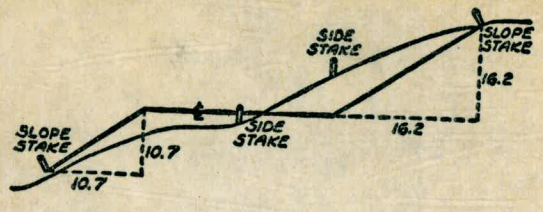
W 779 DUP
#1

Meteorological Station
San Pasqual Valley



Distances from Side Stakes for Cross-Sectioning

Slope 1 to 1. Roadway of Any Width

	0	.1	.2	.3	.4	.5	.6	.7	.8	9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 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 level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TRANSCRIP OF OBSERVATIONS to BE SENT QUARTERLY TO

MR. HARRY F. BLANEY
STATE RESEARCH SUPERVISOR
WESTERN SOIL and WATER MANAGEMENT SECTION
1509 POST OFFICE - COURT HOUSE
LOS ANGELES 12, CALIFORNIA

SENT	BY	COPY FILED
11-29-54	- ALICE	#6542-W
4-5-55	"	"
7-8-55	"	"
10-4-55	"	"
1-4-56	"	"
4-4-56	"	"
7-10-56	"	"

Original in field
Hodges Dam Keeper

LARRY:
SAN PASQUAL WIND READINGS ARE IN "MILES" OF WIND PER WEEK - CAN YOU USE THEM?

DON

I'll leave this here & tell Planning to expect 250-300 miles of wind per week. That should hold them for a while

Larry.

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	Degree of Curve													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	03	.06	09	13	16	19	.22	.25	.28	.31	34	38	42	.46
15°	04	10	14	19	24	.29	.34	.39	45	.51	.53	58	.63	.68
20°	06	.13	19	.26	.32	.39	.45	.51	.58	.65	.72	79	.84	.90
25°	.08	16	24	.33	40	49	.58	67	.75	.83	90	.99	1.06	1.14
30°	10	19	.29	39	49	.59	.69	79	.89	.99	1.09	1.20	1.29	1.39
35°	11	22	.34	47	.58	.69	.70	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	15	.30	44	60	76	91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	19	.38	.57	76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	23	46	.69	.93	1.16	1 40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	25	.51	76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	30	.61	91	1.22	1.53	1.84	2.15	2.46	2 78	3.10	3.44	3.78	4.12	4.46
85°	33	66	1.00	1.33	1.68	2.02	2.36	2 70	3.05	3.40	3.77	4.14	4.55	4 89
90°	36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	39	79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4 76	5.31	5 86	6.43	7 01	7 60
120°	62	1.25	1 93	2.52	3.16	3.81	4 45	5.11	5.77	6 44	7 12	7.80	8.50	9 22

FOR EXTERNALS ADD

Central Angle	Degree of Curve													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.023	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	036	.046	.056	.065	.074	.083	.093	.106	120	127	135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.711	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.985	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

(1)

* B.F. = before filling
A.F = after filling
B.L. = before lowering
A.L. = after lowering

1949

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperature Max	Temperature Min	Temperature Set	Wind Read	Wind Miles Diff	Wind Direction
		* B.F.	Into. (0.59)								
5-3	3:40P.	2.54	Tot. 1.56	0	(0.59)	79	40	65	631.9		S.W.
		* A.F. 0.87									
5-10	4:40P.	B.F. 2.76	1.89		1.89	89	37	66	920.9	289	S.W.
		A.F. 0.70									
				Raining Rains on 15-16-17							
5-17	3:40P.	1.04	0.34	+ 0.40	0.74	77	49	54	136.2	205.3	S.E.
5-18	12:30P.			0.05							
"				0.13							
5-24	4:00P.	B.F. 2.37	1.33		1.51	94	37	82	373.5	237.3	S.W.
		A.F. 1.05									
5-31	5:30P.	B.F. 2.88	1.83	0	1.83	84	48	65+	669.6	296.1	S.W.
		A.F. 0.71									
Into. to 12 mid night. 5-31			(0.08)		(0.08)						
Totals for May			6.06	0.58	6.64						
		B.F.	(2.01)								
June 7th	4.05P.	2.80	2.09		(2.01)	89	41	76	954.5	284.9	S.W.
		A.F. 0.73									

carry forward for June

* See page 1

1949

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperature Max.	Temperature Min.	Temperature Set	Wind Read	Wind Miles Diff.	Wind Direction
June 7th	4:05 P	Bf. 2.80 Af. 0.73	(2.01) 2.09		(2.01)	89	41	76	954.5	284.9	S.W.
June 14th	2:45 P.	2.79 Pan leaking	2.06		2.06	90	49	78	260.0	295.5	S.W.
June 21	3:40 P.					88	43	89	585.3	325.3	S.W.
June 28	3:50 P					98	53	73	845.3	260.0	S.W.
July 5	1:30 P.	New Pan being made				90	50	80	125.1	269.8	S.W.
July 12	1:30 P					88	42	85	409.6	284.5	S.W.
July 19	2:30 P					93	48	88	715.6	306.0	S.W.
July 26	2:10 P.					91	56	83	39.5	313.9	S.W.

1949.

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperature Max.	Temperature Min.	Temperature Set	Wind Read	Wind Miles Diff.	Wind Direction
8-2	3:30P	new PAN pinked A.F. 1.13				98	59	95	327.1	287.6	SW
		Set new pan							~~600.0~~	~~272.9~~	SW
8-5	10:30A	.04									
8-9	2:30 P	1.7 BF	1.26		1.26	96	58	85	~~600.0~~	272.9	SW
8-17	3:00P	.03 A.F. 2.8	2.50		2.50	92	58	85	890.0	290.0	SW
8-23	3:00P	.5 AF 2.3				98	45	85	104.7	204.7	SW
		.15 AF	1.80		1.80						
8-30	2:10	BL 0.5				100	51	98	336.4	235	SW
		AL 2.88	2.38		2.38						
Int'p. to 12 8-31	Midnight	AF 1.13	(0.38)		0.38						

1949

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperature Max.	Temperature Min.	Temperature Set	Wind Read	Wind Miles Diff.	Wind Direction
		BL 1.13	INT. (1.54)								
9-6	1:45P	AL 3.05	1.92		1.54	102	55	102	570.2	233.8	SW
		AF 1.15									
9-13	2:00	3.31	2.16		2.16	107	48	86	815.6	245.4	SW
		AF 1.00									
9-20	1:25	2.55	1.55		1.55	90	51	86	80.7	255.1	SW
		AF 1.08									
9-27	1:40	2.87	1.79		1.79	105	45	84	364.2	283.5	SW
		AF 1.00									
Intp. to 12 midnight 9-30			(0.73)		(0.73)						
Totals for September			7.77		7.77						
			(0.76)								
10-4	2:00	2.49	1.49		(0.76)	96	43	78	595.9	231.7	SW
		AF 1.11									
10-12	10:15	2.60	1.49		1.49	92	37	89	934.2	338.3	SW
		AF 1.00									
10-18	2:40	1.83	0.83	17-18 0.08	0.91	93	45	60	184.8	240.6	SW
		AF 1.55									
10-20				18-19 0.08							
10-25	1:45	2.58	1.03		1.11	90	28	86	432.4	247.6	NW
Intp. To 12 midnight Oct. 31		A.F. 1.43	(1.34)		(1.34)						
Totals for October			5.45	0.16	5.61						

1949

Date	Time	Hook Gage	Diff. (Intp. 0.12)	Rain	Evap.	Temperature Max	Temperature Min	Temperature Set	Wind Read	Wind Miles Diff.	Wind Direction
11-1	2:30	2.89	1.46		(0.12)	98	32	89	610.4	363.8	SW
		AF 1.41									
11-8	1:20	2.74	1.33	0.10	1.43	98	33	65	819.0	208.6	SW
		1.62									
11-10	12:40			0.93							
11-11	8:00			0.18							
11-11	2:00	1.60	-0.02		1.09	94	36	85	126.1	297.1	W
		1.60									
11-22	1:50	2.55	0.95		0.95	92	35	73	328.0	101.9	S.W.
		1.32									
11-29	1:00	2.02	0.70		0.70	91	32	83	477.3	149.3	SW
		1.23									
Intp. to midnight Nov. 30			(0.15)		0.15						
Totals for Nov.			4.23	1.21	4.44						

1949

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperature Max.	Temperature Minn.	Temperature Set	Wind Read	Wind Miles Diff	Wind
12-6-49	2:00PM.	1.95	Intl to (0.57) 0.72		0.57	86	29	68	659.6	182.3	W
		1.52									
12-13-49	3:30PM.	1.98	0.46	0.23	0.69	72	✓	63	61.8	293.2	S.W.
		1.50									
12-20-49	2:20PM.	0.97	-0.53	1.02	0.49	71	22	50	354.5	292.7	NW
12-27-49	2:15PM.	1.64	0.67		0.67	78	21	77	607.2	252.7	S.W
Intfl to midnight. 12-31-49	..		(0.22)		0.22						
Totals for Dec.			1.39	1.25	2.64						
1-3-50	2:00PM.	1.99	Intfl (0.13) 0.35	0.18	0.31	78	23	55	804.3	197.1	W
		1.58									
1-10-50	1:45PM.	1.53	-0.05	0.68	0.63	66	12	57	121.8	307.5	SW
1-17-50	2:40PM.	0.44	-1.09	1.42	0.33	69	29	66	354.1	232.3	S.W.
		2.02									
1-24-50	1:30PM.	2.48	0.46	0.02	0.48	79	36	56	532.2	178.1	W
1-31-50	2:45PM	2.03	0.45	0.92	1.37	67	20	56	813.3		N.W
Intfl to midnight 1-31			(-0.04)		-0.04						
Totals for January			0.21	3.22	3.12						

1950

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperature Max	Temperature Minn	Temperature Set	Wind Read	Wind Miles Diff.	Wind Direction
			Int. (0.68)								
2-7-50	1:45 P.M.	1.31	-0.72	1.18	0.50	75	27	63	212		W
2-14-50	1:45 P.M.	1.55	0.24	0.31	0.55	75	30	74	227.3	206.1	S.W.
2-21-50	1:30 P.M.	2.25	0.75		0.75	80	32	66	403.2	175.9	S.W.
2-28-50	1:30 P.M.	2.87	0.62	0.03	0.65	78	35	72	616.9	213.7	S.W.
		2.02									
Intpl	to midnight 2-28		(0.06)		006						
Totals	for Feb.		0.99	1.52	1.51						
			(0.64)								
3-7	1:30 PM	2.72	0.70	0.06	0.70	79	33	72	811.2	194.3	S.W.
		A.F. 2.00									
3-14	2:00 PM	2.94	094		0.94	72	25	65	552.3	231.1	S.W
		A.F. 1.30									
3-21	1:15 P.M.	2.33	1.03		1.03	79	33	76	293.1	240.8	S.W.
		1.44									
3-28	1:45 P.M.	1.27	-0.17	1.23	1.06	79	35	73	655.4	362.3	S.W
Int. to midnight 3-31			(0.57)		0.57						
Totals	for March		3.01	1.29	4.30						

1950

Date	Time	Hook Gage	Diff.	Rain.	Evap.	Temperature Max	Temperature Minn	Temperature Set	Wind Read	Wind Miles Diff	Wind Direction
4-4-50	2:30PM	2.44	Int (0.60) 1.17		0.60	87	37	71	864.7	209.3	S.W.
		A.F. 1.17									
4-11-50	2:15P.M.	1.91	0.74	4-9 0.40	1.14	81	33	74	153.6	278.9	W
		1.22									
4-18-50	2:20P.M.	2.94	1.72		1.72	91	33	82	421.5	267.9	S.W
		1.33									
4-25-50	2:10P.M.	243	1.10		1.10	85	52	69	705.4	283.9	S.W.
		1.17									
Int'pl'd to Midnight 4-30 - Totals for April			(0.61) 5.27	0.40	(0.61) 5.17						
5-2-50	2:15P.M.	1.95	Int'l (0.17) 0.78	0.06	0.23	72	47	66	9668	261.4	S.W
		1.19									
5-9	2:10 PM	2.63	1.44	0.10	1.54	85	30	80	348.8	372.0	S.W.
		1.03									
5-16	2:45 PM	2.80	1.77		1.77	88	33	62	658.7	309.9	S.W.
		1.38									
5-23	1:45PM	2.43	1.05	5-17(0.03) 0.08	1.13	79	37	69	934.4	275.7	S.W.
		1.17									
5-30	10:15AM	2.81	1.64		1.64	83	37	73	246.1	301.7	S.W.
		1.17									
Int'l to Midnight 5-31 Total for May			(0.44) 6.51	0.24	0.44 6.75						

DATE	TIME	HOOK GAGE	DIFF.	RAIN	EVAP	TEMPERATURE MAX.	TEMPERATURE MINN.	TEMPERATURE SET	WIND READ	WIND MILES DIFF	WIND DIRECTION
			Im'pld (1.52)								
6-6-50	1.45	3.13	1.96		1.52	86	53	65	610.0	363.9	S
		1.17									
6-13-50	2:30PM	3.03	1.86		1.86	88	35	73	941.0	331.0	S.W.
		0.94									
6-20-50	2:30PM	2.89	1.95		1.95	82	44	80	288.2	337.2	S
		0.77									
6-27-50	2:30PM	2.79	2.02		2.02	95	41	93	684.0	395.8	S.W
		0.87									
INT. TO Mid-NIGHT 6-30			(1.31)		1.31						
Total for June.			8.66.		8.66						
Int. from Mid-NIGHT 6-30			(1.29)								
7-4-50	2:00PM	3.47	2.60		1.29	100	40	90	90.3	306.3	S.W.
		0.83									
8 days 7-12-50	2:00PM	3.13	2.30		2.30	97	60	87	544.0	453.7	S.W
		0.75									
6 days 7-18	2:40PM	2.67	1.92		1.92	91	55	83	900.9	356.9	S.W.
		0.82									
7-25	2:50PM	3.05	2.23		2.23	93	52	90	296.3	385.4	S.W.
		0.71									
INT. TO Mid-NIGHT 7-31			(2.00)		2.00						
Total for JULY			9.74		9.74						

DATE	TIME	HOOK GAGE	DIFF.	RAIN	EVAP	TEMPERATURE MAX.	TEMPERATURE MINN.	TEMPERATURE SET	WIND READ	WIND MILES DIFF	WIND DIRECTION
		INT. FROM 7 MIDNIGHT 8-1	(0.19)								
8-1-50	2:30 P.M	2.90	2.19		(0.19)	95	55	81	669.5	284.1	S.W.
		0.80									
8-8-50	6. PM	3.2	2.40		2.40	96	54	86	50.73	271.2	S.W
		1.0							~~300.57~~		S
8-15-50	12. M.	3.6	2.60		2.60	101.1	48	90	300.57	249.8	S.W.
		1.0							~~848.48~~ ?		? S.W
8-24-50	?	3.8	2.80		2.80					547.9 ?	?
		1.0				96 ?	46 ?	76 ?			
8-29	1:45 P	2.48	2.48		2.48	98	44		116.6	258.2	S W
		0.84									
INT. TO MIDNIGHT 8-31			(0.56)		(0.56)						
Totals			11.03		11.03						
		INT. FROM 7 MIDNIGHT 8-31 9-3									
9-5-50	2:00 P	2.47	(1.07)	0.03	1.10	101	56	80	285.5	168.9	S.W.
		0.75	1.63								
9-12-50	1:45P	2.08	1.33		1.33	84	41	80	761.1	475.6	S.W.
		1.25									
9-19	2:30P	2.94	1.69		1.69	83	40	80	95.5	324.4	NW
		1.17									
9-26	2:30 P	2.97	1.80		1.80	95	39	83	399.7	304.2	SW
		1.20									
INT. TO MIDNIGHT 9-30			(1.04)		(1.04)						
Totals			6.93	0.03	6.96						

The above question marks referred back to Mr A.C. Torrey, who stated that the readings were taken during his vacation and that he could not correct same (2-1-1951)

DATE	TIME	HOOK GAGE	DIFF	RAIN	EVAP	TEMPERATURES MAX.	MINN.	SET	WIND READ	MILES DIFF	DIRECTION
			INTP. (0.50)								
10-3-50	2:00?	BF 2.74	1.54		(0.50)	98	35	92	683.7	284.0	S.W.
		AF 0.69									
10-10	2:15P	BF 2.35	1.66		1.66	95	37	84	9692.	285.5	S.W.
		AF 1.04									
10-17	2:30P	BF 2.78	1.74		1.74	107	43	81	236.2	257.0	S.W.
		AF 1.07									
10-24	2:30P	BF 2.27	1.20		1.20	90	34	78	501.0	264.8	S.W.
		AF 1.04									
10-31	2:30	BF 2.14	1.10		1.10	87	35	72	747.7	246.7	S.W.
		AF 1.02									
Int. to midnight 10-31			(0.10)		(0.10)						
Totals			6.30		6.30						
Int. from midnight 10-31		BF	(1.78)								
11-7-50	2.00	2.90	1.88		(1.78)	97	32	82	116.9	359.2	S.W.
		AF 0.86									
				13-14							11
11-14	1.00	0.71	-0.15	1.37	1.22	84	17	59	449.2	332.3	N.W.
		1.58									
11-21	2.15	1.63	0.05	0.34	0.39	78	35	70	104.1	644.9	S.W.
		1.63									
11-28	2:30	2.42	0.79		0.79	92	32	81	909.4	805.3	S.W.
		1.47									
Int. to midnight 11-30			(0.17)		(0.17)						
Totals			2.64	1.71	4.35						

DATE	TIME	Hook GAGE	DIFF.	RAIN	EVAP.	Temperatures Max	Min	Set	Read	WIND Miles Diff	Direction
Int. from midnight 11:30		B.F.	(0.32)								
12-5-50	1:45	1.94	0.47	0.01	(0.33)	82	35	79	105.4	186.0	W
		A.F. 1.50									
12-12	2:30	G.F. 2.30	0.80		0.80	93	28	79	252.7	147.3	SW
		A.F. 1.42									
12-19	2:30	B.F. 2.10	0.68		0.68	85	30	76	426.5	173.8	SW
		A.F. 1.20									
12-26	2:00	B.F. 1.89	0.69		0.69	89	25	59	620.8	194.3	S
		A.F. 1.45									
Int. to midnight 12:31			(0.59)		(0.59)						
Totals			3.08	0.01	3.09						
Int. from midnight 12-31		B.F. 0.12	(0.12)								
1-2-51	2:00	2.16	0.71		(0.12)	72	15	59	861.9	241.1	SW
		A.F. 1.51									
1-9-51	1:45	B.F. 2.40	0.89		0.89	79	18	68	144.8	272.9	SW
		A.F. 1.41									
1-16-51	2:30	0.60	-0.81	1.56	0.75	72	28	57	438.2	293.4	SW
		1.61									
1-23-51	2:30	1.83	0.22	0.22	0.44	83	30	81	619.5	181.3	SW
		1.42									
1-30	2:00	0.88	-0.54	1.07	0.53	88	34	52	864.1	244.6	W
		1.63									
				2.85"							

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperatures Max	Min.	Set	Wind Read	Miles Diff.	Direction
2-6-51	2:30	BF 2.17 AF 1.46	(0.23) 0.54		(0.43)	81	26	76	71.5	197.4	SW
2-13	2.00	BF 1.90 AF 1.13	0.44	0.15	0.59	85	34	76	300.0	228.5	S.W.
2-20	2:00	B.F. 1.82 AF 1.15	0.69	0.12	0.81	78	24	65	627.1	327.1	W
2-27	1.45	1.10 1.10	-0.05	0.70	0.65	68	24	49	877.6	250.5	S
Int. to midnight 2-28			(0.03) 1.54	0.97	(0.03) 2.51						
Int. from midnight 2-28		B.F.	0.11								
3-6	2:00	1.24 AF 1.24	0.14	0.56	0.67	66	26	61	200.2	312.6	W
3-13	1:45	BF 2.47 AF 1.32	1.23		1.23	85	25	82	533.3	333.1	SW
3-20	2:00	B.F. 3.11 AF 1.10	1.79		1.79	87	28	80	975.6	442.3	SW
3-27	2:00	BF 2.50 AF 0.92	1.40		1.40	88	30	68	278.6	293.0	W
Intp. to midnight 3-31			(0.80)		(0.80)						
Totals			5.33	0.56	5.89						

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperatures Max	Min	Set	Wind Read	Miles Diff.	Direction
Intp. from midnight 3-31		BF. 0	(0.51)								
4-3-51	1:45	2.23	1.31		(0.51)	77	29	65	632.8	354.2	E
		AF 0.95									
4-10	1:30	BF 1.25	0.30	0.47	0.77	76	44	67	893.6	260.8	SW
		AF 0.88									
4-17	2:00	BF 2.50	1.62		1.62	85	44	70	280.1	376.5	SW
		AF 1.00									
4-24	1:45	BF. 2.21	1.21	0.15	1.36	79	44	64	636.6	356.5	W
		AF 1.09									
4-26	3:00			0.79	0.79						
Intp. to midnight 4-30			(-0.24)		(-0.24)						
Totals			3.40	1.41	4.81				884.3		

Date	Time D.S.T.	Hook GAGE	Diff.	Rain	Evap.	Temperatures Max.	Min.	Set	Wind Read	Miles Diff.	Direction
		Intp. from mid set 4:30	-0.02								
5-1-51	2:15 P.M.	B.F. 0.83	-0.26	1.09	1.07	74	36	64	93.0		
		A.F. 0.83									
5-8	2:00	B.F. 2.39	1.56		1.56	79	38	74	412.0	319.0	S W
		A.F. 0.96									
5-15	1:45	B.F. 1.48	0.52	0.05	0.57	78	41	70	849.6	437.6	S W
		A.F. 0.82									
5-22	2:15	B.F. 2.66	1.84		1.84	88	40	73	207.1	247.5	S W
		A.F. 0.88									
5-29	2:00	B.F. 2.82	1.94		1.94	94	43	84	555.0	347.9	S
		A.F. 0.78									
Intp. to midnight 5-31			0.88		0.88						
Totals			5.92	1.14	7.06						

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperatures Max	Temperatures Min.	Wind Set	Wind Read	Wind Miles Diff	Wind Direction
Intp. from midnight 5-31		BF	(1.67)								
6-6-51	2:30 P.M.	3.33	2.55		(1.67)	93	41	72	987.5	432.5	SW
		AF 0.83									
6-12	2:00 P.M.	BF 2.37	1.54		1.54	83	45	77	303.2	305.7	SW
		A.F. 0.65									
6-19	2:00 P.M.	BF. 2.63	1.98		1.98	84	48	80	660.7	357.5	W
		A.F. 0.55									
6-26	2:00 P.M.	BF. 2.63	2.08		2.08	85	54	82	56.0	385.3	SW
		A.F. 0.60									
Intp. to midnight 6-30			(1.36)		(1.36)						
Totals			8.63		8.63						

DATE	Time	Hook GAGE	Diff.	Rain	Evaporation	Temperatures Max	Min	Set	Wind Read	Miles Diff	Direction
July 3, 51	2:00 P.M	Intp. from Midnight +6-35 B.F. 2.76 A.F. 0.55	2.16 (0.80)		0.80	89	50	78	445.5	389.5	SW
7-12	10.15 AM	B.F. 3.50 A.F. 0.60	2.95		2.95	100	47	69	884.3	438.8	SW
7-17	2.15	B.F. 2.23 A.F. 0.61	1.63		1.63	98	47	93	150.4	266.11	SW
7-24	1:45	B.F. 3.05 A.F. 0.54	2.44		2.44	100	54	85	459.0	309.4	SW
7-31	1:45	B.F. 2.46 A.F. 0.63	1.92		1.92	97	56	92	750.8	291.8	SW
Intp to midnite 7-31			0.15		0.15						
Totals			9.89		9.89						

DATE	TIME	Hook Gage	DIFF.	RAIN	EVAPORATION	Temperatures MAX.	MINN	Set	Wind READ	Miles DIFF.	DIRECTION
8-7-51	2:30	BF 3.13 AF 0.70	Intp (2.35) 2.50		(2.35)	103	41	90	77.2	206.4	SW
8-13	3:15	BF 2.73 AF 0.63	2.03		2.03	99	48 46	92	348.0	270.8	S
8-22	12:40	BF 3.56 AF 50	2.93		2.93	96	46	88	568.0	220.0	SW
8-29-51	10-30	BF 1.98 AF 70	1.48	.80	2.28	94	44	70	798.0	230.0	SW
Intp to midnite 8-31			(0.42)		(0.42)						
Totals			9.21	0.80	10.01						

DATE	TIME	Hook GAGE	DIFF	RAIN	EVAPORATION	Temperatures MAX	MINN	SET	WIND READ	Miles DIFF	DIRECTION
			Intp 0.73								
9-4-51	2:00	BF 1.85	1.15		0.73	99	53	85	163.4	335.4	SW
		AF 0.55									
9-11	2:15	BF 2.40	1.85		1.85	95	50	83	425.0	261.6	SW
		AF 0.70									
9-18	1:45	BF 2.51	1.81		1.81	104	51	100	672.2	247.2	SW
		AF 0.49									
9-25	2:00	BF 2.28	1.79		1.79	101	51		918.0	245.8	W
		AF 0.60									
9-28				0.11	0.11						
Intp. to midnite 9-30			0.98		0.98						
			7.16	0.11	7.27						

DATE	TIME	Hook Gage	DIFF	RAIN	EVAPORATION	Temperatures MAX	MINN	SET	WIND READ	MILES DIFF.	DIRECTION
10-2-51	2:15 PM	GF 1.86 AF 0.50	Intp (0.28) 1.26		(0.28)	90	39	75	148.5	220.5	SW
10-9	2:00	BF 2.24 AF 0.51	1.74		1.74	100	35	96	395.5	247.0	SW
10-16	2:15	BF 1.88 AF 1.19	1.37		1.88	95	33	73	609.0	213.5	SW
10-23	2:00	BF 2.46 AF 0.89	1.27		1.27	93	30	82	842.6	233.6	W
10-30	2:00	G.F. 0.93 R.F. 0.93	0.04	0.92	0.96	86	34	65	93.8	241.2	SW
Inter. to midnight 10-31			(0.21)		(0.21)						
			4.91	0.92	5.83						

Date	Time	Hook Gage	Diff	Rain	Evaporation	Temperatures Max.	Min.	Set	Read	Wind Miles Diff.	Direction
11-6-51	2:00	BF 1.99 AF 0.83	1st (0.85) 1.06		(0.85)	91	28	89	310.3	217.5	E
11-13	2:00	BF 1.25 AF 0.96	0.42	0.25	0.67	91	30	66	454.8	144.5	None
11-20	2:00	BF 1.94 AF 1.38	0.98	0.22	1.20	83	33	65	814.5	359.7	W
11-27	2:00	BF 1.16 AF 0.73	-0.22	0.99	0.77	76	28	73	955.0	140.5	SW
Intp. to midnight 11-30			(0.11)		(0.11)						
			2.14	1.46	3.60						

Date	Time	Hook Gage	Diff	Rain	Evaporation	Temperatures MAX	MIN	SET	Wind READ	Miles Diff	Direction
12-4-51	2:30 PM	0.95	Int: (0.11) 0.22	0.23	(0.34)	77	31	62	140.3	175.3	SW
		0.95									
12-11	1:30 PM	1.65	0.70	0.55	1.25	70	22	54	743.5	603.2	W
		1.65									
12-13				11-12 0.55							
12-19	2:00 PM	1.20	-0.45	0.39	0.49	70	26	54	18.8	265.3	W
		1.20									
12-25	1:30	1.47	0.27	0.06	0.33	69	28	64	164.8	146.0	N.W.
		1.47									
Int. to midnight 12-31			(-0.97)		(-0.97)						
			-0.34	1.78	1.44						

Date	Time	Hook Gage	Diff.	Rain	Evaporation	Temperatures Max	Min	Set	Read	Wind Miles Diff	Direction
1-1-52	10:30	BF 0.42	Intp. (0.00) -1.05	3.47	(3.39)	74	28	50	374.2	209.4	W
		AF 1.44									
1-8	10:30	1.28	-0.16	0.47	0.31	63	20	44	560.2	186.0	SE
		1.28									
1-15	1:30	0.44	-0.84	1.28	0.44	69	23	55	796.6	236.4	SW
		1.77					30				
1-22	3.00	0.53	-1.24	2.82	1.58	71	30	66	100.2	293.6	SW
		1.70									
1-29	1:30	1.60	-0.10	0.56	0.46	79	30	68	293.0	192.8	W
		1.60									
Intp. to midnight 1-31			(0.19)		(0.19)						
			-2.23	8.60	6.37						

DATE	TIME	Hook GAGE	DIFF	RAIN	EVAPORATION	TEMPERATURES MAX	MIN	SET.	WIND READ	Miles DIFF	DIRECTION
			Int. (0.37)								
2-5-52	1.45	BF 2.16	0.56		(0.37)	79	30	76	481.0	188.0	W
		AF 1.20									
2-12	2:00	BF 1.86	0.66	0.07	0.73	83	31	58	722.1	241.1	SW
		AF 1.26									
2-19	2:30	BF 1.70	0.44	0.12	0.56	70	26	58	967.0	244.9	S
		AF 1.70									
2-26	2:00	BF 2.65	0.95		0.95	75	29	63	265.7	288.7	E
		AF 1.52									
Interp. to midnight											
2-29			(-0.28)		(-0.28)						
			2.12	0.19	2.31						

DATE	TIME	Hook Gage	Diff.	Rain	EVAPO-RATION	Temperatures MAX.	MINN.	SET	WIND Read	Miles Diff.	Direction
3-4-52	2:00	BF 0.95 AF. 0.95	Int. (-0.24) -0.57	1.39	(1.10) 0.82	76	29	59	641.7	376.0	W
3-11	3:00	BF 0.36 AF 1.33	-0.59	2.42	1.83	65	35 34	52	946.6	304.9	W
3-18	3:30	BF 0.43 AF 1.53	-0.90	2.55	1.65	61	34	54	216.2	259.6	W
3-25	1:30	BF 2.26 AF 1.18	0.73	0.10	0.83	78	26	76	437.2	221.0	W
Interp. to midnight 3-31			(1.07)		(1.07)						
			0.02	6.46	6.48						

DATE	TIME	Hook GAGE	DIFF.	RAIN	EVAPO-RATION	Temperatures MAX.	MIN.	SET	WIND READ	Miles DIFF.	Direction
4-1-52	1.30	BF 2.36 AF 1.00	Intp. (0.11) 1.18		(0.11)	83	36	68	712.7	275.5	SW
4-8	2:00	1.83 1.10	0.83	0.35	1.18	90	36	65	913.9	201.2	SW
4-15	2:00	0.90 0.90	-0.20	0.97	0.77	89	31	74	96.8	179.9	W
4-22	2:00	1.88 0.91	0.98	0.02	1.00	82	35	75	262.4	165.6	S.W.
4-29	2:30	1.19 1.19	0.28	0.49	0.77	78	39	67	434.0	171.6	SW
Interp. to midnight 4-30			(0.31)		0.31						
			2.31	1.83	4.14						

DATE	TIME	Hook GAGE	DIFF	RAIN	EVAPO-RATION	TEMPERATURES MAX	TEMPERATURES MIN.	TEMPERATURES SET	WIND READ	WIND MILES DIFF.	WIND DIRECTION
5-6-52	No readings		c/c sandbagging spillway								
		Interp.	2.85		2.85						
5-13	1:30	4.35	3.16			89	40	81	8092	3752	W
		0.74									
5-20	2:30	2.36	1.62		1.62	88	41	84	53.5	234.3	SW
		0.44									
5-27	2:00	2:25	1.81		1.81	88	47	81	301.2	247.7	SW
Interp. to midnight 5-31		0.68	1.11		1.11						
			7.39		7.39						

DATE	TIME	Hook GAGE	DIFF	RAIN	EVAPO-RATION	TEMPERATURES MAX	MIN	SET	WIND READ	DIFF	DIRECTION
6-3-52	2:00 D.T.	2:45	(0.66) 1.77		(0.66)	85	40	61	546.3	298.6	SW
		0.69									
6-10	2:00	1.97	1.28		1.28	81	39	75	750.0	203.7	SW
		0.60									
6-17	2:00	2.65	2:05		2:05	90	35	78	11.5	251.5	SW
		0.59									
6-24	2:00	2.63	2.04		2.04	90	35	72	309.4	297.9	SW
		0.60									
Interp. to Midnight 6-30			(1.64)		(1.64)						
			7.67		7.67						

Date	Time	Hook Gage	Diff.	Rain	Evaporation	Temperature Max.	Mimm	Set	Wind Read	Diff.	Direction
			(0.66)								
6-3-52	2:00 D.T.	2.45	1.77		(0.66)	85	40	61	546.3	298.6	SW
		0.69									
6-10	2:00	1.97	1.28		1.28	81	39	75	750.0	203.7	SW
		0.60									
6-17	2:00	2.65	2.05		2.05	90	35	78	11.5	251.5	SW
		0.59									
6-24	2:00	2.63	2.04		2.04	90	35	72	309.4	297.9	SW
		0.60									
Interp To Midnight 6-30			(1.64)		(1.64)						
			7.67		7.67						

Date	Time	Hook Gage	Diff.	Rain	Evap.	Temperature Max	Min	Set	Wind Read	Diff	Direction
			Int. (0.15)		(0.15)						
7-1-52	2:00	2.39	1.79		1.79	86	42	82	598.5	289.1	SW
		0.61									
7-8	2:00	2.72	2.11		2.11	92	49	89	827.0	228.5	SW
		0.56									
7-15		2.78				98	39	81	121.5	284.5	SW
		0.63									
7-22		2.69				96	54	89	377.3	255.8	SW
		0.52									
7-29		2.56				99	53	84	601.4	224.1	SW
		0.52									
Interp. to midnight 7-31			(0.86)		(0.86)						
			9.44		9.44						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max.	Temperature MIN.	Temperature SET	Wind Read	Wind Diff	Wind Direction
8-5-52	2:00	INT 2.52	(1.64) 2.50		(1.64)	94	53	85	846.0	244.6	SW
		0.41									
8-12	2:30	2.35	1.94		1.94	92	53	81	97.6	241.6	SW
		0.53									
8-19	2:00	2.53	2.00		2.00	95	50	84	322.1	224.5	SW
		0.38									
8-26	2:00	BF 2.36	1.98		1.98	98	45	92	539.6	217.5	SW
		AF 0.51									
INTERP. TO Midnight 8-31			(1.74)		(1.74)						
			9.30		9.30						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max.	Temperature Min	Temperature Set	Wind	Wind Diff	Wind direction
9-2-52	2:00	BF 2.77 AF 0.51	INT (0.52) 2.26		(0.52)	103	51	96	739.7		W
9-9	2:00		2.01		2.01	102	48	88	853.0		SW
9-16	2:00		2.00		2.00	99	35	98	204.5		SW
9-23	3:00		1.44	0.10	1.54	99	42	90	319.2		W
9-30	2:00		1.46		1.46	96	51	86	515.0		SW
INTERP. TO MIDNIGHT 9-30			(0.09)		0.09						
			7.52	0.10	7.62						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max	Temperature Min	Temperature Set	Wind Read	Wind Diff	Wind Direction
			INT (1.47)								
10-7-52	2:00	2.45	1.56		(1.47)	99	44	89	706.6	191.6	W
		0.79									
10-14	2:00	2.04	1.25		1.25	90	37	80	904.9	198.3	SW
		0.95									
10-21	2:00	1.96	1.01		1.01	88	43	76	107.9	193.0	W
		0.90									
10-28	2:00	1.88	0.98		0.98	95	38	87	298.1	190.2	W
		0.72									
INTERP. TO MIDNIGHT 10-31			(0.49)		0.49						
			5.20		5.20						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max	Min	Set	Wind Read	Diff	Direction
11-4-52	1:30	1.75	int. (0.54) 1.03		(0.54)	93	32	88	507.0	208.9	W
		0.40									
11-11	2:00	1.25	0.85	out ~~0.85~~	0.85	90	24	76	650.8	143.8	SW
		0.81									
11-18	1:30	0.58	-0.23	1.90	1.67	76	30	71	831.2	180.4	W
		0.58									
11-25	3:00	0.89	0.31	0.23	0.54	75	27	61	51.4	210.2	W
		0.89									
* Interp. to midnight 11-30			(-0.23)		(-0.23)						
			1.24	~~2.13~~ 2.13"	3.37						

2.98 Nowa 10/18/55

correct con 3/30/56

Date	Time	Hook Gage	Diff	Rain	Evaporation	Temperatures Max.	Min	Set	Wind Read	Diff.	Direction
			Int -0.07		0.68						
12-2-52	2:00	0.59	-0.30	0.75	0.45	66	28	57	215.4	164.0	SW
		1.35									
12-9	2:00	1.79	0.44	0.06	0.50	71	30	70	399.5	184.1	W
		1.24									
12-16	1:30	1.88	0.64		0.64	81	29	61	541.8	142.3	W
		1.34									
12-18				0.27							
12-23	2:30	0.55	-0.79	0.91	0.39	67	28	65	670.8	129.0	E
		0.55									
12-30	2:30	0.59	0.04	0.51	0.55	70	25	55	885.1	214.3	SW
		1.61									
Intp. to midnight 12-31-52			-0.02		-0.02						
			0.24	2.50	2.74						

1953

Date	Time	Hook Gage	Diff	Rain	Evaporation	Temperatures MAX	MINN	SET	Wind Read	Diff.	Direction
			(-0.10)		Int (0.56)						
1-6-53	1:30	1.49	-0.12	0.66	0.78	85	30	53	113.1	218.0	None
		1.49									
1-13-53	1:30	0.70	-0.79	1.43	0.64	87	38	58	264.3	151.2	None
		0.70									
1-15				0.18							
1-20	2:00	0.96	0.26		0.44	70	29	59	437.3	173.0	E
		0.96									
1-27	1:30	B.F. 1.57	0.61		0.61	86	31	80	596.7	159.4	E
		A.F. 1.22									
Intp. to midnight 1-31			(0.61)		(0.61)						
			0.59	2.27	2.86						

1953

DATE	TIME	HOOK GAGE	DIFF.	RAIN	EVAPORATION	Temperatures MAX	MINN	SET	WIND READ	DIFF	DIRECTION
2-3-53	2:00	2.20	0.37 -0.98		0.37	87	25	74	826.4	229.7	SW
		1.35									
2-10	2:30	2.15	0.80		0.80	89	26	65	28.5	192.1	W
		1.25									
2-17	2:00	2.27	1.02		1.02	84	24	80	281.1	252.6	W
		1.16									
2-24	2:00	1.55	0.39	0.64	1.03	80	16	66	651.1	370.0	
		1.55									
Intp. to midnight 2-28			-0.07		-0.07						
			2.51	0.64	3.15						

1953

DATE	TIME	Hook Gage	Diff.	RAIN	EVAPORATION	TEMPERATURES MAX	MINN	SET	WIND READ	DIFF.	DIRECTION
			(-0.04)								
3-3-53	2:00	1.44	-0.11	0.97	(0.93)	76	28	64	954.7	303.6	SW
		1.44									
3-10-53	2:00	2.54	1.10		1.10	82	28	64	194.3	229.6	W
		1.05									
3-17	3:30	2.12	1.07		1.07	75	30	66	428.3	234.0	SW
		1.15									
3-24	2:00	2.02	0.87	0.39	1.26	88	33	78	704.8	276.5	SW
		1.41									
3-31	2:00	2.50	1.09	0.03	1.12	80	33	73	982.7	277.9	SW
		1.23									
Diff To Midnight 3-31			(0.06)		(0.06)						
			4.15	1.39	5.54						

Date	Time	Hook Gage	Diff.	Rain	Evaporation	Temperatures Max	Temperatures Minn	Temperatures Set	Wind Read	Wind Diff.	Wind Direction
			(0.89)		(0.92)						
4-7-53	2:00	2.18	0.95	0.03	0.98	75	36	64	250.2	262.3	SW
		1.10									
4-14-53	2:00	2.47	1.37		1.37	75	27	70	541.5	291.3	SW
		0.93									
4-21-	10:30	2.06	1.13	0.06	1.19	82	34	70	789.5	248.0	S.W.
		1.08									
4-28	2:00	1.50	0.42	0.66	1.08	78	43	66	66.6	267.1	SW
		1.25									
4-30				0.33							
IMP to midnite 4-30			(0.27)		(0.60)						
			4.08	1.08	5.16						

L	Date	Time	Hook Gage	Diff	Rain	Evap.	Temperature Max	Min	Set	Wind Read	Diff.	Direction
4	5-5-53	2:00	2.63	(1.11) 1.38		(1.11)	92	35	91	416.0	349.4	NE
			1.18									
4	5-12	2:00	3.24	2.06		2.06	93	31	82	695.3	279.3	SW
			1.24									
4	5-19	2:30	2.51	1.27	0.12	1.39	84	33	81	980.6	285.3	SW
			1.00									
4	5-26	2:00	2.89	1.89		1.89	81	34	70	288.8	298.2	W
			0.98									
	IHTP To Midnight 5-31			(1.11)		(1.11)						
4				7.44	0.12	7.56						
Im												

Date	Time	Hook Gage	Diff	Rain	Evap.	Temperature MAX	Temperature MIN	Temperature set	Wind Read	Wind Diff	Wind Direction
6-2-53	2:00	2.42	(0.33) 1.44	0.08	(0.41)	78	35	72	591.5	302.7	W
		0.96									
6-9-53	2:30	2.74	1.78		1.78	79	37	76	905.5	314.0	SW
		0.92									
6-16	1:00	3.01	2.09		2.09	95	38	69	200.0	284.5	W
		1.05					43				
6-23	2:00	2.61	1.56		1.56	95	43	91	470.2	270.2	SW
		0.93									
6-30	2:00	3.15	2.21		2.21	93	44	90	759.5	289.3	SW
		0.82									
Intp. to midnight 6-30			(0.12)		(0.12)						
			8.09	0.08	8.17						

To Harry Blaney - State Research Supv. ✓ Here 7/3

DATE	TIME	Hook GAGE	DIFF. (1.96)	RAIN	EVAPO-RATION	Temperatures MAX	MIN	Set	Wind Read	Diff.	Direction
7-7-53	2:00	2.90	2.08		(1.96)	95	45	88	49.4	279.9	S
		0.67									
7-14-53	2:00	3.22	2.55		2.55	103	52	94	285.7	236.3	S
		0.99									
7-21	2:00	3.11	2.12		2.12	97	58	89	568.9	283.2	S
		0.77									
7-28	2:00	BF 2.92	2.15		2.15	94	53	86	827.2	258.3	S
		AF 0.62									
Intp. to midnight			(0.79)		(0.79)						
			9.57		9.57						

DATE	TIME	HOOK GAGE	DIFF. (0.85)	RAIN	EVAPO-RATION	Temperatures MAX.	MIN.	SET.	WIND READ	DIFF.	
8-4-53	2:00	2.26	1.64	0.03	(0.88)	89	45	85	72.1	235.9	SW
		0.71									
8-11-53	2:00	2.64	1.93		1.93	93	46	78	365.1	293.0	SW
		0.73									
8-18-53	2:00	2.72	1.99		1.99	98	51	91	560.1	195.0	SW
		0.78									
8-25-53	2:00	2.76	1.98		1.98	95	50	92	854.3	294.2	W
		0.78									
Intp. to 8-31	midnight		(1.76)		(1.76)						
			8.51	0.03	8.54						

DATE	TIME	HOOK GAGE	DIFF (0.15)	RAIN	EVAPORATION (0.15)	Temperatures MAX Col. Broken ✓	MIN	SET	Wind READ	DIFF	DIRECTION
9-1-53	2:30	2.69	1.91				44	80	57.8	193.5	SW
		1.27									
9-8	2:00	3.05	1.78		1.78	101	50	94	217.2	159.4	SW
		0.61									
9-15	1:30	2.58	1.97		1.97	103	50	89	462.1	244.9	W
		0.69									
9-22	2:00	2.33	1.64		1.64	90	37	82	670.3	208.2	SW
		1.14									
9-29	2:00	2.50	1.36		1.36	95	37	84	865.5	195.2	SW
		1.14									
Intp. to midnight 9-30			(0.34)		(0.34)						
			7.24		7.24						

To Beaney State Research Supv. 11/2/53 (Fw)

Start here

						Temperatures			Wind		
Date	Time	Hook Gage	Diff (1.31)	Rain	Evaporation	Max	Min	Set	Read.	Diff.	Direction
10-6	10:00	2.79	1.65		(1.31)	1.07	38	90	78.4	203.9	SW
		0.56									
10-13	1:30	2.28	1.72		1.72	1.04	45	77	275.8	197.4	SW
		0.73									
10-20	2:00	1.85	1.12		1.12	85	37	79	455.7	179.9	SW
		0.79									
10-27	2:00	1.75	0.96	0.18	1.14	90	33	84	647.6	191.9	NW
		Evaporation pan leaked									
		New pan ordered									
Total				0.18							

						Temperatures			Wind		
Date	Time	Hook Gage	Diff.	Rain	Evaporation	Max	Minn.	Set	Read	Diff.	Direction
11-3-53	2:00	"	"	"	"	91	34	78	812.2	164.6	SW
11-10	2:00	"	"	0.53	"	91	35	78	133.2	311.0	SW
11-17	1:30	"	"	0.49	"	84	40	62	324.2	191.0	SW
11-24	2:30	"	"	0.14	"	85	26	80	523.8	175.5	W
Total				1.16							

DATE	TIME	HOOK GAGE	DIFF.	RAIN	EVAPORATION	Temperatures MAX	Temperatures Minn.	Temperatures Set	Wind Read	Wind Diff.	Wind Direction
12-1-53	2:00	-	-		-	91	30	64	699.3	175.5	W
12-2	2:00	1.05	✓ Installed new plan								
12-8	2:00	1.29	0.24	0.22	0.46	72	24	70	822.6	123.3	E
		1.02									
12-15	1:00	2.18	1.16		1.16	90	24	81	300.7	468.1	W
		1.21									
12-22	2:00	2.21	1.00		1.00	83	22	66	595.5	294.8	E
		1.08									
12-29	2:30	2.16	1.08		1.08	71	13	66	84.8	479.3	SW
		0.54									
Intp. to midnight 12-31			(0.23)	~~0.22~~ Thurs 10/19/55	(0.23)						
			3.71	0.22	3.93						

End Dec. Send to State Research Supv. TW

1954

DATE	TIME	Hook Gage	Diff.	RAIN	Evaporation	Temperatures MAX	MINN.	SET.	Wind Read	Diff.	DIRECTION
		Mtp. (0.45)									
1-5-54	2:30	1.22	0.68		(0.45)	87	15	75	227.0	142.2	SW
		0.76									
1-12	2:30	1.04	0.28	0.47	0.75	78	17	46	465.3	238.3	W
		1.04									
1-15				0.58							
1-19		0.46	-0.58	1.34	1.34	68	27	53	665.8	200.5	SE
		1.50									
1-26	2:00	0.35	-1.15	1.97	0.82	66	30	60	947.3	281.5	W
		1.42									
Mtp. to midnight 1-31			(0.55)		(0.55)						
			-0.45	4.36	3.91						

1954

DATE	TIME	Hook GAGE	DIFF.	RAIN	EVAPORATION	TEMPERATURES MAX	MINN.	SET	WIND READ	DIFF.	DIRECTION
2-2	2:30	2.13	Intp (0.16) 0.71		(0.16)	86	30	83	104.8	147.5	E
		0.94									
2-9	1:30	2:23	1.29		1.29	89	30	74	429.0	324.2	SW
		1.18									
2-16	2:30	0.66	-0.52	1.91	1.39	76	29	65	704.5	275.5	SW
		1.21									
2-23	2:00	1.96	0.75	0.14	0.89						
		0.79									
Intp. to midnight 2-28			(0.78)		(0.78)						
			2.46	2.05	4.51						

1954

DATE	Time	Hook GAGE	Diff.	RAIN	EVAPORATION	Temperatures MAX	MINN.	Set	WIND Read	Diff	Direction
			Intp (0.22)								
3-2	2:00	1.79	1.00		(0.22)	90	34	67	114.8	199.5	SW
		0.59									
3-9	1:00	1.41	0.82		0.82	82	40	77	312.2	197.4	S
		0.94									
3-16	2:30	2.07	1.13		1.13	78	22	60	603.0	290.8	SW
		1.20									
3-23	1:30	0.33	-0.87	3.76	2.89	68	40	48	8828	279.8	None
		2.36								(231.3?)	
3-30	2:00	2.16	-0.20	1.05	0.85	77	32	61	114.1	221.3	W
		1.33									
Intp 3-31 to midnight			(0.22)		(0.22)						
			1.32	4.91	6.13						

1954

Date	Time	Hookgage	Diff	Rain	Evap	Temp. Max	Temp. Min	Temp. Set	Wind Read	Wind Diff	Wind Direction
4-6	2:30	2.44	Intpl 0.89 1.11		0.89	74	34	65	361.4	247.3	SW.
		1.21									
4-13	2:00	2.40	1.19		1.19	79	38	75	562.2	200.8	W
		1.01									
4-20	2:00	2.38	1.37		1.37	88	48	70	767.9	205.7	SW
		0.91									
4-27	2:00	1.90	0.99	0.04	1.03	73	46	65	944.7	176.8	SW
		0.99									
1 Intpl. To midnight 4-30			0.52		0.52						
			4.96	0.04	5.00						

1954

Date	Time DT	Hookgage SS	Diff	Rain	Evaporatin	Temperature Max	Temperature Min	Temperature Set	Wind Read	Wind Diff	Wind Direction
5-4	3:00	2.07	Intpr 0.56 2.07 1.08?	0.13	0.69	89	33	79	197.6	242.9	SW
		0.85									
5-11	2:00	2.25	1.40		1.40	82	43	81	435.0	237.4	S
		0.76									
5-18	2:00	2.12	1.36		1.36	85	46	78	667.0	232.0	SW
		0.82									
5-25	2:00	2.48	1.66		1.66	87	44	72	923.1	256.1	S
		0.86									
Intpl to 5-31	midnight		1.51		1.51						
			6.49	0.13	6.62						

1954

Date	Time	Hook gage	Diff	Rain	Evap.	Temperatures Max	Min.	Set	Wind Read	Diff	Direction
6-1	2:00	2.51	Intp 0.14 1.65		0.14	83	40	79	192.5	259.4	SW
		0.70									
6-8	1:30	2.25	1.55		1.55	85	37	74	457.2	264.7	SW
		0.82									
6-15	1:00	2.42	1.60	0.05	1.65	84	38	81	733.3	276.1	SW
		0.72									
6-22	2:30	2.75	2.03		2.03	90	45	83	35.5	292.2	SW
		0.67									

0 on wind gage
is 990 instead of 1000 -
Meteorological station County

1954

Date	Time	Hook Gage	Diff	Rain	Evaporation	Temperature Max	Min	Set	Wind Read	Diff	Direction
7-6-54	2:00	2.69	Intp (1.56) 1.96		(1.56)	97	47	97	517.6	233.6	W
		1.70									
7-13-54	1:30	2.92	2.22		2.22	103	50	88	767.3	249.7	W
		0.58									
7-20	2:00	2.83	2.25		2.25	100	59	85	28.1	250.8	SW
		0.40									
7-27	2:00	2.16	1.76		1.76	98	58	97	252.0	223.9	SW
		0.76									
Intp to Midnight 7-31			(1.36)		(1.36)						
			9.15		9.15						

1954

Date	Time	Hook Gage	Diff.	Rain	Evaporation	Temperatures Max	Min	Set	Wind Read.	Diff.	Direction
8-3-54	2:00	2.91	2.15			101	57	87	498.2	246.2	S
		0.75									
8-10-54	2:00	2.52	1.77		1.77	90	56	84	719.2	221.0	S
		0.71									
8-17	1:30	2.58	1.87		1.87	94	38	91	932.0	212.8	S.W.
		0.71									
8-24	2:30	2.53	1.82		1.82	91	47	81	191.1	249.1	S.W.
		0.93									
8-31	2:00	3.00	2.07		2.07	101	33	98	428.1	237.0	S.W.

1954

Date	Time	Hook Gage	Diff	Rain	Evaporation	Temperatures Max	Min	Set	Wind Read	Diff	Direction
9-7-54	2:00	2.74	1.92	0.08	2:00	99°	51°	93°	670.0	241.9	S.W.
		0.79									
9-14-54	1:00	2.50	1.71		1.71	93°	37°	88°	883.9	213.9	S.W.
		0.78									
9-21-54	2:00	2.73	1.95		1.95	100°	34°	96°	100.8	206.9	S.W.
		0.74									
9-28-54	1:00	2.45	1.71		1.71	101°	44°	80°	304.3	203.5	S.W.
		0.82									
INTP to Midnight 9-30			(0.27)		(0.27)						
			7.56	0.08	7.44						

1954

Date	Time	Hook Gage	Diff.	Rain	Evaporation	Temperatures Max	Min	Set	Wind Read	Diff.	Direction
			Intp (.87)								
10-5-54	2:00	1.96 0.82	1.14		(.87)	82°	35°	73°	492.1 -	187.8	W.
10-12-54	12: M?	1.85 0.72	1.13	0.01	1.14	87°	39°	75°	In for repairs No Reading		S.W.
10-19-54	2:00	2.32 0.80	1.52		1.52	103°	35°	85°	Set at 0 205.9	205.9	S.W.
10-26-54	NO	Readings	een								
		0.58									

X Sent to STATE RESEARCH SUPERVISOR - 11-29-54
See ADDRESS ON FRONT PAGE

Date	Time	Hook Gage	Diff	Rain	Evap	Temperatures Max	Min	Set	Wind Read	Diff	Direction
11-2-54	2:00	2.93 -1.82	Intp (.25) 1.11		(.25)	87°	28°	71°	612.3	199.2	W.
11-9-54	2:00	1.97 -0.89	1.08		1.08	90°	28°	87°	862.0	250.7	S.W.
11-17-54	2:00	1.02 -0.87	0.15	0.93	1.08	89°	32°	78°	062.9	190.9	W.
11-23-54	2:00	1.67 -0.87	0.80		0.80	95°	30°	84°	180.4	117.3	W
11-30-54	2:00	1.41 -0.87	0.54	0.08	0.62	88°	31°	67°	384.2	203.8	W
Intp to Midnight 11-30-54			(0.02)		(0.02)						
Totals			2.84	1.01	3.85						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max°	Min°	Set°	Wind Read	Diff	Direction
12-7-54	2:00	1.52 -1.21	INTP (0.29) 0.31	.10	(0.39)	72°	31°	69°	501.9	117.7	W.
12-14-54	2:00	1.20 -1.29	- 0.09	0.54	0.45	78°	30°	77°	606.4	104.5	S.W.
12-21-54	10:30	2.45 -1.20	1.25		1.25	86°	27°	75°	122.8	506.4	W
12-28-54	11:00	2.10 -1.25	0.95		0.95	80°	15°	62°	437.4	314.6	E
INTP to Midnight 12-31-54			(0.03)		(0.03)						
Totals			2.43	0.64	3.07						

Rain on 3 and 4 of Dec None on the 30th of NOV.

1955

Date	Time	Hook Gage	Diff	Rain	Evap	Temperatures Max°	Min°	Set	Wind Read	Diff	Direction
1 1-5-55	3:00	1.36 -1.29	Intp 0.04 0.07	0.36	0.40	62°	Thermometer in for replacement	60°	617.1	179.7	W
1 1-11-55	2:00	0.82 -1.36	-.54	0.93	0.39	62°		59°	919.3	302.2	N.W.
1 1-18-55	2:00	1.05 -1.50	-.45	0.90	0.45	62°		52°	153.7	224.4	S.E
1 1-25-55	2:00	0.87 -1.50	-.63	1.30	0.67	75°		71°	354.8	201.1	None
I Intp to midnight 1-31-55			0.40		0.40						
7 Totals			-1.18	3.49	2.31						

Date	Time	Hook Gage	Diff	Rain	EVAP	TEMPERATURES Max°	Min°	WIND Set	Read	Diff.	Direction
2-1-55	2:00	1.93 -1.50	INTP (.103) 0.43	0.36	(0.39)	85°	—	64°	568.1	213.3	S.W.
2-8-55	1:00	2.31 -1.50	0.81	—	0.81	80°	—	80°	868.9	300.8	W.
2-15-55	2:00	2.68 -1.50	1.18	—	1.18	86°	—	85°	204.1	325.2	W
2-22-55	1:00	1.24 -1.00	0.24	0.52	0.76	86°	—	63°	492.7	288.6	W
INTP TO MIDNIGHT 2-28-55			(0.58)		(0.58)						
Totals			2.84	0.88	3.72						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperatures Max°	Min°	Set	Wind Read	Diff	Direction
			INTP (.05)								
3-1-55	1:30	2.13 -1.50	0.63	0.30	035	72°	—	70°	887.9	395.2	S. W.
3-8-55	1:00	2.57 -1.50	1.07	—	1.07	87°	—	84°	194.7	296.8	W
3-15-55	1:00	1.32 -1.05	.27	0.81	1.08	84°	—	63°	404.1	209.4	S. W.
3-22-55	1:00	2.74 -1.50	1.24	—	1.24	75°	—	73°	662.2	258.1	S. W.
3-29-55	1:00	2.57 -1.00	1.57	—	1.57	90°	—	75°	953.8	291.6	S. W.

Transcript sent to U.S. Dept. of Agriculture thru March- 1.11"

Date	Time	Hook Gage	Diff	Rain	Evap	Temperatures Max°	Min°	Set°	Wind Read	Diff	Direction
4-5-55	1:00	2.64	1.64		(1.06)	85°	–	71°	335.9	372.1	S.W.
		-1.00	Intp (.06)								
4-12	1:00	2.78	1.78	–	1.78	87°	–	87°	620.7	284.8	None
		1.00									
4-19	1:00	2.41	1.66	0.07	1.73	89°	–	70°	897.3	276.6	W.
		.75									
4-26	1:00	1.62	.87	0.40	1.27	73°	–	65°	198.4	291.1	W.
		.75									
Intp to Midnight 4-30-55			(1.10)		(1.10)						
Totals			6.47	0.47	6.94						

Date	Time P.D.T	Hook Gage	Diff INTP (-0.04)	Rain	Evap	Temperature Max	Temperature Min	Temperature set	Wind Read	Wind Diff	Wind Direction
5-3-55	1:00	0.85 1.00	-0.15	1.32	(1.28)	78°	34°	78°	525.2	326.8	S.W.
5-10	1:00	2.10 1.00	1.10	0.06	1.16	73°	44°	75°	776.1	250.9	S.W.
5-17	1:00	2.69 1.00	1.69	—	1.69	84°	33°	79°	097.8	311.7	W.
5-24	2:00	2.73 1.00	1.73	0.02	1.75	93°	40°	60°	375.8	278.0	S.W.
5-31-55	1:00	1.94 1.00	0.94	0.32	1.26	82°	45°	63°	651.5	275.7	S.W.
Totals			5.42	1.72	7.14						

Date	Time	Hook Gage	Diff	Rain	EVAP	Temperatures Max	Min	Set	Wind Read	Diff	Direction
6-7-55	1:00	2.90	1.90	–	1.90	93°	41°	85°	940.9	289.4	S.W.
		1.00									
6-14-55	2:00	2.84	1.84	–	1.84	86°	48°	77°	263.5	312.6	S.W.
		1.00									
6-21-55	12:30	2.90	1.90	–	1.90	93°	42°	94°	491.2	227.7	S.W.
		1.00									
~~6-28-55~~	~~No reading~~										
		1.00									
Transcription 4-5-55 to here sent 7-8-55 ders.											
6-28-55	2:15	3.09	2.09	–	2.09	98°	45°	79°	867.2	376.0	S.W.
		1.00									
intp to Midnight 6-30-55			(0.69)		(0.69)						
Totals			8:30		8.30						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperatures Max°	Min°	Set°	Wind Read	Diff	Direction
			Intp (1.30)								
7-5-55	1:00	2.99	1.99		(1.30)	84°	45°	84°	188.6	311.4	S.W.
		1.00									
7-12-55	1:00	3.13	2.13		2.13	87°	41°	85°	489.4	300.8	S.W.
		1.00									
7-19-55	1:30	3.49	2.49		2.49	99°	51°	100°	780.0	290.6	W
		1.00									
7-26-55	2:00	3.33	2.33		2.33	100°	56°	85°	100.8	319.8	S.W.
		1.00									
Intp to Midnight 7-31-55			(1.59)		(1.59)						
Totals			9.84		9.84						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max°	Temperature Min°	Temperature Set°	Wind Read	Wind Diff	Wind Direction
			INTP (0.46)								
8-2-55	1.45	3.05	2.05	0.02	(0.48)	98°	53°	98°	386.9	285.6	S.W.
		1.00									
8-9-55	9:00AM	3.07	2.07	T	2.07	101°	58°	79°	657.2	270.8	W
		1.00									
8-16-55	9:00AM	2.81	1.81	0.06	1.87	93°	59°	76°	924.4	267.2	W
		1.00									
8-23-55	12:00	3.50	2.50	—	2.50	97°	50°	84°	235.8	301.4	W
8-30-55	1:30	2.91	1.91	—	1.91	101°	56°	95°	468.2	232.4	W
		1.00									
INTP to Midnight 8-31-55			(0.39)								
Totals			9.14	0.08	9.22						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max°	Min°	Set°	Wind Read	Diff	Direction
			INTP (2.45)								
9-6-55	2:30	3.84 1.00	2.84	—	(2.45)	113°	53°	108°	775.2	307.0	N.W.
9-13-55	1:00	3.21 1.00	2.21	—	2.21	110°	52°	103°	021.0	235.0	W
9-20-55	1:30	clean & paint Pan				104°	42°	85°	308.4	287.4	S.W.
Transcription (10-4-55) to here sent to I.A. Alice											
9-27-55	1:00	2.38 1.00	1.38		1.38	87°	44°	79°	558.3	249.9	S.W.
INTP to Midnight 9-30-55			(0.78)		(0.78)						
Totals			6.82		6.82						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperatures Max	Min	Set	Wind Read	Diff	Direction
10-4-55	2:30	2.58	INTP (.80) 1.58	–	(.80)	95°	59°	73°	811.3	253.0	S.W.
		1.00									
10-11-55	1:00	2.42	1.42	–	1.42	98°	36°	80°	77.2	265.9	S.W.
		1.00									
10-18-55	1:30	1.98	0.98	–	0.98	81°	39°	77°	271.6	194.4	S.W.
		1.00									
10-25-55	3:00	1.82	0.82		0.82	81°	45°	72°	434.3	162.7	S.W.
		1.00									
INTP TO Midnight 10-31-55		(1.00)		T	(1.00)						
Totals			5.02		5.02						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperatures Max	Min	Set	Wind Read	Diff	Direction
11-1-55	1:00	2.20	INTP .20 1.20	—	.20	95°	29°	72°	611.2	176.9	South
		1.00									
11-8-55	1:00	2.51	1.51	—	1.51	95°	36°	72°	895.6	284.4	East
		1.00									
11-15-55	10:00AM	1.45	0.45	0.60	1.05	90°	33°	53°	200.9	305.3	South
		1.00									
11-22-55	1:00	0.92	-0.08	0.50	0.42	82°	29°	63°	352.0	151.1	S.W.
		1.00									
11-29-55	2:30	2.00	0.50	Tr	0.50	82°	34°	56°	472.5	120.5	None
INTP To Midnight 11-30-55		1.50	0.06		0.06						
Totals			2.64	1.10	3.74						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max	Temperature Min	Temperature Set	Wind. Read	Wind. Diff	Wind. Direction
			INTP 20.47		INTP						
12-6-55	1:30	1.59	-0.41	0.71	.24	65°	45°	62°	691.3	218.8	NONE
		2.00									
12-13-55	1:30	2.50	0.50	0.08	0.58	83°	32°	76°	835.1	143.8	W
		2.00									
12-20-55	1:15	2.42	0.42	0.01	0.43	77°	30°	74°	003.8	168.7	W
		2.00									
12-27-55	2:00	2.39	0.39	0.02	0.41	76°	39°	61°	123.6	119.8	S.W.
		2.00									
Intp. To Midnight 12-31-55			.32		0.32						
Totals			1.16	0.82	1.98						

Transcription sent 1-5-56 to here ahead

1956

Temperatures Wind 72

Date	Time	Hook Gage	Diff	Rain	EVAP	Max	Min	Set	Read	Diff	Direction
			IMAP (.18)		IMAP (.18)						
1-3-56	2:00PM	2.50 2.00	.50	Tr	.50	85°	18°	85°	235.2	123.6	W
1-10-56	2:00	2.54 2.00	0.54		0.54	85°	21°	70°	341.2	235.2	W
1-17-56	1:00	2.53 2.00	0.53	0.02	0.55	80°	34°	70°	474.8	133.6	W
1-24-56	2:00	1.87 2.00	-.13	0.43	0.30	75°	36°	66°	610.8	136.0	S. W.
1-31-56	1:30	PAN RAN OVER ESTIMATED →	-2.53	2.76	ESTIMATED 0.23	67°	27°	60°	835.0	224.2	W.
Totals			-1.41	3.21	1.80						

Date	Time	Hook Gage	Diff.	Rain	Evap	Temperatures Max	Min	Wind Set	Read	Diff	Direction
2-7-56	1:30	3.52 3.00	0.52	T	0.52	68°	39°	66°	26.2	181.2	W
2-14-56	2:30	3.68 3.00	0.68	—	0.68	76°	21°	61°	229.7	203.5	S.W.
2-21-56	1:30	3.41 3.00	0.41	0.10	0.51	72°	21°	71°	413.9	184.2	S.W.
2-28-56	1:00	3.14 3.00	0.14	0.40	0.54	71°	25°	68°	568.7	154.8	W.
Int P. To Midnight 2-29-56			(.18)		(.18)						
Totals			1.93	0.50	2.43						

Date	Time	Hook Gage	Diff.	Rain	Evap	Temperatures Max	Min	Set	Wind Read	Diff	Direction
			INTP (.69)		INTP (.70)						
3-6-56	12:30	3.87 3.00	0.87	0.01		78°	26°	60°	744.8	176.1	N.W.
3-13-56	12:15	4.28 3.00	1.28	–	1.28	80°	21°	71°	61.0	306.2	W.
3-20-56	1:00	4.29 3.00	1.29	–	1.29	86°	22°	78°	327.1	267.1	S.W.
3-27-56	1:30	4.20 3.00	1.20		1.20	86°	31°	81°	576.0	327.1	S.W.
INTP To Midnight 3-31-56			(.86)		(.86)						
Totals			5.32	0.01	5.33						

Transcription to here sent in 4-4-56 Alice

APRIL - 1956

Date	Time	Hook Gage	Diff	Rain	Evap	Temperatures Max	Min	Set	Wind Read	Diff	Direction
			Int (.19)								
4-3-56	1:00	3.05 2.00	1.05	0.30	Int (.49)	88°	34°	68°	869.9	293.9	S. W.
4-10-56	1:00	3.33 2.00	1.33	-	1.33	81°	33°	60°	96.2	216.3	S.
4-17-56	12:00	1.94 2.00	-.06	0.88	0.82	70°	34°	61°	320.8	224.6	S.W.
4-24-56	1:00	3.37 2.00	1.37	-	1.37	88°	43°	72°	527.1	206.3	S.W.
Intr. to Midnight 4-30-56			(1.25)		(1.25)						
Totals			4.08	1.18	5.26						

DATE	TIME	HOOK GAGE	DIFF.	RAIN	EVAP.	Temperatures MAX	MIN	SET	Wind READ	DIFF.	DIRECTION
			Intp (.11)		Intp						
5-1-56	1:30	3.36	1.36	0.09	(.20)	75°	37°	71°	747.9	220.8	S.W.
		2.00									
5-8-56	1:00	4.29	1.79	—	1.79	81°	37°	72°	8.2	250.3	W
		2.50									
5-15-56	12:00	3.80	1.80	0.15	1.95	94°	35°	94°	297.5	289.3	E
		2.00									
5-22-56	12:30	3.43	1.43	—	1.43	103°	38°	80°	570.3	272.8	W
		1.00									
5-29-56	12:15	2.33	1.33	0.02	1.35	81°	50°	68°	789.0	218.7	W
		1.00									
Intp. to Midnight 5-31-56			(1.29)		(1.29)						
Totals			7.75	0.26	8.01						

76

DATE	TIME	HOOK GAGE	DIFF.	RAIN	EVAP.	Temperatures MAX	MIN	Set	Wind Read	DIFF	DIRECTION
			Intp (.70)		Intp (.70)						
6-5-56	1:00 PM	2.99	1.99	—	1.99	96°	41°	78°	003.7	204.7	SW
		1.00									
6-12-56	2:00	3.30	2:30	—	2.30	102°	42°	102°	214.7	211.0	S.W.
		1.00									
6-17-56	1:00	3.31	2.31	—	2.31	103°	51°	82°	458.7	244.0	S.W.
		1.00									
6-26-56	1:00	3.24	2.24	—	2.24	97°	49°	97°	689.5	230.8	S.W.
		1.00									
Int. to MIDNIGHT 6-30-56			(1.47)		(1.47)						
Totals			9.02	0.0	9.02						

DATE	TIME	HOOK GAGE	DIFF (.86)	RAIN	EVAP (.86)	TEMPERATURE MAX.	TEMPERATURE MIN.	WIND SET	WIND READ	WIND DIFF.	WIND DIRECTION
7-3-56	2:00	3.33	2.33	–	2.33	99°	60°	80°	922.5	233.0	S.W.
		1.00									
7-10-56	2:00	3.44	2.44	–	2.44	93°	52°	90°	181.1	248.6	S.W.
		1.00									
7-17-56	12:M	3.30	2.30	–	2.30	91°	-	84°	425.5	244.4	W.
		1.00									
7-24-56	1:20	3.47	2.47	–	2.47	96°	-	90°	692.3	692.3	S.W.
		1.00									
7-31-56	2:10	3.41	2.41	–	2.41	94°	-	88°	959.3	267.0	S.W.
		1.00									
Intp. to Midnight			(0.13)		(0.13)						
Totals			10.61	-	10.61						

DATE	TIME	Hook GAGE	DIFF	RAIN	EVAP.	TEMPERATURES MAX	MIN.	SET	WIND READ	DIFF.	DIRECTION
			(2.05)		(2.05)						
8-7-56	2:00	3.18	2.18	–	2.18	97°	–	90°	204.5	235.2	S.W
		1.00									
8-14-56	12:15	3.19	2.19	–	2.19	96°	–	91°	424.2	219.7	S.W
		1.00									
8-21-56	2:00	3.18	2.18	–	2.18	96°	–	93°	631.3	207.1	S.W.
		1.00									
8-28-56	2:30	3.38	2.38	–	2.38	109°	–	81°	868.3	237.0	S.W.
		1.00									
Intp. to Midnight			(0.89)		(0.89)						
Totals			9.69		9.69						

DATE

8-7

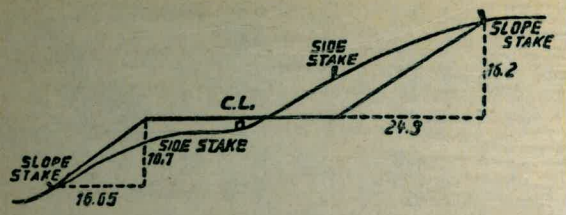
8-14

8-21

8-28

Intp. to

Tota



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.20	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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