	Pan Evap	Rain	Wind	Temp	Bar	Cloud
------	-------------	-----------	----------	------	------	------	-----	-------

26 7 am 246.82

.02

27 7 am 246.97

.17

28 7 am 247.11

.20

29 7 am 247.24

30 7 am 247.39

31 7 am 247.44

5.5 am - 1.30

.47

Nov 1 7 am 247.55  
no cooperation of heavy sea

.16

Premier 44193600

Redwood 6074800

30" Line 59920700

16" Line 5148400

Gage 24755

Penaga 5 Gals 10 sec

49- 6 am 1 hr 15-7 am 2 1/4 hrs 0-9<sup>15</sup> am 6 1/4 hrs 39-3<sup>30</sup> pm 15 1/2

0-7 am 10 hrs 40-5 pm 13 1/2 hrs

51-6<sup>30</sup> am 8<sup>20</sup> hrs 0-2<sup>50</sup> pm 15<sup>20</sup> hrs

42-6 am 26 hrs

6-8 am 7 hrs 43-3 pm 17 hrs

40-8 am 23 hrs

0-7 am 7<sup>30</sup> hrs 40-2<sup>30</sup> pm



1927

No.

No.	Time	Gage Height	Trap Cups	Area Served	Recess Time	Recess Place
1	7 am	247.55			177	
2	7 am	247.45				
3	7 am	247.37				
4	7 am	247.25				
5	7 am	247.12				
6	7 am	247.00				
7	7 am	246.90				
8 <sup>ground</sup>	7 am	246.75	1.9 in	61	65	
9	7 am	246.65			65	
10	7 am	246.55			15 65	
11	7 am	246.50			65	
12	7 am	246.36			65	
13	7 am	246.25			65	
14	7 am	246.12			64	
15	7 am	245.96			64	
16 <sup>ground</sup>	7 am	245.85	4. in	56	64	
17	7 am	245.70			63	
18	7 am	245.53			64	
19	7 am	245.30			64	
20	7 am	245.12			64	
21	7 am	244.90			64	
22	7 am	244.90			63	
23 <sup>ground</sup>	7 am	245.00			62	
24	7 am	245.07	7. in	50	61	
25	7 am	245.20			60	

197

0-7 am 7 1/2 hrs 40-2 <sup>30</sup> Pm 17 hrs
0-7 <sup>30</sup> am 8 hrs 40-3 <sup>30</sup> Pm 15 1/2 hrs
0-7 am 8 hrs 40-3 Pm 16 1/4 hrs
0-7 <sup>30</sup> am 7 1/2 hrs 43-3 Pm 15 hrs
40-6 am 1 hr 15-7 am 6 hrs 41-1 Pm, 19 <sup>45</sup> hrs
0-8 <sup>45</sup> am 6 1/2 hrs 40-3 Pm, 40 <sup>20</sup> hrs
0-7 <sup>30</sup> am 5 <sup>40</sup> hrs 41-1 Pm 17 1/2 hrs
43-6 <sup>30</sup> am 1 hr 0-7 <sup>30</sup> am 8 hrs - 43-3 <sup>30</sup> Pm, 14 1/2 hrs
40-6 am 10 1/2 hrs 0-4 <sup>30</sup> Pm 14 1/2 hrs
41-7 am 48 1/2 hrs
42-7 <sup>30</sup> am 3 1/2 hrs
43-3 Pm 2 <sup>30</sup> hrs 46-5 <sup>20</sup> Pm, 12 <sup>10</sup> hrs
0-5 <sup>30</sup> am 12 1/2 hrs 40-6 Pm, 12 <sup>10</sup> hrs
44-2 <sup>30</sup> Pm, 40 <sup>40</sup> hrs
58-7 <sup>10</sup> am 7 <sup>50</sup> hrs 45-3 Pm 15 hrs
57-6 am 8 hrs 45-2 Pm, 16 hrs
40-6 am 1 <sup>40</sup> hrs 55-7 <sup>40</sup> am 23 <sup>0</sup> hrs
54-7 am 8 hrs - 40-3 Pm, 15 1/2 hrs
46-6 <sup>30</sup> am 9 1/2 hrs 42-4 Pm 15 hrs
43-7 am 24 hrs
57-7 am 10 hrs 12-5 Pm, 14 hrs
56-7 am 6 1/2 hrs 55-1 <sup>30</sup> Pm 18 hrs



1927

Nov

	Time	Gage Height	Evap Cups	Wind	Temp	Rel. Hum.	Bar.	Wind Dir.
26	7 am	245.25				60		
27	7 am	245.35				60		
28	7 am	245.58				60		
29	7 am	245.77				60		
30	7 am	245.91				60		
Dec 1-	7 am	245.92	6. in	52		60		

Premier

44438900

Redwood

742800

30" Line

60629400

16" Line

5164200

Gage

245.92

Leakage

5 Gals per sec

53-7<sup>30</sup> am 3 1/2 hrs 42-11 am 20<sup>10</sup> hrs06-7<sup>30</sup> am 32<sup>40</sup> hrs12-4<sup>30</sup> pm 14 1/2 hrs16-7 am 5<sup>50</sup> hrs 54-10<sup>50</sup> am 5 1/2 hrs 15-4<sup>10</sup> pm 14<sup>10</sup> hrs54-6<sup>30</sup> am 8<sup>40</sup> hrs 56-3<sup>15</sup> pm



1927  
Dec

	Time	Gage Height	Evap Cups	Bar Temp	Rain Rate	Wind Temp	Wind Dir
1	7 am	24592			5-6 in 6 to 10 in		54-7 am 23 1/2 hrs
2	7 am	24593			60		60-6 <sup>30</sup> am 9 1/2 hrs 54-4 Pm 14 hrs
3	7 am	24590			59		56-6 am 4 hrs 41-10 am 24 1/2 hrs
4	7 am	24595			59		42-10 <sup>30</sup> am 20 hrs
5	7 am	246.00			58		44-6 <sup>30</sup> am 3 1/2 hrs
6	7 am	246.02			57		43-1 <sup>30</sup> Pm 16 1/2 hrs
7	7 am	246.05			57		44-6 am 9 hrs 56-3 Pm, 4 <sup>30</sup> hrs 59-7 <sup>30</sup> Pm 10 <sup>35</sup> hrs
8	7 am	246.04	6.9 in	49	57		44-6 am 1 hr 57-7 am 8 1/2 hrs 44-3 <sup>30</sup> Pm 14 1/2 hrs
9	7 am	246.00			57		49-6 am 9 hrs 41-3 Pm, 2 <sup>20</sup> hrs
10	7 am	246.02			57		40-1 <sup>30</sup> Pm, 26 <sup>10</sup> hrs
11	7 am	246.16		127	56		0-3 <sup>30</sup> Pm, 26 <sup>10</sup> hrs
12	7 am	246.24		105	53		40-6 am 1 hr
13	7 am	246.25			53		41-7 am 3 1/2 hrs
14	7 am	246.25			53		06-3 Pm 15 hrs
15	7 am	246.35			53		41-6 am 8 1/2 hrs 0-2 <sup>30</sup> Pm, 15 1/2 hrs
16	7 am	246.44	11.8 out	52	53		41-6 am 3 1/2 hrs
17	7 am	246.45			53		43-4 Pm 14 3/4 hrs
18	7 am	246.46			53		40-6 <sup>45</sup> am 10 1/4 hrs 0-5 Pm 14 hrs
19	7 am	246.50			54		41-7 am 10 1/2 hrs 43-5 <sup>30</sup> Pm 14 1/2 hrs
20	7 am	246.47			53		45-8 am 12 1/2 hrs 0-8 <sup>30</sup> Pm 10 1/2 hrs
21	7 am	246.52			53		44-7 am 24 hrs
22	7 am	246.55		145	53		42-7 am 7 hrs 0-2 Pm 17 hrs
23	7 am	246.52			52		43-7 am 24 hrs
24	7 am	246.40	8.0 out	48	53		41-7 am 10 hrs 0-5 Pm 14 hrs
25	7 am	Haze mist			-		41-7 am 8 hrs 42-3 Pm, 19 <sup>45</sup> hrs



1927 Dec	Time	Gage Height	Evap Cups	Pan	Temp	Rain	Temp	Wind
26	7 am	246.34						
27	7 am	246.35			1.14			
28	7 am	246.24			.55			
29	7 am	246.20						
30	7 am	246.10			.41			
31	7 am	246.05			.08			
Jan 1-28	7 am	245.90	1688 out		1.78			

Premier 450159 00  
 Redwood 380.11 00  
 30" Line 613946 00  
 16" Line 517450 00  
 Gage 24590  
 Leakage 5 gal 15 sec

41-10<sup>th</sup> am 3<sup>31</sup> hrs 0-2<sup>30</sup> pm, 15<sup>1/2</sup> hrs  
 41-6 am 9 hrs 40-3 pm, 24 hrs  
 0-3 pm 15 hrs  
 40-6 am 9 hrs 41-3 pm, 24 hrs  
 06-3 pm 15 hrs  
 41-6 am 25 hrs  
 41-7 am



1928

June

June	Gage Height	Evap Cups	Rain Temp	Rain Temp
1	7 am 245.90			
2	7 am 245.86			
3	7 am 245.73			
4	7 am 245.70			
5	7 am 245.55			
6	7 am 245.42			
7	7 am 245.36			
8	7 am 245.25	2. in	50	55
9	7 am 245.20			55
10	7 am 245.04			54
11	7 am 244.90			54
12	7 am 244.90			54
13	7 am 244.90			55
14	7 am 244.90			56
15	7 am 244.95		05	55
16	7 am 245.05	1 in	46	36 52
17	7 am 245.10			53
18	7 am 245.10			52
19	7 am 245.15			54 500 lb
20	7 am 245.16			51
21	7 am 245.14			51
22	7 am 245.15			51
23	7 am 245.25			51
24	7 am 245.24			50
25	7 am 245.22	5. in	43	50

41-7 am 5 hrs 0-12 noon 19 1/2 hrs

41-7<sup>30</sup> am 24 hrs40-7<sup>30</sup> am 7 1/2 hrs 0-3 Pm. 15 hrs

40-6 am 9 hrs 42-3 Pm. 16 hrs

41-7 am 31 1/2 hrs

08-2<sup>30</sup> Pm. 15 1/2 hrs

41-6 am 9 hrs 40-3 Pm. 24 hrs

0-3 Pm. 15 hrs

40-6 am 25 hrs

46-7 am 6 1/2 hrs 40-1<sup>30</sup> Pm. 19 1/2 hrs42-9 am 5 1/4 hrs 13-2<sup>15</sup> Pm. 15 3/4 hrs

42-6 am 25 hrs

41-7 am 24 1/2 hrs

42-7<sup>30</sup> am 7 1/2 hrs 40-3 Pm. 23 hrs

0-2 Pm. 16 hrs

42-6 am 57 hrs

0-3 Pm. 15 hrs

40-6 am 1 hr 41-7 am 14 hrs 0-9 Pm. 9 hrs

40-6 am 1 1/2 hrs 43-7<sup>30</sup> am 3 2 1/2 hrs

40-4 Pm. 15 hrs

42-7 am 9 hrs 0-4 Pm. 14 hrs

43-6 am 1 hr 42-7 am 23 hrs

43-6 am 1 1/2 hrs 44-5<sup>30</sup> Pm. 12 1/2 hrs

46-6 am 11 hrs 0-5 Pm. 13 hrs



1928

Jan

Jan	Time	Gage Height	Evap Cups	Pan Temp	Rain Gage Temp
26	7 am	245.30			50
27	7 am	High Wind			50
28	7 am	245.24			52
29	7 am	245.19			53
30	7 am	245.20			53
31	7 am	245.16			54
Feb 1	7 am		6 in	49	54

40-6 am 1 1/2 hrs 42-7<sup>30</sup> am 8 1/2 hrs 40-4 Pm 1 1/2 hrs  
 44-6 am 10 1/2 hrs 45-4<sup>30</sup> Pm 17 3/4 hrs  
 43-10<sup>15</sup> am 21<sup>45</sup> hrs  
 41-8 am 2 1/2 hrs  
 51-6 am 9 hrs 52-3 Pm 15 hrs  
 55-6 am 1<sup>20</sup> hrs 51-7<sup>20</sup> am 7<sup>40</sup> hrs 26-3 Pm 15 hrs  
 52-6 am 1 hrs

Premier	45143200
Redwood	6167300
30" Line	61773000
16" Line	5174500
Gage	24519
Leakage	5 gal 15 sec to 50-28
	5 ✓ 18 ✓ ✓ 71-28



1928

Feb

	Time	gauge Height	Evap Cups	Bar Temp	Rain	Lat Temp
1	7 am	245.19				54
2	7 am	245.11				55
3	7 am	245.12			08	56
4	7 am	245.19			18	57
5	7 am	245.37			109	56
6	7 am	245.43				54
7	7 am	245.55				54
8	7 am	245.65	10. out	49		55
9	7 am	245.70				55
10	7 am	245.70				55
11	7 am	245.72				54
12	7 am	245.80				54
13	7 am	245.85				55
14	7 am	245.84				55
15	7 am	245.80			04	55
16	7 am	245.70	3.4 in	42	36	52
17	7 am	245.60				53
18	7 am	245.42				54
19	7 am	245.29				54
20	7 am	245.15				56
21	7 am	245.00				56
22	7 am	244.85				56
23	7 am	244.65	6. in	50		56
24	7 am	244.46				56
25	7 am	244.29				57

175

52-7 am 23 1/2 hrs

51-6<sup>30</sup> am 18 1/2 hrs0-1 am 9 1/2 hrs 43-10<sup>50</sup> am 23<sup>40</sup> hrs40-10<sup>30</sup> am 43 1/2 hrs

43-6 am 8 hrs 10-2 P.M. 16 hrs

43-6 am 1 1/4 hrs 40-7<sup>15</sup> am 7 1/4 hrs 0-3 P.M. 15

40-6 am 2 1/2 hrs

42-6<sup>30</sup> am 8 1/2 hrs 41-3 P.M. 24 hrs

43-3 P.M. 16 1/2 hrs

42-7<sup>30</sup> am 7 1/2 hrs 0-3 P.M. 16 hrs40-7 am 23<sup>40</sup> hrs42-6<sup>40</sup> am 8<sup>20</sup> hrs 44-3 P.M. 15 hrs47-6 am 8 1/2 hrs 0-2<sup>30</sup> P.M. 21 1/2 hrs42-12<sup>noon</sup>-22 hrs

43-10 am 26

10-12<sup>noon</sup> 1/4 hrs 43-1<sup>15</sup> P.M. 25 3/4 hrs

41-3 P.M. 16 3/4 hrs

40-7<sup>45</sup> am 22 1/4 hrs43-6 am 8 hrs 44-2 P.M. 40 hrs 47-2<sup>40</sup> P.M. 14<sup>20</sup> hrs

0-5 am 6 hrs 52-11 am 26 1/2 hrs

48-1<sup>30</sup> P.M. 25 1/2 hrs

42-3 P.M. 39 hrs

48-6 am 25 hrs



1928

Feb

	Time	Gage Height	Evap Cups	Rain Temp	Rain Rate	Wind Dir	Temp
26	7am	244.06					59
27	7am	243.96					58
28	7am	243.95					59
29 mch	7am	244.10					59
1	7am	244.26	6pr	8			59

42-7 am 32 hrs

43-3 Pm 15 hrs

51-6 am 9 hrs 50-3 Pm 24 hrs

63-3 Pm 15 hrs

50-6 am 1 hr

Premier 45286000

Redwood 8101500

30" Line 62106000

16" Line 5174500

Gage 24426

Leakage 5 Gals 15 seconds



1928

March

	Time	Gage Height	Evap Cups	Bar Temp	Rain Temp	Wind Temp
1	7 am	244.26			59	
2	7 am	244.50			60	
3	7 am	244.80			34 60	
4	7 am	245.15			62 59	
5	7 am	245.50			58	
6	7 am	245.80			21 59	
7	7 am	246.15			59	
8	7 am	246.47	7 out	50	60	
9	7 am	246.75			60	
10	7 am	247.02			61	
11	7 am	247.25			62	
12	7 am	247.46			62	
13	7 am	247.60			62	
14	7 am	247.75			15. 62	
15	7 am	247.83			63	
16	7 am	247.85	5.05 cm	54	62	
17	7 am	247.65			62	
18	7 am	247.38			62	
19	7 am	247.20			63	
20	7 am	246.96			64	
21	7 am	246.75			64	
22	7 am	246.70			64	
23	7 am	246.73			65	
24	7 am	246.70	7.06 in	62	65	
25	7 am	246.90			18 65	

50-7-am 2 hrs 49-9-am 30 hrs

43-3-Pm 24 hrs

40-3 Pm 15 40 hrs

47-6<sup>40</sup>-am 23<sup>50</sup> hrs40-6<sup>30</sup>-am 8 1/2 hrs 41-3 Pm 16 hrs40-7 am 7 1/2 hrs 0-2<sup>30</sup> Pm 15 1/2 hrs

41-6 am 25 hrs

42-7 am 25 hrs

43-8 am 9 hrs 42-5 Pm 47 hrs

10-4 Pm 14 hrs

42-6 am 33 hrs

49-3 Pm 73<sup>50</sup> hrs63-4<sup>50</sup> Pm 13<sup>10</sup> hrs

49-6 am 9 hrs 63-3 Pm 23 1/2 hrs

49-2<sup>30</sup> Pm 14 1/2 hrs

0-5 am 9 hrs 48-2 Pm 25 1/2 hrs

57-3<sup>30</sup> Pm 14<sup>30</sup> hrs44-6 am 9 1/2 hrs 57-3<sup>30</sup> Pm 14 1/2 hrs

44-6 am 24 1/2 hrs

46-6<sup>30</sup>-am 8 1/2 hrs 60-3 Pm 14 hrs0-5 am 11 1/2 hrs 42-4<sup>30</sup> Pm 23 hrs58-3<sup>30</sup> Pm 14 1/2 hrs



1928

March

	Time	Gage Height	Evap Cups	Bar Temp	Rain Temp
26	7am	246.91			65
27	7am	246.93			60
28	7am	246.98		04.64	
29	7am	247.01			64
30	7am	246.95			63
31	7am	246.88			63
Apr 1	7am	246.80	9.04 in	58	63

Premier	45416200
Redwood	925600
30" Line	63748600
16" Line	5176500
Gage	24680
Leakage	5 Gal 12 sec

46-6am 9 1/2 hrs 58-3<sup>30</sup> Pm 14 1/2 hrs  
 47-6am 8 1/2 hrs 42-2<sup>30</sup> Pm 15<sup>50</sup> hrs  
 48-6<sup>20</sup> am 6<sup>20</sup> hrs 53-12<sup>40</sup> Pm 2<sup>20</sup> hrs 43-3 Pm 15 hrs  
 44-6am 9 hrs 59-3 Pm 15 hrs  
 44-6am 1 1/4 hrs 60-7<sup>15</sup> am 6<sup>40</sup> hrs 59-2 Pm 41 hrs  
 59-7 am



1928

April

	Time	Gage Height	Evap Cups	Per Temp	Rain Lake Temp
1	7 am	246.80			63
2	7 am	246.75			64
3	7 am	246.70		28	63
4	7 am	246.75		07	63
5	7 am	246.69			62
6	7 am	246.60			62
7	7 am	246.50			63
8	7 am	246.45	6.07 in	60	64
9	7 am	246.45			63
10	7 am	246.32			63
11	7 am	246.20			63
12	7 am	246.10			63
13	7 am	245.91			64
14	7 am	245.77			66
15	7 am	245.70			66
16	7 am	245.75	13.06 in	63	67
17	7 am	245.70			67
18	7 am	245.65			67
19	7 am	245.55			66
20	7 am	245.60			66
21	7 am	245.50			65
22	7 am	245.50			66
23	7 am	245.54			66
24	7 am	245.54	14.5	63	66
25	7 am	245.50			66

59-7 am 27<sup>40</sup>  
 58-10<sup>40</sup> am 6<sup>50</sup> hrs 59-5<sup>30</sup> pm 21<sup>30</sup> hrs  
 42-3 pm 15<sup>30</sup> hrs  
 59-6<sup>30</sup> am 9<sup>10</sup> hrs 58-4 pm 14<sup>20</sup> hrs  
 60-6<sup>20</sup> am 8<sup>40</sup> hrs 58-3 pm 15 hrs  
 59-6 am 9 hrs 58-3 pm 23 hrs  
 42-2 pm 17 hrs  
 44-7 am 6 hrs 60-1 pm 24 hrs  
 59-1 pm 17 hrs  
 62-6 am 9 hrs 60-3 pm 14<sup>50</sup> hrs  
 59-5<sup>40</sup> am 24<sup>10</sup> hrs  
 60-6 am 25<sup>1/2</sup> hrs  
 61-7<sup>30</sup> am 6 hrs 60-2 pm 16 hrs  
 62-6 am 9 hrs 59-3 pm 20<sup>45</sup> hrs  
 60-11<sup>40</sup> am 18<sup>15</sup> hrs  
 61-6 am 9 hrs 57-3 pm 11<sup>1/4</sup> hrs 60-4<sup>15</sup> pm 14 hrs 63-4<sup>30</sup> pm  
 61-10<sup>15</sup> am 4<sup>3/4</sup> hrs 60-3 pm 15 hrs  
 64-6 am 9<sup>1/4</sup> hrs 65-3<sup>15</sup> pm 14<sup>3/4</sup> hrs  
 67-6 am 9 hrs 64-3 pm 15 hrs  
 68-6 am 1<sup>1/4</sup> hrs 66-7<sup>15</sup> am 7<sup>3/4</sup> hrs 63-3 pm 15 hrs  
 67-6 am 9 hrs 64-3 pm 16 hrs  
 60-7 am 9 hrs 45-4 pm 14 hrs  
 65-6 am 9 hrs 46-3 pm 15 hrs  
 66-6 am 9 hrs 60-3 pm 15 hrs  
 63-6 am 8<sup>40</sup> hrs 43-2<sup>40</sup> pm 15<sup>20</sup> hrs

17<sup>30</sup>





1928

April

	Time	Gage Height	Evap Cups	Per Temp	Rain	Leak	Temp
26	7am	245.52					67
27	7am	245.50					67
28	7am	245.54					67
29	7am	245.60					66
30	7am	245.70					67
May 1	7am	245.75	12.7 in	68			67

68- 6am 9 hrs 60- 3 Pm 15 hrs  
 67- 6am 9 hrs 49- 3 Pm 15 hrs  
 58- 6am 9 hrs 59- 3 Pm 16 hrs  
 61- 7am 23 hrs  
 62- 6am 9 hrs 45- 3 Pm 15 hrs  
 62- 1 hr

Premier	48834000
Redwood	6648500
30" Line	68781200
16" Line	5519400
Gage	245.75
Leakage	5 Gals 10 sec



1928

May

	Time	Gage Height	Evap Cuts	Rain Temp	Rain Temp
1	7 am	245.75			
2	7 am	245.80		68	
3	7 am	245.74		70	
4	7 am	245.70		72	
5	7 am	245.61		74	
6	7 am	245.58		72	
7	7 am	245.70		70	
8	7 am	245.75	13. in	65.06	70
9	7 am	245.85		65.69	
10	7 am	246.15		69.68	
11	7 am	246.41		64.67	
12	7 am	246.58		66	
13	7 am	246.78		67	
14	7 am	246.95		66	
15	7 am	247.08		66	
16	7 am	247.20	3. in	63.02	66
17	7 am	247.28		66	
18	7 am	247.35		66	
19	7 am	247.50		66	
20	7 am	247.61		66	
21	7 am	247.84		69.66	
22	7 am	247.89		66	
23	7 am	247.89		66	
24	7 am	247.85	9 in	68	68
25	7 am	247.80		69	
62	7 am 8 hrs	45-3 Pm, 15 hrs			
64	6 am 9 hrs	61-3 Pm, 15 hrs			
64	6 am 9 hrs	61-3 Pm, 15 hrs			
65	6 am 2 hrs				
62	6 am 9 hrs	61-3 Pm, 36 hrs			
18	3 am 9 hrs	67-12 noon 3 hrs 59-3 Pm 15 hrs			
59	6 am 9 hrs	46-3 Pm, 15 hrs			
63	6 am 1 hr 49-7 am 8 hrs 42-3 Pm 16 <sup>30</sup> hrs				
44	7 <sup>30</sup> am 7 <sup>45</sup> hrs	44-3 Pm, 14 <sup>30</sup> hrs			
48	5 <sup>30</sup> am 9 <sup>15</sup> hrs	41-3 Pm, 15 hrs			
45	6 am 9 hrs	46-3 Pm, 15 <sup>50</sup> hrs			
62	6 <sup>30</sup> am 8 <sup>15</sup> hrs	61-3 Pm, 15 hrs			
65	6 am 10 hrs	43-4 Pm, 14 hrs			
59	6 am 7 hrs	44-1 Pm, 3 hrs 42-4 Pm 14 hrs			
62	6 am 9 hrs	59-3 Pm 23 hrs			
59	2 Pm 17 <sup>15</sup> hrs				
61	7 <sup>30</sup> am 7 <sup>45</sup> hrs	46-3 Pm, 17 <sup>30</sup> hrs			
61	8 <sup>30</sup> am 7 <sup>45</sup> hrs	46-4 Pm, 15 hrs			
59	7 am 8 hrs	44-3 Pm 15 hrs			
59	6 am 1 hr	44-7 am 23 hrs			
48	6 am 9 hrs	44-3 Pm 1/4 hrs 47 <sup>15</sup> -3 <sup>15</sup> Pm 23 <sup>15</sup> hrs			
60	3 Pm 3 <sup>30</sup> hrs	61-6 <sup>30</sup> Pm 37 <sup>45</sup> hrs			
60	8 <sup>45</sup> am 2 hrs				



1928

May	Time	Gage Height	Evap Cuts	Rain 1 cm h	Rain Large Tent
26	7 am	247.73			
27	7 am	247.74			68
28	7 am	247.80			69
29	7 am	247.78			69
30	7 am	247.75			69
31	7 am	247.78			70
June 1	7 am	247.75	13.8	68	70

63-6 am 5 hrs 49-11 am 4<sup>th</sup> hrs 44-3<sup>th</sup> hrs 38<sup>th</sup> hrs  
 49-6 am 9 hrs 59-3 Pm 3<sup>1/2</sup> hrs 60-6<sup>30</sup> Pm 11<sup>30</sup> hrs  
 65-6 am 9 hrs 44-3 Pm 15 hrs  
 62-6 am 9 hrs 46-3 Pm 15 hrs  
 66-6 am 9 hrs 45-3 Pm 15 hrs  
 64-6 am 1 hr

Premier 52188900  
 Redwood 2050000  
 30' Line 72970800  
 16' Line 6354900  
 Gage 24775  
 Leakage 30 gne per min



1928

June	Time	Gage Height	Evap Cups	Pan Temp	Rain Lake	Temp
1	7 am	247.75				70
2	7 am	247.70				70
3	7 am	247.66				71
4	7 am	247.68				72
5	7 am	247.66				72
6	7 am	247.60				72
7	7 am	247.54				72
8	7 am	247.50	16 in			72
9	7 am	247.56				72
10	7 am	247.58				72
11	7 am	247.62				71
12	7 am	247.50				69
13	7 am	247.45				70
14	7 am	247.40				71
15	7 am	247.30				72
16	7 am	247.25	14 in			72
17	7 am	247.25				72
18	7 am	247.39			63	72
19	7 am	247.40				70
20	7 am	247.44				70
21	7 am	247.40				70
22	7 am	247.45				70
23	7 am	247.30				72
24	7 am	247.30	17 in	69		72
25	7 am	247.35				71
64	7 am	23 hrs				
66	6 am 8 hrs	47 - 2 Pm, 17 hrs				
69	7 am 23 hrs					
69	6 am 9 hrs	49 - 3 Pm, 15 hrs				
53	6 am 3 hrs	64 - 9 am 21 hrs				
62	6 am 9 hrs	60 - 3 1/2 Pm 4 50 hrs				
64	8 am 22 hrs					
62	6 am 1 hr	49 - 7 am 7 hrs				
49	6 3/4 am 8 1/2 hrs	44 - 3 Pm, 19 hrs				
64	8 am 22 hrs					
63	6 am 22 hrs					
59	6 am 10 hrs	43 - 4 Pm, 1 hr				
60	6 am 9 hrs	61 - 3 Pm, 15 hrs				
61	6 am 9 hrs	X (21) 3 Pm, 15 hrs				
62	6 am 9 hrs	61 - 3 Pm, 23 hrs				
47	2 Pm, 18 hrs					
47	8 am 22 hrs					
65	6 am 10 hrs	62 - 4 Pm, 14 hrs				
61	6 am 9 hrs	47 - 3 Pm, 15 hrs				
63	6 am 9 hrs	60 - 3 Pm, 15 hrs				
63	6 am 9 hrs	60 - 3 Pm, 15 hrs				
67	6 am 9 hrs	61 - 3 Pm, 15 hrs				
68	6 am 9 hrs	61 - 3 Pm, 39 hrs				
66	6 am 9 hrs	64 - 3 Pm, 15 hrs				



1928

June	Time	Gage Height	Evap Cups	Rain Rate	Temp
26	7 am	247.31			71
27	7 am	247.31			71
28	7 am	247.30			72
29	7 am	247.20			73
30	7 am	247.15			73
July 1	7 am	247.05	18 in	64	72

63-6 am 9 hrs 60-3 P.M. 15 hrs

62-6 am 48 hrs

63-6 am 9 hrs 62-3 P.M. 39 hrs

62-6 am 48 hrs

Premier 55410800  
 Redwood 7904100  
 30" Line 77394400  
 16" Line 6677700  
 Gage 24705  
 Leakage 30 Gals per min



1928  
July

	Time	Stage Height	Evap Cups	Bar Temp	Rain Last Temp	Bar Wind
1	7 am	247.05			72	62-7 am 23 hrs
2	7 am	247.10			73	64-6 am 9 hrs 60-3 Pm, 15 hrs
3	7 am	247.08			73	64-6 am 9 hrs 60-3 Pm 15 hrs
4	7 am	247.00			73	62-6 am 24 hrs
5	7 am	247.00			73	63-6 am 2 <sup>15</sup> hrs 62-8 <sup>15</sup> am 21 <sup>45</sup> hrs
6	7 am	247.00			73	65-6 am 9 <sup>30</sup> hrs 61-3 <sup>30</sup> Pm 14 <sup>30</sup> hrs
7	7 am	246.95			74	64-6 am 11 hrs 62-5 Pm, 37 hrs
8	7 am	246.95	18.00 in	70	74	
9	7 am	247.00			74	65-6 am 9 hrs 62-3 Pm, 15 hrs
10	7 am	246.95			75	64-6 am 9 hrs 62-3 Pm, 27 <sup>20</sup> hrs
11	7 am	246.88			75	63-6 <sup>20</sup> Pm 11 <sup>40</sup> hrs
12	7 am	246.78			75	66-6 am 9 hrs 62-3 Pm, 15 hrs
13	7 am	246.66			75	66-6 am 9 hrs 62-3 Pm 15 hrs
14	7 am	246.55			76	66-6 am 9 hrs 61-3 Pm 39 hrs
15	7 am	246.49			76	
16	7 am	246.55	22.08 in	73	76	66-6 am 8 hrs 62-2 Pm 16 hrs
17	7 am	246.50			76	69-6 am 9 hrs 64-3 Pm, 15 hrs
18	7 am	246.40			77	68-6 am 9 hrs 63-3 Pm, 15 hrs
19	7 am	246.30			77	66-6 am 9 hrs 64-3 Pm 15 hrs
20	7 am	246.20			76	66-6 am 9 hrs 63-3 Pm 15 hrs
21	7 am	246.07			76	61-6 am 33 hrs
22	7 am	246.00			76	60-3 Pm, 15 hrs
23	7 am	246.10			76	65-6 am 9 hrs 60-3 Pm 15 hrs
24	7 am	246.07	21.00 in	72	75	65-6 am 9 hrs 60-3 Pm 15 hrs
25	7 am	246.00			75	64-6 am 9 hrs 60-3 Pm 15 hrs



1928

July

	Time	Gage Height	Evap Cups	Pan Temp	Rain Lake Temp	Bar Wind
26	7am	245.95			75	
27	7am	245.89			75	300% Condens
28	7am	245.80			75	
29	7am	245.85			76	
30	7am	245.97			77	
31	7am	245.92			77	
Aug 1 <sup>st</sup>	7am	245.85	19 in	72	77	

63-6am 9 hrs 61-3 Am, 15 hrs  
 66-6am 9 hrs 62-3 Am, 15 hrs  
 61-6am 9 hrs 60-3 Am 16 1/2 hrs  
 62-7<sup>30</sup> am at 6<sup>30</sup> hrs  
 61-6am 10 hrs 63-4 Am, 14 hrs  
 63-6am 1 hr

Oremer 59735160  
 Redwood 4356500  
 30" Line 82796900  
 16" Line 7525000  
 Gage 24585  
 Leakage 20 Gals per minute



1928  
August

	Time	Gage Height	Evap Cups	Par Temp	Wind Temp	
1	7 am	245.85				63-7 am 24 1/2 hrs
2	7 am	245.80			77	62-7 <sup>30</sup> am 23 1/2 hrs
3	7 am	245.70			77	64-7 <sup>15</sup> am 7 1/2 hrs 62-3 Pm. 15 hrs
4	7 am	245.70			77	64-6 am 9 hrs 60-3 Pm 20 hrs
5	7 am	245.68			77	61-11 am 19 hrs
6	7 am	245.77			77	62-6 am 9 hrs 63-3 Pm. 15 hrs
7	7 am	245.74			77	65-6 am 9 hrs 62-3 Pm. 3 1/2 hrs 64-6 <sup>30</sup> Pm 11 1/2 hrs
8	7 am	245.74	18. in	72	77	67-6 am 8 1/2 hrs 64-2 <sup>30</sup> Pm 15 1/2 hrs
9	7 am	245.74			77	66-6 am 9 hrs 62-3 Pm 15 hrs
10	7 am	245.74			77	65-6 am 9 hrs 47-3 Pm 15 hrs
11	7 am	245.78			77	65-6 am 9 hrs 60-3 Pm. 3 1/2 hrs
12	7 am	245.80			77	
13	7 am	245.94			77	63-6 am 9 hrs 62-3 Pm 15 hrs
14	7 am	245.90			77	67-6 am 9 hrs 62-3 Pm 15 hrs
15	7 am	245.90			77	67-6 am 8 1/2 hrs 63-2 <sup>30</sup> Pm 15 1/2 hrs
16	7 am	245.87	20.2 in	-	77	67-6 am 9 hrs 63-3 Pm. 15 hrs
17	7 am	245.89			77	67-6 am 9 hrs 63-3 Pm 15 hrs
18	7 am	245.85	4.6 in	71	77	66-6 am 9 hrs 42-3 Pm 15 1/2 hrs
19	7 am	245.90			77	60-6 <sup>30</sup> am 8 1/2 hrs 43-3 Pm 15 hrs
20	7 am	246.08			77	65-6 am 9 hrs 63-3 Pm. 4 <sup>20</sup> hrs 65-7 <sup>20</sup> Pm. 10 <sup>40</sup> hrs
21	7 am	246.10			76	67-6 am 9 hrs 64-3 Pm 15 hrs
22	7 am	246.10			76	65-6 am 9 hrs 49-3 Pm 15 hrs
23	7 am	246.20			76	66-6 am 9 hrs 48-3 Pm 15 hrs
24	7 am	246.25	14 in	70	76	64-6 am 9 hrs 63-3 Pm. 15 hrs
25	7 am	246.01			76	64-6 am 9 hrs 60-3 Pm 3 1/2 hrs



1928  
August

	Time	Gage Height	Evap Cups	Rain Temp	Rain Lake Temp
26	7am	246.04			76
27	7am	246.16			75
28	7am	246.20			75
29	7am	246.20			75
30	7am	246.20			75
31	7am	246.18			75
Sept 1 <sup>st</sup>	7am	246.18	20.	68	71

64-6am 9 hrs 61-3 Am, 15 hrs  
 64-6am 9 hrs 62-3 Am, 15 hrs  
 66-6am 10 hrs 61 $\frac{1}{2}$ -4<sup>30</sup> Am 13 $\frac{1}{4}$  hrs  
 64-6am 9 hrs 61-3 Am, 15 hrs  
 64-6am 9 hrs 61-3 Am, 15 hrs  
 66-6am 1 hr

Premier 63535300  
 Redwood 1010200  
 30" Line 88545800  
 16" Line 8031100  
 Gage 24618  
 Leakage 70 Gals per min



1928  
September

	Time	Gage Height	Evap Cups	Pan Temp	Lake Temp	Rain
1	7 am	24618			75	66-7 am 8 hrs 61-3 Pm 39 hrs
2	7 am	24618			75	
3	7 am	24633			75	59-6 am 24 hrs
4	7 am	24645			75	64-6 am 9 hrs 61-3 Pm 15 hrs
5	7 am	24649			75	63-6 am 9 hrs 64-3 Pm 63 hrs
6	7 am	24653			75	
7	7 am	24650			75	
8	7 am	24650			75	63-6 am 9 hrs 61-3 Pm 39 hrs
9	7 am	24650	20.1 in	65	74	
10	7 am	246.59	20.1 in	65	74	62-6 am 11 1/2 hrs 63-5 <sup>30</sup> Pm 60 1/2 hrs
11	7 am	246.56			73	
12	7 am	246.60			72	
13	7 am	246.60			72	64-6 am 9 hrs 62-3 Pm 15 hrs
14	7 am	246.60			72	66-6 am 9 hrs 61-3 Pm 15 hrs
15	7 am	246.65			72	68-6 am 9 hrs 61-3 Pm 25 hrs
16	7 am	246.70	16.8 in	66	73	64-4 Pm 6 <sup>25</sup> hrs 46-10 <sup>25</sup> Pm 7 <sup>35</sup> hrs
17	7 am	246.84			73	65-6 am 9 hrs 46-3 Pm 15 hrs
18	7 am	246.89			73	61-6 am 3 <sup>20</sup> hrs 63-9 <sup>20</sup> am 44 <sup>40</sup> hrs
19	7 am	246.85			73	
20	7 am	246.77			73	62-6 am 33 hrs
21	7 am	246.60			72	48-3 Pm 16 1/4 hrs
22	7 am	246.55			72	61-7 <sup>15</sup> am 7 1/4 hrs 45-2 <sup>30</sup> Pm 15 1/2 hrs
23	7 am	246.54			72	47-6 am 2 1/4 hrs 61-8 <sup>15</sup> am 30 3/4 hrs
24	7 am	246.55	13.6 in	65	72	47-3 Pm 15 hrs
25	7 am	246.50			72	63-6 am 33 1/4 hrs



1928  
September

	Time	Gage Height	Evap Cubs	Rain	Temp Lake	Temp	Rain
26	7 am	246.40			72		
27	7 am	246.30			72		
28	7 am	246.20			71		
29	7 am	246.10			71		
30	7 am	245.96			70		
Oct 1	7 am	245.96	11.2 in	65	70		

Premium 6717.400  
 Redwood 4193800  
 30" Line 94085900  
 16" Line 8825800  
 Gage 245.96  
 Leakage 20 Cals for min

61-3<sup>15</sup> Pm 1st 3/4 hrs

63-6 am 9 hrs 61-3 Pm 15 hrs

64-6 am 9 hrs 49-3 Pm 15 hrs

67-6 am 9 hrs 60-3 Pm 15 hrs

65-6 am 9 hrs 59-3 Pm 15 hrs

65-6 Pm 1 hr



1928

October	Time	Gage Height	Evap Cups	Pan Temp	Rain Late Temp	
1	7 am	245.96			70	65-7 am 8 hrs 61-3 Pm 15 hrs
2	7 am	245.86			70	64-6 am 7 hrs 61-1 Pm 17 hrs
3	7 am	245.77			69	68-6 am 4 hrs 58-10 am 5 1/2 hrs 49-33 Pm 14 1/2 hrs
4	7 am	245.50			69	66-6 am 6 hrs 61-12 noon 26 hrs
5	7 am	245.07			68	48-2 Pm 16 hrs
6	7 am	245.00			68	60-6 am 4 hrs 49-10 am 25 1/2 hrs
7	7 am	245.10			69	45-11 <sup>30</sup> am 18 1/2 hrs
8	7 am	245.32	10.8 in	63	68	59-6 am 2 hrs 45-8 am 7 hrs 48-3 Pm 15 hrs
9	7 am	245.43			68	53-6 am 9 hrs 48-3 Pm 15 hrs
10	7 am	245.55			69	64-6 am 9 hrs 49-3 Pm 15 hrs
11	7 am	245.60			67	61-6 am 2 hrs 48-8 am 22 hrs
12	7 am	245.70			66	63-6 am 6 1/4 hrs 48-12 <sup>15</sup> Pm 26 3/4 hrs
13	7 am	245.88		45.65		46-3 Pm 16 1/4 hrs
14	7 am	246.10			65	66-7 <sup>15</sup> am 11 3/4 hrs 46-7 Pm 11 hrs
15	7 am	246.44			64	51-6 am 9 hrs 47-3 Pm 15 hrs
16	7 am	246.60	7.0 in	59	63	50-6 am 9 hrs 46-3 Pm 15 hrs
17	7 am	246.73			63	50-6 am 1 <sup>10</sup> hrs 62-7 <sup>10</sup> am 7 <sup>52</sup> hrs 60-3 Pm 15 hrs
18	7 am	246.80			62	62-6 am 9 hrs 61-3 Pm 15 hrs
19	7 am	246.85			62	62-6 am 1 1/2 hrs 50-7 <sup>30</sup> am 7 1/2 hrs 46-3 Pm 15 hrs
20	7 am	246.90			64	49-6 am 27 1/2 hrs
21	7 am	247.14			64	48-9 <sup>30</sup> am 20 1/2 hrs
22	7 am	247.30			63	51-6 am 5 3/4 hrs 48-11 <sup>45</sup> am 18 <sup>15</sup> hrs
23	7 am	247.36			63	47-6 am 24 hrs <sup>found at 50</sup> 40-44 hrs
24	7 am	247.42	11.	60	64	50-6 am 10 1/2 hrs 61-4 <sup>30</sup> Pm 13 1/2 hrs
25	7 am	247.40			64	49-6 am 24 hrs <sup>found at 67</sup>



1928

October	Time	Gage Height	Evap Cups	Par Temp	Rain Temp
26	7am	247.45			64
27	7am	247.50			64
28	7am	247.52			64
29	7am	247.60			64
30	7am	247.62			63
31	7am	247.55			63
Nov 1	7am	247.50	7.4 in	56	63

47-6am 25 1/2 hrs

59-7<sup>30</sup>am 6 1/2 hrs 46-2 Am, 22<sup>30</sup> hrs47-12<sup>30</sup> Am, 17<sup>40</sup> hrs

48-6 am 5 1/2 hrs

61-2 Am, 16 hrs

48-6 am 1 hr

Premier 70931000  
 Redwood 90903000  
 30" line 99906400  
 16" line 93195000  
 Gage 24750  
 Leakage 20 gal per min



1928  
No. 5

No. 5	Time	Gage Height	Evap Cups	Rain Temp	Rain Temp
1	7 am	24750		63	
2	7 am	24740		63	
3	7 am	24735		63	
4	7 am	24736		63	
5	7 am	24745		63	
6	7 am	24746		63	
7	7 am	24755		63	
8	7 am	24760	7. in	60	63
9	7 am	24752			63
10	7 am	24750			63
11	7 am	24753			63
12	7 am	24750			61
13	7 am	24760		46	61
14	7 am	24770			61
15	7 am	24800		65	60
16	7 am	24809	4 am -	51	60
17	7 am	24811			59
18	7 am	24818			58
19	7 am	24815			58
20	7 am	24805			58
21	7 am	24785			58
22	7 am	24760			59
23	7 am	24732			56
24	7 am	24707	9.5 in	54	56
25	7 am	24684			56

1076

48-7 am 23 hrs

49-6 am 33 hrs

47-3 pm 39 hrs

49-6 am 9 hrs 47-3 pm 15 hrs

13-6 am 7 hrs 47-1 pm 13<sup>40</sup> hrs0-2<sup>40</sup> am 6<sup>20</sup> hrs 51-9 am 7<sup>20</sup> hrs 46-3<sup>20</sup> pm 14<sup>40</sup> hrs

45-6 am 10 hrs 60-4 pm 14 hrs

46-6 am 9 hrs 59-3 pm 15 hrs

45-6 am 26<sup>40</sup> hrs44-8<sup>40</sup> am 22<sup>20</sup> hrs

60-6 am 9 hrs 45-3 pm 15 hrs

44-6 am 9 hrs 43-3 pm 24 hrs

0-3 pm 22 hrs

42-1 pm 18<sup>20</sup> hrs41-7<sup>25</sup> am 48<sup>30</sup> hrs

42-8 am 23 hrs

43-7 am 8 hrs 44-3 pm 21 hrs

43-11 am 19 hrs

06-6 am 8 hrs 46-2 pm 17 hrs

45-7 am 24 hrs

44-7 am 6<sup>45</sup> hrs 45-1<sup>45</sup> pm 1 hr 46-2<sup>45</sup> pm 17<sup>15</sup> hrs

44-8 am 9 hrs 41-5 pm 20 hrs

42-1 pm 18 hrs



1928  
No. 1

No.	Time	Gage Height	Evap Cobs	Rain	Temp
26	7 am	246.60		56	
27	7 am	246.37		56	
28	7 am	246.12		56	
29	7 am	245.90		55	
30	7 am	245.80		55	
Dec 1	7 am	245.70	5.4 in	46	55

44-7 am 23 hrs  
 45-6 am 24 hrs  
 43-6 am 9 hrs 41-3 PM 15<sup>3</sup>/<sub>4</sub> hrs  
 43-6<sup>45</sup> am 48<sup>1</sup>/<sub>4</sub> hrs  
 43-7 am

Premier 7187 1600  
 Redwood 393 7100  
 30" Line 2800 600  
 16" Line 944 5500  
 Gage 24570  
 Leakage 20 Gals per min



1928  
JEC

	Time	Gage Height	Evap Cups	5 FEET	10 FEET	Lake TEMP	TEMP Near Bottom
1	7 am	24570			16	55	
2	7 am	24560				55	
3	7 am	24565			89	55	
4	7 am	24575			91	56	
5	7 am	24581				56	
6	7 am	24586				56	
7	7 am	24592				56	
8	7 am	24590	14.8 out	51		56	
9	7 am	24585				56	
10	7 am	24584				56	
11	7 am	24585		22	56		
12	7 am	24585				56	
13	7 am	24595		77	54		
14	7 am	24600		21	54		
15	7 am	24610				53	
16	7 am	24603	10.0 in	44		53	
17	7 am	24595				52	
18	7 am	24582				51	
19	7 am	24577				51	
20	7 am	24572				50	
21	7 am	24563				50	49
22	7 am	24566				50	49
23	7 am	24552				50	49
24	7 am	24540	6. in	42		50	49
25	7 am	24525				50	49

254  
394

43-7 am 1 hr 45-8 am 23 hrs
06-7 am 8 hrs 44-3 Pm 15 hrs
46-6 am 1 1/2 hrs 11-7 <sup>30</sup> am 8 <sup>30</sup> hrs 43-4 Pm 15 1/2 hrs
42-7 <sup>30</sup> am 23 3/4 hrs
0-7 <sup>15</sup> am 4 1/4 hrs 42-4 <sup>30</sup> Pm, 22 1/2 hrs
0-3 Pm, 15 hrs
42-6 am 33 hrs
44-3 Pm 39 1/2 hrs
43-6 <sup>30</sup> am 1 hr 41-7 <sup>30</sup> am 22 1/2 hrs
45-6 am 1 <sup>10</sup> hrs 10-7 <sup>10</sup> am 7 <sup>50</sup> hrs 45-3 Pm 21 1/2 hrs
41-12 <sup>30</sup> Pm 12 <sup>40</sup> hrs
0-7 <sup>15</sup> am 7 <sup>50</sup> hrs 41-3 Pm 16 1/2 hrs
40-7 <sup>15</sup> am 7 <sup>45</sup> hrs 06-3 Pm, 15 hrs
42-6 am 9 <sup>30</sup> hrs 43-3 <sup>20</sup> Pm 44 <sup>40</sup> hrs
42-12 <sup>20</sup> am 19 <sup>10</sup> hrs
0-7 <sup>10</sup> am 9 <sup>30</sup> hrs 42-4 <sup>30</sup> Pm, 13 1/2 hrs
43-7 am 8 hrs 0-3 Pm 15 hrs
43-6 am 9 hrs 44-3 Pm 15 hrs
0-6 am 11 hrs 05-5 Pm 14 hrs
07-7 am 5 hrs 43-12 noon 43 hrs
44-7 am 27 1/4 hrs
43-10 <sup>15</sup> am 45 <sup>05</sup> hrs



1928

JEC

	Time	Gage Height	Evap Cups	Rain Lake	Temp Temp	
26	7 am	245.15		51	49	
27	7 am	245.02		52	51	46 - 7 <sup>th</sup> am 31 hrs
28	7 am	244.90		51	51	08 - 3 Pm 16 hrs
29	7 am	244.79		51	51	45 - 7 am 30 hrs
30	7 am	244.60		51	51	44 - 1 Pm
31	7 am	244.47		51	51	
1929 Jan 1	7 am	244.35	4.6 in			43 - 7 am

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394

Premier	71871600
Redwood	8090100
30" Line	3969400
16" Line	9452200
Gage	244.35
Leakage	20 Gal per min



1929  
January

	Time	Gage Height	Evap Cups	Pan Temp	Leve Temp	Rain Temp near canister
1	7 am	24435				
2	7 am	24425				
3	7 am	24410				
4	7 am	24410				
5	7 am	24407				
6	7 am	24395				
7	7 am	24384				
8	7 am	24380	2. in			
9	7 am	24385				
10	7 am	24390				
11	7 am	24392				
12	7 am	24390				
13	7 am	24390				
14	7 am	24390				
15	7 am	24385				
16	7 am	24385				
17	7 am	24400	1.6 evap			
18	7 am	24405				
19	7 am	24415				
20	7 am	24432				
21	7 am	24440				
22	7 am	24450				
23	7 am	24450				
24	7 am	24460				
25	7 am	24460	4.6 evap			

618  
0-08

43-7 am 29 1/4 hrs  
 47-12:15 Pm 17 3/4 hrs  
 10-6 am 9 hrs 05-3 Pm. 41 5/8  
 50-8:50 am 41 hrs 44-1 Pm, 18 hrs  
 45-7 am 24 3/4 hrs  
 42-7:45 am 26 1/2 hrs  
 43-9:50 am 41 hrs 44-2:10 Pm 1.05 hrs 42-3:15 Pm 62 3/4 hrs  
 43-6 am 41 5/8 hrs 07-10:50 am 2 1/2 hrs 43-1 Pm 2 hrs 42-3 Pm 47 5/8  
 43-2 Pm 16 hrs  
 44-6 am 1 hr 45-7 am 4 1/4 hrs 46-11:30 am 3 1/4 hrs 47-3:14 Pm 34 1/2  
 45-6:30 am 3 1/4 hrs 06-7:15 am 7 1/4 hrs 48-3-1 Pm, 40 1/4 hrs  
 0-7:15 am 7 1/2 hrs 44-2:30 Pm 24 1/2 hrs  
 03-3 Pm 06 hrs  
 43-7 am 24 hrs  
 44-7 am 48 1/2 hrs  
 06-7:10 am 9 1/2 hrs 42-2:30 Pm 17 hrs  
 43-7:30 am 32 1/2 hrs  
 06-4 Pm 15 hrs



1929  
January

	Time	Gage Height	Evap Cuns	Pure Leak	Leak	Temp	Rain	Temp near center
26	7am	244.64					68	
27	7am	244.64					58	
28	7am	244.63						
29	7am	244.60						
30	7am	244.56						
31	7am	244.55						
1 <sup>st</sup>	7am	244.60	1.6 in				08	
							6.46	
							5.6	

43 - 7 am - 48 hrs  
 44 - 7 am - 13 hrs  
 46 - 8 am - 3<sup>35</sup> hrs 45 - 11<sup>35</sup> am - 27<sup>25</sup> hrs  
 46 - 3 P.M. - 16 1/2 hrs  
 11 - 7<sup>30</sup> am - 6 1/2 hrs 44 - 2 P.M. - 17 hrs  
 44 - 7 am

Premier	71871600
Redwood	883000
30" Line	5136700
16" ✓	9469600
Gage	24460
Leakage	20 Gals per min



1929

February

	Time	Gage Height	Soap Cups	Bar Reading	Bar Reading	Bar Reading
1	7 am	244.60	1.6 in		51.68	
2	7 am	244.64			36	
3	7 am	244.71			36	
4	7 am	244.73			04	
5	7 am	244.70			01	
6	7 am	244.74			55	02
7	7 am	244.81			51	43
8	7 am	244.83	8. out	47	52	12
9	7 am	244.83			52	
10	7 am	244.83			52	
11	7 am	244.80			52	
12	7 am	244.72			51	
13	7 am	244.60			51	
14	7 am	244.46			51	
15	7 am	244.40			51	
16	7 am	244.30	7.6 in	47	51	
17	7 am	244.25			51	230 620
18	7 am	244.20			51	
19	7 am	244.15			51	20
20	7 am	244.05			52	
21	7 am	243.98			53	
22	7 am	243.95			53	
23	7 am	244.00			55	
24	7 am	244.14	3. in		55	
25	7 am	244.28			54	620

44-7 am 8 hrs 43-3 Pm 22 hrs

04-1 Pm, 18 hrs

43-7 am 48 1/2 hrs

06-7<sup>30</sup> am 8 hrs 43-3<sup>30</sup> Pm 16 hrs06-7<sup>30</sup> am 8 hrs 43-3<sup>30</sup> Pm, 39 hrs06-7 am 8 1/2 hrs 43-3<sup>30</sup> Pm, 16 1/2 hrs44-7<sup>30</sup> am 2<sup>10</sup> hrs 43-10 am 3 1/2 hrs 44-1<sup>30</sup> Pm 18 hrs06-7<sup>30</sup> am 8 hrs 44-3<sup>30</sup> Pm, 16 hrs07-7<sup>30</sup> am 8 hrs 44-3<sup>30</sup> Pm 16<sup>15</sup>43-7<sup>40</sup> am 4<sup>30</sup> hrs45-7 am 1/2 hrs 10-7<sup>30</sup> am 8 hrs 45-3<sup>30</sup> Pm 38 1/2 hrs

15-6 am 5 hrs 18-11 am 3 hrs 44-2 Pm 17 hrs

45-7 am 7 hrs 48-2 Pm 18 1/2 hrs

47-8<sup>30</sup> am 1<sup>30</sup> hrs 12-9<sup>45</sup> am 5<sup>35</sup> hrs 45-3<sup>30</sup> Pm 16 hrs47-7<sup>30</sup> am 2<sup>30</sup> hrs08-6<sup>45</sup> am 8<sup>45</sup> Pm 44-3<sup>30</sup> Pm 15 1/2 hrs46-7 am 8 1/2 hrs 43-3<sup>30</sup> Pm 15<sup>45</sup> hrs44-7<sup>10</sup> am 6<sup>50</sup> hrs 46-2 Pm 17 hrs44-7 am 2<sup>10</sup> hrs10-7<sup>30</sup> am 7<sup>45</sup> hrs 46-3<sup>15</sup> Pm 23 3/4 hrs

47-3 Pm, 16 1/4 hrs



1929

February	Time	Gage Height	Evap Cups	Rain Gage Gage Gage	Rain
26	7 am	24439		55	
27	7 am	24440		52	
28	7 am	24440		53	
March 1	7 am	24442	6 in	49.6	640

50-7<sup>15</sup> am 7.3/4 hrs 47-3 pm, 21 hrs

49-4 pm, 23 hrs

46-3 pm

46-9 pm

Premier

71891600

Redwood

4660500

30" Line

6246900

16" Line

9469600

Gage

24442

Leakage

20 Gals per min



1929  
march

	Time	Gage Height	Snap Cups	Rain	Temp	Wind	Rain
	1	7am 244.42	6. in	49	56	640	
	2	7am 244.46			56		
	3	7am 244.55			57		
	4	7am 244.65			58		
	5	7am 244.72			58		
	6	7am 244.77			59		
10 days	7	7am 244.85			60		
	8	7am 244.95	7. in	56	60		
	9	7am 245.05			60		
	10	7am 245.20			60	59	
	11	7am 245.46			60	14	
	12	7am 245.70			58	65	
	13	7am 245.95			59	40	
	14	7am 246.24			58		
	15	7am 246.42			58		
	16	7am 246.59	4.2 out	55	59		
10 days	17	7am 246.72			58		
	18	7am 246.92			60		
	19	7am 246.90			60	01	
	20	7am 246.70			60		
	21	7am 246.45			61		
	22	7am 246.25			61	02	
	23	7am 246.05			60	07	
	24	7am 245.85	2.4 in	51	58	23	
	25	7am 245.70			58		

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46-7am 8 hrs 45 - 3 Apr. 63 1/4 hrs

59-6<sup>15</sup>am 3<sup>55</sup> hrs 61 - 10<sup>10</sup>am 4<sup>20</sup> hrs

48-6<sup>30</sup>am 9<sup>1</sup> hrs 46 - 4<sup>15</sup>pm 5<sup>1</sup> hrs 47 - 9<sup>30</sup>pm 8<sup>3</sup> 1/4 hrs

51-6<sup>15</sup>am 9<sup>3</sup> 1/4 hrs 46 - 4<sup>15</sup>pm 16 hrs

47-8am 4<sup>1</sup> 1/2 hrs 48 - 12<sup>30</sup>pm 26<sup>1</sup> 1/2 hrs

47-3<sup>15</sup>pm 23<sup>1</sup> 1/2 hrs

44-2<sup>30</sup>pm 26<sup>1</sup> 1/2 hrs

46-5<sup>15</sup>pm 38 hrs

7-7am 4<sup>30</sup> hrs 10-11<sup>30</sup>am 3<sup>40</sup> hrs 46-3<sup>15</sup>pm 16<sup>30</sup> hrs

48-7<sup>30</sup>am 6<sup>40</sup> hrs 49-2<sup>15</sup>pm 5<sup>1</sup> hrs 47-7<sup>30</sup>pm 11<sup>15</sup> hrs

49-6<sup>40</sup>am 3<sup>2</sup> hrs

48-3<sup>15</sup>pm 26<sup>1</sup> hrs

49-5<sup>30</sup>pm 17<sup>30</sup> hrs

10-9<sup>15</sup>am 20<sup>15</sup> hrs

48-6am 4<sup>1</sup> 1/2 hrs 10-10<sup>15</sup>am 2<sup>05</sup> hrs 48-12<sup>30</sup>pm 4<sup>25</sup> hrs

51-6<sup>30</sup>am 9<sup>3</sup> 1/4 hrs 49-4<sup>15</sup>pm 21<sup>3</sup> 1/4 hrs

50-2<sup>15</sup>pm 4<sup>0</sup> 1/2 hrs

51-6<sup>30</sup>am 8<sup>1</sup> 1/2 hrs 48-5<sup>15</sup>pm 4 hrs 46-7<sup>15</sup>pm 9<sup>3</sup> 1/4 hrs

12-4<sup>15</sup>am 10<sup>1</sup> 1/2 hrs 46-3<sup>15</sup>pm 3<sup>05</sup> hrs 47-6<sup>20</sup>pm 6<sup>8</sup> hrs



1929  
March

	Time	Gage Height	Trap Cups	Rain Gage Reading	Rain
26	7 am	245.53		58	
27	7 am	245.43		58	
28	7 am	245.35		59	
29	7 am	245.30		61	
30	7 am	245.37		62	
31	7 am	245.45		61	
Apr 1	7 am	245.55	10.2 in	57 61	99

Premier 71982800  
 Redwood 8341700  
 30" Line 9068900  
 16" Line 9542000  
 Gage 245.55  
 Leakage 20 Gals per min

49-2<sup>30</sup> Pm, 1 1/2 hrs 61 - 4 Pm, 4 hrs 62 - 8 Pm 33<sup>50</sup> hrs

50-5<sup>50</sup> am 5<sup>50</sup> hrs 25-11<sup>40</sup> am 7<sup>20</sup> hrs 53-7 Pm, 20<sup>14</sup> hrs

48-3<sup>15</sup> Pm, 23<sup>3/4</sup> hrs

47-3 Pm 14<sup>5</sup> hrs

50-5<sup>50</sup> am 1<sup>10</sup> hrs



1929  
April

	Time	Gage Height	Trap Crops	Pan Temp	Soil Temp	Temp	Rain
1	7 am	24555	10.2 in	59	61	79	
2	7 am	24559			61		
3	7 am	24550			60		
4	7 am	24550			60	20	
5	7 am	24574			60	87	
6	7 am	24595			61	03	
7	7 am	24610			61		
8	7 am	24630	3.6 out	54	60		
9	7 am	24645			60	01	
10	7 am	24655			60		
11	7 am	24665			61		
12	7 am	24670			62		
13	7 am	24675			62		
14	7 am	24680			62		
15	7 am	24674			62		
16	7 am	24665	10.8 in	60	62		
17	7 am	24645			63		
18	7 am	24631			64		
19	7 am	24626			64	13	
20	7 am	24629			63		
21	7 am	24630			64		
22	7 am	24630			65		
23	7 am	24625			65		
24	7 am	24615	10. in	70	65		
25	7 am	24610			65		

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52-7<sup>15</sup> am 2<sup>1</sup>/<sub>2</sub> hrs 63-7<sup>40</sup> am 22<sup>20</sup> hrs  
 48-6 am 2<sup>1</sup>/<sub>4</sub> hrs  
 52-6<sup>15</sup> am 1<sup>1</sup>/<sub>4</sub> hrs 48-7<sup>30</sup> am 7<sup>1</sup>/<sub>2</sub> hrs 44-3 Pm 6<sup>1</sup>/<sub>2</sub> hrs  
 9-7<sup>30</sup> am 7<sup>1</sup>/<sub>2</sub> hrs 46-3 Pm 15 hrs  
 50-6 am 9 hrs 52-3 Pm 15<sup>1</sup>/<sub>2</sub> hrs  
 48-6<sup>30</sup> am 11<sup>3</sup>/<sub>4</sub> hrs 47-6<sup>15</sup> Pm 20<sup>15</sup> hrs  
 48-2<sup>30</sup> Pm 19<sup>1</sup>/<sub>2</sub> hrs  
 49-7<sup>45</sup> am 1<sup>3</sup>/<sub>4</sub> hrs 50-9<sup>30</sup> am 5<sup>1</sup>/<sub>2</sub> hrs 51-3 Pm 24 hrs  
 52-3 Pm 24 hrs  
 48-3 Pm 39 hrs  
 50-6 am 8<sup>1</sup>/<sub>2</sub> hrs 52-2<sup>30</sup> Pm 17 hrs  
 63-7<sup>30</sup> am 5 hrs 65-12<sup>30</sup> Pm 19<sup>1</sup>/<sub>4</sub> hrs  
 52-7<sup>45</sup> am 9<sup>1</sup>/<sub>4</sub> hrs 53-5 Pm 13<sup>3</sup>/<sub>4</sub> hrs  
 54-6<sup>45</sup> am 7<sup>3</sup>/<sub>4</sub> hrs 52-2<sup>30</sup> Pm 17 hrs  
 50-7<sup>30</sup> am 4 hrs 46-11<sup>30</sup> am 48<sup>1</sup>/<sub>2</sub> hrs  
 48-12 noon 18 hrs  
 54-6 am 2<sup>1</sup>/<sub>4</sub> hrs 52-8<sup>15</sup> am 27<sup>1</sup>/<sub>2</sub> hrs  
 50-11<sup>30</sup> am 18<sup>20</sup> hrs  
 53-5<sup>30</sup> am 10<sup>40</sup> hrs 48-11<sup>30</sup> Pm 13<sup>1</sup>/<sub>2</sub> hrs  
 53-6 am 9<sup>1</sup>/<sub>2</sub> hrs 49-3<sup>30</sup> Pm 14<sup>1</sup>/<sub>2</sub> hrs



1929  
April

	Time	Gage Height	Trap Cups	Rain Temp	Rain Temp	Rain
26	7 am	24602		66		
27	7 am	24594		66		
28	7 am	24590		66		
29	7 am	24589		66		
30	7 am	24555		66		
1	7 am	24545		66		

Promies 72405600  
 Redwood 3533700  
 30" Line 13971300  
 16" Line 9560200  
 Gage 24545  
 Leackage 20 Gal per min

50-6 am 5 1/2 hrs 61-11<sup>30</sup> am 9 5/8 hrs  
 50-7<sup>10</sup> am 8<sup>10</sup> hrs 49-3<sup>30</sup> pm 20 1/4 hrs  
 46-11<sup>45</sup> am 18 1/4 hrs  
 50-6 am 32 1/2 hrs  
 51-2<sup>30</sup> pm 11 1/2 hrs  
 51-6 am



1929  
May

	Time	Gage Height	Evap Cups	Rain mm	Rain in	Winds dir	Winds speed
1	7 am	245.45	9.8 in	63			
2	7 am	245.38					
3	7 am	245.22					
4	7 am	245.15					
5	7 am	245.15					
6	7 am	245.10					
7	7 am	245.02					
8	7 am	245.00	17. in.	64			
9	7 am	244.90					
10	7 am	244.80					
11	7 am	244.70					
12	7 am	244.64					
13	7 am	244.60					
14	7 am	244.51					
15	7 am	244.46					
16	7 am	244.40	19 in	68			
17	7 am	244.37					
18	7 am	244.33					
19	7 am	244.30					
20	7 am	244.44					
21	7 am	244.44					
22	7 am	244.09					
23	7 am	244.00					
24	7 am	244.00	16.5 in	67			
25	7 am	243.93					

31-6 am	7 hrs	52-1 Pm	26 1/2 hrs
42-3 <sup>30</sup> Pm	3 1/2 hrs	63-7 Pm	12 <sup>30</sup> hrs
44-7 <sup>30</sup> am	30 <sup>40</sup> hrs		
61-2 Pm	40 hrs		
64-6 am	8 1/2 hrs	62-2 <sup>30</sup> Pm	23 hrs
61-1 <sup>30</sup> Pm	16 1/4 hrs		
54-6 am	12 <sup>25</sup> hrs	51-6 <sup>25</sup> Pm	11 <sup>10</sup> hrs
64-5 <sup>35</sup> am	10 <sup>25</sup> hrs	62-4 Pm	14 hrs
58-6 am	9 1/2 hrs	62-3 <sup>30</sup> Pm	3 <sup>10</sup> hrs
63-6 <sup>40</sup> Pm	11 <sup>20</sup> hrs		
59-6 am	9 hrs	64-3 Pm	15 <sup>3/4</sup> hrs
66-6 <sup>45</sup> am	9 1/4 hrs	60-4 Pm	14 hrs
56-6 am	9 hrs	63-3 Pm	9 <sup>3/4</sup> hrs
54-6 <sup>45</sup> am	8 1/4 hrs	64-3 Pm	17 1/2 hrs
63-8 <sup>30</sup> am	8 hrs	66-4 <sup>30</sup> Pm	17 hrs
65-9 <sup>30</sup> am	21 1/2 hrs		
67-6 <sup>45</sup> am	4 1/4 hrs	66-11 am	4 1/4 hrs
64-4 Pm	14 hrs		
60-6 am	9 hrs	61-3 Pm	17 1/2 hrs
48-8 <sup>30</sup> am	21 1/2 hrs		
54-6 am	2 <sup>10</sup> hrs	55-8 <sup>10</sup> am	6 <sup>10</sup> hrs
64-3 Pm	15 <sup>3/4</sup> hrs		
65-6 <sup>45</sup> am	9 1/4 hrs	64-4 Pm	14 <sup>3/4</sup> hrs
67-6 <sup>45</sup> am	8 1/2 hrs	57-3 Pm	10 <sup>3/4</sup> hrs
67-6 <sup>45</sup> am	8 1/4 hrs	52-3 Pm	2 <sup>10</sup> hrs
58-5 <sup>10</sup> Pm	12 <sup>10</sup> hrs		
56-6 am	9 hrs	64-3 Pm	24 hrs
51-3 Pm	16 hrs		



1929  
May

	Time	Gage Height	Evap Cups	Bar Gauge	Rain	Water Gauge
26	7 am	244.01				71
27	7 am	244.25				71
28	7 am	244.25				71
29	7 am	244.24				70
30	7 am	244.21				70
31	7 am	244.25				70
1	7 am	244.27	19. in	64		70

54-7 am 9 hrs 51-4 Pm 14 hrs  
 64-6 am 8 hrs 52-2 Pm 16 hrs  
 63-6 am 1 1/2 hrs 64-7<sup>30</sup> am 8 hrs 63-4 Pm 14 hrs  
 65-6 am 10 hrs 63-4 Pm, 18 hrs  
 62-10 am 5 1/2 hrs 58-3<sup>30</sup> Pm 15 hrs  
 63-6<sup>30</sup> am <sup>40 min</sup> 59-7<sup>10</sup> am 4<sup>50</sup> hrs 53-12<sup>noon</sup>-  
 53-7 am 19 hrs

Premium 774994.00  
 Redwood 25257.00  
 30" Line 233651.00  
 16" Line 104185.00  
 Gage 244.27  
 Storage 15 Gals per min



1929  
June

	Time	Gage Height	Evap Cups	Rain mm	Rain in
1	7 am	24427	19. in	64	70
2	7 am	24431			70
3	7 am	24440			70
4	7 am	24435			71
5	7 am	24423			71
6	7 am	24421			71
7	7 am	24414			70
8	7 am	24405	16.4 in		70
9	7 am	24408			70
10	7 am	24421			70
11	7 am	24418			71
12	7 am	24412			71
13	7 am	24414			71
14	7 am	24408			71
15	7 am	24402	17.2 in		71
16	7 am	24401			72
17	7 am	24415			72
18	7 am	24415			73
19	7 am	24411			74
20	7 am	24405			75
21	7 am	24397			75
22	7 am	24384			76
23	7 am	24385			76
24	7 am	24385	24.6 in	73	76
25	7 am	24376			76

53-7 am 33 hrs
51-4 Pm 14 1/2 hrs
64-6 <sup>30</sup> am 9 1/2 hrs 62-4 Pm 14 1/2 hrs
64-6 <sup>30</sup> am 9 1/2 hrs 64-4 Pm 14 1/2 hrs
65-6 <sup>30</sup> am 10 hrs 64-4 <sup>30</sup> Pm 14 hrs
65-6 <sup>30</sup> am 10 1/4 hrs 64-4 <sup>45</sup> Pm 13 3/4 hrs
64-6 <sup>30</sup> am 23 3/4 hrs
64-6 <sup>15</sup> am 8 3/4 hrs 51-3 Pm 16 hrs
51-7 <sup>45</sup> am 23 3/4 hrs
51-6 <sup>15</sup> am 8 1/4 hrs 63-2 <sup>30</sup> Pm 15 3/4 hrs
63-6 <sup>15</sup> am 55 min 64-7 <sup>15</sup> am 22 <sup>50</sup> hrs
64-6 am 8 hrs - 52-2 Pm 16 1/2 hrs
56-6 <sup>30</sup> am 7 1/2 hrs 63-2 Pm 16 1/2 hrs
63-6 <sup>30</sup> am 50 min 67-7 <sup>15</sup> am 8 <sup>40</sup> hrs 63-4 Pm 14 hrs
63-6 am 24 hrs
60 7 am 7 hrs 51-2 Pm 18 1/2 hrs
65-6 <sup>30</sup> am 8 1/2 hrs 56-3 Pm 15 hrs
63-6 am 24 hrs
64-6 am 1 1/4 hrs 54-7 <sup>15</sup> am 9 3/4 hrs 52-5 Pm 13 hrs
64-6 am 25 1/2 hrs
67-6 <sup>30</sup> am 9 1/2 hrs 64-4 Pm 22 hrs
53-2 Pm 16 1/2 hrs
68-6 <sup>30</sup> am 9 1/2 hrs 63-4 Pm 22 <sup>40</sup> hrs
64-2 <sup>10</sup> Pm 15 <sup>50</sup> hrs



1929

June

	Time	Gage Height	Evap Cups	Rain Inch	Rain Inch
26	7 am	24370			76
27	7 am	24366			76
28	7 am	24360			76
29	7 am	24345			76
30	7 am	24335			77
July 1	7 am	24350	19.5 in	72	77

55-6 am 8 1/2 hrs 64 - 2<sup>30</sup> Pm 15 1/2 hrs

65-6 am 8 hrs 53 - 2 Pm 16 hrs

64-6 am 4 1/2 hrs

61-7 am 7 hrs 50 - 2 Pm 16 hrs

64-6 am 1 hr

Premier 82408100

Redwood 2050200

30' Line 32807400

16' Line 11078500

Gage 24350

Leakage 15 Gal per min



1929  
July

	Time	Gage Height	Soap Cups	Rain Temp	Rain Max Temp	
1	7am	24350	19.5 in	72	77	609-7am
2	7am	24350			77	417-2Pm
3	7am	24350			77	469-6am 624-7 <sup>45</sup> am 594-4 <sup>30</sup> Pm
4	7am	24347			77	
5	7am	243.60			77	624-6 <sup>30</sup> am 430-2Pm
6	7am	243.56			77	609-6am 430-2Pm
7	7am	24355			77	609-2Pm 456-3 <sup>15</sup> Pm
8	7am	24370	18.4 in	73	77	609-6am
9	7am	24362			77	580-6am
10	7am	243.60			77	594-6 <sup>30</sup> am 430-4Pm.
11	7am	24360			77	594-6 <sup>30</sup> am
12	7am	243.59			77	638-6am 594-3Pm
13	7am	24350			77	609-6am 594-3Pm
14	7am	24345			77	566-7am 417-4 <sup>45</sup> Pm
15	7am	24360			77	552-6am 667-7 <sup>30</sup> am 443-3Pm
16	7am	243.45	23.4 in	73	78	624-6am 594-3Pm.
17	7am	24355			78	638-6am 624-3Pm
18	7am	243.25			79	
19	7am	243.15			79	
20	7am	24300			79	638-6am 566-3Pm
21	7am	24295			79	
22	7am	243.05			79	609-7am
23	7am	24295			79	
24	7am	242.80	23 in	77	79	594-6am 609-7 <sup>35</sup> Pm
25	7am	242.71			79	



1929  
July

	Time	Gage Height	Soap Cups	Rain Camp	Rain Lake Camp
26	242.65				79
27	242.55				79
28	242.45				78
29	242.49				78
30	242.39				78
31	242.30				78
aug 1	242.20		19 in	74	78

624 - 6 am 594 - 3 - Pm  
609 - 8<sup>30</sup> am 566 - 2<sup>10</sup> Pm  
594 - 2 Pm  
609 - 10<sup>40</sup> am  
638 - 6 am 594 - 3 Pm  
609 - 6 am

Premium 86987400  
Redwood 1555700  
30" Line 40592600  
16" " 11765600  
Gage 24220  
Leakage 18 Gals per min



1929  
August

	Time	Gage Height	Coap Cups	Ran Temp	Rain Fall Temp	
1	7am	242.20	19. m	74	78	609 - 6am 6.24 - 11 <sup>40</sup> am
2	7am	242.15			78	652 - 6 <sup>30</sup> am 6.24 - 4 Pm
3	7am	242.00			78	652 - 6 <sup>30</sup> am 4.96 - 2 <sup>30</sup> Pm 4.43 - 3 <sup>15</sup> Pm
4	7am	242.00			78	5.66 - 7am
5	7am	242.15			78	6.38 - 6 <sup>30</sup> am 4.56 - 3 <sup>30</sup> Pm
6	7am	242.17			78	6.67 - 6am 5.94 - 3 Pm
7	7am	242.01			78	6.61 - 6 <sup>15</sup> am 6.24 - 4 Pm
8	7am	241.85	20. in	75	78	6.52 - 6 <sup>50</sup> am 6.09 - 4 Pm
9	7am	241.70			78	6.52 - 6 <sup>30</sup> am 5.94 - 4 Pm
10	7am	241.60			78	6.52 - 6 <sup>30</sup> am 5.80 - 3 Pm
11	7am	241.55			78	5.94 - 7 <sup>30</sup> am 4.30 - 3 Pm
12	7am	241.70			78	6.67 - 6am 6.09 - 2 <sup>30</sup> Pm
13	7am	241.59			78	6.24 - 6am 6.09 - 3 Pm
14	7am	241.45			78	6.38 - 6am 6.09 - 3 Pm
15	7am	241.30			78	5.94 - 3 Pm
16	7am	241.22	20.2 in	74	78	5.80 - 3 Pm
17	7am	241.20			78	5.94 - 6am
18	7am	241.16			78	4.56 - 10 <sup>20</sup> am
19	7am	241.34			78	6.09 - 6am 4.56 - 4 <sup>30</sup> Pm
20	7am	241.29			78	6.24 - 2 <sup>30</sup> Pm
21	7am	241.19			78	6.52 - 6 <sup>30</sup> am 6.24 - 4 Pm.
22	7am	241.06			78	-
23	7am	240.96			78	-
24	7am	240.87	20. in	74	78	-
25	7am	240.85			78	4.30 - 2 <sup>30</sup> Pm



1929  
August

	Time	Gage Height	Evap Cups	Rain Temp	Rain Temp
26	7 am	241.02			78
27	7 am	240.91			78
28	7 am	240.85			78
29	7 am	240.79			78
30	7 am	240.62			78
31	7 am	240.50			78
Sept 1	7 am	240.40	21 in	78	78

5.94 - 6 am 6.09 - 2 Pm  
6.38 - 6 am 6.24 - 4 Pm  
4.69 - 2<sup>30</sup> Pm  
6.24 - 6 am 6.09 - 3 Pm  
6.09 - 6 am  
5.94 - 6 am  
5.80 - 7 am

Premium 92111000  
Redwood 0739300  
30" Line 49190400  
16" Line 12676900  
Gage 24040  
Leakage 20 Gals per 24 hours



Sept  
1929

	Time	Gage Height	Evap Cups	Bar Temp	Rain LAKE TEMP	
1	7 am	240.40	21. in	74	78	580 - 7 am 609 - 11 am 580 - 4 Pm.
2	7 am	240.45			78	
3	7 am	240.58			77	624 - 6 am
4	7 am	240.45			77	538 - 5 <sup>50</sup> am 580 - 2 <sup>30</sup> Pm
5	7 am	240.40		03	76	496 - 6 am 483 - 9 <sup>15</sup> am 417 - 3 Pm
6	7 am	240.45		02	74	430 - 6 am 392 - 4 Pm. 39 - 9 <sup>15</sup> Pm
7	7 am	240.56			74	392 - 2 <sup>15</sup> am 417 - 6 am 91 - 8 am 417 - 11 am 404 - 4 <sup>50</sup> Pm
8	7 am	240.69	8.6 in	73	73	566 - 7 <sup>30</sup> am 594 - 2 <sup>30</sup> Pm
9	7 am	240.82			73	443 - 6 am 4 <sup>30</sup> - 3 <sup>30</sup> Pm
10	7 am	240.87			73	456 - 6 <sup>45</sup> am
11	7 am	240.90			74	430 - 3 Pm
12	7 am	240.95			74	580 - 5 <sup>20</sup> am
13	7 am	240.97			74	566 - 11 am 538 - 2 Pm
14	7 am	241.04			74	570 - 6 <sup>30</sup> Pm
15	7 am	241.14			74	417 - 2 <sup>30</sup> Pm
16	7 am	241.40	14. in	70	74	566 - 6 am
17	7 am	241.57			74	443 - 6 am 106 - 9 <sup>10</sup> am 443 - 12 <sup>30</sup> Pm 392 - 4 <sup>30</sup> Pm
18	7 am	241.83		40	74	
19	7 am	242.15			74	430 - 3 Pm
20	7 am	242.32			74	392 - 11 <sup>25</sup> am
21	7 am	242.50			74	404 - 6 am 84 - 11 am 392 - 2 <sup>30</sup> Pm
22	7 am	242.75			74	430 - 3 Pm
23	7 am	243.02			74	
24	7 am	243.15	8. in	68	74	566 - 6 am
25	7 am	243.27			74	456 - 6 am 430 = 2 Pm



Sept  
1929

	Time	Gage Height	Evap Cups	Bar Temp	Rain	Lake Temp	
26	7 am	243.35				73	449 - 6 am 5.80 - 2 Pm
27	7 am	243.35				73	453 - 6 am 5.52 - 2 Pm
28	7 am	243.38				73	443 - 6 am
29	7 am	243.45				73	404 - 6 <sup>25</sup> am
30	7 am	243.60				73	430 - 6 am 4.56 - 6 <sup>15</sup> am 5.52 - 3 Pm
Oct. 1	7 am	243.61	11. in	68		72	5-15 sec 4.69 - 6 am

Premier 949557 00  
 Redwood 79231 00  
 30" Line 551520 00  
 16" Line 132116 00  
 Gage 243 61  
 Leakage 20 Gals per min



Oct  
1929

	Time	Gage Height	Evap Cups	Rain Height	Rain Lake	Leakage	
1	7 am	243.61	11. in	68	72	5-15 sec	469 - 6 am 5.66 - 2 <sup>30</sup> Pm
2	7 am	243.67			72		496 - 5 <sup>45</sup> am 5.52 - 2 <sup>30</sup> Pm
3	7 am	243.68			72		106 - 6 am 5.52 - 9 <sup>30</sup> am 4.30 - 3 Pm
4	7 am	243.70			72		538 - 6 am
5	7 am	243.70			73		510 - 3 <sup>40</sup> Pm
6	7 am	243.66			73		524 - 6 <sup>15</sup> am 5.38 - 1 Pm
7	7 am	243.80			73		566 - 6 am
8	7 am	243.80	11.2 in	67	73	5-15 sec	98 - 6 <sup>15</sup> am 5.66 - 10 am
9	7 am	243.77			73		552 - 3 <sup>30</sup> Pm
10	7 am	243.68			73		594 - 6 am 3.92 - 3 <sup>15</sup> Pm 4.17 - 3 <sup>30</sup> Pm
11	7 am	243.49			72		580 - 6 am 4.17 - 3 <sup>30</sup> Pm
12	7 am	243.25			72		580 - 6 <sup>20</sup> am 4.17 - 3 Pm
13	7 am	243.03			72		
14	7 am	243.30			72		496 - 6 am 4.30 - 3 Pm
15	7 am	243.35			72		469 - 6 am 4.43 - 4 Pm
16	7 am	243.45	11. in	68	72	5-15 sec	524 - 6 am 4.43 - 3 <sup>30</sup> Pm
17	7 am	243.55			71		483 - 6 am 3.92 - 3 <sup>30</sup> Pm
18	7 am	243.65			71		430 - 6 am 5.80 - 3 Pm
19	7 am	243.70			71		538 - 3 <sup>30</sup> Pm
20	7 am	243.80			71		
21	7 am	243.70			70		552 - 6 am
22	7 am	243.70			70		
23	7 am	243.74			69		
24	7 am	243.80	10. in	61	69	5-15 sec	538 - 3 Pm
25	7 am	243.85			68		552 - 3 Pm



Oct  
1929

	Time	Gage Height	Evap Cups	Rain Feet	Rain Inch	Leakage
26	7am	243.80			67	538 - 3 Pm 5.24 - 5.30 Pm
27	7am	243.80			67	
28	7am	244.00			67	538 - 6am
29	7am	244.10			67	546 - 6am 5.52 - 4 Pm
30	7am	244.11			66	544 - 5.45 am 5.52 4 Pm
31	7am	244.16			65	580 - 6am 5.52 3 Pm
Nov 1	7am	244.20	12.6 in	54	64	594 - 6am

Premier 98405800  
 Redwood 6645600  
 30" Line 60257800  
 16" Line 14037100  
 Gage 24420  
 Leakage 594 15 sec



Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

MINUTES	LKS.	MINUTES	LKS.	MINUTES	LKS.
1	2 1/3	21	49	41	95 2/3
2	4 2/3	22	51 1/3	42	98
3	7	23	53 2/3	43	100 1/3
4	9 1/3	24	56	44	102 2/3
5	11 2/3	25	58 1/3	45	105
6	14	26	60 2/3	46	107 1/3
7	16 1/3	27	63	47	109 2/3
8	18 2/3	28	65 1/3	48	112
9	21	29	67 2/3	49	114 1/3
10	23 1/3	30	70	50	116 2/3
11	25 2/3	31	72 1/3	51	119
12	28	32	74 2/3	52	121 1/3
13	30 1/3	33	77	53	123 2/3
14	32 2/3	34	79 1/3	54	126
15	35	35	81 2/3	55	128 1/3
16	37 1/3	36	84	56	130 2/3
17	39 2/3	37	86 1/3	57	133
18	42	38	88 2/3	58	135 1/3
19	44 1/3	39	91	59	137 2/3
20	46 2/3	40	93 1/3	60	140

TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

Angle	COR. IN LINKS	Angle	COR. IN LINKS	Angle	COR. IN LINKS	Angle	COR. IN LINKS
0		0		0		0	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

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216  
192  
272  
178  
463

120  
174  
41  
339  
863  
120

15.00

June 23 - 68  
July 17 - 69  
Sept 28 - 69