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THE FREDERICK POST CO.
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Nov
1929

	Time	Gage Height	Irapp Cups	Pan Temp	Rain	Lake Temp	Leavage
1	7 am	244.20	12.6 in	54		64	5.9 am - 7 am 4.30 - 3 ³⁰ Pm
2	7 am	244.30				64	5.80 - 6 am 4.04 - 3 ³⁰ Pm
3	7 am	244.34				64	
4	7 am	244.51				63	5.52 - 6 am 4.30 - 3 Pm, 5.66 - 4 ²⁵ Pm
5	7 am	244.54				63	5.0 - 6 am 5.66 - 3 ³⁰ Pm
6	7 am	244.62				62	6.09 - 6 am 5.80 - 4 Pm
7	7 am	244.60				62	6.09 - 6 am 5.80 - 3 Pm
8	7 am	244.59	10.6 in	55		63	5.6 am 17 am 6.24 - 6 am 5.80 - 4 Pm
9	7 am	244.55				63	5.94 - 6 am 5.52 - 3 Pm
10	7 am	244.59				62	4.04 - 3 Pm
11	7 am	244.80				62	4.17 - 7 am 4.30 - 2 ⁵⁰ Pm
12	7 am	244.99				62	4.83 - 6 am 4.43 - 3 Pm
13	7 am	245.06				61	5.52 - 2 ³⁰ Pm
14	7 am	245.10				61	5.4 - 6 am 4.43 - 2 ¹⁵ Pm, 5.52 - 3 ⁴⁵ Pm
15	7 am	245.15				60	5.66 - 6 am 5.80 - 3 Pm, 5.66 - 5 ²⁰ Pm
16	7 am	245.15	11. in	51		59	5.6 am 17 am
17	7 am	245.20				58	4.04 - 3 Pm
18	7 am	245.35				58	4.17 - 6 am 5.66 - 3 Pm
19	7 am	245.40				58	4.04 - 3 Pm
20	7 am	245.50				58	4.17 - 6 ¹⁰ am 4.30 - 3 ³⁰ Pm
21	7 am	245.56				59	2.8 - 6 am 4.17 - 9 am
22	7 am	245.66				59	3.3 - 6 am - 5.0 - 2 ¹⁰ Pm
23	7 am	245.50				59	4.17 - 6 am 5.52 - 7 ¹⁵ am - 4.17 - 8 ¹⁵ am 4.30 - 2 ³⁰ Pm 4.04 - 5 ³⁰ Pm
24	7 am	245.50	8. in	49		59	5.6 am 17 am 4.17 - 3 Pm
25	7 am	245.70				59	4.30 - 6 am 1.06 - 11 am, 6.3 - 3 Pm

Correct 3 min
Revised
date

Nov 1929	Time	Gage	Erap	Pan Temp	Rain	Lake Temp	Leakage
		Height	Cups				
26	7 am	245.95			59		
27	7 am	246.10			59		
28	7 am	246.11			59		
29	7 am	246.20			59		
30	7 am	246.18			59		
Dec 1	7 am	246.20	6 in	56	59	5-15 sec	

4.56 - 6 am 4.69 - 10th am 4.43 - 3 pm

4.17 - 6³⁰ am 5.52 - 10 am

4.17 - 6 am 5.80 - 3 pm

5.94 - 6⁴⁰ am 4.17 - 3 pm

4.30 - 7³⁰ am

Premier 10086 3500

Redwood 494 1200

30' Line 6436 8900

16' Line 1480 5500

Gage 246.20

Leakage 5 Gals 17 sec

Dec
1929

	Gage	Erap	Rain	Rain	Leakage	
Time	Height	Cups	Temp	Lux	Temp	
1	7am	24620	6. in	56	59	57-7 ³⁰ am
2	7am	24630			58	
3	7am	24637			58	63-6am 62-3pm
4	7am	24635			58	50-3 ³⁰ pm
5	7am	24630			58	62-6am 61-3pm
6	7am	24615			58	51-6 ³⁰ am 15-3pm
7	7am	24620			58	63-6am 61-3pm
8	7am	24610	4.0 in	56	58	20 gal mi 50-7am 62-10am 61-3pm
9	7am	24605			58	0-5am 15-11 ⁴⁵ am 62-12 ¹⁵ pm
10	7am	24600			58	63-6am 62-6 ³⁰ am 60-3pm
11	7am	24600			58	
12	7am	24590			58	50-3pm
13	7am	24590			58	53-6am 64-7am 62-3 ³⁰ pm
14	7am	24590			58	61-7 ³⁰ am 60-3pm
15	7am	24586			59	59-3pm
16	7am	24590	4.0 in	55	59	20 gal mi 60-6am 59-3 ³⁰ pm
17	7am	24590			59	
18	7am	24590			59	60-5 ⁵⁰ am 59-3pm
19	7am	24585			58	58 ⁴⁵ -7 ⁴⁵ am 60-3pm
20	7am	24580			58	
21	7am	24574			59	61-6am 59-3pm
22	7am	24565			59	50-3pm
23	7am	24560			56	61-6am 62-3 ³⁰ pm
24	7am	24555	7.6 in	50	56	20 gal mi 61-6 ⁴⁵ am 59-3pm
25	7am	24544			56	

DEC
1929

	Time	Gage Height	Erap Cups	Pan Cups	Rain Line	Temp	Leakage
26	7 am	245.50			55		63-6 am 60-3 Pm
27	7 am	245.41			55		66-6 am 59-3 ¹⁵ Pm
28	7 am	245.34			55		60-10 ⁰⁰ am 59-3 Pm
29	7 am	245.30			55		61-7 ¹⁵ am
30	7 am	245.40			55		61-6 am
31	7 am	245.45			55		62-6 am
Jan 1	7 am	245.36	8.8 in	48	54		62-7 ¹⁵ am

Premier	103	563600
Redwood	19	31300
30" Line	671	25000
16" Line	153	54800
Gage		245.36
Leakage	20	9ml mi

1930
JAN

	Time	Gage Height	Evap Cunks	Rain Temp	Rain Lake Temp	Leak	
1	7 am	24536	8.8 in	48	54	20 Gals	62-7 ⁰⁰ am
2	7 am	24541			54		
3	7 am	24539			54		
4	7 am	24535			54		67-6 am 62-3 ⁰⁰ Pm
5	7 am	24540			54		61-7 ³⁰ am 60-3 Pm
6	7 am	24564			50 54		49-3 Pm
7	7 am	24594			32 54		60-6 ⁴⁵ am 50-7 ⁵⁰ am
8	7 am	24625	5.8 out	45	31 53	20 Gals	
9	7 am	24655			53		51 ¹² - 6 ³⁰ am
10	7 am	24695			112 53		52-7 am
11	7 am	24730			89 53		59-6 ⁴⁵ am
12	7 am	24756			43 52		51-6 ⁴⁵ am 52-2 ⁵⁰ Pm
13	7 am	24781			26 52		
14	7 am	24800			11 52		59-6 ³⁰ am 0-1 ⁵⁰ Pm
15	7 am	24830			18 52		6-6 ³⁰ am
16	7 am	24850	27.8 out	51	19 52	30 Gals	59-12 ³⁵ Pm
17	7 am	24856			52		63-6 am 60-6 ⁵⁰ am 52-3 ⁵⁵ Pm
18	7 am	24860			07 52		
19	7 am	24865			03 52		51-7 ³⁰ am
20	7 am	24870			15 52		50-7 ³⁰ am
21	7 am	24878			54		49-7 ¹⁵ am 50-2 ³⁰ Pm
22	7 am	24885			54		51-6 ¹⁵ am
23	7 am	24890			54	30 Gal	
24	7 am	24895	2. in	49	54	✓	53-6 ³⁰ am 59-3 Pm
25	7 am	24900			54	✓	60-8 am 50-3 Pm

1930
Jan

	Gage	Evap					
Time	Height	Cuhs	Rain	Lake	Temp	Leak	
26	7 am	249.05				55 30 Gal mi	6-9 am
27	7 am	249.25		50	55 60 ✓		50-6 ⁵⁰ am 55-7 ³⁵ am 57-1 Pm
28	7 am	249.28		33	56 30 ✓		50-7 ⁵⁰ am 60-11 am 61-5 ¹⁵ Pm
29	7 am	249.19			56 60 ✓		
30	7 am	249.20			56 60 ✓		52-3 Pm
31	7 am	249.25			56 60 ✓		51-6 ⁴⁰ am 50-5 Pm
Feb 1	7 am	249.30	4. out	50	56 60 ✓		49-7 am

Premier 104 023200
 Redwood 4943400
 30" Line 67907200
 16" Line 15555400
 Gage 249.30
 Leakage 60 Gal mi

February
1930

	Time	Gage Height	EVAN Cups	Temp 50	Rain 56	Leakage 60	
1	7 am	24930	4. out	50	56	60	49-7 am 47-1-PM
2	7 am	24935			56	✓	48-7 ³⁰ am
3	7 am	24936			56	✓	60-6 am
4	7 am	24935			56	✓	
5	7 am	24930			56	✓	62-6 am
6	7 am	24927			56	✓	49-3 PM
7	7 am	24925			59	✓	51-6 ¹⁵ am 50-3 PM
8	7 am	24928	4.6 in	56	58	✓	49-6 ¹⁵ am 62-3 PM
9	7 am	24927			58	✓	60-7 ³⁰ am 59-3 PM
10	7 am	24924			59	✓	48-3 PM
11	7 am	24921			59	✓	47-8 am
12	7 am	24920			60	✓	59-4 PM
13	7 am	24915			60	✓	58-9 am
14	7 am	24907			60	✓	65-6 ¹⁰ am
15	7 am	24901			60	✓	
16	7 am	24899	3.8 in	54	60	✓	62-7 am 51-3 PM
17	7 am	24900			60	✓	16-6 am 19-5 ⁴⁵ PM
18	7 am	24910			61	✓	50-6 am 61-2 ³⁰ PM
19	7 am	24902			61	✓	63-8 am
20	7 am	24894			61	✓	65-6 am
21	7 am	24892			56	✓	63-6 ¹⁵ am 60-7 ⁴⁰ am
22	7 am	24891			61	✓	61-4 ⁵⁰ PM
23	7 am	24898			61	✓	48-7 ³⁰ am
24	7 am	24907	1.8 out	52	60	✓	61-6 am
25	7 am	24912			60	✓	49-11 am

February
1930

	Time	Gage Height	EVAN Cups	Per min	Per min	Per min	Leakage
26	7 am	249.18			59	60 Gal	
27	7 am	249.20			1259	✓	
28	7 am	249.24			1059	✓	
1 Mch	7 am	—	2, in		59	✓	

55-6³⁰ am. 61-3-PM

60-8 am Hg-3 PM

61-3 PM

63-6³⁰ am

Cremier

104166800

Redwood

8087100

30" Line

68653500

16" Line

15593700

Gage

No gage - too rough

Leakage

60 Gal per min

March
1930

	TIME	GAGE HEIGHT	EVAP. Cups	Pan. Temp	Rain Lake Temp	Leakage	
1	7 am	No Gage	2.0 in				63-6 ²⁰ am 62-3 Pm
2	7 am	249.15			59		50-7 ⁴⁵ am 18-3 Pm
3	7 am	249.03			58		52-6 am 49-3 Pm
4	7 am	248.87		03	58		51-1 Pm
5	7 am	248.67		26	58	30 Gals	18-3 Pm
6	7 am	248.60		02	58		48-6 am
7	7 am	248.42			58		
8	7 am	248.21	2.8 in	56	60		
9	7 am	248.03			60		18-5 ⁴⁵ Pm
10	7 am	247.92			60		51-6 am 62-3 ³⁰ Pm 51-5 Pm
11	7 am	247.70			60		52-6 am
12	7 am	247.42			60		51-1 ¹⁰ Pm
13	7 am	247.13			60		49-6 am
14	7 am	246.90			12 60		
15	7 am	246.90			15 60		
16	7 am	246.82	12.8 out	51	44 58		
17	7 am	246.68			58	30 Gals	15-7 ¹⁰ am
18	7 am	246.63			58		65-6 am 49-8 am
19	7 am	246.48		02	58	23 Gals	48-12 ⁴⁰ Pm 20-3 Pm
20	7 am	246.39			59		15-7 am
21	7 am	246.31			61	22 Gals	21-6 ²⁰ am 15-3 ¹⁵ Pm
22	7 am	246.25			61		18-7 ⁵⁰ am 41-11 am 18-2 Pm
23	7 am	246.16			61		
24	7 am	246.06	5.8 in	59	62	21 Gals	20-1 Pm
25	7 am	245.96			62		25-6 am 20-1 Pm

March
1930

	TIME	GAGE HEIGHT	Evap. Cups	Bar Temp	Rain Lake Temp	Leakage
26	7 am	245.79			62	22-3 ³⁰ Pm
27	7 am	245.60			-	
28	7 am	245.42			63	24-6 am 32-7 am 35-12 ¹⁵ Pm
29	7 am	245.18			63	22-6 am 16-3 Pm
30	7 am	244.98			65	
31	7 am	244.87			0366 20 Gal mi	21-6 am
April 1	7 am	244.73	9 in		1366	21-7 ⁴⁵ am

Premier 104283200
 Redwood 1860600
 30" Line 69602600
 16" Line 15628100
 Gage 24473
 Leakage 20 Gal mi

April
1930

	Time	Gage Height	Evap Cups	Low Temp	Rain Inch	Wind Dir	Remarks
1	7 am	244.73	9 in	58	13	LL	20 Gale in 21-7 ⁴⁵ am
2	7 am	244.62				66	
3	7 am	244.46				66	30-3 Pm
4	7 am	244.26				64	38-6 am 53-10 ³⁰ am 29-3 Pm
5	7 am	244.02				65	41-6 am 45-9 am 48-11 am
6	7 am	243.70				65	65-7 am 48-3 Pm 65-4 ³⁰ Pm
7	7 am	243.34	7 in	63	65	20 Gale in	36-6 am
8	7 am	243.10				66	
9	7 am	243.23				66	0-6 am
10	7 am	243.70				68	
11	7 am	244.27				68	5-11 ²⁵ am 0-4 Pm
12	7 am	244.70				68	
13	7 am	245.14				69	
14	7 am	245.60			08	69	5-8 ³⁰ am 0-3 ²⁰ Pm
15	7 am	246.03				69	
16	7 am	246.40	13 in	74		20 Gale in	
17	7 am	246.66				68	7-6 ⁴⁰ am 0-3 ³⁵ Pm
18	7 am	246.94				68	10-7 ³⁰ am 0-8 ³⁰ am 10-10 ¹⁰ am 0-12 ³⁰ Pm
19	7 am	246.85				69	5-7 am 0-3 Pm
20	7 am	246.54				69	
21	7 am	246.30				69	53-6 am 0-1 Pm
22	7 am	245.95				69	53-6 am
23	7 am	245.49				69	59-7 ⁴⁰ am 65-2 Pm
24	7 am	244.97	14 in	67		69	
25	7 am	244.45				69	

April
1930

	Time	Gage Height	Evap Cups	Low Temp	Rain Inch	Wind Mph	Seepage
26	7 am	24395			69		
27	7 am	24335			70	20 Gal mi	59-3 PM
28	7 am	24283			70		64-3 PM
29	7 am	24181			70		65-6 am
30	7 am	24175			1570		60-3 PM
May 1	7 am	24229	3.2 out	68	43	68	20 Gal mi 59-7 ³⁰ am

Premier 106968800
 Redwood 0094100
 30" Line 73050700
 16" Line 15875000
 gage 24229
 Seepage 20 Gal per mi

May
1930

	Time	Gage Height	Soap Cups	Bar Temp	Rain Temp	Temp	Leakage	
1	7 am	242.29	3.2 out	68	43	68	20 Gal in	59-7 ³⁰ am
2	7 am	242.70			22	67		48-5 pm
3	7 am	243.22			05	66		47-9 am
4	7 am	243.90			60	66		16-3 ³⁰ pm
5	7 am	244.70			92	65		48-6 am
6	7 am	245.30			40	64		50-6 am 48-4 ³⁰ pm
7	7 am	245.85				64		59-3 pm
8	7 am	246.30	13.2 out	58	01	64	20 Gal in	60-8 am
9	7 am	246.74				64		62-6 am 59-3 pm
10	7 am	247.10				63		60-6 ¹⁵ am
11	7 am	247.44				64		61-6 ⁴⁵ am 63-3 pm
12	7 am	247.70				65		
13	7 am	247.94				67		65-6 am
14	7 am	248.05				67		63-3 pm
15	7 am	248.15				68		51-3 pm
16	7 am	248.25	14.4 in	62		68	30 Gal in	62-6 am
17	7 am	248.35			11	67		60-3 pm
18	7 am	248.45				65		61-6 ¹⁵ am
19	7 am	248.59				66		64-6 am 63-3 pm
20	7 am	248.65				66		64-6 ¹⁵ am
21	7 am	248.70				68		63-8 am
22	7 am	248.74				70	40 Gal in	
23	7 am	248.67				70		64-2 ³⁰ pm
24	7 am	248.60	14.4 in	70		70		67-6 am 68.9 am 64-3 pm
25	7 am	248.54				70		66-7 am

May
1930

	Time	Gage Height	Soap Cups	Bar Temp	Rain	Temp	Leakage
26	7 am	248.51				71	
27	7 am	248.44				71	
28	7 am	248.32				71	
29	7 am	248.22				72	
30	7 am	248.15				72	
31	7 am	248.05				72	60 Gal
June 1	7 am	247.95	18. in	66		72	

65-8³⁰ am 64-1⁴⁵ pm

Premier 107127100
 Redwood 5059200
 30" Line 757617.00
 16" Line 15907000
 Gage 247.95
 Leakage 60 Gal mi

June
1930

	Time	Gage Height	Evap Crop	Wind Dir	Rain Rate	Temp	Leakage
1	7 am	247.95				72	56-3 Pm
2	7 am	247.86				72	64-5 ⁵⁰ am 59-2 ³⁰ Pm
3	7 am	247.78				72	58-7 ³⁰ am
4	7 am	247.70				72	64-11 ³⁰ am
5	7 am	247.62				72	
6	7 am	247.51				73	
7	7 am	247.43				74	
8	7 am	247.30	15.6 in			74	62-2 Pm
9	7 am	247.33				75	62 1/2-8 am
10	7 am	247.41				74	64-6 ¹⁵ am
11	7 am	247.28				74	68-6 am 64 1/2-4 Pm
12	7 am	247.14				74	68-6 am 64-4 Pm
13	7 am	247.01				74	67-6 am 64 1/2-4 Pm
14	7 am	246.89				74	68-6 am 64-4 Pm
15	7 am	246.97				74	60-2 Pm
16	7 am	247.16	13.8 in				60-6 am 64-10 ³⁰ am
17	7 am	247.22					60-6 am 64 1/2-3 Pm
18	7 am	247.18					60-6 am 64 1/2-4 ³⁰ Pm
19	7 am	247.35				71	66-7 ³⁰ am
20	7 am	247.41				71	60 1/2 mi 65-1 ³⁰ Pm
21	7 am	247.46				71	63-5 ²⁵ am 64-1 Pm
22	7 am	247.56				71	65-2 Pm
23	7 am	247.70				71	66-7 ¹⁵ am 65-8 ³⁰ am
24	7 am	247.73				71	
25	7 am	247.74	21.0 in 82			72	

June
1930

	Time	Gage Height	Evap Crop	Wind Temp	Rain Inch	Temp	Headage
26	7 am	247.65				72	67-6 am 65-3 Pm
27	7 am	247.52				72	60 Gae mi 68-6 am 65-3 Pm
28	7 am	247.40				74	64-6 am 65-4 Pm
29	7 am	247.35				74	
30	7 am	247.37				74	64-6 am
July 1	7 am	247.30	14. in	80		74	63-7 ¹⁰ am

Premier 110046000

Redwood 3532600

30' Line

16' ✓ 16441600

Gage 247.30

Headage 60 Gae mi

July
1930

	Time	Age Height	Temp Cups	Wind Speed	Rain Inch	Temp Wind	Sealight
1	7 am	247.30	14. in	80		74	60 Gale
2	7 am	247.20				74	
3	7 am	247.10				75	
4	7 am	247.04				75	
5	7 am	247.15				76	
6	7 am	247.20				76	
7	7 am	247.32				76	
8	7 am	247.30	17. in			76	
9	7 am	247.27				76	60 Gale
10	7 am	247.23				76	
11	7 am	247.20				76	
12	7 am	247.15				76	
13	7 am	247.11				77	
14	7 am	247.19				77	
15	7 am	247.05				78	
16	7 am	246.95	24 in	87		78	60 Gale
17	7 am	246.87				80	
18	7 am	246.78				80	
19	7 am	246.70				80	
20	7 am	246.65				78	
21	7 am	246.65				78	
22	7 am	246.55				78	
23	7 am	246.52				78	
24	7 am	246.42	22.6 in	72		77	60 Gale
25	7 am	246.32				77	

63-7¹⁰ am

65-7³⁰ am 66-12³⁰ Pm

70-6 am 65-3- Pm

69-6 am 65-3 Pm

67-6²⁰ am 64-3 Pm

67-6 am 64-3 Pm

67¹²-6 am 64-1³⁰ Pm

67-6 am 66-4 Pm

68-6 am 66-3 Pm

68-6 am 66-4 Pm

64-5³⁰ am

66-1⁴⁵ Pm

67-6 am 66-3 Pm

71-6 am 70-11 am 66-3 Pm

67-9⁵⁰ am 65-3 Pm

66-6 am

65-6 am 53-5¹⁰ Pm 18-7¹⁰ Pm

58-5¹⁰ am 68-12⁴⁰ Pm 55-3 Pm 66-5¹⁰ Pm

69-6 am 66-3 Pm

68-6 am 66-3 Pm

July
1930

	Time	Gage Height	Soap Cups	Am Temp	Rain Rate	Wind Dir	Leakage
26	7 am	246.29				77	67-6 am 68-7 ³⁰ am 55-3 Pm
27	7 am	246.40				77	54-7 am 52-3 Pm
28	7 am	246.70				77	66-7 ¹⁵ am 55-5 Pm
29	7 am	246.79				77	67-6 am 56-3 ³⁰ Pm
30	7 am	246.80				77	67-5 am 56-8 Pm
31	7 am	246.40				78	66-7 am 55-3 Pm
Aug. 1	7 am	246.17	20.8 in	77		78	66-6 am

Premier 115244400
 Redwood 4923200
 30" Line
 16" Line 17575500
 Gage 2461.7
 Leakage 60 Gal mi

August
1930

	Time	Gage Height	Trap Cups	Bar Stmp	Rain Hrs	Seepage	
1	7 am	246.17	20.8 in	72	78	60 Gal ^{hr}	66-7 am 55-3 Pm
2	7 am	246.14			78		65-6 am 55-3 Pm
3	7 am	246.15			78		54-3 Pm
4	7 am	246.23			78		66-6 am 54-3 Pm
5	7 am	246.20			78		63-6 am 54-3 Pm
6	7 am	246.10			78		65-6 th am 54-3 Pm
7	7 am	246.06			78		68-6 am 55-3 Pm
8	7 am	246.35	18. in	70	77	60 Gal in	65-6 th am 55-3. Pm
9	7 am	246.00			77		65-6 am 55-10 am
10	7 am	246.16			77		50-3 Pm
11	7 am	246.38			03 77		65-6 am 50-6 ³⁰ am 25-7 ²⁵ am 61-9 am 51-3 Pm
12	7 am	246.49			77		61-6 ⁵⁰ am 53-3 Pm
13	7 am	246.51			76		66-6 am 53-3 Pm
14	7 am	246.48			76		65-6 am 53-3 Pm
15	7 am	246.55			76		67-6 am 53-3 Pm
16	7 am	246.58	12.4 in	72	76	60 Gal in	66-6 am 53-10 ³⁰ am
17	7 am	246.64			76		
18	7 am	246.80			75		64-6 am 53-3 Pm
19	7 am	246.80			75		64-6 am
20	7 am	246.75			75		65-1 Pm
21	7 am	246.70			76		
22	7 am	246.67			78		66-3 Pm
23	7 am	246.62			78		68-5 ³⁰ am 66-3 Pm
24	7 am	246.63	20. in	74	79		
25	7 am	246.74			79		

August
1930

	Gage	Trap	Price	Weight	Price	Weight	Leakage
	Number	Cups					
26	7 am	24665					
27	7 am	24662				79	
28	7 am	24658				79	
29	7 am	24647				79	
30	7 am	24640				78	
31	7 am	24640				78	
Sept 1	7 am	24649	21 in	72		78	60 Gal/m
						77	

68-6 am 64-3 Pm
 67-6 am 64-3 Pm
 66-6 am 65-3 Pm
 68-6 am 65-3 Pm
 68-6 am 64-3 Pm
 64-6 am

Premier 120940000
 Redwood 6232800
 16' Lins 18560000
 Gage 24649
 Leakage 60 Gal per min

5 SEPT
1930

	Time	Stage Height	Evap Cups	Bar Temp	Rain	Leaf Temp	Shading
1	7am	24649	21. in	72	77	60 Gae. in	64-7am 53-7 ³⁰ am
2	7am	24655			77		48-1 ³⁰ Pm
3	7am	24661			77		59-6am 61-2 ⁴⁰ Pm
4	7am	24660			77		63-6am 65-1 ⁴⁵ Pm
5	7am	24651			78		67-6am 65-3Pm
6	7am	24624			78		64-6am
7	7am	24620			77		
8	7am	24622	18.8 in	69	77	60 Gae. in	
9	7am	24620			76		68-6am 65-3Pm
10	7am	24620			75		67-6am 65-3Pm
11	7am	24617			74		
12	7am	24615			74		66-7 ³⁰ am
13	7am	24615			74		
14	7am	24619			74		65-3Pm
15	7am	24625	13. in	65	73	60 Gae. in	
16	7am	24627			73		60-2 ⁴⁰ Pm
17	7am	24631			73		61-7 ³⁰ am
18	7am	24640			73		60-3Pm
19	7am	24645			73		
20	7am	24650			73		65-5 ⁴⁰ am
21	7am	24650			73		63-6am 52-3Pm
22	7am	24676			73		65-6am
23	7am	24670			73		
24	7am	24671	16. in	62	73		63-7 ³⁰ am
25	7am	24674			72		62-6 ³⁰ am

8 SEPT
1930

	Time	Gage Height	Evap Cups	Bar	Temp	Rain	Wind	Leakage
26	7 am	246.76				72		66-6 am 63-3 Pm
27	7 am	246.75				72		67-5,40 am 63-3 Pm
28	7 am	246.81				72		
29	7 am	246.95				71		62-6 am
30	7 am	247.00				71		63-3 Pm
Oct 1	7 am	247.02	11. in	60		69		63-6 ³⁰ -am

Premier 126296100
 Redwood 7284100
 16" Line 19684500
 Gage 24702
 Leakage 50 Gac per min

8 October
1930

	Time	Gage Height	Coap Cup	Bar Temp	Rain Inch Depth	Leakage	
1	7 am	24702	11. in	60	69	50 Gal. in	63-6 ³⁰ am 30-9 am 63-5 Pm
2	7 am	24704			69		
3	7 am	24709			68		64-6 am 20-8 am 63-noon
4	7 am	24711			68	30 Gal. in	
5	7 am	24710			70		
6	7 am	24715			70		68-6 am 63-3 Pm
7	7 am	24708	13. in	63	70		
8	7 am	24700			69		
9	7 am	24692			.13 69		60-10 am
10	7 am	24708			.35 69		59-8 am
11	7 am	24720			68	30 Gal. in	58-6 ³⁰ am 51-7 ³⁰ am
12	7 am	24730			67		50-6 am
13	7 am	24740			67		59-6 am
14	7 am	24718			67		64-6 am 59-3 Pm
15	7 am	24695			67		66-6 ¹⁵ am 59-3 Pm
16	7 am	24661	6.2 in	60	67	20 Gal. in	61-6 am
17	7 am	24636			67		64-1 ⁴⁰ Pm
18	7 am	24610			67		62-7 ³⁰ am
19	7 am	24590			67		
20	7 am	24576			67		
21	7 am	24565			67		64-5 ³⁰ am 62-3 Pm
22	7 am	24545			67		64-4 ⁵⁰ Pm
23	7 am	24530			67	20 Gal. in	66-6 am 63-3 Pm
24	7 am	24521	10. in	60	67		67-5 ¹⁵ am 64-4 Pm
25	7 am	24512			67		66-6 am 60-3 Pm

October
1930

	Time	Gage Height	Coap Cups	Clam Pump	Rain Gals per min	Leakage
26	7 am	245.00			66	61-6 am
27	7 am	245.05			66	20 Gals/min 63-5 ⁴⁰ am 61-3 pm
28	7 am	245.00			66	63-6 ¹⁵ am 59-3 pm
29	7 am	244.90			66	60-3 pm 61-3 ³⁰ pm 63-3 ⁴⁰ pm
30	7 am	244.72			66	61-6 am
31	7 am	244.60			66	20 Gals/min 62-5 ³⁰ am 59-3 pm
Nov 1	7 am	244.45	14. in	55	65	59-7 ⁰ am

Premier 130275600

Redwood 8276400

16' Linc 20342600

Gage 24445

Leakage 20 Gals per min

November
1930

	Time	Gage Height	Soap Cups	Rain Temp	Rain	Seepage	
1	7 am	244.45	14. in	55	65	20 Gal mi	59-7 am 60-3 Am
2	7 am	244.33			65		
3	7 am	244.20			65		62-6 am
4	7 am	244.06			65		63-6 am
5	7 am	243.95					65-7 ²⁰ am
6	7 am	243.80			66		65-9 ³⁰ am
7	7 am	243.65			64		62-8 ³⁰ am 0-11 am 64-1 Am
8	7 am	243.55	12. in	58	64	20 Gal mi	65-7 ³⁰ am 68-9 ¹⁵ am 63-3 Am
9	7 am	243.50			64		60-3 Am
10	7 am	243.50			64		62-6 am 61-1 ¹⁵ Am
11	7 am	243.45			64		
12	7 am	243.35			64		68-5 ³⁰ am 61-3 Am
13	7 am	243.37			64		65-6 am 59-3 Am
14	7 am	243.65			24 64		60-4 ³⁰ Am
15	7 am	243.97			02 64		49-2 Am
16	7 am	244.30	5.6 in	54	22 61		09-7 ³⁰ am 16-2 ³⁰ Am
17	7 am	244.82			39 61		20-6 ²⁰ am 0-7 ⁴⁵ am 49-12 ^{noon}
18	7 am	245.27			19 60		20-12 ²⁰ am 49-11 ¹⁵ am
19	7 am	245.93			58		59-3 Am
20	7 am	245.97			58		60-7 ³⁰ am
21	7 am	246.25	2 1/2 cups		58	20 Gal mi	49-4 Am 0-5 ³⁰ Am
22	7 am	246.60			56		49-7 am
23	7 am	246.85			56		48-8 ¹⁰ am
24	7 am	247.13	6. in	51	56	20 Gal mi	52-6 am 62-7 am
25	7 am	247.25					

November
1930

	Time	Gage Height	Soap Cups	Raw Temp	Rain	Wind Temp	Leakage
26	7 am	247.35			56		63-8 am
27	7 am	247.50			56		62-7 am 22-1 ³⁰ Pm 62-6 ⁴⁰ Pm
28	7 am	247.85			56	30 gal mi	63-7 am
29	7 am	248.00			58		0-7 ²⁰ am 63-9 ³⁰ am
30	7 am	248.12			58		50-7 ¹⁰ am 49-4 Pm
Dec 1	7 am	248.28	3. out	57	58	30 gal mi	49 ^{1/2} -7 am

Premier 133361400
 Redwood 5457500
 16" Line 21136300
 Gage 248.28
 Leakage 30 gal mi

December
1930

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Time	Gage Height	Cups	Bar Stamp	Plains take sample	Leakage
1	7 am 248.28	3. - out	52	58	
2	7 am 248.35			58	
3	7 am 248.38			58	
4	7 am 248.20			57	
5	7 am 248.15			57	
6	7 am 248.28			57	23 Gals
7	7 am 248.35			57	
8	7 am 248.35	5.6 in	50	57	
9	7 am 248.37			57	
10	7 am 248.35			57	
11	7 am 248.33	2.14 in	50	57	
12	7 am 248.30	-	50	57	
13	7 am 248.23	.04 in	48	56	
14	7 am 248.16	0.4 in	48	56	
15	7 am 248.15	2.1 in	49	56	
16	7 am 248.01	1.6 in	49	56	
17	7 am 247.88	0.4 in	52	56	
18	7 am 247.76	1.4 in	45	55	20 Gals
19	7 am 247.61	1. in	45	54	
20	7 am 247.44	1. in	46	54	
21	7 am 247.25	1.1 in	44	54	
22	7 am 247.20	1.9 in	44	54	
23	7 am 247.01	1.8 in	42	52	
24	7 am 246.80	1. in	48	52	
25	7 am 246.60	0.5 in	45	51	

49 1/2 - 7 am 48 - 3⁰⁰ Pm

60 - 9⁴⁵ am

49 - 1⁵⁰ Pm

10 - 4⁴⁵ Pm

49 - 9 am

59 - 7 am

60 - 6¹⁵ am

61 - 6¹⁵ am

60 - 8³⁰ am 49 - 2 Pm

48 - 8³⁰ am 60 - 1 Pm

62 - 6³⁰ am 60 - 3 Pm

61 - 7³⁰ am

64 - 6⁴⁰ am 61 - 3 Pm

64 - 7⁴⁵ am 61 - 4 Pm

67 - 6 am 64 - 3 Pm 61 - 5²⁵ Pm

63 - 6³⁰ am 49 - 3 Pm

62 - 6 am 58 - 2 Pm

60 - 7 am 61 - 2 Pm

62 - 6²⁵ am

65 - 6 am 62 - 3 Pm

60 - 7 am 49 - 1 Pm

This on Conductor only

December
1930

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Gage
Time Height Cups Pan Temp Rain Air Temp Leachage

Date	Time	Height	Cups	Pan Temp	Rain	Air Temp	Leachage
26	7 am	246.65	.04 in	48	51	20 Gal mi	61-6 am
27	7 am	246.50	.04 in	45	50		49-3 Pm
28	7 am	246.40	.1 in	44	51		61-3 Pm
29	7 am	246.38	.14 in	45	50		63-3 Pm
30	7 am	246.20	.04 in	45	49		64-6 am 65-12 noon 63-3 ³⁰ Pm
31	7 am	245.82	.06 in	46	50		66-6 am 51-2 Pm
Jan 1, 1931	7 am	245.45	.04 in	46	51	20 Gal mi	62-6 am

Premier 135410400
 Redwood 1216700
 16' Line 21485600
 Gage 24545
 Leachage 20 Gal mi

January
1931

	Time	Gage Height	Evap Cups	Bar Temp	Rain Temp	Wind Temp	
1	7 am	245.45	0.4 in	46	51	20 Gal mi	62-6 am
2	7 am	245.45	1.6 out	47	25	52	61-7 ^{am} 49-3 Pm
3	7 am	245.70	1. out	52	13	52	61-6 am 49-7 ^{am} 48-1 Pm
4	7 am	245.92	0.4 in	50	53		49-7 ^{am} 20-3 Pm
5	7 am	246.17	0.8 in	47	52		49-6 am
6	7 am	246.32	7. out	47	33	52	48-7 ^{am} 59-3 ³⁰ Pm
7	7 am	246.45	0.4 in	48	52		60-7 ^{am} 62-5 Pm
8	7 am	246.55	4.8 out	51	63	53	60-8 ^{am} 49-2 Pm
9	7 am	246.70	7. out	48	71	52	60-7 ^{am} 48-3 Pm
10	7 am	246.70	0.3 in	46	57		60-7 ^{am} 48-4 Pm
11	7 am	246.55	0.5 in	45	52	20 Gal mi	61-7 ^{am} 48-3 Pm
12	7 am	246.40	0.5 in	46	52		61-6 am
13	7 am	246.30	0.5 in	45	52		48-3 ³⁰ Pm
14	7 am	246.30	0.4 in	52	52		60-7 ^{am} 48-3 Pm
15	7 am	246.26	0.4 in	46	03	52 20 Gal mi	60-7 ^{am} 48-3 Pm
16	7 am	246.26	0.4 in	46	52		60-7 ^{am} 48-3 Pm
17	7 am	246.25	0.4 in	48	52		60-7 ^{am} 48-3 Pm
18	7 am	246.22	1.4 in	46	52		60-7 am 48-3 Pm
19	7 am	246.12	1. in	45	52		61-7 ^{am} 48-3 Pm
20	7 am	246.05	0.5 in	45	52		61-6 am 48-3 Pm
21	7 am	245.99	0.5 in	47	52		61-8 am 48-3 Pm
22	7 am	245.92	0.9 in	47	52		61-7 ^{am} 62-2 Pm
23	7 am	245.80	1. in	48	52		61-7 ^{am} 48-3 Pm
24	7 am	245.75	0.3 in	50	52		61-7 ^{am} 48-3 Pm
25	7 am	245.67	0.6 in	51	52	20 Gal mi	61-7 am 48-3 Pm

January
1931

	Time	Gage Height	Evap Cups	Bar Temp	Rain Temp	Leakage
26	7 am	245.60	1.3 in	51	52	61-6 am
27	7 am	245.45	1. in	49	52	
28	7 am	245.38	1.8 in	52	54	
29	7 am	245.25	1.6 in	54	56	61-6 am 62-1 ³⁰ Pm
30	7 am	245.15	0.6 in	51	56	48-3 Pm
31	7 am	245.15	0 -	55	56	61-6 am 48-3 Pm
Feb 1	7 am	245.31	0.6 in	55	56	20 Gal ^{mi} 48-7 am

Premier 135529500
 Redwood 4861600
 16' Line 21598600
 Gage 245.31
 Leakage 20 Gal mi

24
February
1934

	Time	Gage Height	Trap Cups	Bar Temp	Wind Dir	Wind Temp	Storage	
1	7 am	24531	0.6 in	55	56	20 Gal W	48-7 ³⁰ am	
2	7 am	24552	0.8 in	54	56		61-6 am 10-11 ²⁰ am 61-4 Pm	
3	7 am	24560	1. in	56	56			
4	7 am	24580	14.2 out	59	121		47-7 ³⁰ am	
5	7 am	24620	9.4 out	56	124 58		46-8 ¹⁵ am	
6	7 am	24640	4.2 out	56	42 58		61-7 ¹⁵ am	
7	7 am	24649	1.5 out	56	.15 59		60-8 ¹⁵ am 46-3 Pm	
8	7 am	24654	0.2 in	58	.02 59	20 Gal W	60-7 ³⁰ am 46-3 Pm	
9	7 am	24655	0.4 in	56	.02 59		60-6 am 46-3 Pm	
10	7 am	24655	0.7 in	55	59		60-6 am 46-7 ³⁰ am	
11	7 am	24663	0.5 in	56	59			
12	7 am	24665	0 -	57	.06 60	20 Gal W	60-6 ¹⁵ am 46-2 ⁵⁰ Pm	
13	7 am	24682	8.7 frost	56	96 60		60-6 ³⁰ am	
14	7 am	24680	0.2 in	57	.02 60		46-3 ⁵⁰ Pm	
15	7 am	24684	0.6 out	55	.12 59		60-6 ⁵⁰ am 46-3 Pm	
16	7 am	24685	1. in	54	58		60-6 am 46-6 Pm	
17	7 am	24685	0.7 in	52	58		60-6 ¹⁵ am 46-3 Pm	
18	7 am	24688	0.6 in	54	58		65-6 ³⁰ am 60-3 ³⁰ Pm	
19	7 am	24685	0.4 in	56	60		46-3 Pm	
20	7 am	24685	1. in	51	59	20 Gal W	60-6 am 10-7 ⁰ am 46-12 noon	
21	7 am	24685	1. in	50	59			
22	7 am	24666	1.5 in	50	58		60-6 ³⁰ am 45-3 Pm	
23	7 am	24650	1.3 in	49	58		60-6 am	
24	7 am	24625	1. in	48	58		46-3 Pm	
25	7 am	24618	1. in	50	58		60-6 ⁴⁰ am	

24
February
1931

	Time	Gage Height	Temp Cups	Bar Temp	Rain	Wind Temp	Leakage
26	7 am	246.05	1. in	54	58		
27	7 am	245.98	0.9 in	55	59		
28	7 am	245.93	0.6 in	56	60		
March 1	7 am	245.90	1.2 in	53	60	20 Gal mi	

46-3 Pm
64-6 am 50-3 Pm
50-7 am

Premier 135603500
Redwoods 7128400
16" Linc 21646900
Gage 24590
Leakage 20 Gal mi.

March
1931

	Time	Egg Height	Soap Cups	Raw Temp	Plate Temp	Leakage	
1	7 am	24590	1.2 in	53	60	20 Gal ²⁴	50-7 am 62-3 Pm
2	7 am	24589	1.6 in	53	60		
3	7 am	24577	2.2 in	54	60		
4	7 am	24567	1. in	53	60		49-3 Pm
5	7 am	24564	1.5 in	60	62		62-6 am 65-10 ³⁰ -am 63-5 Pm
6	7 am	24561	1.2 in	54	62		62-8 am
7	7 am	24545	1. in	52	62		64-7 am 49-3 Pm
8	7 am	24554	1.6 in	52	61	20 Gal ²⁴	62-2 Pm
9	7 am	24562	1.8 in	51	60		64-7 ³⁰ -am 63-3 Pm
10	7 am	24567	1.6 in	51	60		62-5 ⁵⁰ -am
11	7 am	24565	1.4 in	50	60		
12	7 am	24565	0.4 in	56	61	20 Gal ²⁴	60-8 am 61-3 Pm
13	7 am	24570	0.8 in	56	61		62-6 ¹⁵ -am 49-3 Pm
14	7 am	24574	1. in	56	61		64-6 am 49-3 Pm
15	7 am	24580	1. in	55	61		62-6 ⁵⁰ -am
16	7 am	24589	2.6 in	56	61		61-3 Pm
17	7 am	24585	1. in	59	61		60-6 am 62-5 Pm
18	7 am	24583	1. in	56	61	20 Gal ²⁴	66-6 am 64-5 ³⁰ -Pm
19	7 am	24580	1. in	60	61		63-6 am
20	7 am	24575	1.8 in	59	62		
21	7 am	24565	2.3 in	60	63		64-3 ³⁰ -Pm
22	7 am	24561	2. in	60	65		
23	7 am	24565	0.8 in	62	65		66-6 am 62-3 Pm
24	7 am	24560	1.6 in	60	65		65-6 am 62-3 Pm
25	7 am	24568	2. in	70	65		65-6 am 62-3 Pm

March
1931

	Time	Gage Height	Temp Cups	Bar Temp	Wind Temp	Leakage
26	7 am	245.71	0.3 in	59	65	20 Gal mi
27	7 am	245.76	1.4 in	56	65	
28	7 am	245.80	2.0 in	58	65	
29	7 am	245.85	1.0 in	57	65	
30	7 am	245.90	2.4 in	59	65	20 Gal mi
31	7 am	245.87	1.7 in	58	65	
Apr 1	7 am	246.02	2.0 in	70	65	

64-6 am

0-7 am 64-9¹⁰ am 63-3 Pm

62-6 am

67-6¹⁵ am 63-3¹⁵ Pm

68-5⁴⁵ am

Premier 138466900
 Redwood 5423800
 16" Line 22139600
 Gage 246.02
 Leakage 20 Gal per mi

April
1931

	Time	Gage Height	Coap Caps	Bar Temp	Rain	Leaf Temp	Leakage		
1	7 am	246.02	2.0 in	70	65	20 Gal		68-5 ⁴⁵ am	64-3 Pm
2	7 am	246.02	2.0 in	62	65			67-6 am	63-3 Pm
3	7 am	246.02	0.8 in	64	65			66-6 am	62-3 Pm
4	7 am	246.05	2.0 in	62	66			66-5 ⁴⁰ am	62-3 Pm
5	7 am	246.15	1.5 in	62	67			63-3 Pm	
6	7 am	246.30	2.0 in	61	67			66-5 ⁵⁰ am	63-3 Pm
7	7 am	246.35	1.0 in	63	67				
8	7 am	246.44	2.0 in	76	67	20 Gal		62-6 am	
9	7 am	246.50	2.0 in	64	67			66-5 ⁴⁵ am	62-3 Pm
10	7 am	246.55	3.0 in	77	67			64-5 ⁴⁵ am	63-3 Pm
11	7 am	246.64	2.0 in	64	68			64-5 ⁴⁵ am	63-3 Pm
12	7 am	246.75	2.0 in	63	68				
13	7 am	246.99	2.4 in	66	68			62-5 ⁵⁰ am	
14	7 am	247.12	2.0 in	63	68				
15	7 am	247.20	2.8 in	76	68	20 Gal		67-6 am	62-2 Pm
16	7 am	247.26	2.0 in	64	68			63-6 am	65-6 Pm 63-6 ¹⁵ Pm
17	7 am	247.34	1.0 in	64	69			66-6 am	63-3 Pm
18	7 am	247.40	1.8 in	63	69			64-5 ⁴⁰ am	63-3 Pm
19	7 am	247.45	2.0 in	68	69				
20	7 am	247.60	2.6 in	68	69	20 Gal		67-5 ⁴⁵ am	62-3 Pm
21	7 am	247.37	2.6 in	64	69			63-6 ⁴⁵ am	
22	7 am	247.46	2.0 in	70	69			65-6 am	63-3 Pm
23	7 am	247.50	0.6 in	62.06	69			65-5 ⁵⁰ am	63-3 Pm
24	7 am	247.75	2.0 out	61.25	69			61-5 ⁵⁰ am	47-2 Pm
25	7 am	248.10	2.0 out	60.35	69	40 Gal		61-5 ⁴⁵ am	47-9 am

April
1931

	Time	Gage Height	Evap Cups	Bar Temp	Rain	Leaf Temp	Leakage	
26	7 am	248.34	1.0 out	64	.13	67		61-7 ¹⁵ am 47-3 pm
27	7 am	248.54	4.8 out	62	.71	67		61-6 ^N am 47-3 pm
28	7 am	248.71	1.0 in	64		67		61-6 am 48-3 ³⁰ pm
29	7 am	248.88	2.0 in	66		68		61-5 ⁴⁰ am
30	7 am	248.86	1.6 in	66		69		
May 1	7 am	248.81	1.6 in	66		69	60 Gal	62-6 ²⁰ am

Premier 1432654 00
 Redwood 28554 00
 16" Line 231815 00
 Gage 248.81
 Leakage 60 Gal mi

May
1931

	Time	Gage Height	Evap Cups	Rain Low Temp	Leakage		
1	7 am	248.81	1.6 in	69	60 Gal/mi	62-6 ²⁰ am	49-3 Pm
2	7 am	248.77	1.4 in	69			
3	7 am	248.81	1.5 in	69		62-6 ⁵⁰ am	47-3 ¹⁵ Pm
4	7 am	248.84	3.3 in	70		62-5 ⁴⁰ am	61-1 ³⁰ Pm
5	7 am	248.80	1.0 in	70		62-10 am	
6	7 am	248.77	2.6 in	71		47-3 Pm	
7	7 am	248.74	0.8 in	71		63-6 am	48-3 Pm
8	7 am	248.70	2.0 in	71		63-6 am	
9	7 am	248.61	2.0 in	71		67-12 ^{noon}	64-5 Pm
10	7 am	248.50	2.0 in	72	60 Gal/mi	63-3 Pm	
11	7 am	248.41	1.4 in	72		65-6 am	63-3 Pm
12	7 am	248.26	2.0 in	72		65-6 am	62-3 ¹⁵ Pm
13	7 am	248.16	2.0 in	72		63-6 am	64-3 Pm
14	7 am	248.10	2.8 in	73			
15	7 am	248.03	1.7 in	73		48-3 Pm	
16	7 am	248.02	1.0 in	73		64-6 am	
17	7 am	248.05	1.6 in	73		62-7 ¹⁵ am	
18	7 am	248.13	1.6 in	73	60 Gal/mi	66-6 am	64-3 Pm
19	7 am	248.09	1.8 in	73		64-6 am	63-3 Pm
20	7 am	247.97	3.0 in	73		68-6 am	64-3 Pm
21	7 am	247.86	2.0 in	74		66-6 am	69-8 ²⁰ am 63-3 ³⁰ Pm
22	7 am	247.68	2.4 in	74			
23	7 am	247.55	2.8 in	74		64-5 ⁴⁵ am	
24	7 am	247.50	3.0 in	74		65-6 am	64-3 Pm
25	7 am	247.49	1.00 in	37 74		67-6 am	63-3 Pm

May
1931

	Time	Gage Height	Evap Cups	Rain mm	Temp	Leakage
26	7 am	247.55	3.0 mm	72	74	47-3 ³⁰ Pm
27	7 am	247.74	1.0 in		74	64-6 am 47-3 Pm
28	7 am	247.85	1.0 in		74	62-6 am 47-3 Pm
29	7 am	247.99	2.0 in		74	62-6 am 47-3 Pm
30	7 am	248.17	2.8 in		74	60 Gage 62-6 am
31	7 am	248.35	2.0 in		75	
June 1	7 am	248.44	2.5 in		75	61-6 ³⁰ am

Premier 144607400
 Redwood 0770900
 16' Linc 23626500
 Gage 248.44
 Leakage 60 Gae per min

June
1931

	Time	Gage Height	Evap Cups	Rain Total Temp	Leakage
1	7 am	248.44	2.5 in	75	
2	7 am	248.45	2.0 in	76	
3	7 am	248.45	2.0 in	74	
4	7 am	248.25	2.0 in	75	
5	7 am	248.14	2.0 in	74	
6	7 am	248.05	2.0 in	74	
7	7 am	247.94	2.0 in	74	
8	7 am	247.84	2.0 in	.02 74	
9	7 am	247.79	2.0 in	74	
10	7 am	247.73	2.0 in	74	
11	7 am	247.70	3.0 in	74	
12	7 am	247.61	2.0 in	74	
13	7 am	247.55	2.0 in	75	
14	7 am	247.58	2.0 in	75	
15	7 am	247.67	3.0 in	76	
16	7 am	247.65	3.0 in	75	
17	7 am	247.60	3.0 in	75	
18	7 am	247.50	3.0 in	75	
19	7 am	247.34	2.0 in	76	
20	7 am	247.20	2.0 in	76	
21	7 am	247.12	3.0 in	76	
22	7 am	247.15	3.0 in	76	
23	7 am	247.03	2.6 in	78	
24	7 am	246.88	3.0 in	78	
25	7 am	246.75	3.0 in	01 78	

61-6 ³⁰ am	60-1 ³⁰ Pm	
61-6 ³⁰ am	62-7 Pm	
62-6 am	62-7 am	
68-6 am	70-10 am	62-3 ³⁰ Pm
65-6 am	69-7 am	68-8 am 62-1 ³⁰ Pm
66-6 am		
65-7 am		
70-6 am	53-3 Pm	
69-6 am	57-7 am	51-8 am 59-4 Pm
64-6 am	61-3 ³⁰ Pm	
61-6 am	63-3 Pm	65-5 Pm
67-6 am	64-1 Pm	
68-6 am	50-3 Pm	
64-7 am	51-3 Pm	
65-6 am	51-11 am	
66-6 am	51-3 ³⁰ Pm	
67-6 am		
66-6 am	65-3 Pm	66-4 Pm
70-6 ³⁰ am	65-3 Pm	66-4 Pm
68-6 am	64-3 Pm	
64-6 am		
65-6 am		
65-6 am	66-7 am	64-5 Pm
67-6 am	66-3 Pm	
70-5 ³⁰ am	65-3 Pm	66-7 ³⁰ Pm

June
1931

	Time	Gage Height	Evap Cups	Rain Rate Temp	Leakage
26	7 am	246.35	2.0 in	78	68-6 am 65-3. Pm
27	7 am	246.30	3.0 in	79	68-6 am 66-3 Pm
28	7 am	246.23	3.0 in	80	66-6 am
29	7 am	246.25	3.0 in	80	66-6 am 51-3 ³⁰ Pm
30	7 am	246.28	3.0 in	80	66-6 am
July, 1	7 am	246.25	3.0 in	80	68-6 am 65-3 Pm

Perimeter 149801100
 Redwood 1816200
 16' line 24245200
 Gage 24625
 Leakage 30 Gac

July
1931

	Time	Gage Height	Trap Cups	Rain Rate	Temp	Leakage
1	7 am	246.25	3.0 in	80		68-6 am 65-3 pm
2	7 am	246.22	3.0 in	80		68-6 am 30-8 am 20-5 pm 51-7 ³⁰ pm 65-10 pm
3	7 am	246.19	3.0 in	80		66-6 am 67-12 ^{noon}
4	7 am	246.13	2.0 in	80		66-7 ³⁰ am
5	7 am	246.22	3.0 in	80		
6	7 am	246.29	2.0 in	80		65-6 am 64-3 pm 0-6 ⁴⁵ pm 52-11 ³⁰ pm
7	7 am	246.31	2.0 in	80		65-2 ⁴⁵ am 24-6 ¹⁵ am 68-12 ^{noon} 65-3 pm
8	7 am	246.25	4.3 in	80		67-6 am 65-3 pm
9	7 am	246.07	2.0 in	80	30 Gal	67-6 am 65-3 pm
10	7 am	246.00	3.0 in	80		69-6 am 66-3 ³⁰ pm
11	7 am	245.90	2.8 in	80		69-6 am 65-3 ³⁰ pm
12	7 am	245.88	3.0 in	80		67-6 am 65-4 pm
13	7 am	245.95	2.2 in	80	30 Gal	69-6 am 65-3 pm
14	7 am	245.85	3.0 in	80		66-6 am
15	7 am	245.80	5.0 in	80		67-7 ¹⁵ am 65-3 ³⁰ pm
16	7 am	245.70	1.0 in	80		67-6 am 65-3 ³⁰ pm
17	7 am	245.63	2.0 in	80	30 Gal	
18	7 am	245.52	2.0 in	80		66-1 ⁵⁰ pm 65-4 pm
19	7 am	245.51	3.0 in	80		
20	7 am	245.65	3.0 in	80		67-6 am 66-3 ³⁰ pm
21	7 am	245.55	2.6 in	80	30 Gal	65-3 ³⁰ pm
22	7 am	245.51	2.6 in	80		67-6 am 65-3 pm
23	7 am	245.45	2.4 in	80		67-6 am 65-3 pm
24	7 am	245.35	2.0 in	81		67-5 ³⁵ am 65-3 pm
25	7 am	245.20	3.6 in	81	30 Gal	

July
1931

	Time	Gage Height	Trap Cups	Rain Gage	Temp	Leakage
26	7 am	245.10	2.0 in		81	50-10 am 52-4 Pm
27	7 am	245.20	4.0 in		81	51-6 am
28	7 am	245.14	2.8 in		81	60-6 am 65-4 ¹⁵ Pm
29	7 am	244.99	3.0 in		82	70-6 am 65-3 ³⁰ Pm
30	7 am	244.75	3.6 in		82	64-8 am
31	7 am	244.58	2.8 in		82	30 the rd 66-6 am 64-3 ³⁰ Pm
Aug 1	7 am	244.46	1.6 in		82	64-7 am

Premier 155144400
 Redwood 4185200
 16' Line 25291800
 Gage 24446
 Leakage 30 the rd

J August
1931

	Time	Gage Height	Soap Cups	Rain Rate	Temp	Leakage			
1	7 am	244.46	1.6 in	81	30 Gal	64-7 am			
2	7 am	244.39	4.0 in	81					
3	7 am	244.41	3.0 in	81					
4	7 am	244.32	2.0 in	80					
5	7 am	244.27	3.0 in	80		67-5 ⁴⁵ am	64-3 ³⁰ Pm		
6	7 am	244.20	2.0 in	80	30 Gal	67-5 ⁴⁵ am	64-3 ³⁰ Pm		
7	7 am	244.11	3.0 in	80	250 ⁺ Blue Stains in Lace	69-6 am	65-3 Pm		
8	7 am	244.00	2.0 in	80		68-6 am	65-3 ³⁰ Pm		
9	7 am	243.94	3.0 in	80		66-6 ³⁰ am			
10	7 am	243.99	2.8 in	80					
11	7 am	243.91	2.0 in	80					
12	7 am	243.90	2.0 in	80		65-7 ³⁰ am			
13	7 am	244.12	0.0	30	76	30 Gal	64-6 am	49-9 am	
14	7 am	244.37	2.0 out	07	76		62-6 am	46-1 Pm.	
15	7 am	244.79	0.6 am	10	76		61-5 ³⁰ am	46-1 Pm	44-3- Pm
16	7 am	245.15	1.6 in	76			60-6 am		
17	7 am	245.51	2.8 in	76			65-6 am	60-3 Pm	
18	7 am	245.35	2.6 in	76			64-6 am	63-3 ³⁰ Pm	
19	7 am	245.50	3.0 in	76			68-6 am	67-1 Pm	63-3 Pm
20	7 am	245.56	2.4 in	78			68-6 am	63-3 ³⁰ Pm	
21	7 am	245.60	2.0 in	78					
22	7 am	245.65	3.0 in	79	30 Gal		64-6 am	63-3 Pm	
23	7 am	245.79	2.8 in	80					
24	7 am	245.97	3.0 in	80					
25	7 am	246.00	2.8 in	80			66-6 am	64-3 Pm	

August
1931

	Time	Gage Height	Trap Caps	Rain	Temp	Leakage
26	7 am	245.94	3.0 in	81		63-3 Pm
27	7 am	246.00	3.0 in	81		66-6 am 64-3 Pm
28	7 am	246.02	2.0 in	81		61-3 Pm
29	7 am	246.10	2.0 in	06 81		
30	7 am	246.27	2.0 in	80		60-3 Pm
31	7 am	246.51	2.0 in	80		
Sept 1	7 am	246.65	2.0 in	81	42 Gal	64-5 th am

Premier 160660800
 Redwood 5188200
 16" Line 26137400
 Gage 246.65
 Leakage 42 Gal mi

7
September
1931

	Time	Gage Height	Evapn Cups	Rain LAKE TEMP	LEAKAGE		
1	7 am	246.65	2.0 in	81	42 Gal	64-5 ⁴⁰ am	64-7 am 63-3 Pm
2	7 am	246.75	2.0 in	80		67-5 ³⁰ am	63-3 Pm
3	7 am	246.80	2.0 in	02 79		65-6 am	61-3 Pm
4	7 am	246.93	2.0 in	78		63-9 ³⁰ am	
5	7 am	247.00	1.8 in	78	2 Leakers 1/2 day		
6	7 am	247.06	2.6 in	78			
7	7 am	247.22	2.0 in	78	60 Gal		
8	7 am	247.32	2.0 in	78			
9	7 am	247.30	3.0 in	78			
10	7 am	247.21	3.4 in	77		65-6 am	63-3 Pm
11	7 am	247.12	3.0 in	76	60 Gal	66-6 am	63-3 Pm
12	7 am	247.00	2.0 in	76		67-5 ³⁰ am	63-3 Pm
13	7 am	246.94	2.0 in	76			
14	7 am	246.95	1.8 in	76		67-6 am	63-3 Pm
15	7 am	246.82	2.0 in	75		65-6 am	63-3 Pm
16	7 am	246.70	3.0 in	74		70-6 am	63-3 Pm
17	7 am	246.60	1.0 in	74		69-5 ⁴⁵ am	63-3 Pm
18	7 am	246.65	1.6 in	74	60 Gal in	68-5 ⁴⁰ am	63-3 Pm
19	7 am	246.65	1.6 in	74		66-5 ³⁰ am	63-3 Pm
20	7 am	246.70	2.6 in	74			
21	7 am	246.84	2.0 in	73		66-6 am	63-3 Pm 20-7 ³⁰ Pm 63-10 ³⁰ Pm
22	7 am	246.83	2.0 in	73		66-6 am	63-3 Pm
23	7 am	246.77	3.8 in	73		66-6 am	63-3 Pm
24	7 am	246.70	1.0 in	73			
25	7 am	246.66	1.6 in	74		50-7 am	51-3 ³⁰ Pm

September
1931

	Time	Gage Height	Evap Cups	Rain Lake Temp	Leakage	
26	7 am	246.74	1.6 in	74	60 Gal/min	53-5 ⁴⁵ am 48-3 pm
27	7 am	246.85	2.0 in	75		
28	7 am	247.01	1.6 in	75		61-5 ³⁰ am
29	7 am	247.06	2.0 in	74		
30	7 am	247.03	2.0 in	74		64-6 am 61-3 pm
oct 1	7 am	246.82	1.0 in	74	60 Gal	61-7 am

Premier 165499300
 Redwood 6084700
 16" Line 26835700
 gage 246.82
 Leakage 60 Gal/min

October
1931

	Time	Gage Height	Soap Cups	Rain Gage Temp	Lead Temp	
1	7 am	246.82	1.0 in	74	60 Gal	61-7 am
2	7 am	246.95	1.0 in	31 74		64-5 ⁵⁰ am 61-3 Pm
3	7 am	247.05	1.0 in	74		64-5 ⁴⁵ am 61-3 Pm
4	7 am	247.10	2.0 in	74	60 Gal	
5	7 am	247.22	2.0 in	74		
6	7 am	247.25	1.0 in	74		62-5 ⁴⁰ am 61-3 Pm
7	7 am	247.30	2.0 in	74		
8	7 am	247.32	2.0 in	74	60 Gal	
9	7 am	247.37	1.8 in	74		63-5 ⁴⁵ am 62-3 Pm
10	7 am	247.43	1.0 in	74		
11	7 am	247.50	2.0 in	70		
12	7 am	247.60	1.0 in	70		62-6 am 61-3 Pm
13	7 am	247.64	2.0 in	70		62-6 am 63-3 Pm
14	7 am	247.62	1.0 in	70		65-6 am 63-3 Pm
15	7 am	247.62	1.0 in	70		
16	7 am	247.60	1.8 in	70	40 Gal	65-6 am 63-3 Pm
17	7 am	247.55	1.4 in	70		65-6 am 63-3 Pm
18	7 am	247.59	1.0 in	69		
19	7 am	247.80	2.0 in	30 69		61-8 ³⁰ am 60-3 Pm
20	7 am	247.95	1.0 in	10 69		
21	7 am	248.00	2.0 in	68		
22	7 am	247.85	1.0 in	68		
23	7 am	247.60	1.0 in	67		
24	7 am	247.30	1.0 in	66	30 Gal	61-2 Pm
25	7 am	246.95	1.0 in	66		60-6 ⁴⁵ am

October
1931

	Time	Gage Height	Evap Cups	Rain Date	Temp	Leakage
26	7 am	246.80	1.0 in		66	
27	7 am	246.65	1.0 in		66	
28	7 am	246.53	1.0 in		66	
29	7 am	246.45	2.0 in		66	63-6 am 62-3 PM
30	7 am	246.30	2.0 in		66	65-5 ⁴⁵ am 62-3 PM
31	7 am	246.12	1.6 in		66	67-5 ⁴⁵ am 62-3 PM
Nov 1	7 am	245.99	1.0 in		66	67-7 am

Premier 168779000
 Redwood 6656300
 16" Line 27442300
 Gage 245.99
 Leakage 30 Gal mi

Nov 1931

	Time	Page Height	Trap Cups	Rain	Leafy dump	Leavylage			
1	7 am	24599	1.0 in	66	30 Gal	62-7 am			
2	7 am	24600	1.6 in	66		63-6 am	65-3 Pm		
3	7 am	24590	1.4 in	66		62-2 Pm			
4	7 am	24588	1.0 in	66		63-6 am	62-3 Pm		
5	7 am	24590	1.0 in	66					
6	7 am	24595	1.4 in	66		61-1 Pm			
7	7 am	24600	1.0 in	66					
8	7 am	246.26	7.0 out	97 66	30 Gal	59-7 am	47-9 ³⁰ am		
9	7 am	246.60	=	66		20-6 am			
10	7 am	246.91	=	66		46-6 am	0-6 ³⁰ am	46-11 am	44-9 Pm
11	7 am	247.15	1.8 out	65		42-3 Pm			
12	7 am	247.41	=	42 65		59-3 Pm			
13	7 am	247.40	=	64	30 Gal	58-2 Pm			
14	7 am	247.31	1.0 in	64		59-8 am	59-2 Pm	47-3 ¹⁵ Pm	
15	7 am	247.25	=	64					
16	7 am	247.25	7.8 out	100 64		40-3 Pm			
17	7 am	247.15	=	61		43-6 am	44-2 Pm		
18	7 am	247.00	=	62		46-7 ³⁰ am	59-2 Pm		
19	7 am	246.85	1.0 in	61		57-8 ¹⁵ am			
20	7 am	246.69	1.4 in	61		58-8 am	46-2 Pm		
21	7 am	246.60	1.2 out	10 61	30 Gal	44-6 ³⁰ am			
22	7 am	246.45	1.4 out	30 61					
23	7 am	24630	1.0 in	61		45-6 am	58-7 am	59-3 Pm	
24	7 am	246.10	=	60					
25	7 am	245.96	1.6 in	60		60-6 ¹⁵ am			

Nov
1931

	Time	Gage Height	Trap Cups	Rec'd Saw Jump	Leadage		
26	7 am	245.80	1.0 in		60	44-11 am	46-4 ⁴⁵ Pm
27	7 am	245.75	2.0 cur	31.57			
28	7 am	245.78	6.0 cur	65.54	30 Gal		
29	7 am	245.70	=	54		20-1 Pm	
30	7 am	245.75	1.0 in	54		46-6 am	60 4 ⁴⁵ Pm
Dec 1	7 am	245.70	=	54	30 Gal	60-6 ³⁰ am	

Premier 169277400
 Redwood 0175600
 16" Linc 27654000
 Gage 24570
 Leadage 30 Gal mi

JEC
1931

	Time	Gage Height	Evap Cups	Recor Leakage	Leakage	
1	7 am	245.70	=	53	30 Gal	58-11 am
2	7 am	245.65	1.0 in	53		60-6 am 59-1 ³⁰ Pm
3	7 am	245.60	1.0 in	53		20-12 ⁴⁵ am 46-1 Pm
4	7 am	245.65	1.0 in	53		59-6 am
5	7 am	245.60	0.6 in	53		58-1 Pm
6	7 am	245.60	1.0 in	53		46-6 am
7	7 am	245.70	1.0 in	53	30 Gal	
8	7 am	245.77	=	53		
9	7 am	246.35	2.4 out	234 53		49-6 am 59-3 Pm
10	7 am	246.48	=	53		
11	7 am	246.50	=	53	30 Gal	58-8 am
12	7 am	246.55	2.0 out	17 53		46-1 ³⁰ Pm
13	7 am	246.60	=	53		
14	7 am	246.73	0.8 in	53		
15	7 am	246.93	6.2 out	69 52		20-2 Pm
16	7 am	247.05	=	52		46-6 ¹⁵ am
17	7 am	247.00	=	52	30 Gal	45-1 Pm
18	7 am	247.04	1.0 in	52		16-7 ³⁰ am 45-3 ³⁰ Pm
19	7 am	247.09	=	52		0-5 ⁴⁵ am 20-4 Pm 58-5 ⁴⁵ Pm
20	7 am	247.09	=	52		20-6 am 0-10 am 45-5 ³⁰ Pm 50-8 ³⁰ Pm
21	7 am	247.09	=	53		45-7 am
22	7 am	247.06	3.0 out	28 52		
23	7 am	247.00	=	52		58-7 ⁴⁵ am
24	7 am	246.90	=	52		
25	7 am	246.80	0.6 in	52		45-3 Pm

Dec
1931

	Time	Gage Height	Evap Cups	Water Inlet	Water Outlet	Leakage
26	7 am	246.76	=	25.52		
27	7 am	246.70	=	52	30 Gal	
28	7 am	246.70	=	15.52		15- 3 PM
29	7 am	247.38	1.7 out	1.47	52	45- 7 ¹⁵ am 15- 8 am 45- 2 ³⁰ PM
30	7 am	247.35	=	52		
31	7 am	247.15	=	52	30 Gal	15- 3 PM
Jan 1932 1	7 am	247.10	1.0 out	09.52		45- 6 ¹⁵ am

Premier 169296600
 Redwood 1414200
 16' line 27683700
 Gage 24710
 Leakage 30 Gal mi

Jan
1932

	Time	Gage Height	Scap Cups	Rain	Lake	Leakage	
1	7 am	247.10	=	09	52	30 Gal	45- 6 ¹⁵ am
2	7 am	247.01	=	35	54		44- 8 ³⁰ am
3	7 am	247.00	4.8 out	28	54		45- 8 am
4	7 am	246.89	=		54		58- 7 ⁴⁰ am
5	7 am	246.74	=		54		
6	7 am	246.50	1.0 in		54		45- 2 Pm
7	7 am	246.30	0.6 in		54	30 Gal	
8	7 am	246.25	1.0 in		54		58- 6 am
9	7 am	245.99	=		54		
10	7 am	245.90	0.4 in		54		
11	7 am	245.83	=		52		
12	7 am	245.73	=		52		45- 8 am 44- 5 Pm
13	7 am	245.75	1.8 out	22	52		46- 2 Pm
14	7 am	245.73	=	15	52		49- 8 am
15	7 am	245.75	3.0 out		52		64- 5 ³⁰ am 21- 7 ³⁰ am 64- 11 am 58- 1 Pm
16	7 am	245.66	1.0 out	41	52		
17	7 am	245.60	0.5 in		52	30 Gal	
18	7 am	245.60	1.0 in		52		59- 1 ⁴⁵ Pm
19	7 am	245.60	=		52		45- 11 Pm
20	7 am	245.43	=	01	52		
21	7 am	245.40	=		52		54- 7 ³⁰ am
22	7 am	245.39	1.0 in		52		
23	7 am	245.40	=		52		
24	7 am	245.36	1.0 in		52		45- 7 ³⁰ Pm
25	7 am	245.40	1.0 in		52		

Jan
1932

	Time	Gage Height	Soap Cups	Rain	Take	Leakage	
26	7 am	245.45	1.0 in		52		46- 1 Pm
27	7 am	245.49	-	03	52	30 Gal	59- 3 Pm
28	7 am	245.50	1.0 in		52		46- 8 ¹⁰ Am
29	7 am	245.40	-		52		
30	7 am	245.25	1.0 in		52		
31	7 am	245.16	=		52		59- 7 ³⁰ am 60- 3 ¹⁵ Pm
Feb 1	7 am	245.32	=	1.03	52		60- 7 am

Premier 169809500
 Redwood 2708700
 16' Line 27683700
 gage 245.32
 Leakage 30 Gal

8 Feb 1932

	Time	Gage Height	Soap Cups	Rain Last Temp	Leakage	
1	7 am	245.32	10. out	103 52	30 Gal	60 - 7 am 59 - 3 ²⁰ Pm
2	7 am	245.49	5.8 out	55 52		
3	7 am	245.55	=	52		47 - 2 Pm
4	7 am	245.60	1.0 in	52		
5	7 am	245.65	1.0 in	52	30 Gal	
6	7 am	245.70	=	52		59 - 6 ³⁰ am 60 - 3 ³⁰ Pm
7	7 am	245.72	1.0 out	.04 52	30 Gal	
8	7 am	245.77	5. out	.48 52		20 - 6 ¹⁵ am 60 - 7 ¹⁵ am
9	7 am	246.35	10. out	100 52		48 - 7 ¹⁵ am 51 - 9 ³⁰ am 54 - 5 ¹⁵ Pm
10	7 am	246.75	=	42 53		
11	7 am	246.60	3.0 out	54		47 - 6 ³⁰ am
12	7 am	246.46	0.7 in	54		60 - 6 ³⁰ am
13	7 am	246.26	0.7 in	54	30 Gal	59 - 2 ¹⁵ Pm
14	7 am	246.30	9.0 out	.75 54		46 - 7 am
15	7 am	246.75	2.0 out	.45 54		58 - 7 am 59 - 12 ^{noon}
16	7 am	246.95	12. out	.80 54		46 - 1 ³⁰ Pm
17	7 am	247.98	4.0 out	.97 54	30 Gal	
18	7 am	247.85	=	54		59 - 6 ¹⁵ am
19	7 am	247.70	=	54		
20	7 am	247.52	0.6 in	54		
21	7 am	247.32	1.0 in	54		60 - 8 am 46 - 1 ³⁰ Pm
22	7 am	247.19	0.2 in	55		
23	7 am	247.10	0.4 in	56		60 - 1 ³⁰ Pm
24	7 am	247.00	0.5 in	56		
25	7 am	246.94	0.5 in	58	30 Gal	

8 Feb
1932

	Time	Gage Height	Soap Cups	Rain Bar Temp	Leakage
26	7 am	246.90	1.0 in	59	47- 2 pm
27	7 am	246.90	1.4 in	59	19- 7 th am
28	7 am	247.00	1.0 in	60	
29	7 am	247.10	.6 in	60	30 Gal 48- 6 am
Mar 1	7 am	247.10	.6 in	60	48- 7 am

Premier 169968000
 Redwood 3830800
 16" Line 29687800
 Gage 24710
 Leakage 30 Gal per mi

81 Mch
1932

	Time	Age Height	Evap Anps.	Rain	Lake Temp	Storage		
1	7 am	247.10	0.6 in		60	30 Gal	47-13° Pm	
2	7 am	247.10	0.9 in		60			
3	7 am	247.12	0.7 in		60			
4	7 am	247.15	=		60	40 Gal		
5	7 am	247.15	0.6 in		60		19-3 Pm	
6	7 am	247.20	0.7 in		60		47-8 ³⁰ am	
7	7 am	247.20	0.7 in		60	40 Gal	59-7 am	47-3 Pm
8	7 am	247.15	2.0 in		61			
9	7 am	247.10	=		61		59-6 ⁴⁵ am	47-3 Pm
10	7 am	247.15	1.0 in				59-6 ³⁰ am	47-3 Pm
11	7 am	247.25	1.0 in		62			
12	7 am	247.45	1.0 in		62	40 Gal		
13	7 am	247.70	1.0 in		62		59-6 ⁴⁵ am	47-3 Pm
14	7 am	247.50	1.0 in		62			
15	7 am	247.25	1.0 out	24	61			
16	7 am	247.09	=	21	61		59-5 ³⁰ am	47-3 Pm
17	7 am	246.85	0.4 in		61	40 Gal	59-6 am	47-3 Pm
18	7 am	246.65	0.8 in		61		59-6 am	47-3 Pm
19	7 am	246.30	1.0 in		61		59-6 am	47-3 Pm
20	7 am	246.20	0.6 in		61	40 Gal		
21	7 am	246.25	1.0 in		61		15-3 Pm	
22	7 am	246.55	1.0 in		60		47-6 am	59-11 ³⁰ am
23	7 am	246.75	1.8 in		60		49-3 Pm	
24	7 am	247.04	1.5 in		61	40 Gal	61-6 am	49-3 Pm
25	7 am	247.30	1.0 in		61		61-6 am	48-3 Pm

8
 Mark
 1932

	Time	Gage Height	Soap Cups	Rain date	Temp	Leakage
26	7 am	247.55	1.0 in		62	50-5 ³⁰ am
27	7 am	247.85	1.0 in		62	40 Gal 49-6 am
28	7 am	248.09	3.0 in		63	63-6 am 64-9 ⁴⁵ am 49-5 Pm
29	7 am	248.26	0.8 in		64	62-6 am 49-3 Pm
30	7 am	248.44	1.0 in		64	62-5 ³⁰ am 49-3 ³⁰ Pm
31	7 am	248.50	1.0 in		64	62-6 am 49-3 Pm
Apr 1	7 am	248.60	2.0 in		64	60 Gal 62-6 am

Premier 170021400
 Redwood 9375200
 16" Line 27822800
 Gage 248.60
 Leakage 60 Gal mi

April
1932

	Time	Gage Height	Soap Cups	Rain	Level Pump	Leakage	
1	7 am	248.60	2.0 in		64	60 Gal	62-7 am
2	7 am	248.63	2.0 in		64		48-12 ³⁰ Pm
3	7 am	248.70	1.0 in		65		61-3 Pm
4	7 am	248.80	1.0 in		65	--	60-3 Pm
5	7 am	248.82	2.0 in		66		
6	7 am	248.80	1.5 in		66		
7	7 am	248.80	1.5 in		67		61-1 Pm
8	7 am	248.80	2.0 in		67		64-5 ⁴⁵ am 60-3 ³⁰ Pm
9	7 am	248.78	2.0 in		67		67-5 ³⁰ am 62-3 ³⁰ Pm
10	7 am	248.72	3.0 in		68		66-6 am 65-12 ^{noon}
11	7 am	248.72	2.0 in		68		68-6 am 65-3 Pm
12	7 am	248.64	2.0 in		68		15-5 am 46-3 ³⁰ Pm
13	7 am	248.63	2.0 in		68		59-12 am 15-10 am 48-3 ⁰⁰ Pm
14	7 am	248.62	2.0 in		68		65-6 am 63-3 Pm
15	7 am	248.54	2.0 in		68		67-5 ⁴⁵ am 63-3 Pm
16	7 am	248.50	1.0 in		68		
17	7 am	248.51	2.0 in		68		62-8 am 60-3 Pm
18	7 am	248.60	2.0 in		68		49-6 am 48-3 Pm
19	7 am	248.59	2.0 in		67		62-6 am
20	7 am	248.50	2.2 in		67		
21	7 am	248.45	2.6 in		66		
22	7 am	248.40	1.0 in		65		
23	7 am	248.35	2.0 in		64	5 Gal sec	48-11 am 62-12 ¹⁵ Pm
24	7 am	248.30	1.8 in		64		49-3 Pm
25	7 am	248.40	0.6 in	.18	64		55-6 ³⁰ am 49-3 ³⁰ Pm

April
1932

	Time	Gage Height	Soap Cups	Rain	Level	Slump	Leakage
26	7 am	248.50	3.0 over	44	64		66 - 6 am 61 - 8 am
27	7 am	248.63	1.0 in	.13	64	5 Gal sec	48 - 8 am 14 - 3 Pm
28	7 am	248.85	1.0 in		64		54 - 6 am 49 - 3 Pm
29	7 am	248.90	2.0 in		65		52 - 6 am 64 - 7 ¹⁵ am 60 - 3 ³⁰ Pm
30	7 am	248.87	1.0 in		65	5 Gal sec	64 - 6 am 61 - 3 Pm
May 1	7 am	248.84	1.8 in		65		48 - 6 ³⁰ am

Premier 172410000
 Redwood 7874300
 16" Line 28411200
 Gage - 248.84
 Leakage 5 - Gal second

May
1932

	Time	Sage Height	Trap Cups	Rain	Soil Temp	Leafage	
1	7 am	248.84	1.8 in		65	5 1/2 in	48 - 6 ³⁰ am
2	7 am	248.89	1.6 in		65		62 - 5 ⁵⁰ am 60 - 3 Pm
3	7 am	248.80	3.4 in		65		62 - 6 am 61 - 3 ³⁰ Pm
4	7 am	248.45	2.0 in		65		64 - 5 ³⁰ am 60 - 3 ⁴⁵ Pm
5	7 am	247.98	2.0 in		65		
6	7 am	247.50	2.0 in		66		62 - 6 am 48 - 3 Pm
7	7 am	247.10	1.6 in		66		50 - 5 ⁴⁵ am 61 - 3 Pm
8	7 am	246.65	1.4 in		64		
9	7 am	246.25	2.0 in		64		62 - 6 am
10	7 am	245.70	2.0 in		66		64 - 6 am 61 - 3 Pm
11	7 am	245.60	2.0 in		68		64 - 5 ³⁰ am 60 - 3 ³⁰ Pm
12	7 am	245.65	2.0 in		70	V. deer Bait in	63 - 6 am 61 - 3 Pm
13	7 am	245.75	2.0 in		70	5 1/2 in	
14	7 am	245.85	2.0 in		70	5 5/8 ✓	
15	7 am	246.05	2.0 in		70	5 3/4 ✓	59 - 7 am
16	7 am	246.27	2.0 in		70	5 7/8 ✓	
17	7 am	246.48	2.0 in		70	5 7/8 ✓	60 - 6 am
18	7 am	246.65	2.0 in		71	5 7/8 ✓	
19	7 am	246.85	2.0 in		71	5 7/8 ✓	
20	7 am	247.05	2.6 in		72	5 7/8 ✓	59 1/2 7 ³⁰ am
21	7 am	247.15	2.8 in		72	5 7/8 ✓	60 1/2 5 ³⁰ am 59 1/2 - 3 Pm
22	7 am	247.30	2.8 in		72	5 7/8 ✓	
23	7 am	247.50	3.0 in		71	5 7/8 in	63 - 7 ³⁰ am 60 - 4 Pm
24	7 am	247.60	3.0 in		71	6 in	61 - 1 ³⁰ Pm
25	7 am	247.62	3.0 in		71	6 ✓	62 - 5 ³⁰ am

May 1932	Time	Gage Height	Trap Cups	Rain	Temp	Seepage
26	7 am	247.64	3.0 in		71	6 inches 61- 3 ³⁰ Pm
27	7 am	247.65	3.0 in		71	6 ✓ 63- 6 am 62- 3 ³⁰ Pm
28	7 am	247.65	2.0 in		71	6 ✓
29	7 am	247.71	2.0 in		71	6 ¹ / ₈ ✓
30	7 am	247.85	3.8 in		70	6 ¹ / ₄ ✓
31	7 am	247.90	2.0 in		70	6 ³ / ₈ ✓ 66- 6 am 62- 3 Pm
June 1	7 am	247.86	3.0 in		70	6 ³ / ₈ ✓ 63- 6 am

Premier 175892500
 Redwood 9355500
 16" line 28834000
 gage 247.86
 seepage 6³/₈ in

June
1932

	Time	Gage Height	Trap Cups	Rain	Water Temp	Headage			
1	7 am	247.86	3.0 in		70	6 ³ / ₈	63-6 am	62-3 ³⁰ Pm	
2	7 am	247.85	3.8 in			6 ³ / ₈	61-3 ¹⁵ Pm		
3	7 am	247.85	3.0 in			6 ¹ / ₂			
4	7 am	247.92	1.0 in			6 ³ / ₈	62-6 am	60-1 Pm	
5	7 am	248.00	1.0 in			6 ¹ / ₂	59-6 am	58-7 ³⁰ am	59-4 ³⁰ Pm
6	7 am	248.12	2.0 in			6 ¹ / ₂	61-6 am	60-3 ³⁰ Pm	
7	7 am	248.10	2.2 in			6 ¹ / ₂	61-6 am	60-3 ³⁰ Pm	
8	7 am	248.05	2.0 in			6 ⁵ / ₈	64-6 am	60-3 ³⁰ Pm	
9	7 am	248.00	3.0 in			6 ⁵ / ₈	62-6 ¹⁵ am	60-3 ³⁰ Pm	
10	7 am	247.94	3.0 in			6 ⁵ / ₈	62-6 am	60-2 ³⁰ Pm	
11	7 am	247.85	2.0 in			6 ⁵ / ₈			
12	7 am	247.88	2.0 in			6 ⁵ / ₈			
13	7 am	247.90	2.6 in			6 ⁵ / ₈	63-6 am	60-3 Pm	
14	7 am	247.90	2.0 in			6 ⁵ / ₈	67-6 am	60-3 Pm	
15	7 am	247.82	2.4 in			6 ⁵ / ₈	66-6 ¹⁵ am	60-3 Pm	
16	7 am	247.70	2.6 in			6 ⁵ / ₈	69-6 am	60-3 Pm	
17	7 am	247.65	3.0 in		72	6 ⁵ / ₈	65-6 am	60-3 Pm	
18	7 am	247.61	2.0 in		72	6 ⁵ / ₈	68-5 ³⁰ am	60-3 ³⁰ Pm	
19	7 am	247.65	2.0 in		72	6 ⁵ / ₈			
20	7 am	247.75	2.0 in		72	6 ³ / ₄	64-6 am	60-3 ³⁰ Pm	
21	7 am	247.71	3.0 in		76	6 ³ / ₄	64-5 ⁴⁵ am	60-3 ³⁰ Pm	
22	7 am	247.65	3.0 in		76	6 ³ / ₄	66-5 ³⁰ am	62-4 Pm	
23	7 am	247.62	3.0 in		76	6 ³ / ₄	64-6 am	60-3 ³⁰ Pm	
24	7 am	247.46	3.0 in		76	6 ³ / ₄	62-6 am	60-3 ³⁰ Pm	
25	7 am	247.21	3.0 in		76	6 ³ / ₄	18-5 ⁴⁵ am	20-12 ²⁰ Pm	59-6 ³⁰ Pm 48-10- Pm

June 1932	Time	Gage Height	Trap Cups	Rain	Leaf Lump	Leafage
26	7 am	247.10	1.8 in	76	6 ³ / ₄	59-11 am
27	7 am	247.05	3.0 in	76	6 ⁵ / ₈	
28	7 am	246.75	3.0 in	76	6 ⁵ / ₈	
29	7 am	246.47	2.0 in	76	6 ⁵ / ₈	
30	7 am	246.15	3.0 in	76	6 ¹ / ₂	
July 1	7 am	245.85	3.0 in	76	6 ³ / ₈	60-6 ³⁰ am

Premier	180622200
Redwood	1185800
16' Line	29830100
Gage	24585
Leafage	6 ³ / ₈

July
1932

	Time	Stage Height	Evap cups	Rain	Leaf Temp	Leafage		
1	7 am	245.85	3.0 in		76	6 ³ / ₈	60-6 ³⁰ am	58-3 Pm
2	7 am	245.70	3.0 in		76	6 ³ / ₈		
3	7 am	245.67	3.0 in		76	6 ³ / ₈		
4	7 am	245.55	2.4 in		76	6 ³ / ₈	59-3 Pm	
5	7 am	245.45	3.0 in		76	6 ³ / ₈	63-6 am	58-3 Pm
6	7 am	245.21	1.4 in		76	6 ³ / ₈	65-5 ³⁰ am	57-3 Pm
7	7 am	245.04	2.0 in		76	6 ³ / ₈	64-6 am	61-3 Pm
8	7 am	245.00	2.5 in		76	6 ³ / ₈	62-6 am	60-3 Pm
9	7 am	244.96	3.0 in		76	6 ¹ / ₂	61-6 am	59-3 ³⁰ Pm
10	7 am	245.03	2.0 in		76	6 ¹ / ₂		
11	7 am	245.17	2.0 in		76	6 ¹ / ₂	61-5 ³⁰ am	59-3 Pm
12	7 am	245.15	2.0 in		76	6 ¹ / ₂	61-6 am	59-3 Pm
13	7 am	245.10	3.0 in		76	6 ¹ / ₂	64-6 am	56-3 ³⁰ Pm
14	7 am	245.01	3.4 in		75	6 ¹ / ₂	62-6 am	56-3 Pm
15	7 am	244.97	2.4 in		74	6 ¹ / ₂	58-6 am	56-3 Pm
16	7 am	244.93	2.0 in		74	6 ³ / ₈	58-6 am	57-3 Pm
17	7 am	245.00	3.8 in		74	6 ³ / ₈		
18	7 am	245.09	2.0 in		75	6 ¹ / ₄	59-6 am	56-3 Pm
19	7 am	245.00	3.4 in		75	6 ¹ / ₄	58-6 am	56-3 ³⁰ Pm
20	7 am	244.96	2.4 in		75	6 ¹ / ₄		
21	7 am	244.98	3.6 in		75	6 ¹ / ₄	59-6 am	56-3 ³⁰ Pm
22	7 am	244.99	2.6 in		75	6 ¹ / ₄	57-8 am	
23	7 am	245.00	2.0 in		76	6 ¹ / ₄	58-6 am	15-9 ³⁰ am
24	7 am	245.09	3.0 in		76	6 ¹ / ₄	59-12 ¹⁵ Pm	
25	7 am	245.25	2.0 in		76	6 ¹ / ₄	58-3 Pm	

July
1932

	Time	Gage Height	Evap cups	Rain	Leakage		
26	7 am	245.20	3.0 in	76	6 1/4	61-6 am	58-3 Pm
27	7 am	245.19	3.0 in	76	6 1/4	61-6 am	58-3 ³⁰ Pm
28	7 am	245.15	3.0 in	76	6 1/4	60-6 am	58-3 Pm
29	7 am	245.12	3.0 in	76	6 1/4	60-6 am	57-3 Pm
30	7 am	245.15	3.0 in	76	6 1/4	56-3 ³⁰ Pm	
31	7 am	245.25	2.0 in	76	6 1/4		
July 1	7 am	245.40		72	6 1/2	56-6 ³⁰ am	

Premier 185647800
 Redwood 2710600
 16" Line 30845700
 Gage 245.40
 Leakage 6 1/4

Jan
1932

	Time	Gage Height	Evap Cups	Rain	Wind Dir	Temp	Clouds		
1	7 am	245.40	3.8 in		76	6 1/4	56-6 ³⁰ am		
2	7 am	245.44	3.0 in		76	6 1/4	60-6 am	56-3 Pm	
3	7 am	245.40	2.0 in		76	6 1/4	60-6 am	56-4 Pm	
4	7 am	245.36	3.8 in		76	6 1/4	58-6 am	57-3 ³⁰ Pm	10-5 ¹⁵ Pm 48-8 ³⁰ Pm
5	7 am	245.40	3.0 in		76	6 1/4	16-1 ⁴⁵ Pm	57-2 ¹⁵ Pm	
6	7 am	245.45	2.0 in		76	6 1/4			
7	7 am	245.55	2.0 in		76	6 1/4	56-8 am		
8	7 am	245.45	2.0 in		76	6 1/4			
9	7 am	245.46	3.0 in		76	6 1/4	58-6 am	57-3 ³⁰ Pm	
10	7 am	245.45	3.0 in		76	6 1/4	58-6 am	56-3 ³⁰ Pm	
11	7 am	245.40	2.0 in		76	6 1/4	57-6 am	56-3 Pm	57-5 ³⁰ Pm
12	7 am	245.32	3.0 in		76	6 1/4	58-6 am	57-3 Pm	
13	7 am	245.25	3.0 in		76	6 1/4	60-6 am	56-3 Pm	
14	7 am	245.27	1.8 in		75	6			
15	7 am	245.35	2.0 in		75	6	60-6 am	56-3 Pm	
16	7 am	245.30	2.0 in		75	6	59-5 ⁴⁵ am		
17	7 am	245.22	2.0 in		75	5 7/8	65-6 am	58-3 ³⁰ Pm	
18	7 am	245.15	3.0 in		75	5 3/4	66-6 am	58-3 ³⁰ Pm	
19	7 am	245.09	2.0 in		75	5 1/2	63-6 am	26-9 ⁴⁵ am	62-12 ¹⁵ Pm 56-3 Pm
20	7 am	245.05	3.0 in		75	5 1/2	59-6 am	56-3 Pm	
21	7 am	245.10	2.0 in		75	5 1/2	55-8 am		
22	7 am	245.20	3.0 in		76	5 1/2	59-6 am	56-3 Pm	
23	7 am	245.15	3.0 in		76	5 1/2	60-6 am	55-3 Pm	
24	7 am	245.10	2.0 in		76	5 1/2	60-6 am	55-3 Pm	
25	7 am	245.03	2.0 in		76	5 1/2	64-5 ⁴⁵ am	55-3 Pm	

Aug
1932

Time	Gage Height	Evap Cups	Rain	Temp	Wind	Cloudage
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26	7 am	244.95	3.0 in	76	5 1/2	57-6 am 56-3 Pm
27	7 am	244.88	3.0 in	76	5 1/2	57-6 am 56-3 Pm
28	7 am	244.94	2.0 in	75	5 1/2	55-8 am
29	7 am	245.10	2.0 in	74	5 3/8	64-6 am 58-3 ³⁰ Pm
30	7 am	245.10	1.6 in	74	5 1/8	57-3 Pm
31	7 am	245.06	2.0 in	74	5 1/8	58-10 am 59-2 ³⁰ Pm
Sept 1	7 am	245.01	2.0 in	74	5 1/8	58-7 am

Premier	190485200
Redwood	4687600
16" Luce	31835200
Gage	245.01
Cloudage	5 1/8

Sept
1932

	Time	Gage Height	Evap Cups	Rain date	Temp	Leakage
1	7 am	245.01	2.0 in	74	5 $\frac{1}{8}$	58-7 am
2	7 am	244.97	2.0 in	73	5 $\frac{1}{8}$	57-3 ³⁰ Pm
3	7 am	244.94	2.0 in	73	5	
4	7 am	244.94	2.0 in	73	4 $\frac{7}{8}$	
5	7 am	245.03	3.0 in	73	4 $\frac{7}{8}$	
6	7 am	245.12	2.0 in	73	4 $\frac{7}{8}$	
7	7 am	245.11	1.8 in	73	5	58-6 am 56-3 ^N Pm
8	7 am	245.05	1.7 in	73	5	57-6 am 56-3 Pm
9	7 am	245.02	1.8 in	73	5	57-6 am 56-3 Pm
10	7 am	244.98	2.0 in	74	5	58-7 ⁴⁵ am
11	7 am	245.03	2.0 in	74	5	
12	7 am	245.12	2.0 in	74	5	57-6 am 56-8 am 55-3 Pm
13	7 am	245.10	2.0 in	74	5	56-2 Pm
14	7 am	245.12	1.8 in	74	5	
15	7 am	245.14		74	5 $\frac{1}{8}$	60-6 am 56-2 ⁴⁵ Pm
16	7 am	245.10	3.0 in	74	5 $\frac{1}{8}$	60-6 am 55-3 Pm
17	7 am	245.10	2.6 in	74	4 $\frac{7}{8}$	60-6 am 56-3 Pm
18	7 am	245.20	1.0 in	74	4 $\frac{7}{8}$	57-6 am 56-3 Pm
19	7 am	245.35	2.0 in	74	4 ⁵ / ₈	60-6 am 56-3 Pm
20	7 am	245.40	1.8 in	74	4 $\frac{1}{2}$	60-6 am 55-3 Pm
21	7 am	245.45	1.8 in	74	4 $\frac{1}{8}$	59-6 am 56-3 ³⁰ Pm
22	7 am	245.44	2.0 in	74	4 $\frac{1}{8}$	63-6 am 56-3 Pm
23	7 am	245.40	2.0 in	74	4 $\frac{1}{4}$	59-6 am 60-1 Pm 57-3 Pm
24	7 am	245.40	1.8 in	74	4 $\frac{1}{4}$	58-6 am
25	7 am	245.45	2.0 in	74	4 $\frac{1}{8}$	66-6 ³⁰ am 57-2 Pm

Sept
1932

	Time	Gage Height	Evap Cups	Rain date	Temp	Leakage
26	7 am	245.64	2.0 in		74 4 ¹ / ₈	59-6 am 59-3 Pm
27	7 am	245.63	2.0 in		74 4 ¹ / ₈	59-6 am 56-3 Pm
28	7 am	245.64	2.0 in		74 4 ¹ / ₈	58-6 ³⁰ am 56-3 Pm
29	7 am	245.65	2.0 in		74 4	57-6 am 56-3 Pm
30	7 am	245.65	1.0 in		72 3 ³ / ₈	57-6 am
Oct 1	7 am	245.60	1.6 in		72 3 ³ / ₄	57-7 am

Premier	194	936800
Redwood	55	15200
16" Line	32	781000
Gage		245.60
Leakage	3 ³ / ₄	

Oct
1932

	Inch	Gage Height	Evap Cups	Rain	date Temp	Stage	
1	7 am	245.60	1.6 in		72	3 ³ / ₄	57-7 am
2	7 am	245.65	1.0 in		72	3 ³ / ₄	56-8 am
3	7 am	245.80	1.0 in		72	3 ⁷ / ₈	59-6 am 56-3 Pm
4	7 am	245.85	1.0 in		71	3 ⁷ / ₈	61-6 am 56-3 ³⁰ Pm
5	7 am	245.80	1.0 in		71	3 ⁷ / ₈	60-6 am 56-3 Pm
6	7 am	245.75	1.8 in		71	3 ⁷ / ₈	-
7	7 am	245.78	1.0 in		71	3 ³ / ₄	-
8	7 am	245.78	2.0 in		71	3 ³ / ₄	59-6 am 56-3 Pm
9	7 am	245.80	9	.13	71	3 ³ / ₄	-
10	7 am	246.10	19. out	1.99	70	3 ³ / ₄	54-3 Pm
11	7 am	246.15	0		70	3 ³ / ₄	55-3 Pm
12	7 am	246.05	0		70	3 ³ / ₄	20-6 am
13	7 am	245.95	1.0 in		69	3 ³ / ₄	46-6 am 55-7 ⁴⁵ am
14	7 am	245.75	1.0 in		69	3 ¹ / ₄	-
15	7 am	245.54	1.0 in		69	3 ¹ / ₄	56-3 Pm
16	7 am	245.30	1.8 in		69	3 ¹ / ₄	-
17	7 am	245.10	1.0 in		69	3 ¹ / ₄	
18	7 am	244.95	2.0 in		69	3.	
19	7 am	244.95	1.0 in		69	2 ¹ / ₂	46-12 ³⁰ Pm
20	7 am	244.80	2.0 in		67	2 ¹ / ₂	45-6 am 44-3 Pm
21	7 am	245.00	3.0 in		67	2 ⁵ / ₈	56-6 am
22	7 am	245.18	1.0 in		67	2 ³ / ₄	
23	7 am	245.18	2.0 in		67	2 ³ / ₄	
24	7 am	245.05	1.0 in		66	2 ³ / ₄	
25	7 am	244.90	3.0 in		66	2 ⁷ / ₈	

Oct 1932	Inice	Gage Height	Evap Cups	Rain	date Gage	Leakage
26	7 am	244.75	3.0 in	66	2 1/2	57-5 ³⁰ am
27	7 am	244.75	1.8 in	66	2 1/2	
28	7 am	244.69	1.0 in	66	2 1/2	
29	7 am	244.67	1.0 in	66	2 1/2	
30	7 am	244.79	1.0 in	65	2 1/2	56-8 am
31	7 am	244.90	1.0 in	65	2 7/8	45-10 am
Nov 1	7 am	245.00	1.0 in	65	2 7/8	45-8 am

Premier	196006200
Redwood	0674000
16" Line	32905000
gage	24500
Leakage	2 7/8

Nov
1932

	Time	Gage Height	Evap Cups	Rain	Gate Temp	Leakage	
1	7 am	245.00	1.0 in		65	2 ⁵ / ₈	45-8 am
2	7 am	244.95	1.0 in		65	2 ⁵ / ₈	56-5 ¹⁵ am 57-2 ³⁰ Pm
3	7 am	244.85	1.0 in		65	2 ⁵ / ₈	56-8 am
4	7 am	244.75	1.0 in		65	2 ⁵ / ₈	57-7 ⁴⁵ am
5	7 am	244.67	1.0 in		65	2 ¹ / ₂	46-10 ³⁰ am
6	7 am	244.75	1.0 in		64	2 ¹ / ₂	
7	7 am	244.80	1.5 in		64	2 ¹ / ₂	57-5 ⁴⁵ am 46-3 Pm
8	7 am	244.85	1.5 in		64	2 ³ / ₈	57-6 am
9	7 am	244.84	1.6 in		64	2 ³ / ₈	59-6 am 58-3 ³⁰ Pm
10	7 am	244.78	1.4 in		64	2 ³ / ₈	60-6 am 58-3 Pm
11	7 am	244.75	2.0 in		64	2 ³ / ₈	65-6 am 57-2 Pm
12	7 am	244.75	1.0 in		64	2 ³ / ₈	
13	7 am	244.74	2.0 in		64	2 ³ / ₈	48-6 am 46-2 Pm
14	7 am	244.85	1.0 in		64	2 ³ / ₈	58-6 am 57-3 Pm
15	7 am	244.90	1.0 in		64	2 ³ / ₈	58-6 am 57-3 ³⁰ Pm
16	7 am	244.85	1.0 in		64	2 ³ / ₈	58-6 am 47-3 Pm
17	7 am	244.85	0.6 in		62	2 ³ / ₈	60-6 am 57-3 Pm
18	7 am	244.75	1.0 in		62	2 ³ / ₈	60-6 am 58-3 Pm
19	7 am	244.65	1.0 in		62	2 ³ / ₈	60-6 am 49-3 ³⁰ Pm
20	7 am	244.66	2.0 in		62	2 ³ / ₈	58-3 Pm
21	7 am	244.85	2.0 in		62	2 ³ / ₈	64-6 am 47-3 Pm
22	7 am	244.90	1.0 in		62	2 ³ / ₈	50-6 am 48-3 ³⁰ Pm
23	7 am	244.85	1.0 in		62	2 ³ / ₈	59-5 ¹⁵ am 58-3 Pm
24	7 am	244.80	1.0 in		62	2 ¹ / ₄	59-6 ¹⁵ am
25	7 am	244.75	1.5 in		62	2 ¹ / ₄	58-3 Pm

Nov
1932

	Time	Gage Height	Evap Cups	Rain	Water Temp	Leakage		
26	7 am	244.74	1.5 in		62	2 1/4	59-6 am	58-4 ²⁰ Pm
27	7 am	244.69	1.0 in		62	2 1/4		
28	7 am	244.95	1.0 in		62	2 3/8	57-6 am	58-3 Pm
29	7 am	244.72	1.0 in		61	2 3/8	48-3 Pm	
30	7 am	244.75	1.0 in		61	2 3/8	58-6 am	51-2 Pm
Dec 1	7 am	244.80			61	2 3/8	51-7 ¹⁵ am	

Premium 19778100
 Redwood 9061900
 16" Line 33018900
 Gage 244.80
 Lens 2 3/8

Dec
1932

	Time	Gage Height	Evap Amp.	Rain	Baro Reading	Leakage			
1	7 am	244.80	1.0 in	.03	61	2 ³ / ₈	51-7 ¹⁵ am	50-1 ³⁰ Pm	48-2 Pm
2	7 am	244.75	1.0 in		61	2 ³ / ₈	51-6 am	48-3 Pm	
3	7 am	244.75	1.0 in		61	2 ³ / ₈	51-6 am	50-8 am	47-3 Pm
4	7 am	244.70	1.0 in		61	2 ³ / ₈	46-8 am		
5	7 am	244.72	1.0 in		61	2 ³ / ₈	56-2 Pm		
6	7 am	244.65	0.5 in		60	2 ³ / ₈	58-6 am	56-3 Pm	
7	7 am	244.65	0.5 in		60	2 ³ / ₈	59-6 am	56-3 Pm	
8	7 am	244.70	1.0 in		60	2 ³ / ₈	61-6 am	52-2 Pm	46-3 ³⁰ Pm
9	7 am	244.80	6.4 out	.07	60	2 ³ / ₈	48-6 am	45-3 Pm	
10	7 am	245.00	4.0 out	.54	60	2 ¹ / ₂	-		
11	7 am	244.90	1.0 out	.14	59	2 ¹ / ₂	-		
12	7 am	245.02	23.0 out	1.90	58	4 ¹ / ₂	48-1 Pm		
13	7 am	245.25	11.0 out	1.06	57	2 ⁵ / ₈	50-12 ³⁰ am	48-8 ³⁰ am	45-2 Pm
14	7 am	245.14	2.0 out	.34	57	2 ⁵ / ₈	15-6 am	46-8 am	
15	7 am	245.00	0.2 out	.02	57	2 ¹ / ₂	56-6 ³⁰ am		
16	7 am	244.80	-		56	2 ¹ / ₂	46-6 ³⁰ am	15-2 Pm	
17	7 am	244.69	1.0 in		54	2 ¹ / ₂	-		
18	7 am	244.65	0.4 in		54	2 ³ / ₈	46-6 ³⁰ am	45-3 Pm	
19	7 am	244.49	0.6 in		54	2 ³ / ₈	-		
20	7 am	244.31	0.4 in		53	2 ³ / ₈	44-2 Pm		
21	7 am	244.25	-		53	2 ¹ / ₄	45-6 am		
22	7 am	244.10	1.0 out	.12	52	2 ¹ / ₄	44-2 Pm		
23	7 am	243.97	1.0 in		52	2 ¹ / ₄	45-7 ¹⁵ am	14-2 Pm	
24	7 am	243.93	1.8 out	.22	52	2 ¹ / ₄	44-9 am		
25	7 am	243.80	1.0 in		51	2 ¹ / ₄			

Dec 1932	Tide	Gage Height	Evap Rise	Rain	Lake Level	Leadage
26	7 am	243.65	0.6 in		51 2 1/4	50 - 6 ³⁰ am 44 - 10 am 14 - 1 ¹⁰ Pm
27	7 am	243.60	0.6 in		52 2 1/4	44 - 9 am
28	7 am	243.45			52 2 1/4	14 - 6 am 44 - 1 Pm
29	7 am	243.25	1.0 in		52 2 1/4	14 - 7 ⁴⁵ am 44 - 2 ³⁰ Pm
30	7 am	243.10	1.0 in		52 2 1/8	14 - 2 ³⁰ Pm
31	7 am	243.00	1.0 in		52 2 1/8	44 - 10 am 48 - 2 Pm
Jan 1-33	7 am	242.80	1.0 in		52 2 1/8	17 - 6 ³⁰ am

Premier 19883600
 Redwood 1827700
 16' Line 33106200
 Gage 242.80
 Leak 2 1/8

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Comm

RUTH'S

BOBBY JOHNSON IS SUSPENDED

By RUSSELL J. NEWLAND
Associated Press Sports Writer
SAN FRANCISCO, July 3 (A.P.)—
The severest penalty in the four-year
existence of the state athletic commis-
sion was handed out today when
Ace Hudkins, Nebraska "wildcat," was
fined \$13,000 and Charley Belanger of
Winnipeg, Canada, \$1800, for putting
on a poor boxing contest here last
Friday night.

At the same time the commission
indefinitely suspended Bobby John-
son, San Francisco, who refereed the
match.

Drastic in their proportions, the
fines exceeded any others since boxing
was legalized in 1925. Four years ago
Sully Montgomery was fined \$1600 for
fouling George Godfrey in a bout in
Los Angeles.

Hudkins, a middleweight, and Bel-
anger, a light-heavyweight, each were
allowed training expenses, the former
\$2000, and Belanger \$1000. The bal-
ance of the purses were forfeited by
the state.

A statement by the commission, is-
sued over the name of William Han-
lon of Sacramento, chairman, said:

"In reaching this decision, it is only
fair to state that there is no evidence
whatever of collusion or anything
dishonest in any way. But it has been
very clearly shown that neither of the
contestants put forth his best efforts.

"It hardly is necessary to say that
this action is in the interest of clean
boxing and to protect the patrons of
the sport."

Managers of the two fighters an-
nounced they would take the matter
to the courts. Clyde Hudkins, brother-
manager of Ace, declared the action
of the commission was "farfical" and
that "such a penalty was unwarrant-
ed, in view of the fact that the
fighters were cleared of rumors of
fake fight and other reports of similar
nature."

The Hudkins - Belanger bout
was a listless affair and brought
down a storm of protest from
more than 8000 fans, who hurled
papers, programs and other litter
into the ring. Immediately after
the fight, the purses were
up.

Chairman Hanlon said
Referee Johnson bef

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AUTO INDEMNITY LAW EFFECTIVE AFTER AUG. 15

Mrs. B. B. Kelleher, Head of
Local Motor Vehicle Bu-
reau, Explains Measure.

With the announcement by Frank G. Snook, chief of the state division of motor vehicles that holders of operator's licenses issued before Jan. 1, 1927, must make applications and take examinations for new licenses after Aug. 14, some confusion arose whether drivers also will be required to take out indemnity insurance with their new licenses.

Mrs. B. B. Kelleher, chief of the local motor vehicle department explained yesterday that the new indemnity law provides that a driver's license shall be revoked if he has failed to pay indemnity as the result of an accident involving a fatality, personal injuries or property damage. It was explained that such a license continues to be revoked, even though indemnity has been paid until the driver has legally shown that he is capable of meeting another such emergency, either by insurance, bond or cash deposit.

The penalty for driving after a license has been revoked, or until ability to pay future indemnity has been proved, carries a penalty of one year's imprisonment or a fine of \$1000, or both, Mrs. Kelleher said.

Maximum indemnities fixed by the new law, according to Mrs. Kelleher, are \$5000 for the death or injury of one person; \$10,000 for the death or injury of two persons and \$1000 for property damage. The law goes into effect Aug. 15.

Snook explained that the new law affecting licenses permits the motor vehicle division to cancel all licenses outstanding two years or more and to require the issuance of new licenses. All operator's licenses issued after Aug. 14, next, will expire automatically in two years. Renewal may be made upon application and applicants are subject to examination as to their ability to drive and their knowledge of the motor vehicle act.

"Generally speaking," Snook said, "it will be our policy to cancel old licenses whenever this is deemed necessary by our examiners. This will enable us to clear up our files of such 'dead wood' and to get rid of persons who, in our opinion, create a hazard by driving on the public roads." Snook says.

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 1/2 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body

of table in same row and column gives distance from side stake to slope stake. If ground is not

IMPROVED TABLES

AND

INFORMATION

TABLE No. 2.

To find Tangent and External for curve of any other degree, divide by degree of curve and add correction found in column of correction.

Degree of curve with a given T may be found by dividing tangent, (or external), opposite T by given tangent, (or external).

The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius.

20.30	24	24	24
14	24	24	24
<u>24.10</u>	6.40	24	24
17	<u>78.40</u>	24	24
41	5	24	24
24	14	24	3
14	24	24	24
24	88	4.40	24
14	24	<u>4.50</u>	
24	6	24	5.15
14	24	70	19.2
38	24	24	.30
24	24	700	24
<u>14.10</u>	24	700	24
6.20	24	8.30	24
	23		
	<u>47</u>		.30
			8.10
			<u>9.20</u>

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