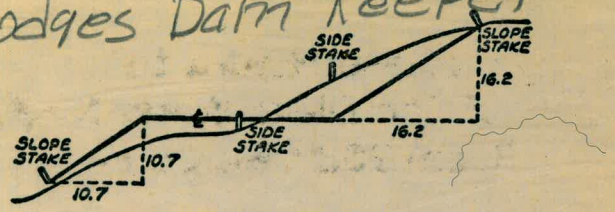
Original in Field
Hodges Dam Keeper



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.

779 DUPLICATE #2

Please Return to
City of San Diego Water Dept.
Room 903 Civic Center

TRANSCRIP OF OBSERVATIONS
TO BE SENT QUARTERLY TO

U. S. Dept. of Agriculture
Agricultural Research Service
Soil & Water Conservation Research Branch
Western Soil & Water Management Section
1509 Post Office - Court House
Los Angeles 12, California

Attention: Mr. Harry F. Blaney
State Research Supervisor

TYPED	BY	COPY FILED (G.F. / Tech. File / Dwgs)
1-11-57	Alice	6542-W
4-18-57	✓	✓
1-7-1960	FRED	
5-10-1960	Louise	

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	.028	.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

NOTE: ON WIND GAUGE, READINGS GO FROM ZERO TO 990, THEN START OVER AGAIN; THIS CAUSES AN APPARENT ERROR IN CALCULATIONS WHEN DIAL PASSES THE 990 END, AND STARTS OVER. ALWAYS DEDUCT 10 FROM MATHEMATICAL DIFFERENCE, TO GET TRUE DIFFERENCE, AT THIS POINT. JJ

DATE	TIME	Hook GAGE	DIFF.	RAIN	EVAP.	TEMPERATURES MAX.	MIN.	SET.	WIND READ	DIFF.	DIRECTION
9-4-56	1:15	2.82	(0.93) 1.82	-	(0.93) 1.82	97°	-	94°	56.5	178.2	S.W.
		1.00									
9-11-56	2:20	3:45	2.45		2.45	109°	-	97°	252.8	196.3	S.W.
		1.00									
9-18-56	12:15	3.20	2.20	-	2.20	100°	-	99°	411.4	158.6	W.
		1.00									
9-25-56	1:45	3.10	2.10	-	2.10	103°	-	98°	599.6	188.2	S.W.
		1.00									
Intp. to Midnight			(1.52)		(1.52)						
Totals			9.20		9.20						

DATE	TIME	Hook GAGE	DIFF.	RAIN	EVAP.	TEMPERATURES MAX	MIN	SET	WIND READ	DIFF.	DIRECTION
10-2-56	1:15	2.96	(0.44) 1.96	–	(0.44) 1.96	103°	–	82°	735.1	135.5	S.W.
		1.00									
10-9-56	1:00	2.31	1.31	0.03	1.34	88°	–	83°	919.6	184.5	S.W.
		1.00									
10-16-56	12:30	2.31	1.31	T	1.31	88°	–	79°	097.3	167.7	S.W.
		1.00									
10-23-56	2:00	3.03	1.03	0.08	1.11	96°	–	69°	310.9	213.6	W.
		2.00									
10-30-56	12:00	2.85	0.85	0.08	0.93	85°	–	76°	498.2	187.3	W.
		2.00									
Intp. to Midnight			(0.25)	–	(0.25)						
Totals			5.19	0.19	5.38						

Transcribed 11-21-56 alice

DATE	TIME	HOOK GAGE	DIFF	RAIN	EVAP	TEMPERATURES MAX	MIN	SET.	WIND READ	DIFF	DIRECTION
			(1.08)		(1.08)						
11-7-56	1:00	3.33	1.33	–	1.33	96°	–	95°	747.7	249.5	S.W.
		2.00									
11-13-56	2:00	3.37	1.37	–	1.37	97°	–	67°	974.3	226.6	S.W.
		2.00									
11-20-56	11:30	3.36	1.36	–	1.36	88°	–	63°	237.0	252.7	E.
		2.00									
11-27-56	12:45	3.82	1.82	–	1.82	86°		85°	520.0	283.0	HONE
		2.00									
INTERPOLATE TO MIDNIGHT 11-30-56			(0.59)		(0.59)						
TOTALS			6.22		6.22						

DATE:	TIME:	HOOK GAUGE	DIFF. (.61)	RAIN	EVAP. (.61)	TEMPERATURES MAX.	MIN.	SET.	WIND READ.	DIFF.	DIRECTION.
12-4-56	1:00	3.20	1.20	—	1.20	86°		69°	686.9	166.9	W.
		2.00									
12-11-56	2:00	2.45	0.45	0.58	1.03	76°		72°	917.8	230.9	S.W.
		2.00									
12-18-56	12:30	3.02	1.02	—	1.02	83°		79°	126.9	199.1	S.W.
		2.00									
12-26-56	1:45	3.40	1.40	—	1.40	83°		80°	393.1	262.2	E.
		2.00									
INTP. TO MIDNIGHT 12-31-56			(0.86)		(0.86)						
TOTALS			4.34	0.58	4.92						

TRANSCRIBED 1-10-57. P.L.

TYPED REPORT TO HERE - 1-11-57 aeice

DATE	TIME	HOOK GAUGE	DIFF.	RAIN	EVAP.	TEMPERATURE MAX.	TEMPERATURE MIN.	TEMPERATURE SET.	WIND READ.	WIND DIFF.	WIND DIRECTION
1-2-57	1:45	3.11	(0.25) 1.11	—	(0.25) 1.11	87°	—	69°	550.5	157.4	W
1-8-57	2:20	0.29 2.00	PAN RAN OVER. -1.71	2.28	0.57	73°	—	57°	687.7	137.2	NONE
1-15-57	12.00	1.50 3.00	-1.50	1.71	0.21	68°	—	65°	812.0	124.3	NONE
1-22-57	2.00	3.58 3.00	0.58	0.28	0.86	74°	—	60°	112.6	290.6	W
1-29-57	12:50	1.36 3.00	-1.64	1.92	0.28	65°	—	52°	284.6	172.0	E
INT. TO MIDNITE 1-31-57			(-0.40)	(0.48)	(0.08)						
TOTALS:			-4.42	6.67	2.25						

NOTE: RAINED ON 29TH. & 30TH. OF JAN.,
NO RAIN DURING 1ST. HALF OF FEB.

DATE	TIME	HOOK GAUGE	DIFF.	RAIN	EVAP.	TEMPERATURE MAX.	MIN.	SET.	WIND READ	DIFF.	DIRECTN
			(0.49)	(0.00)	(0.49)						
2-5-57	1:00	3.09	0.09	0.48	-0.57	78°	—	73°	433.8	149.2	S.W.
		3.00									
2-12-57	1:00	3.52	0.52	—	0.52	88°	—	88°	552.3	118.5	S.W.
		3.00									
2-19-57	1:30	3.25	0.25	0.21	0.46	89°	—	62°	687.0	134.7	S.W.
		3.00									
2-26-57	1:30	3.34	0.34	0.29	0.63	75°	—	74°	810.9	123.9	S.W.
		3.00									
INTERPOLATE TO MIDNIGHT 2-28-57			(0.06)	(0.12)	(0.18)						
TOTALS			1.66	0.62	2.28						
				1.10							

DATE:	TIME:	HOOK GAUGE:	DIFF.	RAIN:	EVAP.	TEMPERATURE: MAX:	MIN.	SET.	WIND: READ.	DIFF.	DIRECTION
			(0.08)	(0.35)	(0.43)						
3-5-57	1:45	3.14	0.14	0.47	0.61	75°	–	71°	93.9	273.0	S.
		3.00									
3-12-57	1:30	3.38	0.38	0.44	0.82	80°	–	66°	305.0	211.1	W.
		3.00									
3-19-57	2:00	3:49	0.49	0.33	0.82	74°	–	63°	506.7	201.7	E.
		3.00									
3-26-57	1:30	4.07	1.07	–	1.07	78°		76°	744.0	237.3	S.
		3.00									
INTERPOLATE TO MIDNIGHT 3-31-57.			(0.92)	(0.02)	(0.94)						
TOTALS:			2.94	1.14	4.08						
				1.61?							

TRANSCRIBED 4-17-57 DF

DATE:	TIME	HOOK GAUGE:	DIFF.	RAIN.	EVAP.	MAX.	MIN.	SET.	REAP.	DIFF.	DIRECTION
			(0.26)	(0.00)	(0.26)						
4-2-57	1.00	4.18	~~1.18~~	0.02	1.20	86°	—	74°	942.7	198.7	W
		3.00									
4-9-57	1:00	4.34	1.34	—	1.34	84°	—	69°	124.2	171.5	S.W.
		3.00									
4-16-57	1:00	4.36	1.36	0.01	1.37	78°	—	70°	343.5	219.3	S.W.
		3.00									
4-23-57	1:00	2.87	-0.13	1.07	0.94	75°	—	59°	576.0	232.5	NONE
		3.00									
4-30-57	1:50.	4.34	1.34	—	1.34	90°	—	78°	765.5	189.5	W.
INTERPOLATE TO MIDNIGHT 4-30			0.09		0.09						
TOTALS.			4.26	1.10	5.36						

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max	Min	Set	Wind Read	Diff	Direction
INTERPOLATE			-1.47		1.47		—				
5-7-57	12:45 P.	4.56 3.00	1.56	TR.	1.56	81°	—	59°	037.2	261.7	NONE.
5-14-57	2:00	3.32 3.00	0.32	0.83	1.15	74°	59°	63°	292.4	255.2	W
5-21-57	1:35	3.80 3.00	0.80	0.53	1.33	80°	44°	68°	591.4	299.0	W
5-28-57	1:30	4.58 3.00	1.58	—	1.58	81°	43°	69°	918.9	327.5	NONE.
INTERPOLATE TO MIDNIGHT 5-31			0.94		0.94						
TOTALS:			5.11	1.36	6.47						

DATE:	TIME:	HOOK GAUGE	DIFF.	RAIN	EVAP.	TEMP. MAX.	TEMP. MIN.	TEMP. SET.	WIND. READ.	WIND. DIFF.	WIND. DIRECTION
INTERPOLATE:			0.96		0.96						
6-4-57	12:30 P.	3.90	1.90		1.90	105°	44°	103°	204.7	275.8	W.
		2.00									
6-11-57	1:30 P.	3.43	1.43	0.40	1.83	104°	44°	79°	548.5	343.8	W.
		2.00									
6-18-57	11:00 A.	4.04	2.04	—	2.04	103°	46°	—	848.7	300.2	SW.
		2.00									
6-25-57	1:30 P.	4.23	2.23	TR.	2.23	105°	48°	—	152.4	293.7	SW.
		2.00									
INTERPOLATED TO MIDNITE	6-30,		1.62		1.62						
TOTALS:			8.28	0.40	8.68						

8-13-57 TYPED THRU 6-30-57, ALICE R.

Date	Time	Hook Gauge	Diff.	Rain	Evap	Temp. Max.	Temp. Min.	Temp. Set.	Wind Read.	Wind Diff.	Wind Direct'n
Interpolate			0.57		0.57						
7-2-57	1:30 P.	4.19	2.19	—	2.19	95°	50°	—	479.6	327.2	W.
		2.00									
7-9-57	1:30 P.	4.50	2.50	—	2.50	110°	52°	—	776.3	296.7	S.
		2.00									
7-16-57	1:00 P.	4.31	2.31	—	2.31	100°	60°	—	092.3	306.0	W.
		2.00									
7-23-57	1:00 P.	4.16	2.16	—	2.16	91°	58°	—	401.1	308.8	SW.
		2.00									
7-30-57	2:00 P.	4.13	2.13	—	2.13	102°	57°	—	701.6	300.5	W.
		2.00									
Interpolated to Midnight 7-31.			0.45		0.45						
Totals:			10.12	0	10.12						

DATE:	TIME:	HOOK GAUGE:	DIFF.	RAIN.	EVAP.	TEMP. MAX.	TEMP. MIN.	TEMP. SET.	WIND. READ.	WIND. DIFF.	WIND. DIRECTION
INTERPOLATE:			1.75		1.75						
8-6-57	12:15P.	4:20 2:00	2.20	—	2.20	107°	60°	—	983.2	281.6	SW.
8-13-57	1:30	4.20 2.00	2.20	—	2.20	98°	66°	—	371.3	378.1	W
8-20-57	2:00	4.30 2.00	2.30	—	2.30	98°	65°	—	734.5	417.2	S.W.
8-27-57	1:00	6.15 4.30	1.85	—	1.85	100°	62°	—	046.4	301.9	W
INTERPOLATE TO MIDNITE 8-31-57			1.16		1.16						
TOTALS			9.12	0	9.12						

date	Time	HOOK GAGE	Diff	Rain	EVAP	Temperatures Max	Min	Set	Wind Read	Diff	Direction
INTERPOLATE			.66		.66						
9-3-57	1:30	3.82	1.82	—	1.82	99°	47°		378.5	332.1	S
		2.00		—							
9-10-57	2:00	3.92	1.92	—	1.92	95°	45°		722.4	343.9	W
		2.00									
9-17-57	1:00	3.60	1.60	—	1.60	86°	48°		63.7	331.3	W
		2.00									
9-24-57	1:20	3.74	1.74	—	1.74	94°	50°		396.5	332.8	S.W.
		2.00									
INTERPOLATED 9-30-57			1.78		1.78						
TOTALS			7.70		7.70						

date	Time	Hook Gage	Diff	Rain	EVAP	Temperatures Max	Min	set	Wind Read	Diff	Direct 10 m
INTERPOLATED			(.15)		(.15)						
10-1-57	1:00	3.93	~~1.93~~	—	~~1.93~~	97°	52°		695.7	299.2	S.W.
		2.00									
10-8-57	2:00	3.34	1.34		1.34	85°	49°		968.4	272.7	S
		2.00									
10-15-57	1:30	2.10	0.10	0.88	0.98	84°	48°		250.1	271.7	W
		2.00									
10-22-57	12:30	2.19	0.19	0.54	0.73	78	48°		519.5	269.4	S.W.
		2.00									
10-29-57	11:00	2.64	0.64	0.18	0.82	88°	49°		725.2	205.7	E
		2.00									
INTERPOLATED TO MIDNIGHT 10-31-57			(0.09)	(0.26)	(0.35)						
TOTALS			2.51	1.86	4.37						

Date	Time	Hook Gauge	Difference	Rain	Evap.	Temperatures Maximum	Minimum	Set	Read	Difference	Direction
INTERPOLATED			(-22)	(0.50)	(0.28)						
11-5-57	1:40	1.87	~~-13~~	~~0.76~~	~~0.63~~	80°	37°		010.3	275.1	E
		2.00									
11-12-57	9:30	2.60	0.60	0.01	0.61	74°	36°		184.8	174.5	None
		2.00									
11-19-57	1:00 P.M.	1.84	-16	0.63	0.47	74°	33°		424.6	239.8	WEST
		2.00									
11-26-57	1:30 P.M.	3.10	1.10		1.10	89°	32°		667.8	243.2	WEST
		200									
INTERPOLATED TO MIDNIGHT 11-30-57			1.15		1.15						
TOTALS			2.47	1.14	3.61						

Date	Time	Hook Gauge	Difference	Rain	Evaporation	Temperatures Maximum	Minimum	Set	Wind Read	Difference	Direction
INTERPOLATED			0.64		0.64						
12-4-57	1:45	3.79	~~1.79~~	—	~~1.79~~	85°			117.5	439.7	W
		2.00									
12-10-57	1:30	2.39	0.39	0.45	0.84	85°			400.0	282.5	None
		2.00									
12-17-57	1:30	2.19	0.19	0.43	0.62	84°			628.5	228.5	W.
		2.00									
12-24-57	1:00	2.44	0.44	0.01	0.45	73°			762.4	133.9	W.
		2.00									
12-31-57	12:15	2.70	0.70	—	0.70	80°			014.8	242.4	S.W.
		2.00									
INTERPOLATED TO MIDNIGHT 12-31-57			0.59		0.59						
TOTALS			2.95	0.89	3.84						

Date	Time	Hook Gauge	Difference	Rain	Evaporation	Temperatures Maximum	Minimum	Set	Wind Read	Difference	Direction
INTERPOLATED			0.47		0.47						
1-7-58	1:05	3.06	~~1.06~~	—	~~1.06~~	81°	31°		293.6	278.8	E
		2.00									
1-14-58	2:30	2.89	0.89	—	0.89	80°	30°		525.7	232.1	E
		2.00									
1-21-58	1:40	3.39	1.39	—	1.39	81°	28°		791.0	265.3	N
		2.00									
1-28-58	11:40	1.73	-0.27	1.04	0.77	69°	26°		045.7	244.7	None
		2.00									
INTERPOLATED TO MIDNIGHT 1-31-58			(0.55)	(0.04)	(0.59)						
TOTALS			3.03	1.08	4.11						

Date	Time	Hook Gauge	Difference	Rain	Evaporation	Temperatures Maximum	Minimum	Set	Wind Read	Difference	Direction
INTERPOLATED			(- 1.73)	(2.83)	(1.10)						
2-7-58	1:00	-0.82	~~-1.18~~	~~2.87~~	~~1.69~~	79°	28°		564.3	518.6	W.
		2.00									
2-10-58	1:20	2.35	0.35	—	0.35	70°	28°		676.3	112.0	W.
		2.00									
2-18-58	12:30	2.52	0.52	0.17	0.69	81°	29°		889.9	213.6	W
		2.00									
2-25-58	3:00	1.70	-0.30	1.15	0.85	74°	27°		135.6	235.7	W
		2.00									
INTERPOLATED TO MIDNIGHT 2-28-58			(0.39)	(0.04)	(0.43)						
TOTALS			-0.77	4.19	3.42						

Date	Time	Hook Gauge	Difference	Rain	Evaporation	Temperatures Maximum	Minimum	Set	Wind Read	Difference	Direction
INTERPOLATED			(0.25)	(0.21)	(0.46)						
3-4-58	2:30	2.64	~~0.64~~	~~0.25~~	~~0.89~~	67°	26°		292.3	256.7	W.
		2.00									
3-11-58	2:20	1.55	-0.45	1.35	0.90	70°	30°		696.1	303.8	S.W.
		2.00									
3-18-58	1:30	0.76	-1.24	1.91	0.67	65°	34°		961.6	265.5	W.
		2.00									
3-25-58	1:10	1.10	- 1.90	2.46	0.56 ~~3.36~~	73°	36°		248.6	277.0	W.
		3.00 ~~2.00~~									
INTERPOLATED TO MIDNIGHT 3-31-58			-0.66 ~~-0.48~~	1.15 ~~0.98~~	0.50						
TOTALS			-3.99 ~~-3.82~~	7.08 ~~6.91~~	3.09						

D	Date	Time	Hook Gauge	Difference	Rain	Evaporation	Temperatures Maximum	Minimum	Set	Wind Read	Difference	Direction
IN	INTERPOLATED			~~-0.12~~ -0.05	~~0.26~~ 0.09	+ 0.04						
3	4-1-58	11:30	2.30 ~~0.30~~ 3.60 ~~2.00~~	-.70 ~~-1.70~~	~~1.24~~	+ 0.54 ~~-0.46~~	66°	35°		569.4	320.8	S.W.
3	4-8-58	1:45	0.66	Pan run over -1.34	4.06	2.72	66°	36°		918.0	348.6	S.W.
			2.00									
3	4-16-58	2:00	3.85	1.85	—	1.85	88°	40°		240.1	312.1	W.
			2.00									
3	4-22-58	12:00	3.44	1.44	—	1.44	93°	45°		513.9	273.8	W.
			2.00									
IN TO	4-29-58	1:15	3.70	1.70	—	1.70	75°	48°		812.2	298.3	S.W.
T			2.00									
	INTERPOLATED TO MIDNIGHT 4-30-58			0.27		0.27						
	TOTALS:			3.87 ~~3.80~~	4.15 ~~4.32~~	8.02 ~~8.12~~						

DATE	TIME	HOOK GAGE	DIFF.	RAIN	EVAP.	TEMPERATURE MAX.	MIN.	SET.	WIND READ.	DIFF.	DIRECTION
INTERPOLATED			1.02								
5-6-58	12:15	3.29	1.29	T	1.29	87°	62°		183.5	361.3	W.
		2.00									
5-13-58	2:15	3.14	1.14	0.21	1.35	77°	53°		517.5	334.0	W.
		2.00									
5-20-58	2:40	3.94	1.94	—	1.94	87°			879.7	362.2	S.W.
		2.00									
5-27-58	2:15	3.93	1.93	—	1.93	90°			253.5	363.8	S.W.
		2.00									
INTERPOLATED TO MIDNITE 5-31-58			1.34		1.34						
TOTALS			7.37	0.21	7.58						

Date	Time	Hook Gage	Diff.	Rain.	Evap.	Temp. Max.	Temp. Min.	Temp. Set.	Wind. Read	Wind. Diff.	Wind. Direction
Interpolated			0.78		0.78						
6-3-58	2:00	4.12	2.12	—	2.12	90°			603.9	350.4	S.W.
		2.00									
6-11-58	2:10	4.37	2.37		2.37	80°			065.3	451.4	S.
		2.00									
6-17-58	2:00	3.65	1.65		1.65	87°			397.8	332.5	W.
		2.00									
6-24-58	1:35	4.20	2.20		2.20	88°			788.6	390.8	S.W.
		2.00									
Interpolated To Midnight 6-30-58			2.02		2.02						
Totals:			9.02		9.02						

DATE	TIME	HOOK GAGE	DIFF	RAIN	EVAP.	TEMP. MAX.	TEMP. MIN.	TEMP. SET.	WIND READ	WIND DIFF.	WIND DIR.
INTERPOLATED			0.18		0.18						
7-1-58	2:00 P.M.	4.20	2.20	–	2.20	95°			206.6	408.0	S.W.
		2.00									
7-8-58	2:00	4.06	2.06	–	2.06	97°			585.7	379.1	S.W.
		2.00									
7-15-58	1:45	4.47	2.47	–	2.47	102°			013.0	417.3	S.
		2.00									
7-22-58	2:30	4.20	2.20	–	2.20	89°			395.2	382.2	W.
		2.00									
7-29-58	11:00	4.14	2.14	–	2.14	88°			745.1	349.9	N.W.
		2.00									
INTERPOLATED TO MIDNITE 7-31-58			0.75		0.75						
TOTALS:			9.80		9.80						

DATE	TIME	HOOK GAGE	DIFF.	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND READ.	WIND DIFF.	WIND DIR.
INTERPOLATED			1.35		1.35					
8-5-58	1:00	4.10	2.10	—	2.10	92°		087.3	332.2	W.
		2.00								
8-12-58	2:00	3.99	1.99	—	1.99	99°		719.8	332.5	S.W.
		2.00								
8-19-58	1:50	4.14	2.14	—	2.14	97°		749.8	329.9	S.
		2.00								
8-26-58	1:45	3.93	1.93	—	1.93	91°		113.5	353.8	S.
		2.00								
INTERPOLATED TO MIDNITE 8-31-58			1.49		1.49					
TOTALS:			8.90		8.90					

DATE:	TIME:	HOOK GAGE:	DIFF.	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN	WIND. READ	WIND. DIFF.	WIND. DIR.
INTERPOLATED			0.43		0.43					
9-2-58	2:00	3.92	1.92	–	1.92	90°		460.0	346.5	W.
		2.00								
9-9-58	1:30	4.02	2.02	–	2.02	100°		777.2	317.2	W.
		2.00								
9-16-58	1:00	3.99	1.99		1.99	102°		078.0	295.8	S.W.
		2.00								
9-23-58	10:30	3.89	1.89	0.03	1.92	100°		379.7	301.7	N.
		2.00								
9-30-58 NO READING THIS WEEK										
INTERPOLATED TO MIDNITE 9-30-58			1.48		1.48					
TOTALS:			7.81	0.03	7.84					

DATE:	TIME:	HOOK GAGE	DIFF.	RAIN	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND READ:	WIND DIFF.	WIND DIR.
			1.25		1.25					
10-7-58	9:30	4.73	2.73	—	2.73	105°		933.3	553.6	S.W.
		2.00								
10-14-58	2:30	4.40	1.40	—	1.40	101°		231.4	288.7	W.
		3.00								
10-21-58	1:30	4.25	1.25		1.25	106°		522.4	291.0	W.
		3.00								
10-28-58	1:40	3.91	0.91	0.35	1.26	82°		705.3	182.9	W.
		3.00								
INTERPOLATED TO MIDNITE 10-31-58			0.61		0.61					
TOTALS:			5.42	0.35	5.77					

Date	Time	Hook Gage	Diff.	Rain.	Evap.	Temp. Max.	Temp. Min.	Wind. Read	Wind. Diff.	Wind. Dir.
Interpolated:			0.64		0.64					
11-4-58	1:30	4.25	1.25	—	1.25	90°		040.3	142.6	S.
		3.00								
11-11-58	1:30	3.53	0.53	0.25	0.78	85°		278.8	238.5	E.
		3.00								
11-18-58	1:30	3.40	0.40	0.35	0.75	75°		633.1	354.3	E.
		3.00								
11-25-58	11:30	3.88	0.88	—	0.88	84°		863.7	230.6	SW
		3.00								
Interpolated to midnite 11-30-58			0.71		0.71					
Totals:			3.16	0.60	3.76					

DATE	TIME	HOOK GAGE	DIFF.	RAIN.	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED			21		21					
12-2-58	2:30	3.92	0.92	—	0.92	90°		139.5	265.8	S.W.
		3.00								
12-9-58	1:30	3.75	0.75	—	0.75	96°		349.3	209.8	S.W.
		3.00								
12-16-58	3:00	4.33	1.33	—	1.33	92°		671.5	322.2	W.
		3.00								
12-23-58	1:00	3.60	0.60	—	0.60	87°		826.8	155.3	S.W.
		3.00								
12-30-58	2:30	3.60	0.60	0.16	0.76	78°		153.5	316.7	E.
		3.00								
INTERPOLATED TO MIDNITE 12-31-59			0.13	—	0.13					
TOTALS:			3.62	0.16	3.78					

DATE:	TIME:	HOOK GAGE:	DIFF.	RAIN.	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF.	WIND. DIR.
INTERPOLATED			0.34		0.53					
1-6-59	2:00	3.47	0.47	0.19	0.66	79°		473.9	320.4	W.
		3.00								
1-13-59	2:00	3.54	0.54	—	0.54	81°		666.2	192.3	S.W.
		3.00								
1-20-59	2.00	3.74	0.74	—	0.74	81°		892.6	226.4	W.
		3.00								
1-27-59	10:00	3.79	0.79	—	0.79	79°		150.0	247.4	SW
		3.00								
INTERPOLATED TO MIDNITE 1-31-59:			0.35		0.35					
TOTALS:			2.76	0.19	2.95					

RAIN OCCURED ON JAN. 5TH ONLY, NO PART GIVEN TO LAST TWO DAYS OF DEC., BY INTERPOLATION.

	DATE:	TIME:	GAGE:	DIFF:	RAIN:	EVAP:	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF.	WIND. DIR.
1	INTERPOLATED			0.19		0.19					
1	2-3-59	1:30	3.54	0.54	—	0.54	79°		387.9	237.9	S.W.
			3.00								
1	2-10-59	1:10	2.00	-1.00	1.08	0.08	69°		768.1	380.2	S.
			3.00								
1	2-17-59	12:15	1.30	-1.70	2.23	0.53	68°		179.2	401.1	W.
			3.00								
1	2-24-59	11:50	2.44	-0.56	1.21	0.65	73°		430.1	250.9	S.
			3.00								
1	INTERPOLATED TO MIDNITE 2-28-59			0.64		0.64					
	TOTALS:			-2.43	4.52	2.09					

DATE:	TIME	GAGE:	DIFF.	RAIN:	EVAP.	TEMP MAX.	TEMP MIN.	WIND READ:	WIND DIFF.	WIND DIR.
INTERPOLATED			0.37		0.37					
3-3-59	2:00	4.01	1.01	—	1.01	83°		757.1	377.0	W.
		3.00								
3-10-59	2:00	4.46	1.46	—	1.46	83°		122.3	355.2	S.W.
		3.00								
3-17-59	1:15	4.78	1.78	—	1.78	84°	34°	524.5	402.2	W.
		3.00								
3-23-59	2:15	4.40	1.40	T	1.40	86°	36°	868.4	343.9	W.
		3.00								
3-31-59	2:00	4.50	1.50	0.05	1.55	80°	35°	242.2	363.8	W.
		3.00								
INTERPOLATED TO MIDNITE 3-31-59			0.07		0.07					
TOTALS:			6.58	0.05	6.63					

Date:	Time:	Gage:	Diff:	Rain:	Evap.	Temp. Max.	Temp. Min.	Wind. Read:	Wind. Diff:	Wind. Dir.
Interpolated:			1.35		1.39					
4-8-59	2:30	4.42	1.42	0.04	1.46	92°	41°	583.3	341.1	S.W.
		3.00								
4-14-59	2:30	4.58	1.58	—	1.58	82°	38°	900.7	317.4	W.
		3.00								
4-21-59	2:30	4.43	1.43	—	1.43	78°	48°	274.9	364.2	W.
		3.00								
4-28-59	11:30	4.09	1.09	0.29	1.38	85°	46°	608.0	333.1	S.W.
		3.00								
Interpolated to Midnite 4-30-59			0.64		0.64					
Totals:			6.09	0.33	6.42					

Mailed in Nov. '58 thru April '59, to Mr. Blakey on June 10, 1959.

DATE:	TIME:	GAGE:	DIFF.	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF.	WIND. DIR.
INTERPOLATED:			1.16		1.16					
5-5-59	2:00	4.80	1.80	—	1.80	79°	37°	068.3	450.3	N.W.
		3.00								
5-12-59	10:40	4.80	1.80	—	1.80	82°	41°	450.0	381.7	S.W.
		3.00								
5-19-59	12:45	4.82	1.82	—	1.82	80°	47°	885.2	435.2	N.W.
		3.00								
5-26-59	12:50	4.55	1.55	T.	1.55	73°	50°	280.0	384.8	S.
		3.00								
INTERPOLATED TO MIDNITE 5-31-59			1.55		1.55					
TOTALS:			7.88	T.	7.88					

DATE:	TIME:	GAGE:	DIFF:	RAIN.	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			0.42		0.42					
6-2-59	12:15	4.97	1.97	–	1.97	81°	48°	699.4	419.4	W.
		3.00				COPIED TO 6-2-59 ON 6-4-59. Herndr				
6-10-59	2:00	5.45	2.45	–	2.45	85°	52°	263.3	553.9	S.W.
		3.00								
6-16-59	1:38	4.90	1.90	–	1.90	90°	50°	682.0	418.7	S.W.
		3.00								
6-23-59	12:00	5.40	2.40	–	2.40	94°	44°	178.0	486.0	W.
		3.00								
6-30-59	12:15	PAN LEAKING		–		91°	51°	697.6	519.6	S.W.
		3.00								
INTERPOLATED TO MIDNIGHT 6-30-59.										
TOTALS:			INCOMPLETE 7.17+		NONE. INCOMPLETE 7.17+					

DATE:	TIME	GAGE:	DIFF:	RAIN	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:					NONE.					
7-7-59	10 A.M.	REPAIRING PAN		—		92°	56°	231.5	523.9	S.W.
		3.00								
7-14-59	1:30 P.M.	6.02	3.02	—	3.02	105°	49°	725.3	493.8	S.W.
		3.00								
7-21-69	2:35 P.M.	5.22	2.22	—	2.22	98°	60°	218.3	483.0	S.
		3.00								
7-28-59	11.05 A.M.	5.43	2.43	—	2.43	101°	58°	684.5	466.2	S.
		3.00								
INTERPOLATED TO MIDNIGHT 7-31-59			1.26		1.26					
TOTALS:			INCOMPLETE 8.93+		INCOMPLETE. 8.93+					

DATE:	TIME:	GAGE:	DIFF:	RAIN:	EVAP:	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			1.27		1.27					
8-4-59	1:30P.M.	5.53	2.53	—	2.53	103°	62°	121.3	426.8	S.W.
		3.00								
8-11-59	1:20P.M.	5.52	2.52	—	2.52	97°	53°	604.6	483.3	S.W.
		3.00								
8-18-59.	9:50A.M.	5.15	2.15	—	2.15	90°	57°	074.8	460.2	W.
		3.00								
8-25-59	10:45A.	5.02	2.02	—	2.02	98°	47°	477.9	403.1	NONE.
		3.00								
INTERPOLATED TO MIDNIGHT 8-31-59.			1.87		1.87					
TOTALS:			9.83		9.83					

DATE:	TIME:	GAGE:	DIFF:	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND: READ:	WIND: DIFF:	WIND: DIR.
INTERPOLATED:			0.16		0.16					
9-1-59	1 P.M.	5.03	2.03	—	2.03	96°	51°	880.3	402.4	S.W.
		3.00								
9-8-59	10:35 A.	5.11	2.11	—	2.11	92°	51°	377.6	487.3	W.
		3.00								
9-15-59	1:45 P.M.	5.08	2.08	TR.	2.08	100°	53°	848.0	470.4	W.
		3.00								
9-22-59	1:45 P.M.	4.80	1.80	—	1.80	82°	52°	215.8	357.8	S.W.
		3.00								
9-29-59	2:10 P.M.	4.70	1.70	—	1.70	86°	51°	591.9	376.1	W.
		3.00								
INTERPOLATED TO MIDNIGHT 9-30-59			0.24	0.06	0.30					
TOTALS:			8.09	0.06	8.15					

DATE	TIME:	GAGE:	DIFF:	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			0.91	0.24	1.15					
10-6-59	11:30A.	4.15	1.15	0.30	1.45	88°	44°	906.9	315.0	W.
		3.00								
10-13-59	1:30P.	4.41	1.41	—	1.41	94°	45°	223.0	306.1	W.
		3.00								
10-20-59	12:40P.	4.74	1.74	—	1.74	100°	40°	560.9	337.9	W.
		3.00								
10-28-59	12.00	4.10	1.10	TR.	1.10	96°	44°	950.6	389.7	W.
		3.00								
INTERPOLATED TO MIDNIGHT 10-31-59.			0.20	0.25	0.45					
TOTALS:			5.36	0.49	5.85					

DATE:	TIME:	GAGE:	DIFF:	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND: READ:	WIND: DIFF:	WIND: DIR:
INTERPOLATED:			0.13	0.17	0.30					
11-3-59	10:00 A.M.	3.33	0.33	0.42	0.75	75°	38°	168.0	207.4	W.
		3.00								
11-10-59	1:40 P.M.	5.15	2.15	—	2.15	90°	37°	682.0	514.0	S.W.
		3.00								
11-17-59	10:15 A.M.	3.86	0.86	—	0.86	84°	36°	865.0	183.0	NONE.
		3.00								
11-24-59	2:00 P.M.	4.71	1.71	—	1.71	90°	30°	194.2	319.2	S.W.
		3.00								
INTERPOLATED TO MIDNIGHT 11-30-59.			1.56	—	1.56					
TOTALS:			5.91	0.17	6.08					

DATE:	TIME:	HOOK GAGE:	DIFF:	RAIN	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND: READ:	WIND: DIFF:	WIND: DIR.
INTERPOLATED:			0.14		0.14					
12-1-59	1:30 P.M.	4.70	1.70	—	1.70	90°	27°	587.1	392.9	E.
		3.00				COPIED TO 12-1-59 ON 12-14-59 Afterward.				
12-8-59	1:00	4.53	1.53	0.02	1.55	90°	28°	983.0	395.9	E
		3.00								
12-15-59	11:AM	2.85	-.15	0.86	0.71	75°	30°	284.3	291.3	W
		3.00								
12-22-59	10:AM	0.00	0.00	0.58	0.58	82°	32°	512.6	228.3	W
		3.00								
12-29-59	12:30	2.68	-0.32	0.75	0.43	68°	30°	766.2	253.6	S
		3.00								
INTERPOLATED TO MIDNIGHT 12-31-59			-0.45	0.87	0.42	COPIED & SENT TO BIANEY 1-7-1960				
Totals			0.75	3.08	3.83					

Date	Time	Hook Gage	Diff	Rain	Evap	Temperature Max	Temperature Min	Temperature Set	Wind Read	Wind Diff	Wind Direction
INTERPOLATED			1.14	0	1.14						
1-5-60	12:50	3.69	0.69	0.87	1.56 ~~0.18~~	66°	25°		096.1	319.9	S
		3.00				copied 1-6-60					
1-12-60	11:30A.M.	2.20	-0.80	1.36	0.56	69°	28°		335.4	239.3	W.
		3.00									
1-19-60	1:00P.M.	2.00	-1.00	1.48	0.48	61°	31°		646.3	310.9	S.
		3.00									
1-26-60	1:45P.M.	3.43	0.43	0.36	0.79	73°	30°		921.8	275.5	W.
		3.00									
INTERPOLATED TO MIDNIGHT 1-31-60			0.86	0	0.86						
TOTALS:			0.63	3.20	3.83						

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP:	TEMPERATURE MAX.	TEMPERATURE MIN.	WIND READ:	WIND DIFF:	WIND DIR.
INTERPOLATED:			-1.16	1.23	0.07					
2-2-60	10:45A.	2.70	-0.30	1.23	0.93	80°	34°	284.6	352.8	W.
		3.00								
2-9-60	10:30A.	3.19	0.19	0.37	0.56	80°	34°	590.7	306.1	W.
		3.00								
2-16-60	1:30P.	3.39	0.39	0.57	0.96	74°	28°	866.8	276.1	S.
		3.00								
2-23-60	9.35	3.86	0.86	0.08	0.94	74°	30°	161.6	284.8	S.W.
		3.00								
INTERPOLATED TO MIDNIGHT 2-29-60			-0.30	0.83	0.53					
TOTALS:			-0.02	3.08	3.06					

(RAIN AT START OF MONTH FELL ON FEB. 1ST., NONE ALLOWED FOR LAST WEEK IN JAN.; RAIN AT END OF MONTH FELL ON FEB. 28, 29, AND MAR. 1, AND PROPORTIONED IN SAME RATIO AS RECORDED RAINFALL AT HODGES DAM.)

N.

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR:
INTERPOLATED:			−0.05	0.10	0.05					
3-1-60	2 P.M.	2.65	−0.35	0.93	0.58	65°	28°	405.0	243.4	W.
		3.00								
3-8-60	10:30 A.	3.85	0.85	0.02	0.87	80°	35°	646.6	241.6	S.E.
		3.00								
3-15-60	2:15 P.M.	3.96	0.96	0.09	1.05	76°	39°	959.6	313.0	S.W.
		3.00								
3-22-60	11:30 A.M.	4.67	1.67		1.67	88°	34°	264.4	294.8	S.W.
		3.00								
3-29-60	10:30 A.M.	3.52	0.52	0.39	0.91	71°	37°	465.7	201.3	W.
		3.00								
INTERPOLATED TO MIDNIGHT 3-31-60			0.69		0.69					
TOTALS:			4.64	0.60	5.24					

(RAIN PROPORTIONED IN SAME RATIO AS HODGES DAM, FOR FEB. 28-29 AND MAR. 1) JK

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			1.24	—	1.24					
4-5-60	1:30 P.M.	4.93	1.93	—	1.93	92°	38°	738.6	372.9	S
		3.00								
4-12-60	12:30 P.M.	4.63	1.63	T.	1.63	88°	38°	020.0	271.4	S
		3.00								
4-19-60	2:00	4.98	1.98	—	1.98	87°	34°	213.4	193.4	S.W.
		3.00								
4-26-60	2:15	3.99	.99	0.43	1.42	81°	34°	521.4	308.0	W.
		3.00								
INTERPOLATED TO MIDNIGHT 4-30-60			.68	0.27	0.95					
TOTALS.			6.52	0.70	7.22					

(INTERPOLATION BASED ON ASSUMPTION THAT ALL RAIN FELL IN A 24 HR. PERIOD ON 26-27, AND NO EVAP. TOOK PLACE DURING THIS PERIOD.) M

DATE:	TIME:	HOOK GAUGE	DIFF:	RAIN:	EVAP:	TEMPERATURE: MAX.	MIN.	~~SET.~~	WIND: READ:	DIFF:	DIR:
INTERPOLATED:			.52	0	0.52						
5-3-60	1:45	4.20	1.20	0.27	1.47	87°	40°		741.7	220.3	W.
		3.00				COPIED TO 5-3-60 DH					
5-10-60	10:30	4.67	1.67	0.17	1.84	90°	41°		2.5	250.8	W.
		3.00									
5-17-60	2 P.M.	4.80	1.80	0.03	1.83	96°	46°		253.1	250.6	W.
		3.00									
5-24-60	2:30 P.M.	5.19	2.19	—	2.19	91°	41°		505.1	252.0	S.W.
		3.00									
5-31-60	3.20 P.M.	5.21	2.21	—	2.21	89°	46°		690.0	184.9	W.
		3.00									
INTERPOLATED TO MIDNIGHT, 5-31-60			0.07		0.07						
TOTALS:			8.46	0.20	8.66						

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP:	TEMPERATURE: MAX:	MIN:	WIND. READ:	DIFF:	DIR.
INTERPOLATED:			1.33	0.01	1.34					
6-7-60	2:30P.	4.40	1.40	0.01	1.41	84°	58°	778.5	88.5	W.
		3.00								
6-14-60	2:45P.	5.11	2.11	—	2.11	83°	50°	916.0	137.5	S.W.
		3.00								
6-21-60	2:30P.	5.58	2.58	—	2.58	96°	48°	209.1	283.1	S.W.
		3.00								
6-28-60	12:30P.	5.65	2.65	—	2.65	98°	50°	363.0	153.9	S.W.
		3.00								
INTERPOLATED TO MIDNIGHT 6-30-60			0.92	—	0.92					
TOTALS:			9.59	0.01	9.60					

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP:	TEMPERATURE MAX.	TEMPERATURE MIN.	WIND READ:	WIND DIFF:	WIND DIR.
INTERPOLATED:			1.63		1.63					
7-5-60	10 A.M.	5.55	2.55	—	2.55	100°	45°	553.0	190.0	S.W.
		3.00								
7-12-60	12:30 P.M.	5.36	2.36	—	2.36	90°	49°	651.0	98.0	S.W.
		3.00								
7-19-60	12:30 P.M.	5.71	2.71	—	2.71	101°	49°	854.2	203.2	S.W.
		3.00								
7-26-60	10:30 A.M.	5.90	2.90	—	2.90	108°	62°	068.8	204.6	S.W.
		3.00								
INTERPOLATED TO MIDNIGHT 7-31-60			2.00		2.00					
TOTALS.			11.60	—	11.60					

Letter sent to USDA
8/11/1960 CDW

Date:	Time:	Hook Gauge:	Diff:	Rain:	Evap:	Temperature Max:	Temperature Min:	Wind Read:	Wind Diff:	Wind Dir:
Interpolated:			0.55		0.55					
8-2-60	1 P.M.	5.55	2.55	—	2.55	97°	52°	299.8	231.0	S.W.
		3.00								
8-9-60	1 P.M.	5.53	2.53	—	2.53	99°	51°	457.4	157.6	S.W.
		3.00				Copied to 8-9-60				
8-16-60	1 P.M.	5.40	2.40	—	2.40	94°	58°	637.5	180.1	W.
		3.00								
8-23-60	1:30 P.	5.40	2.40	—	2.40	97°	46°	845.1	207.6	S.W.
		3.00								
8-30-60	2:30 P.	5.19	2.19	—	2.19	87°	42°	17.4	162.3	W.
		3.00								
Interpolated to Midnite 8-31-60			0.48		0.48					
Totals:			10.55	0	10.55					

DATE:	TIME:	HOOK GAUGE	DIFF:	RAIN:	EVAP:	TEMP. MAX:	TEMP. MIN.	WIND: READ:	WIND: DIFF:	WIND: DIR:
INTERPOLATED:			1.91		1.91					
9-6-60	2:30 P.M.	5.39	2.39	—	2.39	98°	56°	326.4	309.0	W.
		3.00								
9-13-60	10 A.M.	5.65	2.65	—	2.65	106°	57°	552.0	225.6	W
		3.00								
9-20-60	2 P.M.	5.17	2.17	—	2.17	101°	51°	751.3	199.3	S.W.
		3.00								
9-27-60	12 M.	4.98	1.98	—	1.98	99°	44°	951.5	200.2	W.
		3.00								
INTERPOLATED TO MIDNITE	9-30-60		0.86	—	0.86					
TOTALS:			9.57	—	9.57					

DATE:	TIME:	HOOK GAUGE	DIFF:	RAIN:	EVAP:	TEMP. MAX:	TEMP. MIN.	WIND READ:	WIND DIFF:	WIND DIR.
INTERPOLATED:			.85		0.85					
10-4-60	12 M.	4.71	1.71	—	1.71	97°	42°	069.5	108.0	S.W.
		3.00								
10-11-60	1:30 P.M.	4.60	1.60	0.07"	1.67	98°	42°	347.7	278.2	W.
		3.00								
10-18-60	12:30 P.M.	4.34	1.34	—	1.34	84°	34°	588.7	241.0	W.
		3.00								
10-25-60	11 A.M.	4.44	1.44	—	1.44	94°	40°	825.0	236.3	S.W.
		3.00								
INTERPOLATED TO MIDNITE 10-31-60			0.96		0.96					
TOTALS.			6.19	0.07"	6.26					

Nov. 1960.

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP.	TEMP. MAX:	TEMP. MIN.	WIND: READ:	WIND: DIFF:	WIND: DIR.
INTERPOLATED:			0.09		0.09"					
11-1-60	2:30P.M.	4.05	1.05	—	1.05"	82°	37°	982.8	157.8	W.
		3.00								
11-8-60	11:30A.M.	2.45	—0.55	1.10"	0.55"	80°	42°	77.3	84.5	W.
		3.00								
11-15-60	12 M.	3.60	0.60	0.10"	0.70	76°	37°	157.3	80.0	W.
		3.00								
11-22-60	2 P.M.	4.54	1.54	—	1.54	84°	29°	344.9	187.6	S.W.
		3.00								
11-29-60	1 P.M.	2.50	—0.50	1.06"	0.56	79°	26°	495.5	150.6	S.W.
		3.00								
INTERPOLATED TO MIDNITE 11-30-60			0.14		0.14					
TOTALS:			1.32"	2.26"	3.58"					

DEC. 1960

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP:	TEMP. MAX:	TEMP. MIN:	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			0.51	0.06	0.57					
12-6-60	10 A.M.	3.65	0.65	0.06*	0.71	73°	31°	538.5	43.0	E.
		3.00								
12-13-60	11:30A.	3.69	0.69	0.01	0.70	73°	22°	727.0	188.5	W.
		3.00								
12-22-60	1 P.M.	4.19	1.19	0.00	1.19	86°	26°	917.8	190.8	S.W.
		3.00								
12-27-60	11:30A.	3.51	0.51	0.00	0.51	82°	26°	30.1	102.3	S.W.
		3.00								
INTERPOLATED TO MIDNITE 12-31-60			0.49		0.49					
TOTALS:			3.39"	0.07"	3.46"					

* RAIN FELL ON DEC. 1.

LETTER SENT TO U.S.D.A. ON 12-12-60. H.P.

108.5 : 171.5 :: x : 0.78

x = 0.49

JAN. 1961.

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN	EVAP.	TEMP. MAX:	TEMP. MIN:	WIND: READ:	WIND: DIFF:	WIND: DIR:
INTERPOLATED:			0.29		0.29					
1-3-61	3.P.M.	3.78	0.78	—	0.78	76°	18°	255.3	225.2	W.
		3.00								
1-10-61	3 P.M.	3.95	0.95	—	0.95	82°	21°	386.8	131.5	S.W.
		3.00								
1-17-61	12:55P.	4.44	1.44	—	1.44	88°	23°	543.4	156.6	S.W.
		3.00								
1-24-61	2:15P.	4.49	1.49	—	1.49	86°	32°	738.2	194.8	S.
		3.00								
1-31-61	12:30P.	2.50	-0.50	0.95	0.45	68°	36°	770.2	32.0	S.W.
		3.00								
INTERPOLATED TO MIDNITE: 1-31-61:			0.03		0.03					
TOTALS:			3.70"	0.95"	4.65"					

FEB. 1961.

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			0.40		0.40					
FEB 7, '61	9 A.M.	3.43	0.43	—	0.43	78°	34°	854.1	83.9	S.W.
2-14-61	10:55 A.M.	3.78	0.78	0.02	0.80	80°	32°	000.2	136.1	S.W.
2-21-61	11:30 A.M.	3.96	0.96	0.03	0.99	81°	28°	169.2	169.0	S.W.
2-28-61	1:00 P.M.	4.19	1.19	—	1.19	82°	29°	558.0	388.8	E.
INTERPOLATED TO MIDNITE 2-28-61			0.03	—	0.03					
TOTALS:			3.36"	0.05"	3.41"					
INTERPOLATED:			0.37	0.45	0.82					
3-7-61	1:30 P.M.	3.40	0.40	0.45*	0.85	87°	34°	870.0	312.0	W.

*RAIN FELL MARCH 2ND. AND 3RD.

Typed and mailed to U.S.P.A. 3-10-61. DL

MARCH 1961.

DATE:	TIME	HOOK GAGE	DIFF.	RAIN.	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			0.37	0.45	0.82					
3-7-61	1:30P.	3.40	0.40"	0.45*	0.85	87°	34°	870.0	312.0	W.
* RAIN FELL MARCH 2ND. & 3RD.										
3-14-61	12:30P.	4.06	1.06"	0	1.06	84°	30°	955.3	85.3	S.W.
3-21-61	11:30A.	3.10	0.10"	0.27"	0.37	76°	36°	189.3	224.0	S.W.
3-28-61	9:00A.	2.16	-0.84"	1.45"	0.61	78°	34°	301.5	112.2	W.
INTERPOLATED TO MIDNITE 3-31			0.42"	0.27*	0.69					
TOTALS:			1.11"	2.44"	3.55"					

* RAIN FELL ON MARCH 28.

APRIL 1961

DATE	TIME	HOOK GAGE	DIFF.	RAIN.	EVAP.	TEMP. MAX.	TEMP. MIN	WIND. READ.	WIND. DIFF.	WIND. DIR.
INTERPOLATED:			0.67"	0	0.67"					
4-4-61	1:00 P.M.	4.09"	1.09"	0.27"	1.36"	94°	48°	538.3	236.8	W.
4-11-61	1:30 P.M.	4.15"	1.15"	T.	1.15"	85°	37°	716.1	177.8	S.W.
4-18-61	1:15 P.M.	4.20"	1.20"	0	1.20"	93°	38°	963.8	247.7	W.
4-25-61	9:00 A.M.	4.14"	1.14"	0	1.14"	72°	34°	216.1	242.3	S.W.
INTERPOLATED TO MIDNITE 4-30			1.71"	0	1.71"					
TOTALS:			5.87"	0	5.87"					

MAY 1961

DATE:	TIME:	HOOK GAGE	DIFF.	RAIN.	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND READ:	WIND DIFF.	WIND DIR.
INTERPOLATED:			0.44"	0	0.44"					
5-2-61	11:00A.	5.15	2.15"	0	2.15"	84°	37°	495.7	279.6	S.W.
5-9-61	1:00P.M.	5.08	2.08"	0	2.08"	90°	40°	750.8	255.1	W.
5-16-61	12:30P.	5.10	2.10"	0	2.10"	88°	44°	234.1	473.3	S.W.
5-23-61	10:35A.	5.11	2.11"	0	2.11"	76°	47°	653.9	419.8	S.W.
5-30-61	11:45A.	5.14	2.14"	0	2.14"	75°	44°	153.3	489.4	S.W.
INTERPOLATED TO MIDNITE 5-31			0.40"	0	0.40"					
TOTALS:			9.27"	0	9.27"					
INTERPOLATED:			1.47"	0	1.47"					
6-6-61	2:15P.M.	4.87"	1.87"	0	1.87"	77°	52°	613.7	460.4	S.W.

LOU - STOP HERE

LETTER SENT TO U.S.D.A. ON 6-22-61. HF

JUNE, 1961:

DATE:	TIME	HOOK GAGE	DIFF.	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			1.47"	0	1.47"					
6-6-61	2:15 P.M.	4.87"	1.87"	0	1.87"	77°	52°	613.7	460.4	S.W.
6-13	1:15 P.M.	5.00"	2.00"	0	2.00"	78°	54°	196.7	573.0	S.W.
6-20	9:30 A.M.	5.52"	2.52"	0	2.52"	94°	52°	669.5	472.8	S.W.
6-27	6:30 A.M.	6.30	3.30"	0	3.30"	94°	52°	180.5	501.0	S.W.
INTERPOLATED TO MIDNITE 6-30			1.10"		1.10"					
TOTALS:			10.39"	0	10.39"					
9-8-61 START HERE										
INTERPOLATED			1.03"		1.03"					
7-4-61	11:45 A.M.	5.13"	2.13"	0	2.13"	96°	48°	655.3	474.8	S.W.
TYPE TO HERE 7-18-61										
7-11-61	2:15 P.M.	5.89"	2.89"	0	2.89"	98°	50°	282.5	617.2	S.W.
7-18-61	2 P.M.	5.41"	2.41"	0	2.41"	88°	59°	906.5	624.0	S.W.
7-25-61	12:30 P.	5.21"	2.21"	0	2.21"	92°	58°	405.0	488.5	S.W.
INTERPOLATED TO MIDNITE 7-31			2.16"		2.16"					
TOTALS:			10.70"	0	10.70"					

AUGUST 1961:

DATE:	TIME:	HOOK GAUGE:	DIFF.	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND READ	WIND DIFF	WIND DIR.
INTERPOLATED:			0.21"		0.21"					
8-1-61	2:45 P.M.	5.37"	2.37"	0	2.37"	87°	60°	083.6	668.6	S.W.
		3.00								
8-8-61	1 P.M.	5.44"	2.44"	0	2.44"	102°	62°	592.1	508.5	S.W.
		3.00								
8-15-61	9 A.M.	5.62"	2.62"	0	2.62"	92°	58°	150.6	548.5	S.W.
		3.00								
8-22-61	10:30 A.M.	5.54"	2.54"	0	2.54"	96°	59°	690.9	540.3	S.W.
		3.00								
8-29-61	12 M.	5.08	2.08	0	2.08"	91°	56°	230.1	529.2	S.W.
INTERPOLATED TO MIDNITE 8-31:			0.93"		0.93"					
TOTALS:			10.82"	0"	10.82"					
9-5-61	12:30 P.M.	5.60	2.60	0	2.60	102	48	751.9	521.8	S.W.

LOO: COPY TO HERE 9-8-61 N.J.

SEPT, 1961.

	DATE:	TIME:	HOOK GAUGE	DIFF.	RAIN.	EVAP.	TEMP. MAX	TEMP. MIN.	WIND: READ.	WIND: DIFF.	WIND: DIR.
0.											
1.	INTERPOLATED:			1.67"		1.67"					
8.	9-5-61	12:30 P.M.	5.60"	2.60"	0	2.60"	102°	48°	751.9	521.8	S.W.
			3.00"								
8.	9-12-61	1.00 P.M.	5.51"	2.51"	0	2.51"	96°	46°	255.7	493.8	S.W.
			3.00"								
8.	9-19-61	1:45 P.M.	5.10"	2.10"	0	2.10"	85°	52°	751.8	496.1	S.W.
			3.00"								
8.	9-26-61	10:30 A.M.	4.07"	1.07"	.02"	1.09"	86°	46°	110.6	348.8	S.W.
			3.00"								
8.	INTERPOLATED TO MIDNIGHT 10-31			1.21"	0	1.21"					
	TOTALS:			8.56"	.02"	8.58"					

OCTOBER 1961.

DATE:	TIME.	HOOK GAUGE	DIFF.	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND. READ:	WIND. DIFF.	WIND. DIR.
INTERPOLATED.			0.64"		0.64"					
10-3-61	10 A.M.	4.85"	1.85"	0	1.85"	92°	46°	520.9	410.3	SW
		3.00"								
10-10-61	10:30 A.M.	4.16"	1.16"	TR.	1.16"	91°	36°	030.1	499.2	SW
		3.00"								
10-17-61	9:30 A.M.	5.81"	2.81"	0	2.81"	102°	38°	658.9	628.8	SW
		3.00"								
10-24-61	2:00 P.M.	4.47"	1.47"	0	1.47"	75°	38°	125.5	456.6	SW
		3.00"								
10-31-61	12:15 P.M.	4.44"	1.44"	0	1.44"	86°	34°	557.1	431.6	SW
		3.00"								
INTERPOLATED TO MIDNIGHT 10-31			0.11"	0	0.11"					
TOTALS:			7.63"	0	7.63"					

NOV. 1961.

DATE	TIME:	HOOK GAUGE	DIFF.	RAIN:	EVAP.	TEMP. MAX:	TEMP. MIN.	WIND READ:	WIND DIFF.	WIND DIR.
INTERPOLATED:			1.42"	0.05"	1.47"					
11-7-61	9:00 A.M.	4.53	1.53	0.05	1.58	86°	37°	420.8	853.7	E.
		3.00"								
11-14-61	9:15 A.M.	4.46"	1.46"	0	1.46"	84°	29°	080.5	649.7	E.
		3.00"								
11-21-61	9:30 A.M.	3.35"	0.35"	0.45"	0.80"	77°	30°	520.9	440.4	W.
		3.00"								
11-28-61	11:30 A.M.	3.14"	0.14"	0.35"	0.49"	70°	34°	779.7	258.8	W.
		3.00"								
INTERPOLATED TO MIDNIGHT 11-30			0.18"	0	0.18"					
TOTALS:			3.55"	0.85"	4.40"					

DEC. 1961

DATE:	TIME:	HOOK GAUGE	DIFF:	RAIN:	EVAP.	TEMP. MAX:	TEMP. MIN:	WIND READ:	WIND DIFF:	WIND DIR.
INTERPOLATED:			−0.96	1.31	0.35"					
12-5-61	1:45 P.M.	2.22"	−0.78	1.31	0.53	76°	36°	110.8	321.1	W.
		3.00"								
12-12-61	11:00 A.M.	3.54"	0.54"	0.28"	0.82"	72°	32°	425.3	314.5	W.
		3.00"								
12-19-61	10:20 A.M.	3.35"	0.35"	0.04"	0.39"	62°	34°	779.3	354.0	W.
		3.00"								
12-26-61	11:30 A.M.	3.36"	0.36"	0.05"	0.41"	80°	30°	52.4	263.1	W.
		3.00"								
INTERPOLATED TO MIDNIGHT 12-31			0.34"	0	0.34"					
TOTALS:			0.63"	1.68"	2.31"					
INTERPOLATED:			0.09"		0.09"					
1-2-62	12:00 M.	3.43"	0.43"	0	0.43"	76°	28°	256.6	204.2	W.
		3.00								

Copied and mailed to: ATTN: C.C. CARTER
MR. HERBERT A. HOWLETT,
SOUTHERN DIST. ENG, STATE D.W.R.
909 S. BROADWAY
L.A. 55.

Jan 4, 1962. [illegible]

DATE:	TIME.	HOOK GAUGE	DIFF.	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND: READ:	WIND: DIFF.	WIND: DIR.
INTERPOLATED:			0.09"		0.09"					
1-2-62	12:00M.	3.43"	0.43"	0	0.43"	76°	28°	256.6	204.2	W.
1-9-62	2:30P.M.	3.44"	0.44"	0	0.44"	84°	28°	570.3	313.7	W.
1-16-62	9:00A.M.	3.48"	0.48"	0.23"	0.71"	78°	19°	320.2	739.9	E.
1-23-62	2:20P.M.	1.33"	−1.67"	2.70"	1.03"	46°	30°	910.3	590.1	E.
1-30-62	1:20P.M.	4.00"	1.00"	0.17"	1.17"	84°	32°	620.6	700.3	W.
INTERPOLATED TO MIDNITE JAN. 31.			0.10"		0.10"					
JANUARY TOTALS:			0.44"	3.10"	3.54"					
INTERPOLATED:			0.75"		0.75"					
2-6-62	9:15A.M.	3.85"	0.85"	TR.	0.85"	81°	33°	830.3	209.7	W.
2-13-62	8:45A.M.	1.80"	−1.20"	1.53"	0.33"	66°	38°	288.5	448.2	W.
2-20-62	9:00A.M.	2.05"	−0.95"	1.69"	0.74"	66°	38°	634.2	345.7	SW.
2-27-62	10:00A.M.	2.00"	−1.00"	1.61"	0.61"	54°	33°	050.8	406.6	W.
INTERPOLATED TO MIDNITE FEB. 28:			0.17"	0"	0.17"					
FEBRUARY TOTALS:			−2.23"	4.83"	2.60"					
~~3-6-62~~	~~9A.M.~~	~~3.16"~~	~~0.16"~~	~~0.16"~~	~~0.92"~~	Mary - don't copy this line - see next page - Don.				

MARCH, 1962.

DATE:	TIME:	HOOK GAUGE	DIFF:	RAIN:	EVAP.	TEMP. MAX:	TEMP. MIN.	WIND. READ:	WIND. DIFF:	WIND. DIR.
INTERPOLATED:			0.59"	0.16"	0.75"					
3-6-62	9 A.M.	3.76"	0.76"	0.16"	0.92"	74°	29°	336.1	285.3	W.
3-13-62	12:30 P.M.	3.60"	0.60"	0.21"	0.81"	66°	34°	770.9	434.8	W.
3-20-62	9:30 A.M.	3.14"	0.14"	0.90"	1.04"	68°	28°	110.3	329.4	S.W.
3-27-62	9:20 A.M.	4.07"	1.07"	0.18"	1.25"	78°	33°	500.9	390.6	S.W.
INTERPOLATED TO MIDNITE 3-31:			0.67"		0.67"					
MARCH TOTALS:			3.07"	1.45"	4.52"					
INTERPOLATED:			0.34"	—	0.34"	Mailed to D.W.R. on April 16, 1962.				
4-3-62	9:15 A.M.	4.01	1.01"	TR.	1.01"	75°	40°	910.1	409.2	W.
4-10-62	11 A.M.	4.59	1.59"	—	1.59"	91°	42°	282.5	362.4	W.
4-17-62	9:23 A.M.	4.73	1.73"	TR.	1.73"	88°	39°	690.1	407.6	W.
4-24-62	12:50 P.M.	5.01	2.01"	—	2.01"	90°	37°	190.2	490.1	W.
INTERPOLATED TO MIDNITE 4-30-62			1.56"		1.56"					
APRIL TOTALS:			7.23"		7.23"					
INTERPOLATED:			0.13"		0.13"					
5-1-62	12:45 P.M.	4.69	1.69"	—	1.69"					

DATE:	TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP:	TEMP: MAX:	TEMP: MIN:	WIND: READ:	WIND: DIFF:	WIND: DIR.
INTERPOLATED:			0.13"		0.13"					
5-1-62	12:45P.M.	4.69"	1.69"	—	1.69"	86°	40°	710.3	520.1	W
5-8-62	9:45A.	5.26"	2.26"	—	2.26"	90°	42°	220.7	500.4	W
5-15-62	8:30A.	4.03"	1.03"	0.85"	1.88"	79°	42°	897.5	676.8	W
5-22-62	2:15P.	4.50"	1.50"	0.07"	1.57"	80°	39°	460.3	552.8	W
5-29-62	8:30A.	3.83"	0.83"	0.63"	1.46"	82°	49°	063.3	593.0	W
INTERPOLATED TO MIDNITE 5-31-62			0.72"		0.72"					
MAY TOTALS:			6.47"	1.55"	8.02"					
INTERPOLATED:			1.18"		1.18"					
6-5-62	7:30A.	4.90"	1.90"	—	1.90"	80°	54°	650.8	587.5	W.
6-12-62	1:00P.	4.44"	1.44"	TR.	1.44"	75°	56°	187.8	527.0	W
6-19-62	9:10A.	4.24"	1.24"	.27"	1.51"	86°	46°	675.9	438.1	W
6-26-62	8:45A.	5.53"	2.53"	—	2.53"	91°	44°	154.8	518.9	W
INTERPOLATED TO MIDNITE 6-30-62			1.63"		1.63"					
JUNE TOTAL			8.02"	0.27"	8.29"					
INTERPOLATED:			0.84"		0.84"					
7-3-62	9:00A.	5.47"	2.47"	—	2.47"	90°	48°	710.1	555.3	W
7-10-62	10:00A.	5.58"	2.58"	—	2.58"	94°	48°	296.8	576.7	W
7-17-62	9:30A	5.25"	2.25"	—	2.25"	90°	60°	849.4	552.6	W
7-24-62	12:20P	5.28"	2.28"	—	2.28"	88°	52°	390.9	531.5	W
7-31-62	1:20P.	5.29"	2.29"	—	2.29"	89°	52°	915.4	524.5	W

DATE: TIME:	HOOK GAUGE	DIFF:	RAIN	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND READ:	WIND DIFF.	WIND DIR.
INTERPOLATED TO MIDNITE 7-31		0.15"		0.15"					
JULY TOTALS:		10.39"	0.	10.39"					
INTERPOLATED		2.15"							
8-7-62 8:45A.	5.30"	2.30"	—	2.30"	94°	50°	394.4	469.0	W.
8-14-62 2:00P.	5.71"	2.71"	—	2.71"	100°	52°	870.3	475.9	W.
8-21-62 1:00P.	5.33"	2.33"	—	2.33"	95°	59°	362.8	482.5	W.
8-28-62 1:30P.	5.75"	2.75"	—	2.75"	93°	54°	858.0	495.2	W.
INTERPOLATE TO MIDNITE 8-31:		1.14"		1.14"					
AUGUST TOTAL:		10.58"	0	10.58"					
INTERPOLATED:		1.14"		1.14"					
9-4-62 10:15A.	5.78"	2.78"	—	2.78"	97°	53°	290.1	427.1	W.
9-11-62 9:35A.M.	4.93"	1.93"	—	1.93"	92°	49°	740.2	450.1	W.
9-18-62 9:00A.M.	4.90"	1.90"	—	1.90"	84°	52°	172.5	422.3	W.
9-25-62 9:15A.M.	5.25"	2.25"	—	2.25"	99°	52°	640.1	467.6	W.
INTERPOLATE TO MIDNITE 9-30:		1.32"		1.32"					
SEPT. TOTALS:		8.54"	0.	8.54"					
INTERPOLATED:		0.33"		0.33"					
10-2-62 9:30A.M.	4.65"	1.65"	—	1.65"	86°	47°	100.2	450.1	NONE

(MARY: START HERE, FOR SEPT. TO DEC. '62 REPORT) Don

PERIOD APRIL 1ST. THRU SEPT. 4, 1962 TYPED AND MAILED TO STATE D.W.R. SEPT. 14, 1962

DATE:	TIME:	HOOK GAUGE:	DIFF.	RAIN.	EVAP.	TEMPERATURE MAX.	TEMPERATURE MIN.	WIND READ.	WIND DIFF.	WIND DIR.
10-9-62	12:25P.M.	4.35"	1.35"	.02"	1.37"	82°	42°	570.8	470.6	S/W
10-16-62	12:30P.M.	4.00"	1.00"	.03"	1.03"	86°	43°	930.9	360.1	W.
10-23-62	1:30P.M.	4.20"	1.20"	0	1.20"	91°	42°	230.3	289.4	S/W.
10-30-62	9:00A.M.	4.20"	1.20"	0	1.20"	96°	39°	560.5	330.2	NONE
INT. TO MIDNIGHT 10-31-62			0.27"		0.27"					
OCTOBER TOTALS.			5.35"	.05"	5.40"					
INTERPOLATED:			0.92"		0.92"					
11-6-62	2:00P.M.	4.19"	1.19"	TR.	1.19"	97°	40°	940.2	379.7	W.
11-13-62	12:20P.M.	3.94"	0.94"	0	0.94"	88°	34°	260.1	309.9	NONE
11-20-62	11:30A.M.	3.95"	0.95"	0	0.95"	74°	32°	610.1	350.0	W.
11-27-62	1:00P.M.	4.00"	1.00"	0	1.00"	80°	29°	928.4	318.3	W.
INT. TO MIDNIGHT 11-30-62			0.39"		0.39"					
NOVEMBER TOTALS:			4.20"	TR.	4.20"					
INTERPOLATED:			0.39"		0.39"					
12-4-62	1:00P.M.	3.78"	0.78"	0	0.78"	85°	30°	210.3	271.9	STRONG E.
12-11-62	10:00A.M.	3.83"	0.83"	0	0.83"	84°	28°	563.8	353.5	W.
12-18-62	10:30A.M.	3.50"	0.50"	0.16"	0.66"	76°	37°	880.1	316.3	NONE
12-26-62	9:45A.M.	3.92"	0.92"	TR.	0.92"	78°	28°	490.7	600.6	STRONG E.
INT. TO MIDNIGHT 12-31-62			0.61"		0.61"					
DECEMBER TOTALS:			3.75"	0.16"	3.41"					

(MARY: COPY TOP 2 LINES, NEXT PAGE - Don.)

1963

DATE:	TIME:	HOOK GAUGE:	DIFF.	RAIN:	EVAP:	TEMPERATURE MAX.	TEMPERATURE MIN.	WIND READ:	WIND DIFF.	WIND DIR.
INTERPOLATED:			0.18"		0.18"					
1-2-63	2:45 P.M.	3.79"	0.79"	0	0.79"	73°	20°	750.6	259.9	NONE.
PERIOD SEPT. 1, 1962 TO JAN. 2, 1963 TYPED AND MAILED TO STATE D.W.R. ON JAN. 9, 1963.										
1-8-63	3:00 P.M.	4.00"	1.00"	TR.	1.00"	80°	34°	330.1	569.5	NONE.
1-15-63	10:00 A.M.	3.50"	0.50"	0.26"	0.76"	66°	18°	911.8	581.7	"
1-22-63	10:00 A.M.	3.80"	0.80"	0	0.80"	73°	22°	260.5	338.7	E.
1-29-63	12:30 P.M.	3.78"	0.78"	0	0.78"	70°	26°	600.1	339.6	E.
INT. TO MIDNITE 1-31-63			0.38"	0	0.38"					
JAN. TOTALS:			3.64"	0.26"	3.90"					
INTERPOLATED:			0.76"	0.03"	0.79"					
2-5-63	1:00 P.M.	4.14"	1.14"	0.03"	1.17"	96°	43°	935.7	335.6	E.
2-12-63	9:00 A.M.	1.50"	−1.50"	2.98"	1.48"	88°	42°	452.9	507.2	W.
2-19-63	9:00 A.M.	3.64"	0.64"	0.09"	0.73"	70°	44°	853.6	400.7	W.
2-26-63	3:15 P.M.	4.30"	1.30"	0	1.30"	85°	36°	371.4	507.8	W.
INT. TO MIDNITE 2-28-63			0.48"	0	0.48"					
FEB. TOTALS:			1.68"	3.10"	4.78"					
INTERPOLATED:			0.92"	0.07"	0.99"					
3-5-63	11:30 A.M.	4.40"	1.40"	0.07"	1.47"	83°	29°	770.0	398.6	NE.
3-12-63	2:30 P.M.	4.70"	1.70"	0.09"	1.79"	72°	37°	221.4	441.4	

CONT'D.

1963.

On	DATE	TIME	HOOK GAUGE:	DIFF.	RAIN:	EVAP.	TEMPERATURE MAX.	MIN.	WIND READING:	DIFF.	DIR.
1n	3-19-63	12:30 P.M.	3.10"	0.10"	1.04"	1.14"	72°	32°	870.6	649.2	W.
1-	3-26-63	1:00 P.M.	4.27"	1.27"	0.04"	1.31"	78°	34°	145.8	265.2	W.
	INT. TO MIDNITE, 3-31-63.			0.83"	0.30"	1.13"					
1-	MARCH TOTALS:			4.37"	1.54"	5.86"					
1-	INTERPOLATED:			0.25"	0	0.25"	MAILED TO STATE D.W.R. ON APRIL 10, 1963.				
1-	4-2-63:	2:30 P.M.	4.08"	1.08"	.30"*	1.38"	81°	37°	675.6	529.8	W.
1-	4-9-63:	4:00 P.M.	4.65"	1.65"	.04"	1.69"	82°	36°	133.4	447.8	W.
1-	4-16-63:	2:00 P.M.	4.34"	1.34"	.08"	1.42"	78°	32°	556.6	423.2	W.
1-	4-23-63:	11:00 A.M.	3.37"	0.37"	.87"	1.24"	78°	34°	056.8	490.2	W.
1n	4-30-63:	2:30 P.M.	4.17"	1.17"	.48"	1.65"	82°	34°	500.8	444.0	W.
2-	INT. TO MIDNIGHT 4-30-63			0.09"	0	0.09"					
2-	APRIL TOTALS			4.87"	1.47"	6.34"					
2-	INTERPOLATED:			1.51"	0	1.51"					
2-	5-7-63:	9:15 AM	4.60"	1.60"	0	1.60"	84°	46°	885.8	385.0	W
2	5-14-63:	1:15 P.M.	4.88"	1.88"	0	1.88"	84°	38°	335.8	440.0	W
	5-21-63:	1:15 P.M.	4.62"	1.62"	0	1.62"	74°	42°	725.6	389.8	W
1n	5-28-63:	9:00 A.M.	4.60"	1.60"	TR.	1.60"	76°	50°	149.1	413.5	W
3	INT. TO MIDNIGHT 5-31-63:			0.67"	.01"	0.68"					
3	MAY TOTALS:			7.28"	.01"	7.29"					

*.30" RAIN FELL ON MARCH 28.

CONT'D NEXT PAGE.

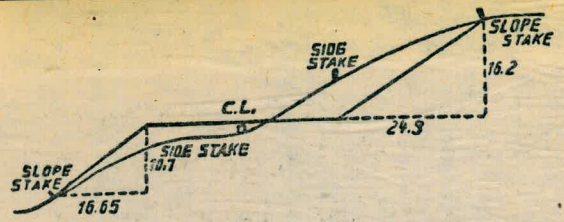
Da	DATE: TIME:	HOOK GAUGE:	DIFF:	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND READING:	WIND DIFF:	WIND DIR.
1A	INTERPOLATED:		0.64"	0	0.64"					
1-	6-4-63. 10:00 AM	4.31"	1.31"	.01"*	1.32"	76°	52°	567.4	418.3	W.
	6-11-63. 1:00 P.M.	4.40"	1.40"	.03"	1.43"	74°	48°	80.7	503.3	W.
1-	6-18-63. 9:00 A.M.	4.60"	1.60"	.02"	1.62"	84°	46°	550.1	469.4	W.
1-	6-25-63. 9:00 A.M.	5.01"	2.01"	0	2.01"	84°	44°	768.1	218.0	W.
1-	INT. TO MIDNIGHT 6-30-63		1.84"	0	1.84"					
1-	JUNE TOTALS:		7.49"	.05"	7.54"					
1A	INTERPOLATED:		0.46"		0.46"	COPIED AND MAILED TO STATE DWR ON JULY 5, 1963				
J	7-2-63. 9:30 A.M.	5.30"	2.30"	0	2.30"	90°	44°	917.3	149.2	W.
1	7-9-63. 10 A.M.	5.36"	2.36"	0	2.36"	88°	44°	274.8	297.5	W.
2-	7-16-63. 10 A.M.	5.25"	2.25"	0	2.25"	90°	53°	687.1	462.3	W.
2-	7-23-63. 11 A.M.	5.37"	2.37"	0	2.37"	93°	50°	172.2	475.1	W.
2-	7-30-63. 1 P.M.	5.34"	2.34"	0	2.34"	93°	51°	670.6	498.4	W.
2-	8-6-63. 10 A.M.	5.00"	2.00"	0	2.00"	86°	58°	172.2	491.6	W.
1A 2	8-13-63. 1 P.M.	5.14"	2.14"	0	2.14"	96°	50°	660.8	488.6	W.
E	8-20-63. 8 A.M.	5.34"	2.34"	.01"	2.35"	96°	54°	983.9	323.1	W.
1	8-27-63. 9 A.M.	5.14"	2.14"	0	2.14"	90°	48°	536.7	542.8	W.
3	9-3-63. 2:30 P.M.	5.15"	2.15"	0	2.15"	94°	52°	020.3	473.6	W.
3	9-10-63. 1:45 P.M.	4.30"	1.30"	.45"	1.75"	101°	56°	366.7	346.4	W.

* RAIN FELL ON MAY 31.

	DATE:	TIME:	HOOK GAUGE:	DIFF.	RAIN:	EVAP.	TEMP. MAX.	TEMP. MIN.	WIND READING:	WIND DIFF:	WIND DIR.
1	9-17-63.	1 P.M.	4.98"	1.98"	0.27"	2.22"	108°	52°	758.1	391.4	W.
1-	9-24-63.	11 A.M.	2.83"	−0.17"	1.21"	1.04"	86°	54°	031.1	263.0	W.
	10-1-63.	1 P.M.	5.55"	2.55"	0	2.55"	109°	56°	503.1	472.0	NONE.
1-							PERIOD JULY THRU SEPT. TYPED AND MAILED TO STATE, OCT. 9, 1963.				
1-1	10-8-63	2:30 P.M.	4.43"	1.43"	0	1.43"	90°	51°	865.9	362.8	W.
1-2	10-15-63	10 A.M.	4.37"	1.37"	0	1.37"	88°	44°	202.2	326.3	W.
1-	10-22-63	1:15 P.M.	3.53"	0.53"	0.27"	0.80"	84°	50°	456.0	253.8	W.
1-	10-29-63	1 P.M.	4.17"	1.17"	0	1.17"	88°	46°	716.2	260.2	W.
1	11-5-63	2 P.M.	3.84"	0.84"	0.02"	0.86"	82°	42°	004.0	277.8	W.
1	11-12-63	1 P.M.	3.52"	0.52"	0.29"	0.81"	90°	38°	260.2	256.2	NONE
2-	11-19-63	9 A.M.	3.10"	0.10"	0.40"	0.50"	80°	32°	456.0	195.8	W.
2-	11-26-63	10 A.M.	2.53"	−0.47"	1.17"	0.70"	75°	34°	800.6	344.6	NONE
2-	12-3-63	10 A.M.	3.83"	0.83"	0	0.83"	82°	34°	980.7	180.1	"
2-	12-10-63	9:45 A.M.	3.65"	0.65"	0.08"	0.73"	82°	30°	205.6	214.9	W.
2	12-17-63	1:00 P.M.	3.63"	0.63"	0	0.63"	73°	25°	446.4	240.8	W.
1	12-24-63	12:45 P.M.	4.05"	1.05"	0	1.05"	76°	24°	970.2	523.8	E.
1	12-31-63	12:30 P.M.	4.48"	1.48"	0	1.48"	85°	31°	566.4	586.2	E.
3	1-7-64	1 P.M.	4.04"	1.04"	0	1.04"	86°	26°	870.8	304.4	S/E.

3 NOTE: SANTA ANA CONDITION HAS PREVAILED OVER SAN DIEGO COUNTY SINCE THE LAST WEEK IN NOVEMBER.

Please Return to
City of San Diego Water Dept.
Room 903 Civic Center



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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