

1879	10. A. M.			Hygrom.	Anemom.		Ombro.		Barom.		Thermom.
January	E	A	Barom	dry wet	Dir	Sp.	Square	Wet			
1	32.3	38.2	29.580	32.2 32.3	SW	106	0.068	0.062			31.3
2	29.6	33.3	29.780	34.4 29.3	SWWS	86	--	--	310		24.6
3	30.7	34.0	29.360	30.7 29.8	NEWN	46	--	--	0	KS	27.4
4	31.3	33.2	29.670	31.2 30.3	W	53	--	--	610		26.3
5	30.1	32.4	29.923	29.9 29.8	S	50	--	--	6.2	on S. C	27.4
6	34.8	31.8	29.880	33.2 38.2	SEBS	48	--	0.010	0	g S	22.7
7	38.0	35.8	29.528	36.0 32.6	SE	277	0.393	0.365	0	g S	33.3
8	32.5	34.0	29.405	30.6 34.4	E	228	0.438	0.233	0	K	32.5
9	34.6	32.8	29.778	33.9 30.1	SSW	162	--	--	0	K	29.2
10	30.0	31.4	29.377	30.9 28.7	ESE	264	--	--	0	g S	27.3
11	28.8	31.8	29.438	28.8	NE	64	--	--	0	S Snowing	27.8
12	33.2	30.9	29.593	33.2 41.5	S	92	--	0.017	0	N. S. S. 27.9	17.3
13	41.3	37.2	29.656	41.3 44.7	SW	202	0.311	0.295	0	KS	17.2
14	44.8	39.7	29.286	44.6 38.2	S	237	0.236	0.237	68	K	41.5
15	37.5	38.3	29.412	37.1 29.7	SW	167	0.011	0.009	32	K	36.5
16	29.9	35.8	29.740	29.2 34.0	N	20	--	--	707	CB & K	29.2
17	39.8	36.3	29.752	37.2 38.3	SE	136	0.011	0.006	0	K	27.5
18	38.3	39.3	29.675	38.3 38.3	SW	214	0.505	0.505	79	CB	39.7
19	37.4	38.0	29.807	38.0 36.2	SE	177	--	--		N. E. g	36.7
20	36.0	36.7	29.810	33.2 31.8	SE	158	--	--	0	S	35.2
21	31.7	36.1	29.734	31.3 28.7	ENE	128	0.123 S	0.050	0	S Snow on ground?	31.8
22	29.2	31.2	29.990	28.3 29.3	NE	112	--	0.008	610		26.7
23	29.3	32.3	29.982	27.2 30.7	NTW	8	--	--	0	K	21.8
24	30.7	32.2	29.880	29.6 31.5	E	67	--	--	0	Snowing a little.	21.9
25	31.4	32.4	29.952	32.3 27.4	SESE	34	0.015	0.005	0	S	29.4
26	26.9	31.1	29.954	27.2 30.2	S	32	--	--	0	K C f	24.4
27	30.0	30.3	30.224	29.8 34.2	SE	8	--	--	0	f S	21.3
28	34.3	33.2	30.202	33.8 34.2	SW	27	0.003	0.015	69	K	27.3
29	34.2	34.3	30.064	32.7 32.7	EB	71	--	0.002	0	S	34.7
30	32.4	34.0	30.132	32.2 31.9	E	85	0.003 S	--	0	Very fine snow falling	33.0
31	32.0	33.8	30.016		E	91	0.008 ice	0.010	0	S	32.5
	33.32	34.37	29.763				2.128	1.829			

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10. P.M.

January	E	A	Barom	Hygrom dry wet	Anemom. Dir	Sp	Thermom. Max	Min	
1	28.8	36.3	29.550	28.2 27.2 28.0	NNE	70	45.6	28.3	610. 29
2	28.0	33.7	29.592	26.7 25.7	NEE	104	34.3	24.5	0
3	26.0	32.5	29.418	26.6 27.3	SW	40	36.5	26.3	58
4	27.8	34.2	29.556	27.7	SWWS	71	38.3	26.2	610
5	25.3	33.4	29.876	24.9 24.3	S	20	36.9	24.5	6.7 9 S.
6	36.7	34.3	29.729	36.7 35.8	SE	190	37.3	23.7	0
7	34.8	34.7	29.263	34.8 34.2	SE	322	40.3	33.2	0 12 9
8	31.2	33.0	29.758	30.5 29.9	SEWS	184	39.0	30.8	610
9	32.4	33.3	29.409	32.7 32.5	SENE	273	38.2	27.7	0 12 9
10	30.8	32.4	29.245	30.1 30.3	NE	160	36.9	27.2	6.4 S. 12
11	21.8	30.5	29.596	21.2 21.2	SWWS	75	34.7	22.5	610
12	42.9	36.4	29.326	43.9 40.3 40.3	SWWS	284	46.8	18.2	0 9 12
13	40.0	38.0	29.685	39.4 39.7	SSE	192	46.4	36.3	0
14	39.3	40.2	29.186	38.3 32.3	SSW	167	49.3	39.3	62. 12
15	32.5	38.0	29.627	31.3 26.2	SSW	112	44.3	32.7	610
16	26.8	36.3	29.855	31.2 40.9	EN ^N	12	38.7	26.8	610
17	40.8	39.3	29.460	39.8 39.3	SE	103	43.0	26.5	0 9 12
18	39.3	40.0	29.916	38.8 36.2	EWS	6	44.5	36.8	0
19	36.2	36.8	29.845	33.3 34.9	SE	256	43.9	34.8	0 9 12
20	34.9	36.6	29.652	33.5 32.9	SENE	182	40.1	34.4	0
21	33.1	34.8	29.868	30.9 22.8	EN ^N	124	39.3	30.7	0
22	23.3	36.2	30.056	24.0 22.3	NW	45	37.2	23.4	610
23	22.7	31.7	29.883	21.9 29.2	NNE	22	36.8	22.8	66
24	29.3	32.2	29.917	28.4 26.3	E	54	33.8	21.7	0
25	26.8	32.0	29.944	26.4 23.2	SEWS	19	34.8	26.6	68
26	22.9	23.3	29.954	22.9 32.9	SE	65	36.1	23.3	610 0.
27	32.9	32.3	30.296	32.4 34.2	SSW	7	37.0	21.8	0
28	34.0	34.4	30.020	33.7 33.3	NW	36	42.6	30.7	0
29	33.7	33.8	30.124	32.2 33.3	ENE	115	37.6	31.9	0
30	33.5	33.8	30.077	31.7 32.5	EN ^N	85	37.0	31.7	0
31	32.8	33.2	29.858	32.5	E	171	37.2	31.3	0
	31.69	34.28	29.737				122.6.7 39.13	877.4 27.82	
							39.6 ✓	28.3 ✓	

Clouds constantly coming over. Definition good.

Definition fair.

Definition good.

1879	10. A. M.			Hygrom	Anemomet.		Ombro		Roof		
February	E	A	Barom	dry wet	Dir	Force	Square	New?		Prec.	
1	33.2	33.1	29.661	33.3 33.3	E	199	—	—	0	S Little snow falling	32.6
2	32.4	33.2	29.413	32.7 36.8	NE E. E.	168	—	0.046	0	snow falling thickly	30.9
3	36.7	35.3	29.514	36.7 36.3	NE	111	0.116	0.045	0	S	33.3
4	35.9	35.0	29.811	33.9 43.6	SE E	48	—	0.002	0	KS	33.3
5	43.5	38.3	29.260	43.3 44.7	SW	282	0.246	0.248	0	K	32.6
6	44.6	40.2	28.924	42.8 45.0	SW	295	0.026	0.031	3/4	K	42.6
7	44.8	42.0	28.840	44.3 39.6	SW	213	0.054	0.058	0	K	43.0
8	39.3	40.8	29.031	39.3 37.7	WSW	179	0.091	0.095	0	K	36.8
9	37.2	39.9	28.827	37.7 42.1	N	83	0.162	0.158	0	K d	34.9
10	43.4	41.9	28.648	42.7 41.3	E	71	0.099	0.102	0	h	38.1
11	40.5	42.2	28.764	41.1 40.4	NE N	43	0.002	0.004	0	KS f	40.2
12	41.4	40.4	29.823	40.4 39.4	SW	41	—	0.002	61	K m	37.7
13	39.2	40.2	29.270	37.8 40.2	E S	153	0.007	0.006	0	S raining	36.3
14	39.9	40.7	29.322	39.3 42.8	NE	156	0.320	0.320	0	S	38.3
15	42.6	41.2	29.140	41.9 39.9	S	122	0.018	0.052	0	g S	40.0
16	39.9	39.2	28.802	39.3 35.0	SW	102	0.131	0.127	6.3	C	34.7
17	34.8	39.0	28.698	34.7 37.2	SW S	66	0.123	0.147	0	S Snow during night.	32.0
18	36.7	38.2	28.958	35.6 36.3	S	49	0.028	0.010	0	KS	33.0
19	35.9	37.5	29.080	35.2 35.4	SE W S	139	0.051	0.058	62	K	32.2
20	33.3	37.5	28.866	32.3 33.9	SW W	14	0.013	0.013	0	g S	31.7
21	33.7	36.6	28.993	32.2 35.6	S	22	0.002	0.003	0	g S	30.8
22	35.2	36.8	29.086	34.9 38.8	E S	36	0.085	0.080	0	g S	33.2
23	38.9	35.7	29.114	38.8 36.1 33.6	N	76	0.012	0.008	63	KE	30.1
24	33.7	36.2	29.674	33.3 30.9	N	139	0.046	0.062	67	K	33.7
25	30.9	34.2	30.026	29.8 35.6	N	39	0.018	—	610.		24.0
26	34.9	34.3	30.011	32.3 45.8	SW	43	0.005	0.003	0	KS	26.3
27	45.5	39.2	29.674	45.6 40.4	SW S	129	few drops	0.017	0	S	34.8
28	39.6	38.7	29.559	39.2	SSW	67	0.010	0.006	0	KS	34.4
	38.14	38.14	29.239				1.695	1.703			

1879

10. P. M.

Hygrom

Anemom

Therm.

February

E

A

Barom.

dry
wet

Dir

Spec

Max

Min

1	32.2	33.3	29.476	32.2	E	24.6	36.3	31.3	0	g
2	36.5	34.7	29.263	32.0	NE	14.3	38.9	29.2	0	R. faint moonlight
3	34.8	35.5	29.680	36.8	NE	10.5	40.3	34.5	0	
4	34.2	35.7	29.612	34.2	SE	11.8	40.6	32.3	0	halo round moon
5	40.9	39.3	29.060	37.7	SSW	19.4	48.3	32.8	62	K
6	42.0	41.2	29.138	40.2	SW	22.0	50.7	40.2	0	
7	40.0	42.2	28.880	42.3	SW	13.9	50.0	39.8	9	
8	37.2	41.2	29.082	39.2	SE	12.3	47.2	35.3	0	halo round moon.
9	38.1	42.1	28.712	37.2	NS	7.1	44.9	32.1	0	r
10	43.3	41.9	28.524	37.7	NE	3.3	47.7	34.3	0	g
11	38.9	41.1	29.055	42.3	NE	3.3	47.7	34.3	0	g
12	36.6	40.8	29.566	38.9	ENE	5.6	46.2	37.2	0	g
13	40.9	40.8	29.116	36.3	E	18.9	44.0	35.7	0	
14	39.9	40.6	29.388	35.3	E	9.7	44.3	35.8	0	
15	37.7	41.0	28.865	40.9	SW	16.9	47.2	38.7	0	
16	37.8	42.6	29.734	37.7	SW	9.2	44.9	37.5	0	g
17	33.4	38.9	28.161	37.2	SSW	7.9	43.4	32.3	0	g
18	33.9	39.3	29.058	37.4	S	5.6	42.7	32.3	0	g
19	33.2	38.3	28.908	33.8	SSW	8.5	42.0	30.6	0	
20	32.6	37.7	28.916	33.0	ENE	3.3	40.3	32.2	64	KS
21	34.2	37.0	28.974	31.9	SSW	10.6	41.0	30.5	0	
22	30.2	36.0	29.386	34.2	SW	5.9	39.3	29.8	10	
23	35.8	37.1	29.537	33.8	NW	17.8	41.3	28.4	6.8	K
24	32.6	36.0	29.892	32.2	NNE	16.1	42.0	30.5	10	
25	28.7	35.4	30.030	31.7	NNE	3.6	42.0	25.7	10	
26	40.4	37.3	29.850	30.5	SW	13.6	42.7	26.8	0	
27	41.6	40.3	29.512	30.2	WS	13.6	51.0	39.6	0	
28	31.6	38.0	29.674	40.4	WSW	6.1	47.7	32.3	0	
29				40.2						
				41.2						
				31.3						
				31.2						
							43.4.8	92.9.5		
							44.10	33.23		
							44.9			

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1879	10. A. M.			Hygrom	Anemometer		Ombro		Ref. Min Therm	
March	E	A	Barom	dry wet	Dir	Sp	Square	New		
1	36.7	37.4	29.854	37.3 33.2	SWWS	54	--	0.006	610	30.3
2	33.4	40.3	29.675	40.1 32.1	SSW	230	0.002	0.007	S g S K	34.1
3	39.6	40.3	29.568	39.7 37.7	SW	146	0.149	0.155	58 K	35.0
4	47.4	43.7	29.402	43.7 48.2	SWWS	332	0.062	0.070	0 qf S	39.0
5	46.7	46.7	29.370	46.7 44.6	SWWS	344	0.134	0.140	0 K S	46.7
6	44.6	42.0	29.866	41.7 44.0	SWWS	157	0.060	0.072	69 K	35.7
7	43.6	42.3	30.266	43.2 45.8	SW	125	0.038	0.039	610 v	37.2
8	45.8	44.0	30.192	42.3	SSE	99	--	0.003	610 v	37.3
9	46.9	45.2	30.044	48.3 46.5	W	186	0.001	0.005	0 K	39.4
10	45.8	44.5	30.022	45.3 45.2	SWWS	141	--	0.005	0 S snowing	42.2
11	44.6	43.0	30.158	44.9 43.2	SW	64	0.083	0.091	0 K	35.4
12	50.0	45.8	29.756	50.3 47.8	W	229	0.001	0.003	0 S	43.7
13	38.8	39.8	30.178	38.8 32.3	SSW	37	few drops	0.003	610	25.6
14	35.3	41.2	29.938	35.9 35.0	E	77	0.115	0.117	0 K. Little snow.	33.6
15	45.3	42.7	29.320	45.5 43.8	SWWS	201	0.037	0.039	0 g	35.7
16	37.7	40.7	29.426	37.8 35.7	NE	131	0.202	0.214	0 g	35.3
17	34.7	39.6	29.668	34.7 34.1	E	144	0.440	0.422	0 snowing	33.9
18	42.3	39.2	29.524	42.3 41.7	SESE	29	0.135	0.142	0 K	33.0
19	41.7	41.3	29.577	42.6 40.6	NE-N	24	0.011	0.012	0 K	35.4
20	40.9	40.8	29.752	41.6 39.9	NNE	72	--	0.002	0 S	35.0
21	42.0	39.3	29.772	42.5 40.7	SWWS	39	0.005	0.005	610 v	29.6
22	38.6	41.2	29.512	38.6 36.3	ENE	116	0.039	0.036	0 K	36.3
23	36.5	38.8	29.855	36.8 33.0	ENE	112	--	0.002	610	
24	35.7	38.0	29.828	36.7 32.7	NNE	157	--	--	614 K	31.6
25	33.5	37.0	29.720	34.0 32.2	EN	116	0.006	0.005	64 K	28.6
26	33.4	36.3	29.480	34.3 33.2	EN	125	0.057	0.029	0 S snowing	29.9
27	35.0	36.2	29.490	35.7 34.0	NE	132	0.035	0.038	63 K	
28	37.8	36.8	29.380	37.8 35.7	SE	25	0.010	0.010	62 K	31.3
29	48.3	40.5	29.254	47.0 44.3	SWWS	203	0.121	0.119	0 K	37.3
30	49.0	42.8	29.004	49.8 44.8	SWW	322	0.097	0.102	0 qf K	37.0
31	49.5	42.0	29.168	50.2 46.6	SW	137	0.125	0.135	62 K	36.9
	41.70	40.95	29.682				1.965	2.023		

1879	10. P.M.			Hygrom	Anemom		Thermom		
March	E	A	Barom	drup wind	Dir	Sp	Max	Min	
1	38.2	40.6	29.832	38.2 36.3	SWWS	104	47.0	29.4	0
2	39.9	42.8	29.403	38.8 38.5	WWS	292	50.2	36.8	6.2 KS
3	38.6	40.7	29.621	36.7 44.2	SSW	169	46.6	33.6	0 Hail round
4	49.2	45.4	29.456	48.8 39.2	SWWS	382	53.7	37.8	0
5	39.3	43.3	29.646	37.7	SWWN	201	52.2	39.3	6.10
6	40.8	45.9	29.947	40.1 39.9	SW	137	51.9	33.3	6.10 W
7	39.3	44.8	30.312	34.3 38.8	SSW	90	53.8	35.8	6.10
8	45.0	46.4	30.096	45.2 43.0	S	188	55.0	36.2	0 K
9	41.3	46.3	30.141	41.4 39.9	SWWS	145	54.1	39.9	6.6 K.L.
10	44.3	45.0	30.020	41.9 40.3	WNW	136	51.2	41.0	0
11	44.3	44.8	29.986	44.4 42.8	SSW	74	51.3	34.7	0
12	33.7	40.5	30.100	33.2 30.6	NNE	192	52.8	33.3	6.10
13	40.3	44.2	30.021	40.3 40.0	SW	141	49.4	27.8	0 K
14	41.2	42.4	29.514	41.3 41.1	SSW	90	43.8	31.3	1
15	37.2	43.0	29.282	37.0 35.4	NNE	116	50.4	37.2	0
16	35.8	39.2	29.666	35.0 36.2	ENE	155	40.4	32.8	0
17	36.3	39.1	29.537	35.9 39.2	SW	98	37.9	34.4	0 9
18	39.2	40.5	29.444	38.7 35.2	NEN	58	46.3	33.3	0
19	35.7	40.8	29.690	35.2 40.2	NNE	63	48.0	35.3	6.8
20	40.3	41.8	29.804	38.4 42.0	NNE	66	47.8	31.5	0
21	44.7	43.8	29.682	41.8 33.3	EWS	50	51.7	30.6	0 K
22	33.4	39.6	29.808	31.0 31.2	NENE	127	45.0	32.7	6.4
23	31.7	38.7	29.844	18.6 32.0	ENE	186	43.3	31.2	6.10
24	32.2	39.6	29.840	31.6 30.9	NENE	154	39.0	30.3	0
25	30.8	36.0	29.550	30.7 31.1	EWS	263	39.0	27.8	0
26	31.3	35.8	29.518	30.6 32.0	NENE	163	37.3	28.7	0
27	32.3	37.3	29.494	31.7 42.6	NENE	102	40.4	29.3	0
28	42.6	39.2	28.932	41.8 37.4	SSE	336	44.4	30.6	0 9
29	37.8	40.7	29.208	36.2 40.3	S	252	51.4	36.3	0. Clear sharp breeze. At 11 AM a little hail fell.
30	40.0	42.3	29.138	39.5 39.7	SWW	211	52.9	37.6	0
31	39.4	43.0	29.248	38.4	SSW	225	52.2	35.7	0
	38.39	41.66	29.671				47.82	33.82	

1879	10. A.M.			Hygrom	Anemone		Ombro			
April	E	A	Barom	dry wet	Dir	Sp	Square	Went		
1	46.8	46.0	29.362	47.7 45.0	SW	109	0.031	0.037	b2	k
2	42.7	40.8	29.408	43.2 39.0	NW	39	0.007	0.007	b3	ks
3	42.9	40.3	29.392	43.0 40.6	SW	59	0.255	0.265	b7	k
4	50.2	43.0	29.482	50.8 47.7	SWWS	68	0.055	0.060	o	k
5	49.6	45.8	29.250	50.3 49.2	SWW	197	0.110	0.115	b2	ks
6	46.3	46.1	28.854	47.4 45.7	SEWS	151	0.149	0.156	o	u S
7	49.5	43.1	28.732	47.6 43.2	NEWN	60	0.293	0.295	b1	ks
8	44.3	41.5	28.940	44.7 44.8	NEWN	86	0.395	0.412	o	u S
9	45.5	44.8	29.368	45.6 43.3	ENE	37	0.040	0.049	o	g S
10	42.8	43.2	29.773	40.2 40.8	ENE	184	0.090	0.095	o	ks
11	40.2	41.0	30.042	38.0 42.8	NEWN	37	--	0.002	o	g S
12	42.3	42.7	29.748	38.2 34.9	NEWN	65	--	--	o	g ks
13	35.0	39.7	29.566	32.2 41.2	E	103	0.096	0.093	b5	k Snow on ground
14	40.3	39.7	29.536	36.8 42.7	NNE	111	--	--	o	ks
15	41.6	40.7	29.458	39.2 46.2	N	68	--	--	o	ks
16	44.7	42.4	29.388	41.0 42.7	NW	39	0.006	--	o	k
17	41.8	41.2	29.530	37.0 45.3	N	84	0.037	0.040	o	k
18	45.2	41.5	29.680	40.8 47.8	E	50	few drops	--	b4	k
19	47.0	44.2	29.462	41.8 43.1	SE	180	--	--	o	g ks
20	42.2	43.1	29.176	43.5 39.8	E	177	0.057	0.050	o	g S
21	39.2	41.8	29.327	38.2 48.3	NE	189	0.383	0.369	o	ks
22	47.3	43.3	29.300	41.3 43.3	E	67	--	--	o	k
23	42.7	43.8	29.250	42.6 47.3	E	75	0.038	0.036	o	g S
24	45.8	44.2	29.682	45.2 50.8	NEWN	19	0.116	0.119	o	k
25	50.0	46.3	29.522	48.4 55.3	SE	186	0.040	0.046	o	ks & C.
26	54.4	47.7	29.326	49.7 48.2	SSE	123	0.197	0.205	o	k C
27	47.0	46.8	29.598	45.3 49.1	NNE	60	--	--	o	
28	47.6	47.2	29.768	44.7 49.8	NNE	--	--	--	o	ks
29	48.6	46.8	30.166	42.2 49.5	NW	30	--	--	o	k
30	46.7	46.7	30.040	43.5	N	24	--	--	b7	u k
	45.01	43.61	29.477				2.389	2.451		

1879	10. J. M.			Hygrom		Anemom		Thermom		
April	E	A	Barom	dry	wet	Dir	Sp	Max	Min	
1	36.0	43.3	29.432	35.8		NW. N	71	55.4	34.0	0
2	36.7	40.3	29.392	35.5		W	60	52.0	31.5	10.
3	36.2	43.8	29.428	33.9		SW. S	97	52.7	30.6	5
4	47.0	45.9	29.416	35.8		S	135	57.4	35.7	0
5	46.5	47.3	29.070	35.9		S	224	58.8	43.7	0
6	37.0	44.2	28.812	47.2		SSW	122	50.0	38.0	10.
7	41.7	44.3	28.774	45.8		N	178	51.8	32.8	0
8	43.5	44.8	29.168	46.7		ENE. N	45	48.7	41.2	0
9	40.7	43.2	29.558	46.7		ENE. E	120	48.3	40.3	0
10	35.0	41.5	29.666	36.6		ENE	125	47.3	35.5	10
11	40.3	43.3	29.744	36.7		N. NW	54	48.8	32.8	0
12	32.0	41.3	29.644	41.7		NE	111	47.0	32.6	0
13	35.8	41.0	29.606	30.9		NE	215	43.5	29.9	0
14	37.8	41.7	29.486	36.8		N. E	155	47.5	30.3	0
15	39.7	43.3	29.426	33.8		E. N	62	50.6	34.8	0
16	37.2	41.7	29.426	37.8		W. NW	113	51.7	36.4	5
17	36.4	40.3	29.635	36.2		N. NE	73	49.0	36.3	7
18	30.9	43.4	29.521	35.7		SE. E	190	50.6	27.8	0
19	46.6	26.2	29.275	34.2		E	230	50.9	37.1	0
20	39.8	42.1	29.135	32.5		NE	213	46.9	37.8	0
21	41.0	43.0	29.368	37.2		NE	110	46.0	37.4	0
22	41.3	44.6	29.236	39.2		ENE	128	51.8	40.3	0
23	41.6	44.5	29.404	38.7		ENE	77	47.7	40.3	0
24	43.5	46.0	29.808	41.6		SSE	66	53.7	40.7	10.
25	43.0	47.5	29.444	43.3		SSW	146	58.0	42.4	10.
26	45.5	49.0	29.390	43.1		E. N	130	58.3	41.7	0
27	41.6	48.0	29.794	42.3		N. NE	—	55.3	39.7	0
28	44.2	48.3	30.122	45.7		N. E	88	52.3	41.6	0
29	43.3	48.3	30.126	44.2		N. NE	69	55.7	39.0	0
30	42.7	47.6	29.992	41.3		E	71	55.7	37.8	5
	40.22	44.36	29.484	43.2				51.24	36.24	
				40.3				51.7	36.7	

Hail showers during day.
C. H. Hale round moon.

Registered at 10th 40.

Clouds constantly coming up—

g
g
g

K

1879	10 A.M.			Hygrom		Anemometer		Ombra		Roof Wind	
May	E	A	Barom	dry	wet	Dir	Sp	Square	Wind		
1	47.3	46.3	30.013	48.0	40.7	ELS	68	—	—	b7	K
2	47.7	45.2	30.224	49.3	42.3	SE	22	—	—	b9	K
3	51.7	45.3	30.244	52.0	44.0	WNW	37	—	—	b10	
4	55.0	47.2	30.339	54.0	46.0	SW	38	—	—	b10	
5	54.4	48.7	30.340	55.8	47.8	NWWTW	55	—	—	b2	K
6	46.7	48.0	30.120	58.3	40.3	N	165	0.021	0.021	b3	K
7	44.0	44.3	30.062	44.7	37.7	N	118	—	—	0	K
8	49.3	44.5	29.804	50.3	46.6	W	64	—	—	0	K
9	43.7	45.3	29.711	44.6	38.8	NKE	86	0.068	0.073	0	K
10	46.0	44.0	29.844	46.3	39.8	N.NW	30	—	—	b7	K
11	52.2	47.8	29.648	53.3	49.3	W	147	0.149	0.150	0	K
12	56.7	48.9	29.795	57.2	51.2	SWW	76	0.023	0.025	0	K
13	58.5	47.6	29.840	59.9	53.3	SW	15	0.298	0.312	b3	K
14	49.8	49.2	29.772	50.8	46.0	N	62	0.326	0.355	0	
15	50.7	47.8	30.044	51.6	44.7	N	85	—	—	b8	K
16	55.4	48.8	29.965	56.8	52.3	SWWS	62	—	—	0	K
17	52.4	50.6	29.616	53.8	51.5	S	157	0.939	0.983	0	K
18	48.7	50.3	29.535	49.3	48.0	NE	44	0.164	0.169	0	S
19	56.7	50.7	29.662	57.4	53.5	SEW	28	0.043	0.053	0	K
20	52.2	51.6	29.698	52.3	52.3	N	93	0.045	0.058	0	S
21	54.3	49.7	29.882	54.7	48.6	SWW	25	0.071	0.079	b7	K
22	52.2	51.5	29.830	53.8	49.7	NW	85	0.100	0.105	0	K
23	54.0	50.3	30.100	54.8	48.8	NWWTW	53	0.005	0.010	b2	K
24	55.3	52.1	29.746	55.6	54.7	WSW	145	0.234	0.235	0	T
25	54.8	50.2	29.633	56.7	53.7	WSW	87	0.074	0.049	b3	K
26	49.9	51.4	29.605	59.9	53.1	WNW	117	0.420	0.248	0	K
27	54.5	50.3	29.528	49.3	47.2	NNE	44	0.081	0.087	b4	K
28	50.6	50.2	29.588	51.3	47.3	NKE	89	0.089	0.096	0	K
29	56.0	50.3	29.468	56.8	52.0	NKE	47	—	—	b4	K, CS
30	50.4	52.2	29.496	50.9	50.6	SW	52	0.240	0.252	0	S
31	57.3	52.7	29.468	55.3	54.8	SWW	22	0.071	0.087	0	K
	51.95	48.87	29.819					3.169	3.447		

1879	10. P. M.			Supp dry wet	Anemom		Thermom		
May	E	A	Barom		Dir.	Sp	Max	Min	
1	39.3	45.6	30.152	38.9 35.6	E	98	53.3	35.8	610
2	37.3	46.0	30.234	37.2 35.3	SE	74	56.4	33.7	610
3	44.6	49.3	30.278	41.4 37.3	SEW	80	59.3	32.2	610
4	47.5	51.0	30.380	47.3 43.2	NNE	56	61.0	36.5	610
5	50.5	51.6	30.122	50.8 48.6	WSW	135	61.0	38.7	0
6	37.3	44.7	30.084	37.2 34.2	NW	192	53.6	36.8	0
7	35.2	44.4	30.018	34.4 32.2	NW	122	48.8	33.5	69
8	44.8	46.2	29.656	44.8 43.7	NW	114	53.3	33.4	0
9	35.8	42.2	29.826	35.4 32.3	N	129	49.3	35.4	68
10	42.2	46.7	29.658	42.3 41.7	SE	113	57.7	32.8	0
11	46.9	49.0	29.857	41.2 40.6	NW	104	58.3	41.7	0
12	46.2	49.8	29.708	46.2 45.8	SE	66	60.4	44.6	0
13	45.8	51.0	29.732	45.7 45.7	NW	45	61.7	41.8	0
14	42.0	46.8	29.958	41.6 37.7	NNW	168	56.6	42.0	610
15	41.3	47.3	30.072	41.1 38.8	E	98	57.6	39.0	610
16	49.9	50.8	29.806	50.0 49.8	SE	96	60.0	39.8	0
17	47.2	50.6	29.530	47.6 47.2	SE	165	55.7	47.3	0
18	49.2	51.3	29.656	49.3 48.2	NEN	42	56.2	46.3	0
19	50.2	51.0	29.610	50.7 48.7	S	110	62.2	46.6	0
20	44.3	51.3	29.888	44.0 42.5	NNE	62	57.0	45.3	610
21	51.4	52.3	29.781	51.7 49.8	S	158	63.0	40.8	0
22	43.4	48.7	29.984	43.2 41.6	WN	65	60.7	43.7	610
23	49.2	51.4	29.972	49.3 49.3	SSW	105	60.0	41.3	0
24	46.7	52.2	29.646	46.3 45.5	NW	90	56.2	46.1	0
25	46.2	53.4	29.413	45.6 44.2	NW	137	58.2	40.2	0
26	42.2	52.3	29.361	42.1 41.8	WN	78	55.6	42.1	610
27	43.2	50.8	29.594	42.8 41.7	NW	87	58.2	41.7	610
28	45.2	51.2	29.576	41.9 43.8	NNE	103	59.0	42.3	610
29	51.7	54.0	29.484	52.2 50.0	NEN	97	64.0	41.3	0
30	50.3	52.2	29.505	50.6 50.3	E	71	59.3	48.8	0
31	46.8	53.0	29.414	46.8 44.4	NW	51	61.0	47.6	61
	44.8	49.65	29.811				57.88	40.55	
							✓	40.6✓	

Definition very bad

Definition remarkably good.
Definition very good.

r. all day

1879		10. A. M.			Hygro.	Anemometer		Rain		Therm.		roof
June		E	A	Barom	Dry wet	Dir	Sp	Square	New			
①	1	50.4	50.8	29.323	50.6 49.3	N	58	0.001	0.005	6.4	K. C.	44.5
	2	53.5	50.6	29.404	54.2 55.8	NW	61	--	0.002	6.3	K	39.0
	3	54.7	50.1	29.486	49.0 53.3	NW & W	36	--	0.002	6.5	K	38.6
	4	52.2	51.5	29.676	48.6 55.8	NW & W	34	0.025	0.029	0	KS	41.0
	5	55.2	52.3	29.658	49.7 53.6	E & N	28	--	0.002	0	K	46.6
	6	52.4	53.2	29.534	51.3 54.3	NE	61	0.006	0.006	0	S. fog-	48.3
	7	53.2	54.0	29.622	53.7 56.2	E	92	0.058	0.058	0	K S	51.3
②	8	54.9	53.8	29.278	55.3 56.9	NE	58	0.217	0.315	0	K S	43.8
	9	57.2	55.2	29.410	57.7 62.9	E & NE	--	0.682	0.624	0	K	Register @ 11 th Kept by rain (200 heavy) 52.8
	10	63.5	56.0	29.742	59.3 61.3	SW	52	0.622	0.715	0	K	53.0
	11	61.5	55.4	29.756	54.5 61.0	NE	58	--	--	6.5	K & CS	48.3
	12	60.0	56.3	29.737	56.2 61.3	W	16	0.062	0.065	0	K	Anemometer stationary 52.6
	13	59.4	56.7	29.936	57.8 59.3	E & N	28	0.130	0.130	0	K	52.3
	14	57.7	56.3	29.814	55.0 64.4	S	51	0.083	0.090	0	KS	51.0
③	15	63.8	58.7	29.630	61.1 61.3	W	40	0.232	0.235	6.4	K	52.2
	16	59.7	57.5	29.414	57.6 55.3	N	68	--	--	0	K	52.3
	17	55.4	56.8	29.340	55.6 61.6	N	43	0.278	0.288	0	S	52.6
	18	61.0	56.3	29.604	57.5 59.7	SW	34	0.114	0.129	0	KS	46.0
	19	57.8	53.0	29.424	57.9 65.6	SSE	182	--	--	0	KS	54.3
	20	64.1	57.3	29.406	59.3 66.1	SSW	107	0.142	0.147	0	K	54.3
	21	54.9	56.5	29.204	54.8 57.7	W	112	0.112	0.119	0	K S	52.7
④	22	57.7	57.1	29.553	53.9 58.9	SW & S	103	0.011	0.010	0	K	49.0
	23	58.1	57.9	29.397	55.3 61.3	S	122	0.018	0.015	0	K C	53.8
	24	60.2	55.8	29.272	56.3 60.2		43	0.079	0.092	6.4	K	47.0
	25	58.6	57.0	29.334	55.6 64.4	N	38	0.030	0.033	6.4	K	49.7
	26	53.6	56.3	29.240	52.3 65.4	SSE	34	0.553	0.574	0	K S	46.2
	27	63.5	58.0	29.112	62.3 66.2	S	184	0.292	0.310	0	K. KS	52.0
	28	62.0	57.2	29.242	58.0 68.1	SW	239	0.060	0.074	6.2	q/ KS	
⑤	29	58.2	57.7	29.513	56.2 62.3	S	164	0.066	0.077	6.4	KS	47.3
	30	62.8	56.2	29.565	56.7	SW & S	139	0.112	0.119	0	K	46.9
		57.87	55.56	29.477				4.005	4.265			

1879	10. P. M			Height	Anemone		Thermom			
June	E	A	Barom	dry wet	Dir	Sp	Max	Min		
1	52.3	49.4	29.348	42.3 41.9	NWN	62	57.2	40.9	610	Bright moon
2	45.2	50.7	29.400	45.0 43.4	NNE	71	61.3	40.4	610	Definition good
3	46.9	51.3	29.610	46.9 44.3	NWN	69	60.3	40.8	733	KS
4	46.4	52.8	29.702	48.3 46.9	NW	57	58.7	41.3	0	
5	50.5	54.2	29.584	50.9 46.6	EN	63	62.7	46.7	0	K
6	52.3	55.0	29.532	52.7 51.0	ENE	92	64.3	48.5	0	
7	51.3	54.7	29.356	51.7 51.3	ENE	92	59.2	50.8	0	
8	54.4	55.3	29.322	55.2 53.3	ESE	--	63.0	46.8	0	
9	53.7	55.8	29.580	53.8 52.9	SW	24	63.0	52.5	0	Thunder (distant) heard in morning
10	51.5	57.0	29.816	54.8 51.2	SSE	80	67.2	52.8	72	KS
11	53.0	56.7	29.714	63.3 52.6	E	116	65.0	48.6	0	
12	52.0	57.3	29.864	52.2 53.3	SE	41	65.6	52.8	0	
13	52.4	45.3	29.912	52.8 52.3	SE	40	64.5	52.7	0	
14	54.8	56.7	29.692	55.2 55.0	SE	91	63.4	51.8	0	
15	53.3	62.1	29.406	55.0 53.8	NE	55	71.3	54.1	6.1	K. S
16	52.3	58.7	29.330	55.1 52.7	NNE	85	66.4	52.3	0	
17	52.8	57.5	29.508	53.2 50.8	NWN	47	61.3	52.7	0	
18	57.2	57.0	29.592	57.3 55.6	S	104	68.0	47.5	69	
19	54.2	57.3	29.298	54.2 51.1	SW	259	65.0	54.3	65	
20	54.3	58.6	29.504	55.0 52.6	SSW	138	66.0	54.5	62	K
21	54.6	59.8	29.224	54.7 53.8	W	98	61.3	52.4	0	KS
22	51.8	60.4	29.413	54.9 53.1	SW	99	63.4	57.5	0	W. K.
23	51.9	56.8	29.276	52.2 50.8	SLE	188	63.2	50.3	0	
24	51.2	58.3	29.294	51.3 49.8	NNE	66	65.6	48.8	0	
25	51.0	58.3	29.442	54.0 51.3	WWS	51	65.6	50.6	65	
26	52.2	56.4	29.314	52.4 51.2	SSW	154	64.0	48.5	66	
27	53.9	59.8	29.044	54.1 51.3	S	259	67.2	57.7	6.3	K. S
28	53.4	58.6	29.302	54.3 49.8	S	166	66.9	51.3	6.1	K. smur
29	52.2	56.8	29.444	52.3 51.7	S	138	66.8	50.1	6.1	K.
30	52.9	54.7	29.346	54.2 48.3		108	64.7	48.3	0	K.
	52.23	56.16	29.472				64.07	49.57		

1879	10 A.M.		Hygrom	Anemometer	Rain						
July	E	A	Barom.	Wet	Dir:	Sp:	Square	Kew			
1	57.6	56.1	29.846	58.2 56.4	S	166	0.968	1.089	0	K. g. r.	45.1
2	56.9	55.2	29.134	56.3 51.7	SW	159	0.167	0.312	6.7	K.	48.7
3	55.6	54.9	29.198	53.4 53.8	SWLW	122	0.113	0.120	6.1	K. S. C	46.3
4	56.4	55.1	29.314	56.3 52.2	W	94	0.049	0.060	0	K.	42.3
5	55.6	54.3	29.598	55.3 51.4	W	85	0.042	0.049	6.1	K. S	43.7
6	54.8	54.4	29.502	55.6 53.8	S	40	0.079	0.080	0	K.	45.3
7	59.3	56.1	29.353	60.1 58.4	SW	103	0.343	0.432	6.2	K. C	46.6
8	56.8	55.3	28.866	58.3 55.2	WSW	211	0.095	0.106	0	K	50.2
9	54.9	55.0	29.343	56.0 52.0	NW	112	0.350	0.370	0	K	50.3
10	56.7	55.3	29.744	58.5 52.7	NNW	87	0.066	0.071	0	KS	51.3
11	60.0	55.8	29.778	61.2 54.8	WNW	51	--	0.002	62	K	50.0
12	58.0	57.2	29.502	54.0 57.4	S	57	0.094	0.092	0	K	54.6
13	52.2	54.9	29.416	52.3 50.3	N	104	0.368	0.380	0	K. g.	47
14	49.9	54.3	29.348	40.2 45.2	N	74	0.247	0.225	0	K	52.1
15	60.8	55.8	29.714	62.6 57.7	N	26	--	0.002	0	KS	50.3
16	58.8	56.3	29.636	60.5 67.3	SE	54	--	--	0	S	50.6
17	54.8	55.8	29.730	55.7 54.8	EN	53	0.073	0.072	0	S	52.8
18	60.8	57.3	29.846	61.9 67.3	NEEN	12	--	0.002	0	S	54.5
19	58.7	58.0	29.642	67.8 57.8	S	56	0.403	0.423	0	KS	54.9
20	53.4	55.8	29.762	53.8 57.9	NNW	40	1.004	1.525	0	K	52.6
21	57.0	56.3	29.486	55.8 58.5	NW	106	0.330	0.372	0	KS	53.3
22	57.2	56.2	29.738	52.3 54.8	NW	76	0.006	0.006	62	KS	57.7
23	58.5	56.3	29.858	55.3 62.4	NW	52	--	--	62	K	49.5
24	63.1	59.8	29.785	62.4 62.7	W	76	0.051	0.040	61	K. S. C	54.2
25	61.9	57.6	29.814	62.7 56.7	WSW	120	0.098	0.108	61	K	52.3
26	64.6	57.5	29.686	63.7 60.2	SW	73	0.221	0.237	0	K	52.8
27	55.3	58.7	29.814	56.1 53.9	SW	37	0.016	0.024	0	KCS	57.5
28	64.0	57.0	29.746	65.8 63.9	SW	146	0.126	0.139	0	S	52.3
29	67.0	60.4	29.684	68.6 63.7	SEW	153	0.051	0.059	0	KS	57.0
30	60.7	59.2	29.766	61.3 61.5	WN	40	0.052	0.050	62	K	50.0
31	55.4	58.3	29.570	56.3 54.3	NE	25	0.011	0.013	0	K	51.7
	57.81	56.56	29.523				5.426	6.340			

1879	10 P.M.		Hyg.		Anemometer		Thermom.			
July	E.	A.	Barom.	Wet	Dir.	Sp.	Max.	Min.		
1	50.8	57.6	28.785	50.8	SWNW	197	62.3	47.4	0	S. g. r. g
2	51.3	57.8	29.136	51.2	W	148	61.9	49.2	6.8	S. g. v
3	50.9	58.4	29.101	51.4	NWNW	111	62.2	46.7	0	SK g
4	50.6	58.6	29.448	52.2	S.W	99	59.7	48.9	6.4	K. C
5	51.9	56.9	29.401	53.6	SWWS	87	61.—	47.9	0	K g
6	56.9	59.6	29.397	53.7	S	97	61.9	48.2	0	K g r. all day
7	51.8	55.7	29.080	52.2	SW	203	64.4	50.7	0	
8	51.3	55.8	29.100	51.0	NWNW	134	63.0	49.5	0	
9	52.3	55.3	29.552	52.5	NWN	120	59.3	50.0	0	
10	51.4	56.2	29.806	51.6	NWN	90	62.3	51.4	0	
11	51.4	58.2	29.646	49.2	SW	72	68.7	50.3	0	
12	51.8	55.3	29.304	53.9	NWN	79	62.1	51.2	0	
13	50.8	55.6	29.346	51.4	N	68	58.3	47.8	0	g. r. K
14	53.4	55.7	29.686	50.8	NNE	75	62.5	50.3	0	
15	53.9	57.5	29.710	53.7	SNE	52	46.0	50.7	0	
16	52.7	56.5	29.640	52.2	ESE	86	64.8	50.7	0	
17	55.8	57.3	29.822	52.3	NESE	27	65.0	52.8	0	
18	58.3	59.2	29.752	53.0	SEGS	45	72.0	54.5	0	
19	55.2	58.7	29.474	56.3	SWW	71	64.6	52.5	6.6	KS
20	53.9	59.1	29.295	55.6	N	114	59.9	52.2	6.1	on N. horizon. K
21	53.5	56.8	29.610	52.9	NW	85	61.3	53.5	6.3	
22	51.7	57.6	29.868	52.0	NW	101	64.0	51.7	0	
23	59.6	59.0	29.760	49.8	SSW	73	66.0	49.8	0	
24	53.8	58.3	29.842	59.7	SWW	98	66.7	52.7	0	
25	54.1	58.7	29.778	52.6	SSW	65	67.3	52.5	0	
26	54.2	59.3	29.772	53.7	N	61	68.0	52.7	0	
27	57.9	58.6	29.547	54.3	SE	100	63.2	47.3	6.4	SK
28	59.7	59.8	29.792	58.1	SW	115	67.0	57.8	0	
29	65.4	62.0	29.664	60.4	TWN	174	71.2	56.8	0	
30	55.2	60.3	29.744	60.2	S	23	65.3	51.7	0	
31	53.8	58.2	29.536	55.8	NW	41	59.0	52.3	0	
	53.80	57.76	29.535	53.3			63.80	51.08		

1879	10. A. M.			Hygrom.	Anemom.		Rain					Bar.
August	E	A	Barom.	dry wet	Dir.	Sp.	Square	New.				Min. Max.
1	60.8	58.0	29.700	60.9 58.3	W	56	0.062	0.069	64	v	K	49.5
2	56.8	56.2	29.994	56.7 51.2	N	46	0.005	0.012	36	v	K	45.5
3	57.2	57.8	29.742	56.0 53.9	N.E	62	—	—	0		g K	51.6
4	58.4	58.0	29.672	57.3 55.8	SW	53	0.367	0.370	0	g	K	51.7
5	59.9	57.8	29.564	61.5 57.7	WWS	56	0.018	0.020	0		KS	51.8
6	56.5	57.2	29.508	57.7 53.8	NW	89	0.019	0.019	0		K	52.3
7	55.8	56.3	29.588	57.3 53.5	W	83	—	0.001	0		KS	50.2
8	55.3	56.2	29.688	56.9 52.8	NE	4	0.037	0.039	0		KS	49.3
9	58.3	56.0	29.814	60.0 54.4	N	29	—	—	31		K	44.4
10	58.1	58.9	29.746	58.1 53.9	N.E.W	29	—	—	0		SE	43.4
11	67.7	58.7	29.732	68.6 65.2	SWWS	48	0.049	0.059	68		K	53.8
12	67.2	61.3	29.598	69.0 64.8	SSE	73	0.009	0.007	0	g	S	61.4
13	64.0	62.2	29.452	65.5 60.8	SSE	165	0.009	0.011	0		KS	61.3
14	64.3	59.9	29.888	65.4 59.5	WWS	78	—	—	67		K	51.7
15	61.8	58.7	29.730	63.4 57.2	SE	30	—	—	0		KS	45.8
16	59.9	59.3	29.530	61.3 58.6	NNW	6	—	—	0	g	S	57.8
17	56.2	57.1	29.378	58.3 54.4	NW	72	0.238	0.241	0		KS	55.3
18	58.0	57.3	29.494	58.7 57.3	N	27	0.091	0.092	0		KS	51.8
19	63.3	59.0	29.530	64.2 59.6	SW	43	0.033	0.034	0		K	55.3
20	61.2	59.4	29.300	62.4 59.8	WNW	40	0.007	0.006	0	g	KS	55.3
21	61.3	60.7	29.376	62.0 58.3	SW	35	0.317	0.319	68		K	55.2
22	58.3	59.0	29.158	59.2 56.8	SW	94	0.106	0.108	0		KS	50.8
23	62.7	58.7	29.566	63.4 59.3	WSW	84	0.381	0.409	67		K	52.0
24	59.8	57.2	29.707	62.3 59.8	SW	43	—	0.004	6.6		K.C	47.5
25	57.0	57.8	29.238	59.5 54.7	SW	146	0.197	0.209	0	g	K	47.5
26	59.2	56.2	29.334	60.3 56.7	WWS	83	0.308	0.320	0		KS	47.4
27	57.2	56.3	28.932	57.6 57.2	SWWS	167	0.420	0.420	0	x	S	51.8
28	60.7	57.3	28.962	61.8 56.0	SWWS	166	—	0.004	67	g	K	52.4
29	57.6	56.6	29.354	58.5 54.8	WSW	139	0.273	0.289	0		S & KS	51.3
30	59.0	54.8	29.572	57.3 53.3	SW	102	0.032	0.042	67		K	43.8
31	54.6	55.3	29.785	54.3 52.2	WNW	79	0.071	0.073	65		K	43.2
	59.55	57.85	29.536				3.049	3.177				

1879

10. P. M.

Hygrom

Anemom

Thermom

August

E

A

Barom

dry
wet

Dir

Sp

Max

Min

1	51.2	57.5	29.930	51.2 49.8	W	90	66.2	56.6	610.
2	52.6	59.0	29.940	52.7 49.2	ENE	50	66.4	47.2	0
3	54.2	59.9	29.948	55.1 53.2	ENE	78	65.9	50.7	0
4	55.6	59.3	29.940	56.2 53.7	SWWS	94	66.7	53.8	0
5	53.3	58.5	29.984	53.6 52.3	NNW	46	68.0	52.2	0
6	50.6	57.3	29.976	50.7 48.3	TWNW	124	63.8	51.3	0
7	53.3	57.2	29.958	53.6 51.0	NWWTW	46	61.0	50.4	0
8	50.9	57.8	29.938	53.3 49.2	NNE	29	62.5	50.6	0
9	47.9	54.2	29.834	47.8 46.4	NEVE	44	60.7	46.5	67.
10	57.3	57.1	29.695	56.1 54.6	SSE	114	60.2	44.9	0
11	60.7	62.7	29.716	61.3 61.3	SE	140	75.3	55.6	62.
12	63.4	62.5	29.480	64.3 61.2	SSE	254	71.0	60.5	0
13	54.8	59.5	29.658	55.3 53.2	SW	136	68.0	55.5	610. v.
14	53.2	60.0	29.900	53.0 51.2	SESE	41	70.5	52.3	67.
15	56.2	59.5	29.946	56.3 54.4	ESE	71	70.0	48.3	63.
16	54.9	58.7	29.488	52.2 51.0	NW	64	63.0	52.8	0
17	53.4	57.9	29.233	57.0 53.2	NW	89	59.3	50.2	0
18	57.7	60.2	29.520	51.1 50.2	S	46	67.0	52.7	0
19	56.2	60.7	29.432	56.2 56.4	SSE	69	68.7	55.3	0
20	54.3	61.3	29.386	55.7 55.9	SSW	149	69.2	55.3	0
21	54.8	61.2	29.153	57.5 55.2	SSE	119	69.0	55.5	0
22	52.6	58.4	29.414	54.8 52.8	SW	114	61.3	51.3	69
23	51.3	57.8	29.702	52.3 51.6	SW	52	67.3	52.3	69
24	57.8	62.3	29.386	51.0 50.2	SW	109	67.8	47.2	0
25	50.0	56.2	29.184	54.6 49.2	SW	200	61.0	50.5	0
26	54.8	58.0	29.420	53.3 53.8	SWW	98	62.8	47.8	0
27	53.7	58.8	29.116	53.9 51.9	SW	156	68.1	51.7	66
28	53.2	55.3	28.904	53.6 52.2	WWS	299	64.0	52.3	0
29	46.3	53.3	29.610	46.7 45.5	SWW	101	61.4	47.4	69
30	47.7	54.0	29.586	47.8 46.9	SW	102	61.8	44.7	0
31	45.3	51.8	29.992	44.8 44.8	SW	64	62.1	52.2	6.10

Definition good.

g Thunder & lightning at 2nd hour rain.

K

g.

K Vision flash of lightning -
Definition extremely good.

K Definition extremely good.

Very bad

g.

S.

K

Tom clouded over.

Definition very middling
r. g

K Definition very bad.

K v. bright

53.69 58.51 29.549

✓

51.04

1879	10. A. M.			Hygrom	Anemometer		Ombid				
September	E	A	Barom.	dry wet	Dir	Sp	square	New			
1	57.3	53.0	30.186	55.3 53.8	SW	77	0.0143	0.082	0	KS	42.4
2	56.4	55.0	29.966	57.2 54.4	SW	235	0.108	0.113	0	g h	51.6
3	55.0	55.7	29.770	55.7 55.0	SW	163	0.0143	0.042	0	re g S	55.0
4	55.6	53.7	29.970	56.2 58.7	NE & N	32	0.037	0.045	57	K	42.8
5	55.8	54.7	29.776	53.7 62.4	E	36	0.008	0.011	0	S	48.0
6	61.2	56.7	29.418	59.2	SE	170	0.1144	0.150	0	K. KS	55.3
7	52.8	52.2	29.232	58.4 58.1	SE	88	0.393	0.367	0	t g	47.2
8	52.4	53.9	29.004	54.3 51.1	S	237	0.586	0.582	0	g & K. S	49
9	53.7	53.1	29.263	52.4 52.2	N	100	0.552	0.518	6.0	K	52.3
10	54.4	54.7	29.798	54.6 54.2	SW	67	0.000	0.011	0	K	47.3
11	53.0	55.3	29.538	55.1 55.2	SW & S	114	0.310	0.330			51.3
12	56.8	54.3	29.178	57.6 55.2	SW	104	0.333	0.325	0	g K	46.2
13	54.5	53.6	29.374	53.3 52.9	SW	74	0.039	0.042	6.9	CK	45.2
14	55.4	53.2	29.512	53.3 53.0	S. W	68	0.002	0.005	6.2	K	45.3
15	56.8	54.3	29.663	56.4 53.8	SW & W	49	0.001	0.005	0	g & K	48.7
16	52.6	53.7	29.791	54.4 53.2	E	11	—	—	0	f K	50.6
17	52.7	54.4	29.752	58.1 54.2	SE	14	—	—	0	m K	50.8
18	56.8	54.9	29.713	56.8 53.9	NE	11	—	—	6.2	f K	51.7
19	52.1	55.4	29.912	57.9 54.6	N	14	—	—	6.9	v C	50.3
20	54.2	54.8	29.665	54.3 52.6	SW	142	0.075	0.080	6.1	KE	47.0
21	52.9	53.4	29.614	51.9 51.2	SW	110	0.098	0.097	0	r K	48.4
22	52.8	53.0	29.664	51.0 50.4	SW	98	0.075	0.082	0	K	43.3
23	52.2	52.7	29.132	48.0 44.3	WSW	248	0.200	0.205	0	K	48.2
24	48.8	49.0	29.332	47.3 53.3	SW	30	—	0.002	0	C. & S	36.2
25	52.7	50.0	29.707	50.5 53.3	WSW	95	0.005	0.050	0	K	41.2
26	53.0	52.3	29.956	50.2 52.7	W	145	0.168	0.176	6.2	K	49.8
27	57.2	55.4	29.960	55.3 52.4	S	74	0.002	0.002	0	S & K	43.3
28	52.6	53.3	29.716	52.1 52.1	SW	105	0.493	0.182	0	K	52.4
29	52.4	57.3	29.900	49.6 53.4	SW & W	91	0.002	0.005	6.0		41.7
30	52.8	52.4	29.860	50.3	SE	82	0.002	0.005	0	KS	44.5
	54.90	54.02	29.645				5.719	3.835			

1879	10. P. M.			Hygrom.	Anemometer		Thermom.			
September	E	A	Barom	dry wet	Dir	Sp	Max	Min		
1	52.7	55.3	30.1014	53.0 50.3	SW	149	62.3	43.2	0	S
2	55.7	56.2	29.9244	56.2 54.3 50.6	SW	249	61.0	50.6	0	
3	50.5	54.0	29.866	50.0 50.2	NW	120	61.1	51.5	0	
4	50.0	54.6	29.952	49.6 55.8	SESE	21	63.3	44.7	0	
5	55.4	56.2	29.568	54.1 58.8	SW	96	59.6	43.4	0	
6	58.3	58.7	29.335	57.3	SSE	151	69.0	54.5	0	
7	51.9	57.2	28.920	51.2 57.2	SWWS	138	61.4	50.0	6.4	q. S
8	54.2	55.1	28.774	53.7	WSTW	222	57.1	46.9	0	f r
9	51.4	54.9	29.517	56.7	NWWTW	121	63.2	50.1	6.10	stars
10	54.0	54.7	29.447	54.2 53.1	SWWTW	63	62.0	45.9	0	f.
11	50.8	56.2	29.332	50.7 50.8	NW	123	59.7	51.6	0	g
12	50.1	55.6	29.138	49.8 45.0	SW	110	60.9	45.0	0	f
13	46.0	51.1	29.404	45.4 45.3	S.W	36	62.4	45.3	6.10	stars
14	53.3	55.9	29.490	53.1 53.1	SSW	78	60.2	45.1	0	f.
15	51.0	55.4	29.649	51.0 51.4	SW	30	59.1	51.2	0	f.
16	52.1	55.4	29.746	51.3 51.3	SE	14	59.2	50.3	0	g
17	52.8	55.7	29.544	52.8 52.7	SE	15	61.9	48.7	0	g
18	51.9	56.8	29.975	51.8	NW	20	62.8	50.9	6.0	a few stars
19	47.2	53.7	29.774	46.7 50.7	N	58	62.9	47.1	6.10	stars -
20	50.6	54.2	29.740	48.6	WWS	117	61.4	47.5	6.1	KS
21	45.3	54.2	29.536	44.3 49.9	S	127	58.3	46.1	6.8	stars
22	49.8	54.7	29.050	49.2	S	191	57.6	43.7	0	h q
23	42.3	49.6	29.228	42.2 41.2	SW	115	57.3	42.6	6.10	Solar halo. (elliptical) at 11 a.m.
24	41.2	50.2	29.584	40.9 40.4 50.3	WSTW	52	56.0	38.8	6.10	Definitum muddling
25	50.0	52.0	29.822	48.7 45.2	SW	162	57.5	44.3	0	
26	45.2	52.3	30.056	44.4 55.8	W	48	59.3	44.8	0	K
27	55.4	56.4	29.694	54.8	SWWS	181	59.3	43.8	0	K
28	44.4	52.0	29.665	44.0 47.8	SW	66	56.2	42.9	6.9	slight c moon
29	47.5	51.0	29.955	45.2 53.7	SW	84	60.4	42.3	0	K
30	53.6	58.3	29.932	52.2	S	154	57.7	44.5	0	
	50.55	54.45	29.579				60.37	46.70		

1879	10. A. M.			Hygrom	Anemomet.		Ombro			
October.	E	a	Barom	dry wet	Dir	Sp	Square	Rev.		
1	52.3	53.8	29.390	52.9 51.3	WGS	126	0.023	0.019	0	52.3
2	49.7	50.2	29.447	50.3 47.7	WSW	133	--	0.006	71	C & KS
3	51.3	49.6	29.602	51.6 51.3	SW	148	0.165	0.164	0	S
4	57.0	52.5	29.988	57.4 55.7	WGS	109	0.085	0.095	0	KS
5	56.4	57.3	29.915	58.1 56.2	SESS	72	--	0.002	6.8	SC
6	47.8	48.9	30.046	48.1 47.8	ESE	14	--	0.010	0	F.
7	46.3	49.8	30.245	47.0 46.6	ESE	12	0.020	0.017	0	fog
8	47.4	50.8	30.354	48.3 48.3	ESE	25	0.015	0.013	0	fog
9	45.0	48.6	30.342	45.3 45.3	NE	17	0.010	0.002	0	fog
10	50.3	49.7	30.310	50.2 49.7	WGS	20	--	--	0	S new dir wrong by smoke
11	49.3	50.2	30.348	48.4 48.4	NW	17	--	0.003	0	S
12	48.2	50	30.350	48.2 48.2	SW	11	--	0.010	0	fog S
13	49.6	49.5	30.228	49.1 49.1	W	17	0.013	0.010	0	S
14	54.3	50.5	30.006	53.6 53.2	W	68	--	--	0	S
15	42.7	46.2	30.168	40.0 40.0	N	34	--	0.005	0	K. KS
16	45.2	45.6	30.048	45.3 45.3	SW	34	--	--	0	K
17	50.3	48.7	29.700	50.9 47.8	WLN	129	0.039	0.040	0	K
18	47.0	47.4	29.718	47.2 46.3	S	32	--	0.001	0	S
19	54.3	50.4	29.226	53.4 50.3	SWNW	187	0.223	0.222	0	+ K 99
20	46.3	55.1	29.236	45.6 41.2	WGS	112	0.368	0.379	74	C CS 99
21	48.8	47.8	29.738	49.3 47.7	WLN	55	--	0.010	0	S
22	54.2	49.8	29.708	53.1 53.3	NW	99	0.113	0.116	0	KS
23	56.7	51.3	29.758	57.3 56.3	SWNW	81	--	--	0	S
24	50.4	51.7	29.494	51.0 50.2	SW	97	0.222	0.234	0	K & S
25	44.7	47.5	29.488	45.2 44.0	WSW	65	0.066	0.068	74	CS
26	43.8	45.1	29.443	43.8 43.3	NW	37	0.043	0.042	0	f + S
27	46.3	46.8	30.036	46.7 46.7	NE	97	0.038	0.039	66	CS
28	47.2	47.7	30.086	47.4 46.8	ESE	30	--	0.003	710	
29	44.3	46.3	30.120	44.6 44.7	SESE	12	0.009	0.009	0	fog
30	47.8	47.3	30.164	48.3 46.0	EWN	58	--	0.001	0	K
31	44.6	46.8	30.118	44.8 41.6	EWN	62	--	--	0	S
	48.98	49.26	29.899				1.452	1.520		

1879	10. P. M.			Hygrom	Anemom		Thermom		
October	F	W	Barom	dry wet	Dir	Sp	Max	Min	
1	43.8	48.3	29.486	43.8 41.9	SWLS	125	58.0	44.0	610
2	42.0	48.8	29.672	41.7 41.2	SWWN	124	55.3	41.2	610
3	53.3	52.3	29.784	53.7 53.5	WSTW	185	56.7	41.3	0
4	53.3	53.3	29.786	53.7 52.2	SSE	50	60.5	52.6	0
5	46.9	54.2	29.964	46.9 46.2	ENE	81	60.9	44.4	610 Bright stars
6	44.3	53.0	30.176	46.7 46.0	EBS	34	57.8	40.4	610 fog.
7	46.0	51.8	30.317	46.2 43.4	NE	30	55.2	41.3	610 fog.
8	43.3	51.5	30.338	43.6 45.2	NE	29	54.0	43.4	610 fog.
9	45.2	50.0	30.318	45.2 47.3	NNE	30	51.3	38.0	0
10	49.1	50.5	30.316	48.2 48.0	NNE	24	52.2	43.5	0
11	47.7	50.3	30.348	47.3 46.5	NW6W	18	52.0	47.2	0
12	46.3	49.7	30.304	45.8 47.5	W6N	23	51.5	46.3	0
13	49.3	50.2	30.138	49.2 37.8	WSTW	50	53.0	46.3	0
14	38.6	48.0	30.136	36.5 37.8	N	81	59.3	39.3	610
15	38.4	46.5	30.138	37.4 47.8	N.NW	41	48.5	35.5	614
16	47.6	47.7	29.752	47.3 43.2	SW6W	154	50.2	37.7	0
17	43.5	48.8	29.768	43.0 52.3	W6W	91	55.0	43.8	609 KS.
18	54.2	49.8	29.420	54.2	WSTW	121	56.3	40.4	0
19	42.8	51.3	28.964	42.2 37.7	SW	151	56.9	42.1	0
20	44.4	49.2	29.572	44.0 43.3	NW6N	112	53.2	40.7	609 KS
21	48.8	49.0	29.736	48.8 51.8	SW6W	60	52.3	40.8	0
22	51.4	50.3	29.800	51.4 54.3	SW6W	73	57.3	48.3	0
23	53.8	52.3	29.570	53.8 41.6	SW	135	57.6	51.5	0
24	41.7	47.3	29.458	41.6 34.6	W6S	76	56.7	42.4	614
25	35.3	44.3	29.626	34.7	W	40	51.8	36.8	610 Definition muddling
26	42.4	47.3	29.747	41.4 39.7	N	106	48.9	29.4	6.1 faint haze
27	43.5	47.7	30.060	43.3 41.0	NE6E	72	51.0	41.3	0 fog
28	40.8	46.0	30.086	41.2 46.3	S6E	25	55.0	40.8	0 fog.
29	46.2	47.8	30.130	46.3 45.3	NE6E	28	50.3	37.6	0
30	45.3	47.6	30.160	45.4 42.3	ENE	74	51.3	43.5	0
31	42.5	46.3	30.088	42.3 40.6	NE	34	48.8	42.4	0
							54.31		
	45.5L	49.45	29.914				44.05	42.13	

1879	10. A. M.			Hygrom.	Anemom.		Rain				
November	F	A	Barom.	dry wet	Dir	Sp	Square	Kew.			
1	43.0	45.8	30.020	43.3 37.5	NW	49	0.012	0.010	0	KS	41.6
2	40.3	40.4	30.306	40.1 39.9	NNW	47	—	0.001	6.7	SC.	29.4
3	46.8	45.2	30.358	46.3 45.5	NNE	35	0.063	0.063	6.9	K	31.3
4	45.0	45.7	30.400	45.3 44.0	WN	40	—	0.009	0	K & S	43.0
5	49.7	46.0	30.320	50.2 47.2	NW	102	—	0.005	6.3	K	41.9
6	49.6	46.8	30.358	50.2 47.1	W	81	0.007	0.004	0	K	45.2
7	50.8	47.7	30.437	51.6 47.9	NW	59	—	—	0	KS	48.8
8	46.4	47.0	30.343	46.8 46.8	SW	68	—	—	0	KS	48.8
9	47.2	47.6	29.995	48.3 48.2	S	179	0.053	0.056	0	H C	44.9
10	44	46.8	30.092	44.1 43.2	NW	43	0.599	0.620	6.10	—	—
11	42.5	45.3	29.590	42.3 42.0	SW	198	0.071	0.074	6.5	K	36.6
12	40.8	43.8	29.902	40.7 37.6	NW	150	0.081	0.083	6.9	KS in Houston	37.7
13	38.2	42.2	30.085	37.7 36.2	S	51	0.006	0.005	6.5	CS	31.9
14	35.8	40.6	30.074	36.9 35.2	WSW	11	0.003	0.002	0	KS	29.3
15	40.7	43.3	30.080	44.6 42.7	SE	142	—	0.002	6.5	K	35.8
16	41.8	42.3	30.126	41.4 40.1	S	123	—	—	6.10	—	37.0
17	50.2	46.8	29.872	50.4 49.8	SSW	216	—	—	0	S	42.8
18	52.3	48.4	30.137	53.6 53.3	WS	87	0.007	0.006	0	S	51.9
19	50.3	48.7	30.215	50.6 50.8	NW	17	—	0.003	0	fog	49.3
20	43.3	47.2	30.126	43.3 39.7	NE	93	0.028	0.023	—	—	43.0
21	42.9	44.2	29.898	43.2 40.6	NNE	183	—	—	0	K	36.0
22	44.3	44.3	29.734	44.4 43.0	NW	64	0.272	0.279	0	CS & S	38.0
23	40.4	42.7	29.801	40.4 40.1	NW	67	0.059	0.048	6.1	K.S.C.	40.3
24	36.5	40.7	29.978	36.3 35.7	NE	39	0.007	—	0	K	32.2
25	39.7	40.8	30.182	37.8 36.3	NE	126	0.005	0.002	6.1	K	34.9
26	35.4	40.2	30.156	35.8 32.3	NE	54	—	—	0	S	34.3
27	40.0	39.0	30.102	40.2 36.2	NNE	52	—	0.002	0	KS	31.8
28	35.4	38.1	30.020	35.7 34.2	WNW	38	—	—	0	KS	30.2
29	35.8	39.0	29.936	35.3 34.3	NEN	33	0.030	0.028	6.5	KS	34.3
30	30.4	37.1	29.497	30.8 28.9	W	44	0.093	0.072	0	SNOW KS	31.1
	42.80	43.79	30.086				1.396	1.397			

1879	10 P.M.			Hygrom	Anemom ^r		Thermom ^r		
November	E	A	Barom	dry wet	Dir	Sp	Max	Min	
1	33.8	42.0	30.172	33.2 30.7	NNE	131	46.3	33.5	610. v
2	41.2	44.8	30.337	46.3 44.2	NW	65	46.2	30.1	610. v. K
3	44.2	46.2	30.354	42.5 43.2	NW	57	51.7	40.3	0
4	43.2	46.0	30.328	41.8 43.3	WSW	53	50.0	42.0	0
5	43.6	47.0	30.360	42.7 43.6	WSW	82	53.8	40.8	-
6	48.3	47.3	30.382	46.2 46.7	TWN	89	52.8	43.2	0
7	46.3	48.0	30.383	45.3	WSW	42	51.0	46.6	0
8	48.0	47	30.059	46	SSW	120	57.2	44	0
9	45.0	48.2	29.914	45 38.0	NEEN	120	52.5	41.3	r d
10	37.8	45.6	29.998	37.2 44.2	SWWS	71	48.6	37.2	65
11	44.3	45.6	29.626	40.2 36.2	NW	212	48.8	37.8	610.
12	36.4	44.2	29.980	36.0 32.2	WNW	91	47.0	35.5	66.
13	32.4	41.5	30.085	31.2 41.6	SW	28	45.3	32.5	65
14	41.8	42.6	30.087	39.1 42.0	SE	61	45.3	31.6	0
15	41.8	44.3	30.104	40.4 46.0	SWS	143	49.7	40.5	62 K
16	45.9	45.2	29.983	44.8 52.8	SW	169	48.6	36.8	0
17	52.4	47.2	29.982	52.7 51.6	WWS	151	55.7	45.3	0
18	51.2	48.8	30.236	48.7 47.9	SWWN	75	57.3	51.0	0
19	48.3	49.3	30.160	37.6 34.8	E	71	53.3	47.4	0
20	38.0	44.4	30.088	38.7 38.0	ENE	147	52.3	37.8	69.
21	39.0	43.8	29.772	40.5 39.6	NNE	169	45.7	35.6	0
22	40.6	44.3	29.812	39.6	W.	78	48.0	37.8	0 K
23	37.8	42.9	29.938	35.3 34.3	NE	59	46.1	31.4	66 K. C.
24	57.2	41.3	30.064	37.2 35.4	NESE	83	44.0	32.7	0 K
25	54.3	40.7	30.217	35.8 32.4	NESE	129	43.0	34.0	65 K
26	32.2	38.8	30.076	31.8 30.3	NE.	42	39.4	32.3	0
27	35.8	39.3	30.107	35.2 33.3	ESE	134	43.7	32.2	610.
28	36.2	39.2	29.890	36.8 35.6	NW	31	41.7	30.4	0
29	32.2	37.3	29.910	31.3 31.9	NW	61	41.8	30.6	0
30	26.3	36.2	29.841	26.1 25.2	NWEN	54	36.9	25.2	6.8 CB - D. some snow lying
	40.52	43.97	30.077				48.08	37.25	
							✓	37.2 ✓	

1879	10. A. M			Hygrom	Anemom		Rain		Roof Sher	
December	E	A	Barom.	dry wet	Dir	Sp	Sq.	New		Min
1	27.5	34.0	29.756	20.8	NW6W	31	0.005	0.005		22.9
2	21.3	29.8	29.616	20.0	NW6N	22	—	—		16.3
3	28.6	31.2	29.588	27.8	EB5	71	—	—	0 KS	20.0
4	20.7	28.8	29.538	26.7	ENE	34	—	—	610 f	17.5
5	30.0	30.2	29.394	29.8	SW6W	118	0.009	0.010	0 K	19.8
6	28.6	32.2	29.798	29.3	W6S	38	—	—	65	23.5
7	28.4	30.3	30.031	28.6	WSW	50	—	—	610	25.1
8	29.3	31.2	30.254	29.2	W6S	55	0.009	0.010	0 f	24.3
9	31.3	32.2	30.193	31.2	SW6W	76	0.004	0.005	0	26.0
10	26.4	32.7	30.264	26.7	SW6W	25	0.030	0.038	0 f	27.0
11	20.4	29.0	30.290	20.4	W	6	0.004	0.007	0 f	17.8
12	29.7	29.6	30.388	30.0	W6N	10	0.010	0.014	0	18.2
13	35.5	34.0	30.380	29.4	SSW	141	—	—	64 CS	31.3
14	30.2	36.7	30.065	32.3	SSW	171	—	—	0 K f	33.8
15	41.3	38.3	30.176	42.2	SW6W	118	—	—	0 KS	40.0
16	41.0	39.7	30.088	41.0	SSW	114	—	—	69 KS	41.4
17	42.6	40.6	30.284	43.0	SW6S	121	—	—	0 S	41.4
18	33.1	36.9	30.362	42.2	S	51	—	—	610	31.0
19	27.3	34.3	30.402	33.1	WSW	17	—	—	0 f	23.2
20	37.7	35.8	30.164	32.9	EB5	64	0.023	0.010	0 S	27.3
21	41.9	37.8	29.817	27.6	SE SE	226	—	0.000	0 K S	36.8
22	37.2	37.3	30.160	27.5	SW6W	160	0.040	0.040	69 KS	34.4
23	46.3	43.0	30.260	37.0	SEW	286	0.022	—	0 KS	38.9
24	38.5	41.2	30.027	35.8	SW	193	0.064	0.059	0 K S	37.6
25	31.8	37.9	30.146	31.8	S	94	—	0.002	6.10	32.7
26	41.7	40.7	30.016	30.1	SE6S	195	0.010	—	610	34.0
27	49.6	45.3	29.628	41.5	S	336	—	0.005	0 76	41.8
28	41.4	44.4	29.443	39.6	S	212	0.568	0.563	0 76	30.9
29	40.6	42.3	29.442	47.7	SSW	204	0.070	0.072	0 K CS	37.8
30	34.8	39.4	29.038	40.2	WSW	275	0.248	0.266	0 9 Snow.	35.3
31	40.6	47.8	29.866	34.6	SW6W	226	0.478	0.510	0 K	33.8
	34.63	36.08	29.941	43.3			1.572	1.616		

1879	10. P. M.			Hygrom	Anemom		Thermom			
December	E	A	Barom	dry wet	Dir	Sp	Max	Min		
1	22.0	32.7	29.678	18.0	WNW	30	34.5	20.8	67.	
2	26.1	31.5	29.412	25.2 24.3	EN	53	31.8	16.2	0	KS
3	21.2	32.0	29.530	19.2 19.8	ECS	82	33.2	20.7		
4	22.8	28.3	29.440	20.2 34.5	SSW	39	28.8	18.3	0	KS
5	34.6	31.8	29.486	33.8 23.7	TWN	98	32.0	20.5	61.	K
6	24.3	32.2	30.026	23.7 34.8	WSW	29	37.3	14.5	61.0.	
7	20.1	32.6	30.194	23.2 26.7	WSW	60	33.2	22.9	68	HC
8	26.8	31.5	30.256	26.6 34.3	WSW	51	34.0	22.4	0	
9	34.2	33.3	30.216	33.8 24.2	SWW	93	37.3	25.8	0	
10	24.5	31.3	30.265	24.2 22.3	WWS	13	38.6	24.3	0	
11	23.7	29.8	30.326	22.0 35.8	W	14	29.2	19.0	67	
12	35.7	33.2	30.428	34.3 37.7	SW	121	39.3	18.5	0	
13	37.5	34.7	30.238	37.0 38.8	SW	119	41.0	34.2	0	
14	58.8	38.6	29.998	38.8 41.2	SW	165	46.1	33.9	0	J.
15	40.7	39.2	30.158	40.2 42.2	SSW	118	46.2	36.3	0	
16	41.8	40.5	30.108	40.6 35.1	SWWS	169	46.2	39.5	0	
17	34.8	41.9	30.350	34.9 32.6	S	92	46.9	33.7	6.8	SK
18	33.2	38.3	30.373	32.3 32.7	SW	34	41.0	30.5	10.	
19	33.2	35.8	30.326	32.2 37.8	ESE	21	36.6	23.5	0	
20	37.8	36.8	30.037	35.7 41.1	SSE	101	40.4	30.0	0	
21	42.2	40.4	29.805	41.1 46.3	SW	249	47. -	35.6	6.1	SC 2.0
22	46.0	41.0	30.226	46.3 45.3	SW	271	48.8	35.3	0	
23	41.3	42.3	30.012	41.2 40.0	SWWS	261	49.8	41.3	0	
24	33.3	40.0	30.166	33.2 32.6	SWW	147	46.0	33.5	61.0.	D
25	41.7	42.8	30.206	41.3 42.6	S	159	44.1	29.8	6.2	C
26	43.8	41.8	29.888	40.7 47.3	S	299	45.3	37.7	0	
27	51.2	47.3	29.292	51.2 40.2	SW	389	53.3	42.3	0	g.
28	41.1	45.9	29.263	39.8 34.0	SWW	327	34.9	40.2	6.2	CK
29	34.4	40.0	29.508	34.3 33.3	WSW	248	45.3	34.5	61.0	
30	33.6	37.8	29.404	32.8 30.7	WSW	209	40.7	33.0	0	
31	50.5	44.6	29.204	50.7 50.7	SWW	221	52.7	33.3	0	
	31.64	37.03	29.926				41.63	29.52		
							✓	✓		

1879	10. A.M.			10. P.M.			Rain		Thermometer during Month			
Summary	E	A	Barom.	E	A	Barom.	Square	New	Maximum	Minimum		
January	33.32	34.37	29.763	31.69	34.28	29.737	2.128	1.829	49.3	14 th	18.2	12 th
February	38.14	38.14	29.239	36.44	38.76	29.234	1.695	1.703	51.0	27 th	25.7	25 th
March	41.70	40.95	29.688	38.39	41.66	29.671	1.965	2.023	55.0	8 th	27.8	13 th 25 th
April	45.01	43.61	29.477	40.22	44.36	29.484	2.389	2.451	58.8	5 th	27.8	18 th
May	51.95	48.87	29.819	44.86	49.65	29.811	3.469	3.447	64.0	29 th	32.2	3 th
June	57.87	55.56	29.477	52.23	56.16	29.472	4.005	4.265	71.3	15 th	40.4	2 nd
July	57.81	56.56	29.543	53.50	57.76	29.535	5.426	6.340	72.0	18 th	46.7	3 rd
August	59.55	57.85	29.536	53.59	58.51	29.529	3.049	3.177	75.3	11 th	43.2	31 st
September	54.90	54.02	29.615	50.55	54.45	29.579	3.719	3.835	64.0	6 th	38.8	24 th
October	48.98	49.26	29.899	45.54	49.45	29.914	1.452	1.520	60.9	5 th	29.4	26 th
November	42.60	43.79	30.086	40.52	43.97	30.077	1.396	1.397	57.3	18 th	25.2	30 th
December	34.63	36.08	29.941	34.64	37.03	29.926	1.572	1.616	54.9	28 th	16.2	2 nd
Summer	55.18	53.67	29.653	50.09	54.33	29.643	21.120	22.581				
Winter	39.27	39.49	29.532	36.98	40.01	29.688	11.145	11.019				
Year	47.22	46.59	29.592	43.53	47.17	29.665	32.265	33.603				
	Days of Rain	Mean Therm.	Mean Barometer.			Day of greatest Rain						
January	10	32.50	29.750			0.505 on 18 th						
February	19	37.29	29.236			0.320 14 th						
March	19	40.04	29.680			0.440 17 th						
April	17	42.61	29.480			0.395 8 th						
May	19	48.60	29.815			0.939 17 th						
June	22	55.05	29.474			0.682 9 th						
July	25	65.80	29.539			1.004 20 th						
August	18	56.57	29.542			0.420 27 th						
September	17	52.72	29.612			0.536 8 th						
October	15	47.26	29.906			0.368 20 th						
November	11	41.66	30.081			0.599 10 th						
December	10	34.63	29.933			0.568 23 rd						
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Mean Temperature of Year = 46.38

Maximum Heat on August 11th = 75.3

Minimum Heat on December 2nd = 16.2

Mean Barometer = 29.628

Maximum on November 7th = 30.437

Minimum on February 10th = 28.524

Day of greatest rain on July 20th

Square = 1.004

New = 1.325