

1855	9 th A.M.			Hygr	Wind		Rain		E. A. Bar. Dir. Force		Square Round	
Jan's	E	A	Bar:		Dir:	Force						
D 1	49.3	45,	29.876	49.13	WbS	6	—	—	o. v.	K		
2	49.	46,	30.023	49.33	WbS	2½	0.0123	0.138	o. vv.	K. Ks.		
3	44.9	45.4	30.053	44.43	SWbS	2½	0.0243	0.030	b. v.	K. Ks.		
4	45,	45.1	29.873	44.53	SWW	5	0.015	0.017	b. vv.	K. CK.		
5	48.4	47,	29.644	48.33	SWW	9	0.0013	0.040	o. v. d.	K. m.		
6	43.6	44.7	29.009	43.43	SWW	2½	0.0003	0.079	o. m.	S. CS.		
7	48.3	47.1	30.115	48.13	SWW	4	0.0253	—	o. v.	K.		
8	46.7	46.1	30.063	46.43	S	6	—	—	o. v.	Ks. S.		
9	37.2	45,	30.170	36.73	SWW	1½	0.0233	0.074	b. m.	CS.		
10	34.7	40.3	30.277	32.73	WbS	9	0.0403	frozen	fog.	with bulb of Hygr. frozen		
11	42.7	43.4	30.371	42.33	SSW	2	0.0273	0.067	b. m.m.	K. Ks. CK		
12	44,	43.4	30.453	43.63	WbS	1	0.0303	—	o. v.	Ks.		
13	36.1	42,	30.429	35.63	WbS	1	—	—	fog.			
14	39.2	40.6	30.373	35.63	WbS	2	—	—	o. v.	K.		
15	37.1	40.4	30.364	36.23	SWW	2	—	—	o. m.	Ks. S.		
16	38.4	39,	30.081	38.73	W	3	0.0543	0.057	o. v.	K. Ks. S.		
17	36,	38,	30.152	35.33	SWW	4	0.0553	frozen	b. v.	K. CK.		
18	30.2	35,	30.123	29.33	SWW	1½	do	do	o. m.	K. Ks. S.		
19	37.7	37,	29.927	37.73	SWW	2	0.0663	0.072	o. m.	light rain		
20	36.1	38.9	29.871	36.63	SWW	4½	0.0473	0.047	o. v.	K. Ks.		
21	28.5	34.2	29.855	27.83	SWW	1	0.0583	—	o. v.	K.		
22	32.8	35,	29.690	31.13	WSW	0	frozen	frozen	o. m.m.	Snow on ground.		
23	31.9	35.4	29.775	31.13	WSW	0	frozen	frozen	o. m.m.	do		
24	28.1	32.8	30.013	27.53	SWW	0	do	do	o. m. v.	do		
25	30.2	33.6	30.073	30.73	SWW	1	do	do	b. m.m.	do		
26	33.3	34.5	29.797	31.73	NEbN	2½	0.0353	—	b. v.	Ks. S.		
27	34.2	34,	29.856	31.73	SSW	1	frozen	frozen	b. v. Ks. q			
28	32.4	34.5	29.853	30.93	WbS	0	do	do	o. m.	Ks. K.		
29	27,	33,	29.607	26.33	SWW	1½	do	do	b. m.m.	CS. S		
30	28.5	32.5	29.590	26.33	SWW	4	do	do	o. v.	S. n. snow falling		
31	26.9	31.8	29.547	25.33	SWW	4	do	do	o. snowing very much			
mean	37.37	39.38	29.997			Sum	60.325	0.612				
							1354					

1855	9 th PM			Hyg.	Wind		May	Min.		
Jan 5	E	A	Bar:		Dir	Force	'T'	'T'		
1	49.3	45.6	29.932	48.23	WbS	6+	53.	45.5	0. v. g.	K.
2	47.1	46.	30.047	47.3	SW	3	51.	46.2	0. v.	KS.
3	45.5	45.8	29.989	45.63	SW	4	48.	42.9	b. v.	K. CK
4	46.4	46.	29.738	46.23	SW	6½	47.3	43.8	0. v.	K. S. KS.
5	45.3	47.	29.793	44.93	SW½W	3	51.	45.	b. v.	K. dispersing
6	49.1	48.	30.044	45.23	SWbS	8	48.5	40.5	0. v. g	KS
7	48.4	47.4	30.133	45.13	SW	5	50.6	47.5	0. v.	K. KS.
8	47.4	46.7	29.947	47.13	SW	5	49.	46.	0. g.	K. KS.
9	34.	43.	30.290	32.33	WbN	0	48.4	33.7	b. m.	
10	44.7	42.7	30.323	44.13	WSW	2	44.7	29.	10 fog.	
11	43.	44.	30.411	42.93	SSTW	1½	45.6	29.1	0. v.	KS.
12	41.5	43.5	30.467	41.33	NE	2	46.	40.6	b. v.	KS
13	36.4	43.	30.366	35.83	SEbE	3	41.8	34.5	b. v.	
14	38.9	41.	30.398	35.43	SW	1	41.3	35.	0. g.	K.
15	33.2	39.1	30.236	32.33	SW	2	39.1	33.1	b. m.	
16	36.5	35.	30.073	35.63	N	5	41.	32.8	10 b. v.	KS.
17	30.4	36.6	30.223	33.93	NE	3	36.6	30.	b. v.	KS.
18	33.	36.8	29.984	32.43	WbN	1	36.8	27.9	b. v.	KS. S.
19	38.5	38.2	29.869	35.33	SW	2½	41.1	32.	0. g.	K.
20	32.1	37.5	29.883	31.93	N	1	40.	31.	b. v.	KS.
21	29.5	32.	29.790	28.93	SW	1	33.6	26.6	0. g.	KS.
22	33.	35.1	29.680	32.43	SW	0	34.2	28.9	b. m.	K. (at 11½ th Bar: Thor. Hyg.)
23	30.2	35.4	29.938	31.93	SE	1	35.	29.8	b. v.	at 11½ th snowing commenced.
24	33.3	34.	30.039	32.73	SE	2	35.	25.2	0. v.	KS. K.
25	32.4	36.	30.030	31.93	SW	2	37.	27.8	0. v.	K.
26	33.9	35.2	29.750	33.33	NEbE	4	37	31.	0. v.	K. KS
27	33.5	35.	29.957	32.53	NNE	2	37	31.	b. v.	KS
28	33.9	35.6	29.704	33.13	WSW	0	36.7	30.4	0. m. v.	S.
29	28.	36.	29.562	32.23	SW	1	34.7	25.8	b. v.	S. Hyg. frozen.
30	30.	34.	29.597	29.73	NE	4	33.	25.1	0. v.	much snow fell during the day
31	28.4	31.7	29.642	27.63	NE	4	30.3	25.5	b. v.	until 2 P.M. a heavy fall of snow during the day
mean	37.64	39.84	29.995				41.22	33.62		
							41.43	33.97		

1855		9 AM		Therm.	Wind		Rain			
February		E	A		Dir.	Force	Square	round		
4	1	29.	31.	29.843	frozen	5	frozen	frozen	b. v.	S. CK. KS. much snow on ground
	2	29.	31.	29.939	28.5	4	do	do	b. vv.	K. do
	3	35.3	34.	29.485	35.1	8	do	do	o. v.	KS.
⊙	4	35.3	35.3	29.040	35.3	5	0.4303	0.400	o. m. n.	light rain
	5	38.	36.5	29.295	37.3	3	0.3763	0.115	o. v.	K. KS.
	6	35.3	36.5	29.565	36.3	3	0.2883	0.001	b. vv.	CK. K. S. a little snow on ground
	7	35.4	35.1	29.840	37.3	2	0.003	0.014	b. vv.	K. CK. do
	8	31.6	34.	29.941	37.3	4	0.0157	0.014	b. v.	K. S. do
	9	33.	33.	29.809	37.3	7	frozen	frozen	b. v.	K. S. do
	10	28.3	31.9	29.824	37.3	4	do	do	o. v. y	KS. S. much snow on ground
⊙	11	28.8	30.8	29.525	27.5	0	do	do	b. m.	S. K. E. do
	12	29.5	30.6	29.506	28.1	1+	do	do	o. m. m.	snowing a little.
	13	23.1	29.8	29.404	28.1	0.	do	do	b. v.	
	14	25.3	29.1	29.373	27.7	0.	do	do	b. m. m.	K. CK.
	15	20.	27.5	29.579	27.7	0.	do	do	b. m.	CS. S. dry bulb T. sunk below its 3rd situation
	16	27.3	30.2	29.736	26.3	3 1/2	do	do	b. v.	n. i. e. K. CK. snow falling
	17	23.3	28.2	29.811	26.2	0	do	do	b. m.	KS.
⊙	18	25.	27.5	29.847	24.3	3	do	do	b. m.	KS. S.
	19	28.	30.2	29.850	23.5	1	do	do	b. v.	K. S.
	20	26.3	30.2	29.687	27.1	2.	do	do	b. m.	K. KS. S.
	21	28.8	30.4	29.683	25.4	4	do	do	b. v.	KS. S.
	22	30.8	30.7	29.657	28.3	4	do	do	b. vv.	S.
	23	31.8	32.7	29.713	30.4	2	do	do	b. v. m.	K. S. K. deep snow on ground
	24	35.8	32.8	29.573	31.8	3	do	do	o. v.	KS.
⊙	25	34.9	34.7	29.131	30.2	4	0.7023	0.690	o. m.	KS.
	26	34.8	35.2	29.429	34.5	1+	0.6603	0.106	o. m.	KS.
	27	40.	36.5	29.366	34.5	6	0.1003	0.055	o. v.	K. KS.
	28	37.7	37.	29.591	39.8	4	0.0467	0.213	b. v.	KS. S. CS.
										{ at 1 PM a halo round ⊙
mean				29.608	Sum		1.594	1.594		

1855	9 PM			Wgt	Wind		Max	Min	* 15 th at 8 ³⁰ AM H was 18.0 when E was 47° so the min was really 15.5	
February	E	A	Bar:		Dir	Force	T	T		
1	31.	32.6	29.955	30.23 29.8	NbE	2½	32.7	26.8	b. v.	K. CK.
2	35.1	33.8	29.742	34.23 33.7	ESE	5	36.	24.	o. v. g.	KS.
3	35.3	34.1	29.148	35.3 34.	NbE	5	35.6	33.	o. v.	KS.
4	39.1	36.1	29.141	39.13 38.2	NSE	3	41.2	35.	o. v.	K.
5	34.6	36.4	29.450	34.23 31.8	NbW	2	39.8	34.	b. v.	K.
6	36.4	36.5	29.715	35.43 33.2	N	3	40.	32.5	b. v.	KS.
7	34.	36.4	29.859	33.43 32.	NbW	1	39.9	32.8	b. v.	K.
8	30.	32.5	29.784	29.33 28.5	NSE	7	35.3	28.	b. v. g.	KS.
9	30.7	33.5	29.880	30.23 29.9	NSE	5	33.6	29.	o. g.	K.
10	26.8	32.6	29.701	25.6 24.1	NSE	0	32.	26.6	b. g.	S
11	29.8	32.4	29.489	28.8 27.1	NbE	4	34.7	22.7	b. v	much snow during the day.
12	26.4	32.1	29.462	25.4 25.3	NSE	0	36.	25.2	b. m.	5 in N. slight Aurora
13	27.4	33.	29.347	26.4 26.1	NW	0	34.7	21.4	b. m	some snow fell during the day K: KS in NW.
14	23.	33.	29.428	22.1 21.1	NbW	1	32.5	20.	b. v.	
15	26.3	32.7	29.729	25.1 25.	NEEN	0	32.5	16.5	b. v.	K clouds scattered over sky
16	25.9	31.	29.757	24.9 24.4	SE	3	30.9	20.	b. v.	
17	20.8	30.9	29.840	24.4 24.0	NbS	0	31.2	19.1	b. m	
18	26.9	32.8	29.857	25.5 25.2	NbW	1	37.2	18.4	b. v	
19	27.	33.8	29.784	26.3 25.3	NbW	1	38.1	24.	b. v	
20	26.	33.8	29.658	24.8 24.4	NbE	1	35.5	23.1	b. v	
21	28.1	32.2	29.690	27.4 26.7	NbE	1	31.8	24.4	b. v.	S. KS.
22	33.4	32.7	29.504	33. 32	NbE	5	33.5	25.4	o. v.	snowing a little (much snow during day)
23	30.	34.5	29.845	29.3 30.5	NbW	4	38.9	29.5	b. v.	K. KS. dispersed
24	38.	35.3	29.007	37.6 37.3	NbW	1	38.5	26.6	o. v.	KS.
25	35.8	36.1	29.183	35.3 34.8	NbE	2½	38.	33.6	o. m.	rain n.
26	35.9	35.6	29.558	35.4 35.	NbE	1+	38.	33.1	o. m.	KS.
27	40.5	37.5	29.313	40.3 40.	NbE	1+	44.	35.	o. m.	much rain -
28	42.7	41.7	29.231	42.2 41.8	NbW	10	45.9	35.3	o. v.	K. n. Bar. heaving very much
Mean	31.33	34.10	29.573				35.97	26.70		
							36.35	26.96		

1855	9 th AM			2	Wind		Rain			
March	E	A	Bar:	18.	Dir	Force	Square	Round		
1	42.7	40.	29.041	42.3 } 40.	SWbS	11	0.049 } 0.117	0.200	0. Y.	KS. n. rain - Bar. heaving
2	43.	41.3	28.771	42.7 } 40.	S	10	0.033 } 0.086	0.112	0. Y.	KS. $\frac{D}{4}$
3	40.	39.	28.793	39.2 } 36.3	WbX	7	0.117 } frozen	0.226	b. VV. q.	KS. S. n. in S.
4	37.3	37.1	29.171	36.2 } 35.2	SS E	5½	frozen	frozen	b. VV. q.	S. CS towards N.
5	38.3	38.	29.405	38.6 } 36.6	S	5	0.121 } 0.188	0.263	b. V.	CS.
6	34.1	37.	29.687	33.5 } 32.5	SW	1	0.000 } 0.005	0.003	b. m	
7	39.7	39.2	29.571	39.6 } 36.6	WbX	2	drops	drops	b. V. h.	
8	34.9	38.9	30.028	34.3 } 34.	SW	0	drops	0.001	0. m.	K. KS.
9	39.6	40.	29.737	39.3 } 37.1	Sb E	5½	0.002 } 0.009	0.007	0. V.	S. KS.
10	38.2	39.4	29.685	37.9 } 36.3	SWbW	2	0.244 } 0.255	0.264	b. V	
11	34.5	38.	29.293	33.6 } 33.4	SS E	4	partly frozen	partly frozen	0. m.	Snowing rapidly
12	40.	38.6	28.730	39.3 } 38.3	W	7	0.373 } 0.545	0.675	b. V.	m. K.
13	38.2	38.1	29.145	38.1 } 35.1	W	4	0.037 } 0.056	0.104	b. VV.	K. CK. S.
14	38.1	39.1	29.335	38.4 } 37.	SS E	3	0.016 } 0.019	0.013	0. Y.	rain n.
15	43.2	40.3	29.334	43.2 } 41.5	SE	6	0.021 } 0.020	0.024	0. m. q.	KS.
16	41.7	40.6	29.191	41.1 } 40.	SSW	7	0.360 } 0.424	0.480	b. VV.	CK. CS. S. K.
17	40.5	40.5	29.163	40.2 } 38.8	SSW	4	0.043 } 0.057	0.083	b. V.	CS. S.
18	40.5	40.3	29.293	40.2 } 39.2	SSW	6	0.080 } 0.108	0.120	b. VV. 29	CK. K.
19	43.	41.4	29.668	42.3 } 41.6	SEbE	4	0.033 } 0.035	0.057	0. V. m.	K. KS. S.
20	44.4	42.5	29.537	44.3 } 43.	SE	3	drops	—	0. V.	KS.
21	38.5	41.1	29.253	38.4 } 35.7	WbX	7+	—	—	0. Y.	K. KS.
22	36.	38.	29.048	35.7 } 32.7	NbE	6	—	—	b. V. q.	K. KS.
23	35.5	36.2	29.170	35.3 } 34.2	NbE	6	—	—	b. VV. q.	S. K. { some light snow shower yesterday but the rain - gauges quite dry
24	36.7	35.7	29.220	35.9 } 32.1	SSW	6	—	—	0. Y.	K. KS. CK. wet bulb frozen
25	35.2	35.6	29.380	34.9 } 32.1	NbE	0	0.0013 } 0.001	0.001	b. V.	K. near horizon
26	38.4	37.3	29.517	38.1 } 36.2	SWbS	2½	drops	—	b. Y.	C. CK.
27	39.4	39.1	29.681	39.6 } 35.6	NbE	3	—	—	b. VV.	K. dispersed -
28	35.6	36.	30.024	35.5 } 34.1	N	4	—	0.001	b. V.	
29	37.3	37.	30.300	36.6 } 34.5	EbE	2	0.018 }	—	b. V. h.	
30	37.	37.1	30.307	36.5 } 35.3	S	1	0.0017 } 0.000	0.004	b. h. V	
31	40.8	39.1	30.237	41.4 } 37.2	S	3¼	0.017 } 0.000	0.002	b. h. V.	
mean	38.79	38.76	29.442			slim	1.548 }	2.640		
							2.114 }			

1855	9 Pm			Age	Wind		Map	Min		
March	E	A	Bar:		Dir	Force	T	T		
1	41.3	42.3	29.179	41.63	S	4	47.9	35.1	o. y.	Rain. n.
2	38.1	40.2	28.398	37.83	SS E	9	45.5	37.2	b. vv. g.	S. { Bar: heaving a little
3	35.2	40.1	29.148	35.33	WSW	2	43.7	34.	o. y.	KS. n. clear - { at 11 Pm. Bar = 28.335
4	36.	39.3	29.152	35.47	SE E	6	46.2	31.9	o. vv. g.	KS. S.
5	34	40.6	29.601	33.33	SW	4	47.6	33.5	b. y.	Slight Aurora.
6	36.4	41.2	29.573	35.23	E	4	39.5	30.6	b. y.	
7	37.6	42.1	29.833	36.93	E	4	46.6	31.9	b. y.	
8	36.	42.3	29.922	35.43	SE E	4 1/2	45.1	31.	b. y.	
9	40.	41.8	29.653	39.23	SW SW	2	43.6	35.4	o. g. m.	K.
10	35.1	41.4	29.550	34.63	WS	2	45.4	33.7	b. y.	K. S. n.
11	41.2	40.3	28.917	40.93	SW S	4	42.4	32.3	o. g.	K.
12	36.	41.0	29.000	35.43	SW W	4	45.7	35.6	b. vv. g.	K. { bright diffused Aurora with a few streamers - day?
13	36.	42.	29.363	35.33	SSW	1 3/4	45.3	33.8	b. m.	s stars dim. (hail showers during the)
14	39.1	41.3	29.463	39.13	ES	2 1/2	42.1	35.	o. y.	KS. S.
15	43.	42.4	29.093	43.63	SSW	4	47.5	38.3	o. g.	KS.
16	40.	43.2	29.265	39.23	SE	6 1/2	48.5	36.2	o. g.	KS. K.
17	38.	43.3	29.185	37.63	SW	4	46.3	36.	b. v.	K.
18	39.	43.	29.623	38.63	SW S	4	48.6	36.1	b. y.	S.
19	45.	44.5	29.615	44.83	SE S	3	49.5	37.1	b. y.	KS.
20	41.	44.	29.401	40.53	ES	7	48.1	40.	o. y.	KS.
21	37.1	42.4	29.111	36.93	NE	6	42.4	36.6	o. v. g.	K. KS. Bar: heaving a little
22	34.9	37.6	29.128	34.43	NNE	9	38.6	32.6	o. v. g.	K. { Wet bulb of Hyg. frozen - Bar: heaving very much
23	33.6	39.8	29.193	33.23	SW	0	39.1	32.4	o. vv.	K. KS.
24	32.5	40.	29.287	32.73	NW	0	42.	27.4	b. vv.	CK.
25	37.5	41.	29.485	37.23	N E	1	43.8	28.	o. vv.	K.
26	36.5	41.4	29.577	36.33	SW W	3	45.3	30.	b. vv.	K. CK. e
27	32.3	40.5	29.888	31.43	SW	1	42.3	32.3	b. vv.	CK. K
28	35.4	42.	30.189	34.23	NNE	2	43.4	27.5	b. v.	
29	34.	42.8	30.333	32.23	SE S	1	46.4	28.	b. y. h.	
30	37.5	44.	30.275	32.63	SE	2 1/2	48.7	28.	b. y.	
31	38.7	44.	30.158	38.43	SE E	4 1/2	38.1	32.6	o. y.	KS.
mean	37.36	41.67	29.469				44.30	33.06		

1855	Term Observations			Hyg.	Wind		Rain		
March	E	St	Bar:		Dir	Force	Square	Round	
21 st to 6 ^{am}	37.7				ENE				
	37.7	42.	29.259	37.43	NE	46			
7 "	37.7	41.4	,265	35.23	ENE	35			o. v. m. K. KS. Bar: heaving
8 "	38.	41.	,265	35.33	ENE	45			o. v. KS. Do
9 "	38.5	41.1	,253	37.63	ENE	32			o. v. K. KS. Do a little
10 "	39.1	41.6	,249	38.43	NE	46			o. v. K. KS.
11 "	40.	42.6	,233	35.73	NE	34			o. v. S. KS.
12 "	41.2	43.9	,218	40.23	ENE	38			o. v. K. S. KS.
1 Pm	41.3	44.1	,205	36.63	NE	28			b. v. g. KS
2 "	41.5	45.3	,190	41.53	NE	34			b. v. g. K. CK Bar: heaving a little
3 "	41.	45.3	,165	36.83	NE	42			b. v. g. K. CK Do
4 "	40.4	45.	,151	36.53	NE	35			b. v. g. K. S. CK.
5 "	39.5	44.1	,141	40.43	NE	44			b. v. g. K. CK.
6 "	38.6	43.2	,141	36.13	NE	34			b. v. g. K. S. CK.
7 "	38.	42.1	,129	35.43	NE	32			o. v. g. K. S. KS.
8 "	37.6	41.9	,121	34.23	NE	35			o. v. g. K. Bar: heaving slightly.
9 "	37.1	42.4	,111	37.33	NE	39			o. v. g. K.
10 "	36.8	41.	,105	33.53	NE	35			o. v. g. K. KS. Bar: heaving slightly.
11 "	36.1	40.7	,097	36.33	NE	39			b. v. g. KS. S. Do
12 "	35.2	40.2	,093	33.13	NE	34			o. g. g. K. KS. Bar: heaving slightly.
22 nd 4 1 Am	34.6	40.	,081	37.73	NE	41			o. v. g. K. Do
2 "	33.4	39.6	,066	32.33	NE	38			b. v. g. KS. Bar: heaving.
3 "	33.6	39.1	,057	30.33	NE	44			b. v. KS. S. Do
4 "	34.5	39.	,042	33.43	NE	39			b. v. g. K. Do
5 "	34.7	38.6	,037	31.23	NE	28			b. v. g. K. KS. Do
6 "	34.2	38.2	29.041	34.63	NE	29			b. v. g. K. CK Do

1855	9 Am			Hyg.	Wind		Rain		
April	E.	A	Bar.		Dir.	Force	Square	Round	
1	42.9	41.	30.070	42.93	SS E	3	—	—	o. y. Ks.
2	43.	40.3	29.844	43.83	SE	5	—	—	b. y. g. K. CK.
3	41.	40.5	29.618	40.83	SW	2	—	—	o. y. Ks.
4	43.6	41.5	29.600	43.63	SS E	2	0.0693	0.060	o. y. K.
5	50.7	44.1	29.825	44.43	WSW	2 1/2	0.0833	0.032	o. y. K.
6	47.3	47.	29.893	47.33	SSW	2	0.0633	0.026	a. y. K.
7	47.7	45.2	30.033	47.83	SW	3	0.0253	0.023	b. y. S. Ks.
8	44.7	44.6	29.930	44.63	W	7	0.0073	0.027	4. y. g. K. Ks S.
9	51.5	46.3	29.421	46.33	SWbW	5	0.0153	0.187	o. y. g. K.
10	42.5	43.6	29.023	42.53	WSW	8	0.0183	0.234	b. y. g. g. CK.
11	46.5	44.	29.351	46.53	WSW	3	0.1423	0.292	o. y. Ks.
12	45.	44.4	29.295	45.43	W	7	0.0593	0.106	b. y. K.
13	47.5	45.4	29.143	47.53	SS E	3 1/2	0.0723	0.473	o. y. Rain on.
14	46.	42.7	29.696	46.73	SWbS	4	0.3003	0.035	b. w. K.
15	52.2	48.4	29.803	52.23	SW	6	0.3823	0.569	o. y. g. K. Ks.
16	55.5	53.1	30.030	55.53	SWbS	6	0.0403	—	b. y. K.
17	48.	46.1	30.289	48.13	EbN	2	0.0503	0.012	b. y. K dispersed
18	52.6	48.4	30.143	52.63	SSW	3	0.0133	—	b. y. CK.
19	50.4	50.1	29.970	50.43	SWbW	2	0.1503	—	o. y. Ks.
20	48.	47.3	30.151	48.33	NbW	3	—	—	b. y. K. CK
21	47.3	45.3	30.375	47.33	EbS	3	drops	0.001	b. y. K.
22	46.4	46.2	30.345	46.43	SE	4 1/2	—	—	b. y. brilliant, in a blue sky
23	47.	45.	30.383	47.33	NbW	0	—	—	b. y. when it was scarce possible
24	52.1	47.2	30.286	52.13	NbW	2	—	—	b. y. to do more than rushed up into
25	52.2	47.8	30.161	52.23	NbW	1 1/2	—	—	b. h. vapour. The lower some clouds
26	49.	48.	30.100	49.33	W	1 1/2	—	—	b. y. was on arms, but fainter so
27	49.7	50.	30.038	49.73	WSW	3	—	—	b. h. that I suspect it was seen thru that
28	47.6	50.0	30.051	47.63	NbW	2 1/2	—	—	b. h. cloud and was formed far about
29	50.5	52.	30.210	50.53	W	1 1/2	—	—	b. y. at 2 Pm a halo round ☉
30	53.	50.5	30.225	53.33	NbW	2	—	—	b. y. K. CK
				49.2					b. h. CS. K.
									o. y. K.
Mean	48.30	46.25	29.910			Sum	10.7893	2.293	
							11.3463		

1855	9 Pm			Wg.	Wind		Rain			
April	E	A	Bar:		Dir	Force	Squall	Round		
							max T	min T		
1	37.1	43.1	30.000	36.63	SEbE	6	49.9	36.	6. Y	
2	39.1	46.3	29.663	38.23	SEbE	4 $\frac{1}{2}$	46.5	34.	6. Y.	CK. KS. S.
3	40.1	43.7	29.581	39.63	WNW	2	47.6	35.	6. Y.	CK. CS. K.
4	46.2	43.6	29.757	46.23	SWbS	1	48.4	37.5	0. Y.	KS. K.
5	49.3	46.4	29.909	49.53	SWbW	1	55.3	43.7	0. S.	rain. n.
6	48.	49.4	29.943	48.73	WbS	3	60.2	47.6	6. V.	K.
7	43.2	48.1	29.889	43.33	WSW	4	53.6	38.6	0. S.	n. K. Rain
8	45	47.	29.757	44.63	WSW	4	50.	39.3	0. S.	n. K. Rain
9	43.4	47.5	29.165	43.33	SWbW	6 $\frac{1}{2}$	53.4	42.5	0. Y.	H. KS
10	41.	44.5	29.145	40.63	WbN	8 $\frac{1}{2}$	48.0	36.5	0. V. q	Hail during day
11	47.8	48.	29.084	47.43	SWbW	6	51.2	39.9	6. V. q. K	Aurora behind clouds
12	44.	47.6	29.288	43.93	SEbE	3	50.4	40.7	0. Y.	KS.
13	41.	47.1	29.491	40.43	WNW	3 $\frac{1}{2}$	54.5	39.8	6. V.	S. KS.
14	47.	47.	29.662	46.43	SSW	7	53.1	33.6	0. S. q.	light rain ks. n: Bar: heaving.
15	51.4	53.	29.950	51.33	SSW	6	62.	46.3	0. S.	K.
16	44.4	52.3	29.257	44.13	WbN	0	58.5	44.4	6. V.	
17	46.3	52.6	30.230	46.13	SSS	2	57.7	37.	6. V.	
18	49.	55.1	30.039	48.43	SWbS	1 $\frac{3}{4}$	64.6	41.	6. V.	
19	43.	51.8	30.052	42.53	WbS	2	56.2	42.	6. V.	
20	39.4	49.7	30.305	38.73	NbW	2	53.6	38.7	6. V.	
21	40.6	50.4	30.375	40.13	SEbE	4	52.4	35.	6. V.	
22	41.6	50.6	30.365	41.23	SSS	3 $\frac{1}{2}$	53.8	35.5	6. V.	
23	46.3	53.4	30.340	46.13	SEbE	1	60.5	33.5	6. V.	
24	47.4	54.	30.230	46.83	N $\frac{1}{2}$ E	1 $\frac{1}{2}$	64.4	38.	6. V.	
25	45.9	54.6	30.231	45.73	SE	1	63.4	38.4	6. V.	
26	46.	55.1	30.055	45.43	WN $\frac{1}{2}$ S	2	62.	45.9	6. V.	
27	47.6	55.	30.051	47.13	NbE	0	60.6	40.	6. V.	
28	48.5	55.6	30.125	48.13	NbE	1	60.	42.6	6. V.	CK: CS. K
29	47.7	55.	30.247	47.33	NbW	2	60.9	48.2	6. V. C. S. C	
30	46.7	54.	30.193	46.33	N $\frac{1}{2}$ W	2	59	40.	6. V. K. C	
mean	44.80	46.72	29.912				55.37	39.36		

1855	9 ^h AM			Wind	Rain				
May	E	A	Bar	Dir	Force	Square	Round		
1	48,	50,	30.090	48.2	N	6	—	6 ₂ VV.	K, {at Noon, a sudden rush of wind (accompanied by almost of rain & hail) at 5 ^h PM.
2	50,	47.4	30.091	49.7	N ¹ / ₂ E	2	0.007	0.012	C.S. CS.
3	41,	47.1	29.740	40.7	NbW	5	0.015	0.027	K.
4	40,	42.3	29.801	39.7	N	4	0.015	—	K. strongly marked
5	46.5	45,	29.669	46.3	SSW	6	—	—	KS. S.
6	49.5	47,	29.631	49.5	WbS	6	0.018	0.050	K. strongly defined against deep blue
7	49.	47.1	29.405	48.7	SbW	9	0.147	0.303	rain. n. K.
8	46.5	48.5	29.715	46.1	NbW	3	0.015	0.058	K. strongly defined.
9	49.7	47,	29.671	49.7	SWbW	1 ¹ / ₂	—	—	K. S. KS.
10	50.4	49.5	29.260	50.3	SWbS	3	0.246	0.306	K-KS
11	46,	48,	29.374	47.	NbW	3	0.290	0.291	K.
12	46.3	46.1	29.757	46.4	NbW	4	0.355	—	K. scattered & strongly defined
13	42.5	46.7	29.293	42.5	NbE	9	0.553	0.831	KS. n.
14	47.	46.5	29.663	46.6	NbE	3	0.706	—	K. strongly defined against deep blue
15	47.2	45.2	29.530	47.5	NbE	1 ¹ / ₂	—	—	K.
16	50.	45.7	29.665	50.3	NWbN	2	—	—	K. strongly defined: sky deep blue
17	48.4	47,	29.790	48.3	WbN	1 ¹ / ₂	0.011	0.014	8 ^o
18	53.	48.1	29.792	54.	S	5	0.012	—	S. K. KS.
19	52,	50.6	29.566	52.4	SE	7 ¹ / ₂	0.074	0.100	n. rain. Bar. heaving
20	53.3	50.4	29.807	53.7	NbE	4	0.100	—	KS. S.
21	54.5	52,	29.883	54.3	NbW	2	0.031	0.034	S. KS. CS.
22	51.3	52,	29.730	51.5	WbN	2	—	—	K. CK.
23	48.4	52,	29.539	48.2	SEbS	2	—	—	KS. S.
24	50.3	52,	29.291	50.4	SEbE	7	0.221	0.270	much rain
25	54,	53,	29.488	54.3	SEbE	6 ¹ / ₂	0.240	0.269	8 ^o
26	58,	53.5	29.780	57.9	E	2	0.220	0.128	CK. CS. S.
27	61,	56,	29.694	61.2	ESE	6	0.167	—	K. CK. KS.
28	55.4	54,	29.770	55.4	NbE	4	—	—	CS.
29	50.1	53,	29.965	49.8	N	3	—	—	K.
30	49.7	51.	30.096	49.5	N ¹ / ₂ W	2	—	—	K. dispersed
31	47.7	51.1	29.946	47.6	NbE	5 ¹ / ₂	—	—	8 ^o
Mean	49.89	49.09	29.693			Sum	1.980	2.693	
							2.445		

1855	9 th Pm			Hyg ²	Wind		Max:	Min:	
May	F.	A	Bar:		Dir:	Force	T	T	
1	42.1	50.6	30.180	41.13	NbE	3	52,	41.5	b. VV
2	46,	53.4	29.813	38.53	NbW	1 $\frac{3}{4}$	59.2	34,	b. V. KS in NW horizon
3	35.9	45.3	29.766	42.33	N $\frac{1}{2}$ W	2 $\frac{1}{2}$	57.5	35	b. V. K. KS in W & NE horizon
4	37,	46.8	29.833	35.43	NbW	1	45.3	30.6	b. V. S. in NW horizon
5	46.7	49.4	29.584	32.43	NbW	4	55,	36.6	b. V. K.
6	42,	49.5	29.759	46.43	SW	2 $\frac{1}{2}$	54.3	41.6	b. V. K. S.
7	40.5	48,	29.537	45.43	NbN	4	58.8	40,	b. V. K. S.
8	42.5	50.5	29.821	39.53	N. E	1 $\frac{1}{2}$	53.6	37,	b. V. KS. (at 9.15)
9	45.6	49.1	29.293	37.63	EbS	6	57,	37.9	b. m. rain
10	45.5	50.5	29.213	45.33	SWbS	4	54.7	45,	b. V. KS. K. m. rain
11	44.1	50.1	29.635	44.73	NSE	2	51.6	41.4	b. V. K. KS. S.
12	45.1	50.3	29.535	43.83	SEbE	6	55.7	36,	b. V. K.
13	42,	47.7	29.663	43.13	SEbN	1	47.7	39.4	b. V. K.
14	40.5	49,	29.541	41.33	E	1 $\frac{3}{4}$	52,	39.1	b. V. S.
15	42.1	48.9	29.605	37.93	NbN	2	52.9	35.4	b. V. CK. CS. S.
16	42,	49.4	29.743	41.63	NbN	2	53.6	38.3	b. V. KS. at W horizon
17	47,	50.3	29.839	38.73	N	1	58.4	38.4	b. V. S. CS.
18	48.6	50.1	29.645	46.33	SE	7	55.2	41.4	b. V. S. KS.
19	49,	51.5	29.647	47.13	SE	5 $\frac{1}{2}$	57.5	48.4	b. V. K. KS.
20	54.3	56,	29.903	48.33	NNE	2 $\frac{1}{2}$	63,	46.2	b. V. K. KS.
21	50.3	56.3	29.795	47.53	NbW	1	65.3	45,	b. V.
22	45.9	55.5	29.688	50.73	NbW	1	58.5	43.1	b. V. K. CK.
23	48.3	54,	29.385	45.13	ESE	3	67.7	45,	b. V. S. KS.
24	50,	54,	29.443	48.33	EbS	4	58.8	46,	b. V. S. KS.
25	54.7	54.6	29.612	46.53	NbE	2 $\frac{1}{2}$	59.1	49.7	b. V. Light rain. n. KS.
26	60,	57.7	29.723	50.53	N. E	4	68,	49.4	b. V. K. KS.
27	56,	58.1	29.700	50.43	NbE	3+	67.4	55,	b. V. KS. CS.
28	52,	58.4	29.878	50.53	NbE	3	63.5	47,	b. V.
29	46.3	55,	30.034	46.33	NbW	3	56.7	42,	b. V. K. CK.
30	48.5	55.4	30.011	41.23	NbW	2	57.6	40.6	b. V. K.
31	47.4	52.7	29.857	48.23	NbE	5	52.7	40,	b. V. S. KS.
mean	46.39	51.88	29.699	41.83			56.72	41.21	

1855		9 A.M.			Hgt	Wind		Rain			
June		E	A	Bar.		Dir	Force	Square	Round		
Q	1	46.	50.	29.746	45.73	NbE	5	0.2023	0.295	0. V.	HS.
	2	50.	50.4	29.720	45.73	NWbW	1	0.2053		0. V.	K
Q	3	51.	51.	29.547	47.23	SEbS	4	0.3473	0.367	0. V.	K
	4	55.	52.1	29.425	48.53	SE	2	0.4063	0.006	0. V. g.	KS. K
	5	55.	52.	29.361	51.43	SE	8	0.0883	0.046	0. V. g.	rain. K. n.
	6	56.	53.4	29.560	52.23	SE	3	0.0353		6. VV. g.	K.
	7	56.3	54.	29.590	52.93	SSW	3	0.0363	0.224	6. VV. g.	K. CK. CS.
	8	55.4	55.	29.657	52.63	SEbS	4	0.1033		6. VV.	K strongly marked.
	9	55.1	54.2	29.642	52.73	SEW	3	0.2073		6. VV.	K. CK.
Q	10	55.5	54.	30.025	52.33	W ¹ / ₂ S	2+	0.0043	0.105	6. VV.	K. CK.
	11	57.	54.	30.158	52.33	W ¹ / ₂ S	0	0.0193	0.020	6. VV.	W. to N: m to S. K. KS. m at S.
	12	59.4	55.	29.981	52.13	NWbW	2 1/2	0.0213	0.097	6. VV.	K. CK.
	13	58.5	56.4	29.614	52.43	SW	0	0.0323	0.026	6. VV.	K. CK.
	14	55.6	54.6	29.313	53.13	W	2 1/2	0.0363		6. VV.	K.
	15	55.4	55.9	29.000	53.33	NWbW	4			6. V.	K.
	16	57.4	54.6	29.337	53.43	NWbW	2	0.5043	0.575	6. VV.	K. CK. C.
Q	17	57.3	52.6	29.876	53.63	NWbW	3	0.6323	0.061	6. VV.	K.
	18	54.2	53.	29.680	53.73	W ¹ / ₂ S	3	0.0503		6. VV. g.	K. CK.
	19	54.	54.1	29.956	53.33	SWbW	1 1/2	0.1203	0.228	6. V.	K.
	20	57.3	58.5	30.272	53.13	Wb. Y	2	0.2123	0.027	6. V.	rain. K. n.
	21	64.7	58.2	30.295	53.13	W	0	0.0313	0.027	6. V.	rain. K. n.
	22	61.1	58.9	30.215	53.33	W	1	0.0443	0.009	6. V.	KS. n.
	23	57.	58.	30.211	53.53	NWbW	4	0.0153	0.040	6. V.	K.
Q	24	54.7	57.4	30.151	53.53	SWbW	4 1/2	0.0453		6. V. h. K	
	25	59.6	58.5	29.840	53.93	SW	5			6. VV.	K.
	26	63.	59.	30.032	54.83	Wb. S	2 1/2	0.0653	0.080	6. V.	K.
	27	62.4	59.7	30.188	55.03	SSW	3	0.0853	0.017	6. V. g.	K. KS.
	28	65.7	60.3	30.053	55.73	SE	3	0.0193		6. VV.	K. CS.
	29	67.2	63.3	29.853	56.23	SE	4			6. VV.	KS. / CS. CK.
	30	61.	65.	29.660	56.73	SE	4			6. V. h.	S (at 9.40 ^m)
					59.43	SE	4	0.0883	0.087	6. V. h.	S. K.
								0.1023		6. m.	KS.
mean		56.86	55.67	29.799			Sum	1.9253	2.250		
								2.3623			

1855	9 Pm			H ^{gt} H st	Wind		Max T	Min T		
June	E	A	Bar.		Dir	Force				
1	45.8	51.	29.770	45.3	NbW	1	48.5	42.	40. m.	Rain
2	50.2	52.1	29.680	44.53	SWbS	2	54.3	44.7	0. V.	K.
3	53.	53.1	29.440	49.43	SE	4½	55.4	47.9	6. V. 9.	K. CK. KS.
4	50.3	53.1	29.288	52.23	SEW	2	59.8	47.6	6. V.	K. CH. CS. S.
5	53.5	55.3	29.469	52.63	SEbS	5½	63.6	46.4	0. V.	KS. S.
6	51.3	55.	29.521	53.43	SW	1½	61.1	49.8	0. m.	K.
7	52.	56.	29.650	54.73	SE	4	63.	49.8	6. VV.	KS. CS.
8	53.1	55.2	29.626	55.13	SE½S	4	59.5	50.3	0. V.	K. KS. Thunder in Wal 3 Pm.
9	51.8	56.1	29.861	55.13	WSW	2	62.4	50.	6. VV.	K. S.
10	53.	56.3	30.113	55.33	N	0	62.5	48.2	6. VV.	K. CH. KS.
11	53.5	58.6	30.140	55.43	NbE	0	66.8	46.6	6. VV.	KS. in N.
12	54.5	59.7	29.805	55.73	NW	1	70.	47.8	6. VV.	CK. S.
13	50.	57.	29.465	52.23	NNW	0	61.5	49.	6. VV.	S in E
14	53.	56.4	29.120	49.23	SWbS	1¾	61.7	46.4	0. m.	K. N. light rain.
15	51.	57.5	29.057	52.83	NWbW	1	61.5	53.5	6. V.	K. CK.
16	48.2	54.5	29.578	51.83	NNW	2	58.	48.4	6. V.	CS. S.
17	48.1	55.	29.987	49.83	NWbN	1	56.4	46.4	0. V	KS. S.
18	52.2	55.1	29.860	47.83	NbE	0	59.6	46.5	0. V.	K
19	56.	55.7	30.161	52.23	NbW	1	62.	57.4	6. V.	K. CK. C.
20	60.1	57.	30.304	55.73	W	0	63	54.	0. V.	K.
21	58.8	60.4	30.260	56.63	NbE	1¾	68.6	57.1	0. V.	KS. S
22	58.1	58.8	30.242	57.63	NNW	3	69.7	55.7	6. VV.	K
23	54.4	61.	30.263	58.13	WSW	3½	64.	50.8	6. VV.	K. KS.
24	55.3	59.4	30.037	53.43	WSW	4	63.9	52.	0. VV.	K. KS.
25	58.5	59.6	29.895	52.33	WbS	3	63.5	55.	0. V.	K.
26	60.4	61.4	30.147	58.73	SW	2	68.5	56.5	0. V.	K.
27	59.4	62.2	30.143	60.53	SEbS	4	70.5	55.6	0. VV.	CK. C. S.
28	63.6	65.6	29.962	59.93	SEbS	3	72.8	54.9	6. V.	CK. C.
29	64.	66.4	29.729	64.43	EbN	3	73.5	64.3	6. V.	CS. K. S.
30	60.	65	29.722	60.53	SW	2	70.1	59.7	6. V.	Rain. K. N. KS.
mean	54.44	57.76	29.801				62.80	50.54		

1855	Term Observations			Mgt.	Wind		Rain			
June	E	A	Bar		Dir	Force	Square	Round.		
21 st 4 6 Am	59.	56.4	30.309	59.8 }	WbS	200	0.040 }	0.040	o. v.	K. Ks. S
7 "	60.1	57.1	30.303	58.1 }	WbS	260	0.045 }		o. v.	Ks.
8 "	61.6	57.4	30.302	59.6 }	W	204			o. v.	Ks. K
9 "	64.7	58.2	30.295	62.4 }	W	80			o. v.	K.
10 "	66.2	60.2	30.293	65.5 }	W	80			o. v.	K
11 "	66.3	61.	30.289	67.1 }	NWbW	80			o. v.	K. Ks.
Noon	66.1	61.6	30.282	63.3 }	NWbW	1000			o. v.	K.
1 Pm	67.4	61.7	30.283	66.6 }	NWbW	402			o. v.	K.
2 "	64.8	61.5	30.280	62.8 }	NW	80			o. v. d.	K. Ks. n.
3 "	64.1	61.4	30.275	63.5 }	NW	284			o. v.	K. Ks
4 "	65.	61.4	30.266	65.1 }	WbW	80			o. v.	Ks.
5 "	65.	61.3	30.266	62.2 }	WbW	352			o. v.	Ks
6 "	63.8	61.5	30.265	62.3 }	W	192			o. v.	Ks. K.
7 "	61.7	61.4	30.260	63.4 }	W	168			o. v.	Ks. K
8 "	60.6	61.	30.257	61.3 }	NbE	174			b. v.	Ks. K. S
9 "	58.8	60.4	30.260	60.1 }	NbE	163			o. v.	S. Ks.
10 "	57.	60.3	30.253	59.4 }	NbE	169			o. m.	Ks.
11 "	56.3	60.1	30.245	57.7 }	NbE	208			o. m.	Ks.
12 "	56.	60.	30.230	56.4 }	NbE	169			fog.	
22 nd 9 1 Am	55.9	59.7	30.225	56.2 }	NbE	464			fog.	
2 "	56.	59.4	30.220	56.7 }	NbE	80			fog. d.	
3 "	55.8	59.0	30.223	53.6 }	NWbW	372			o. m.	Ks
4 "	55.8	59.1	30.222	53.8 }	NWbW	80			o. m.	Ks
5 "	55.8	58.8	30.219	53.4 }	NWbW	368			o. m.	Ks partial fog N. & NE
6 "	56.1	59.1	30.223	53.7 }	NWbW	172			o. m.	Ks p. fog SW S

1855	9 th AM				Wind		Rain		
July	E	A	Bar.	Hyg?	Dir	Force	Square	Round	
① 1	60.2	62.1	29.840	60.5}	SWbW	4 1/2	0.1923	0.212	b. VV. H. CH.
2	61.4	61.1	30.034	62.6}	WbS	3	0.215		0. VV. H. KS.
3	62.5	61.2	30.045	61.5}	SWbW	2			0. Y. H. KS. (at 9 th 20)
4	63.3	63.	30.071	60.5}	NbW	1	0.0087	0.010	0. Y. H. (at 9.30)
5	65.1	63.2	29.971	64.}	NNE	2	0.011		b. Y. K.
6	65.6	63.2	29.888	61.7}	ESE	2			b. R. KS. CS.S.
7	66.1	64.	29.919	61.7}	S 1/2 E	3			b. V. H. C. CS
② 8	64.2	64.6	29.847	62.7}	E	2			0. R. KS. CS.
9	63.6	64.5	29.655	62.1}	EbN	2 1/2			0. Y. H. KS.
10	60.5	64.5	29.473	63.6}	NSEbN	3	0.0053	0.006	0. m. KS.
11	60.5	62.1	29.589	60.2}	NW	0	0.027	0.028	0. m. KS.
12	66.2	65.2	29.708	58.8}	N	1	0.030		0. Y m. K
13	65.2	64.8	29.757	62.3}	SbW	3			0. V. KS.
14	63.7	64.4	29.618	61.7}	S 1/2 W	1 3/4	0.0823	0.073	b. VV. H. CH.
③ 15	63.	62.2	29.681	63.7}	SW	4	0.077	0.335	b. VV. K.
16	60.	62.2	29.473	63.5}	W	3	0.398	0.007	0. VV. K.
17	59.5	59.8	29.534	58.3}	NbW	1 1/2	0.431	0.325	0. VV. H. K.
18	60.5	58.7	29.600	60.6}	WSW	2	0.005		0. VV. K.
19	56.	60.2	29.363	58.6}	NbW	2	0.182	0.170	0. Y. light rain. H. H.
20	59.4	58.9	29.712	58.3}	W	2	0.194	0.018	b. VV. H.
21	63.	60.8	29.840	59.5}	S	5	0.032	0.018	0. Y. 9. K. KS.
④ 22	70.3	64.4	29.966	63.6}	SSW	3	0.030	0.018	0. V. K. KS.
23	70.	65.7	29.842	60.6}	SSW	1.	0.012		0. Y. K. KS.
24	62.4	64.1	29.471	71.4}	SWbS	2	0.411	0.392	0. Y. light rain. H. H.
25	63.5	63.2	29.576	66.4}	N	2 1/2	0.448	0.082	b. h. K.
26	60.	63.4	29.611	61.}	N	2	0.180	0.228	0. m. K.
27	62.5	63.1	29.533	59.8}	SSW	3	0.282	0.418	b. Y. H. CH. C.
28	60.9	62.4	29.730	62.7}	SWbW	1	0.270	0.008	b. Y. H. CH. C.
⑤ 29	63.	63.	29.821	61.3}	WSW	1	0.431		0. Y. K.
30	64.	62.5	29.671	59.9}	W	2	0.014	0.008	b. V. K. C. CS. CH.
31	61.	63.4	29.577	63.1}	E	3	0.005	0.058	0. m. rain H. Ber heaving
				59.2}	WbS		0.008		
							0.009		
							0.058		
							0.070		
mean	62.81	62.77	29.734			sum	2.6753	2.396	
							2.812		

1855	9 th PM			Aug.	Wind		Map	Min.		
July	E	A	Bar.		Dir.	Force	T	T		
1	59.0	64.1	29.983	59.1	SW	2	68.8	60.1	b ₅ .VV.	K. CK. KS.
2	55.	62.	30.096	59.9	WbS	2	65.	52.6	b ₇ .VV.	S. CS. CK.
3	61.3	63.5	30.076	60.2	WbW	2	68.5	55.	o. m.	light rain m.
4	64.	65.	30.040	60.3	S	1+	71.6	60.	b ₂ .V.	K. CK.
5	61.8	66.1	29.900	62.3	SEbS	2+	73.	57.6	b ₃ .Y.	C. CS. S.
6	63.	67.	29.903	63.2	SE	3	73.6	55.4	b ₁ .h.	CK. K. KS.
7	62.	67.	29.870	62.3	SbE	2	74.	60.	b ₆ .Y.	CK. K. S
8	61.1	67.5	29.750	61.4	NE	2	71.	57.5	b ₈ .Y.h.	CS.
9	63.1	67.1	29.550	63.6	NbW	2	72.	57.	b ₂ .V.h.	CS. KS. C.
10	59.	65.	29.542	58.5	NbE	0	64.5	58.5	b ₂ .V.m.	CS. S
11	65.5	67.	29.644	66.	NbW	1½	75.5	53.4	b ₂ .V.	K.
12	63.1	67.	29.750	63.1	WbW	1	72.6	61.4	o. Y.	K. KS. {Thunder & lightning in W. at 7½ PM, in N.W. at 9 P.M.
13	61.4	55.7	29.701	61.5	SbE	4	72.	57.9	b ₂ .VV.	K. CK. {Thunder at 1½ PM in N.W. at 9 P.M.
14	59.	55.2	29.654	59.	WbS	2	71.	59.	o. VV.	K. Heavy showers during the day.
15	60.7	66.2	29.763	60.9	NbW	0	71.3	53.8	b ₁ .VV.	K. CK.
16	57.	62.	29.430	49.1	NW	1½	62.6	50.9	b ₁ .VV.	K round horizon. heavy showers during the day.
17	55.2	62.1	29.621	52.2	W	1½	64.8	50.	b ₃ .VV.	S. CS. KS.
18	56.1	61.6	29.482	56.1	WbN	1+	66.5	50.6	o. m.	rain. n.
19	54.2	59.	29.514	54.4	WbN	1½	64.6	53.4	b ₈ .VV.	K. KS.
20	57.7	63.	29.804	56.9	SW	1	72.9	51.6	b ₈ .V.	C. CS.
21	65.4	65.4	29.920	66.1	SSW	3	74.2	54.8	b ₁ .Y.	K. KS.
22	67.8	67.	29.982	68.5	SW	2	75.3	63.8	b ₁ .V.	KS.
23	61.5	64.4	29.529	61.4	S	2	74.4	62.5	o. 33.	very heavy rain. (At 12.15 ^h m)
24	60.1	64.3	29.523	60.3	SSW	0	68.4	60.5	o. Y.	rain. n.
25	60.4	66.8	29.618	60.2	N½W	2	70.4	59.1	b ₁ .Y.	CK. C. a very heavy shower at 5 PM
26	59.1	62.4	29.540	59.1	SS E	0	67.1	56.6	b ₁ .V.	K. CK.
27	59.	65	29.618	59.3	WbS	1	71.1	58.6	b ₁ .Y.	C. K. CS. CK.
28	59.5	66.3	29.803	59.4	N	1	71.6	57.3	b ₄ .V.	K. CK.
29	59.2	64.6	29.780	59.4	WbN	0	67.4	55.6	o. V.	K. C. CK.
30	60.	65.1	29.581	60.2	SEbE	2½	69.5	57.	o. m.	rain n.
31	59.4	64.1	29.587	59.1	WbS	1	68.	58.3	b ₅ .V.	K. CK.
mean	60.47	64.15	29.728				69.77	56.38		

1855	9 Am			Hyg	Wind		Rain		
August	E	A	Bar:		Dir	Force	Square	Round	
1	62.1	61.	29.496	62.1	Eb S	5	0.071	0.070	b. y. s. c. cs. ks.
2	63.5	61.6	29.332	63.5	S	6	0.100	0.070	b. y. s. c. cs. ks.
3	59.9	60.	29.241	60.1	S	5	0.043	0.060	b. v. q. c. ck. k. (at 9.10)
4	60.4	60.4	29.459	60.2	SW	3	0.124	0.210	b. v. q. ck. k.
5	55.1	58.	29.875	55.3	N	2	0.304	0.361	o. yr. k.
6	52.	57.1	29.683	53.9	SE	2	0.023	0.067	b. v. k. c.
7	61.2	60.3	29.539	61.2	SW	1	0.135	0.145	o. m. much rain. n.
8	60.	60.2	29.557	60.2	W	2	0.146	0.380	o. m. rain n. k. ks.
9	58.1	58.5	29.710	59.1	SWbS	1 1/2	0.411	0.149	o. y. k.
10	61.	61.1	29.818	58.6	S	3	0.172	0.118	b. v. c. k. cs.
11	65.9	63.2	30.040	59.6	SW	4	0.182	0.118	o. v. ks. n. rain commencing.
12	60.9	61	30.159	61.4	WbN	3	0.105	0.008	o. vv. k. ks
13	60.2	60.2	30.164	61.2	W	1	0.013	trace	b. v. r. k
14	64.0	63	30.144	60.6	W	3	---	---	o. v. ks. k
15	61.2	62.3	30.181	64.1	WSW	3	---	---	b. v. ks
16	61.5	63.	30.244	59.7	WNW	2	---	---	b. v. k
17	63.	61.5	30.144	61.2	NbW	0	---	---	b. v. k
18	66.2	64.1	29.848	63.2	SbW	2	---	---	b. v. k
19	61.5	64.2	29.468	61.2	SWbW	4	---	0.001	9 b. v. h. cs. k
20	59.2	60.3	29.539	62.5	SWbS	2	0.017	0.022	b. v. q. k. cs
21	59.9	60.	29.520	59.5	WSW	6	0.017	0.103	b. v. ks. ck
22	57.8	59.6	29.787	59.2	SWbW	3	0.123	0.024	b. v. q. ks. k
23	55.9	59.0	29.720	57.7	NE	2	0.023	0.018	b. v. ks. cs
24	62.2	61.0	29.300	54.9	SE	5	0.015	0.007	o m ks. cs d
25	57.8	58	29.500	53.7	SE	5	0.007	0.007	b. r ks. n. q
26	57.3	57	29.756	61.8	SWbS	4	0.222	0.225	b. v. ks. k
27	63.2	61	29.407	59.9	SWbW	5	0.248	0.142	b. v. ks. k at 9.29
28	59.8	58.9	29.400	56.5	SSW	4	0.079	0.008	b. v. q. k. ks. cs
29	58	58	29.858	52.7	SSW	5	0.005	0.008	o. v. q. ks. d
30	60.5	56.8	30.072	62.7	WbS	1	0.004	0.900	b. v. k
31	57.9	58.	29.977	60.3	SbE	4	0.680	0.063	b. v. k
mean	60.20	60.27	29.740	58.1	S	4	0.035	0.114	v. S no blue visible but bright twilight
				58.6			---	---	brightness in zenith
							2.647	3.195	
							3.294		

1855	9 PM			Hyg.	Wind		max	min	
August	E	A	Bar.		Dir.	Force	T	T	
1	58.2	62.	29.334	58.2	SS E	5	65.	57.	Bar. heaving.
2	57.5	61.7	29.260	57.5	S	5	67.5	57.5	CS. C. CK (at 9 ^h 15 ^m)
3	58.	61.5	29.235	57.2	WbS	3	64.2	55.	S. CS. C. (Bar. heaving)
4	53.6	60.7	29.709	53.7	WbW	1½	63.3	54.1	O. Y. n. K. S. frequent showers.
5	53.1	61.3	29.812	52.2	SbE	2½	62.	50.6	b. Y. K: C. CK. (heavy showers during the day)
6	60.4	61.3	29.562	59.4	S	6	65.5	51.5	b. Y. CS. C. CK.
7	58.8	62.	29.560	58.8	W	1	67.3	57.8	O. Y. rain. n. K. Ks.
8	53.6	60.4	29.707	53.4	WbS	1½	63.5	54.	b. Y. K. CK. S.
9	60.	62.3	29.760	60.1	SbE	2	67.6	50.8	b. Y. K. HS. S.
10	64.9	63.1	30.000	64.4	SbW	1½	70.	58.1	O. Y. KS.
11	57.5	61.6	30.141	57.2	WbS	2	72.5	57.5	b. Y. CS
12	57	62	30.179	56.3	W	1	67.5	55.6	b. Y. CS. KS
13	61.8	64.2	30.116	61.9	SWbW	4	70	52	O. Y. KS
14	61.5	64.5	30.181	61.8	W½N	1	70.5	59	O. Y. KS
15	58.	65.	30.214	58.8	WbS	1	71.5	57.5	b. Y. It in North West
16	59.	66	30.226	58.2	N½bW	0	71.6	57.5	b. Y. It in North West
17	63.8	67	30.013	63.8	SbE	2	75.6	52.5	12. S.
18	63.8	66.5	29.584	63.2	S	2½	72	56	O. Y. KS lightning during the night
19	55.1	64.	29.511	54.9	W½S	2	66	55.2	b. Y. K
20	56.5	62.6	29.428	56.2	SW	4	65	51.5	b. Y. q. KS. CS. — D.
21	55.5	62.5	29.687	55.2	W½S	2	66	53	b. Y. KS. CS
22	54.2	62.3	29.839	53.9	WbS	0	64.3	51.5	b. m C. CS. KS
23	57.7	59.1	29.508	57.4	E	3	58.6	51.4	O d. dr. q air over thick
24	55.5	61.5	29.453	55.8	SSW	7	65.6	48.0	b. Y. KS. N
25	53.5	60	29.655	53.0	SW	2	62.2	51	b. Y. CS. KS
26	54.5	59	29.635	54.2	S. b. E	5	63.8	50	O. Y. N
27	58.6	61	29.410	58.2	S	1	67.2	54	O. Y. KS
28	54.5	61.5	29.583	53.8	SWbW	2	65.7	54.5	b. Y.
29	53.5	62	29.798	52.8	WbS	1	64.0	51.0	b. Y. C. CS. S
30	57.7	61	30.308	57.6	SbE	4	65.0	47.5	b. Y. C. CS. S
31	52.5	58.5	30.295	52.1	NW	2	60.9	46.	b. Y. S
mean	57.42	62.20	29.765				66.19	53.06	

9 AM

1855		9 AM		Wind			Rain		
September	E	A	Bar.	Hygr.	Dir.	Force.	Squ.	R.	
1	60.2	57.5	30.400	60.6 } 56.0 }	NNW	- 2	0.013 } 0.016 }	0.027	6. v. KS. K
2	58	55.1	30.409	56.5 } 54.5 }	NW	1	—	—	6. CK. V. K (9 ^h . 25 ^m)
3	55.5	56	30.203	56.2 } 54.2 }	NNE	2	—	0.004	6. v. K R probably dew
4	58.5	58.5	30.050	56.8 } 53.8 }	N. E	1	—	0.001 dew	6. v. K
5	53.9	58.5	30.061	53.5 } 51.5 }	NNE	2	—	—	6. v. K
6	50.8	52.5	30.289	50.4 } 48.4 }	N	0	—	—	0. v. g. KS. N in North East
7	54.2	52.2	30.287	53.9 } 48.4 }	SSW	5	—	—	6. v. K - a trace of S
8	56.9	55.8	30.115	55.2 } 53.2 }	SW & S	4	0.033 } 0.053 }	0.044	6. v. GS. S
9	57.	56.	30.050	57.4 } 55.4 }	SW	2	0.052 } 0.078 }	0.098	0. R. g. q. KS
10	57.	57.2	30.020	57.4 } 56.4 }	W & S	0	0.015 } 0.016 }	0.017	0. Y. K. KS.
11	59.	56.8	29.946	59.4 } 57.5 }	SW	4	0.008 } 0.010 }	0.010	0 - VV. K.
12	56.2	57.3	29.961	56.2 } 53.4 }	SSW	3	—	—	6. Y. K.
13	57.	57.	29.946	56.7 } 56.2 }	N. E. K	3	0.380 } 0.465 }	0.350	0. Y. K. KS.
14	54.0	56.5	29.907	54.2 } 52.4 }	E S E	1	0.001 } 0.001 }	0.002	0. V. d. KS.
15	58.	56.5	29.860	58.7 } 56.7 }	SSW	1 1/2	—	—	0. Y. K. KS.
16	57.6	57.4	29.841	58.1 } 54.1 }	W	1 +	0.028 } 0.038 }	0.042	6. Y. K. CK. S.
17	53.	55.1	29.857	52.6 } 51.4 }	SSW	1	0.037 } 0.040 }	0.035	0. V. m. KS.
18	54.	54.3	29.810	53.9 } 50.6 }	SW	3	—	—	6. Y. S.
19	55.5	55.5	29.750	53.7 } 53.7 }	S E & E	3	—	—	0. Y. K.
20	59.	58.1	29.858	59.1 } 56.4 }	SW & S	3	0.016 } 0.027 }	0.026	6. YV. K. CK.
21	60.	59.6	29.045	60.4 } 57.2 }	SSW	3 1/2	—	—	6. VV. K.
22	60.	60.6	30.190	59.4 } 57.9 }	W & W	2	—	—	0. m. KS. (at 9 ^h . 20 ^m)
23	60.1	60.	30.246	60.4 } 59.4 }	N	2	—	—	6. Y. K.
24	55.3	58.	30.395	55.3 } 52.4 }	E. N. E	3 1/2	—	—	0. V. m. KS.
25	57.	57.4	30.280	57.3 } 54.7 }	S S E	2	—	—	0. V. h. KS. (at 9 ^h . 10 ^m)
26	54.9	55.1	30.020	54.7 } 51.7 }	S & W	2	—	—	0. V. KS.
27	54.	56.4	29.744	54.1 } 53.1 }	E & S	1	0.084 } 0.087 }	0.084	0. m. KS.
28	57.4	54.3	29.183	57.4 } 50.1 }	SW & S	1	0.226 } 0.290 }	0.340	0. Y. K. KS. m. light rain
29	44.5	49.4	29.400	44.3 } 43.7 }	N	1 1/2	0.041 } 0.041 }	0.040	fog.
30	58.1	54.1	29.400	58.2 } 57.5 }	E	3	0.260 } 0.268 }	0.290	0. m. K. KS.
mean	55.87	56.12	29.984				sum 1.2237	1.410	
							1.4505		

1855	9 Pm			Wind			Max	Min	
Leht	E	A	Bar	Hg	Dir	Force	T	I	
1	50.5	58.9	30.482	50.6	N6W	1	64.	49.5	6 ₁₀ . v.
2	51.	59.5	30.310	50.5	N	1	62.2	46.	6 ₁₀ . v
3	51.2	61.	30.107	50.9	N $\frac{1}{2}$ E	1	64.	46.2	6 ₁₀ . v. S in South East
4	53.3	59.	30.020	51.5	N6W	1	61.8	48.	6 ₁₀ . v. g. K
5	48.	57.	30.179	47.6	N	0	57.5	48.	o. g.
6	49.	55.6	30.333	45.7	S	3	58.	41.	6 ₁₀ . v. g. KS
7	54.	56.	30.193	50.9	SW	4	60.	42.5	o. g.
8	53.6	53.5	30.063	53.7	WSW	2 $\frac{1}{2}$	61.	52.4	o. g. K.S.
9	58.7	58.	30.035	58.7	SW	1	64.1	52.5	o. g. m. K. K.S.
10	55.	58.5	29.965	55.2	SWbW	1 $\frac{1}{2}$	62.8	55.3	6 ₁₀ . v.
11	53.6	54.5	30.046	53.5	SWbW	2	64.5	52.	6 ₁₀ . v. Aurora in N.W
12	56.	58.	29.884	56.7	WbN	2	60.5	53.	6 ₁₀ . v. Hg = 55.7
13	54.	58.	29.964	53.7	NbE	0	61.1	53.4	o. g. K.
14	54.	57.5	29.888	52.5	SE	0	59.8	53.	o. g. K.
15	56.	58.	29.803	56.1	SWbS	1	63.	54.	o. g. K.
16	52.8	57.7	29.909	52.6	SW	1 $\frac{1}{2}$	61.1	52.8	o. v. S.K.S.
17	54.8	58.5	29.841	52.6	W	0	61.6	51.5	o. m. K.
18	52.5	57.7	29.805	52.4	SSW	2 $\frac{1}{2}$	61.	47.3	6 ₁₀ . v. K.
19	58.1	58.	29.700	58.1	S	5+	62.	50.5	o. g. n. K. Ber: heaving
20	58.	61.4	29.954	57.7	SSW	2 $\frac{1}{2}$	66.4	56.5	6 ₁₀ . v. K. CK. CS.
21	62.7	61.6	30.130	63.2	SWbS	3	66.9	57.1	o. v. K. K.S.
22	58.4	61.	30.207	58.5	WbN	0	63.6	57.1	o. v. K.
23	54.9	60.	30.334	54.7	NbN	2	62.7	54.5	o. v. K.
24	53.	58.8	30.365	52.5	ENE	1 $\frac{1}{2}$	60.6	51.7	6 ₁₀ . v. CS.
25	52.	56.9	30.123	51.7	SE	3	61.4	51.7	6 ₁₀ . v. CK. S.
26	52.5	56.8	29.969	52.1	N $\frac{1}{2}$ E	0	59.6	49.6	o. v. m. K.S.
27	52.2	55.	29.388	52.3	S $\frac{1}{2}$ W	4	59.4	50.4	o. v. g. K. CK.
28	46.2	54.	29.208	45.8	SW	2	56.4	46.6	6 ₁₀ . v. C. CK. CS.
29	48.7	54.5	29.560	48.2	NbE	2	56.	38.6	6 ₁₀ . v. K. CK. S. a halo round D
30	58.9	55.4	29.316	57.2	E	1 $\frac{1}{2}$	62.	48.7	6 ₁₀ . v. K. n.
mean	53.79	57.68	29.969				61.20	50.06	

1855	Term observations			Wind			Rain			
Sept	E	A	Bar:	Hygr	Dir	Force	Square	Round		
21 st 6 Am	57.	59.	29.996	52.13	SWbS	130	—	—	b. vv.	K. CK.
9 Am	60	59.6	30.045	55.43	SSW	72	—	—	b. vv.	K
Noon	63.3	61.5	30.067	57.23	SW	39	—	—	o. vv.	KS.
3 Pm	65.1	64.2	30.077	63.13	SWbS	71	—	—	o. v.	KS. K.
6 Pm	63.1	63.5	30.113	60.83	SWbS	—	—	—	o. v.	KS. K.
9 Pm	62.7	61.6	30.130	65.23	SWbS	92	—	—	o. v.	K: KS.
22 nd 0 Am	62.	61.6	30.142	62.43	SSW	260	—	—	o. v.	K.
3 Am	60.1	61.4	30.153	61.43	SSW	126	—	—	o. g.	S.
6 Am	57.	60.5	30.172	60.63	SWbS	135	—	—	b. v.	KS.
				58.73					o. m.m.	
				56.53						

1855		9 Am		Wind		Rain			
October	E	A	Bar.	Hg.	Dir	Force	Square	Round	
1	57.6	57.	29.301	57.6	NNE	4	0.025	0.024	0. m. HS.
2	54.	54.6	29.574	57.3	WNW	2	0.028	0.002	0. mm. HS.
3	54.	55.	29.400	53.5	E	3	0.001	0.002	0. m. rain. n.
4	54	55.1	29.065	53.8	SW	1	0.148	0.150	0. Y. K.HS.
5	48.5	52.	28.842	53.3	SWbS	9	0.166	0.175	0. Y. K.
6	51.2	50.4	28.900	53.4	SE	2	0.180	0.009	6. V. CK. C.
7	50.4	52.3	28.961	48.4	WNW	0	0.017	0.098	6. Y. CH. S. K.
8	51.5	52.3	29.291	44.9	WNW	1	0.110	0.008	0. Y. K.HS.
9	52.3	52.1	29.470	50.3	WNW	2	0.003	0.010	0. Y. K.
10	48.	51.	29.673	52.8	WNW	3	0.004	0.001	0. Y. S.
11	50.2	53.	29.380	51.2	SW	3	0.005	0.200	0. m. rain. n.
12	50.	51.2	29.365	47.7	SWbW	4+	0.010	0.378	6. V. K. CH.
13	46.4	48.1	29.353	44.1	SW	6	0.126	0.116	6. V. g. CH.
14	43.	46.1	29.287	44.3	SWbS	3	0.141	0.019	6. V. fog.
15	39.3	46.	29.219	42.6	SWbW	3	0.012	0.012	6. V. K. C. CH. CS.
16	43.	45.6	29.462	41.3	SWbS	4	0.020	0.004	6. Y. CH. CS. C. hoar frost on grass.
17	38.5	42.1	29.726	41.6	SWbW	3	0.008	0.020	0. V. H. HS. S.
18	50.7	49.	29.632	41.5	SW	6	0.009	0.010	0. V. m. rain. K. HS. n.
19	53.	49.5	29.765	42.4	SWbS	6+	0.012	0.316	0. V. g. K. HS.
20	54.	52.	29.772	42.6	WbS	3	0.248	0.074	6. V. K. CH. S.
21	55.1	54.	29.767	48.5	SSW	2	0.005	0.035	0. Y. K. HS.
22	51.1	51.7	29.963	49.3	WNW	3	0.087	0.166	0. V. m. rain. n. HS.
23	50.3	54.3	29.520	47.1	SW	5	0.131	0.203	6. V. g. K. CH.
24	43.	47.	29.630	48.7	SSW	7	0.145	0.230	0. m. g. rain. n. Bar. heaving
25	49.1	49.	29.280	42.8	SW	6	0.185	0.940	0. V. KS. K. S. do
26	43.4	48.	28.720	42.2	NbE	3+	0.125	0.063	0. V. HS.
27	41.3	44.4	29.311	41.1	WbS	1	0.194	0.063	6. m.
28	35.1	40.6	29.606	41.3	SSW	2	0.532	0.188	6. h. K. CS
29	44.7	45.5	29.270	41.3	NNE	9	0.708	0.083	0. V. K. HS. S.
30	45.	45.8	29.550	41.3	N	14	0.069	0.083	6. V. K.
31	43.	43.7	29.647	42.6			0.071		
Mean	48.25	49.43	29.405				Sum 3.500	3.399	
							3.217		

1855	9 Pm				Wind		Map	Min		
October	E	A	Bar.	Hg.	Dir.	Force	T	T		
1	55.1	56.	29.389	55.37	E NE	1	60.	55.1	o. m.	KS. (at 9.20 ^m)
2	55.6	57.1	29.528	55.27	SE	3	62.5	50.1	o. v.	K.
3	55.	56.	29.230	55.23	E	0	57.4	51.6	o. g.	K.
4	52.	54.	28.915	54.67	SW 2 S	1 1/4	59.6	52.1	b. v.	KS. S. (at 9.48 ^m)
5	48.	52.	28.821	47.37	SE	5	54.7	47.3	b. w. g.	KS. (at 9.30 ^m)
6	48.	54.5	28.924	47.67	SW	4	57.	46.	b. v.	K.
7	49.	54.5	29.117	45.97	SE	2	59.	46.3	b. v.	
8	47.8	51.	29.420	47.57	N	0	58.	44.5	b. h. Sin SE	
9	47.3	52.7	29.566	47.67	NW 6 W	3	53.5	45.5	o. v.	K. KS.
10	51.2	54.9	29.524	47.47	SW 6 W	6	54.3	45.0	o. g.	K.
11	49	52.7	29.382	47.97	W	3	55.2	48.	b. v.	KS. S.
12	45.2	51.5	29.385	47.87	SW 6 W	3	53.1	44.2	b. v.	KS
13	42.4	50.2	29.341	41.77	SW 6 S	2	52.	41.9	b. v.	
14	44.4	50.6	29.226	40.27	SW	2	51.1	37.9	b. v.	KS. S.
15	40.4	48.2	29.458	41.47	SW 6 W	3 1/2	49.	36.	b. v.	CK. C.
16	37.3	47.5	29.640	36.67	N	1	50.6	37.3	b. v.	low aurora arch (at 9.35 ^m)
17	46.6	47.6	29.668	46.67	SW	3	49.	32.2	b. v.	KS.
18	48.	49.5	29.780	46.67	SW	3	56.5	46.	o. v.	KS. (at 9.50 ^m)
19	49.	50.8	29.896	47.17	SW	2	57.7	46.	o. v.	(at 10.8 ^m)
20	55.7	53.2	29.761	56.17	SW 6 S	3	57.5	48.4	o. v. g.	KS. S. K.
21	49.	53.3	29.960	48.47	WSW	3	58.4	49.	b. v.	C. CS. KS.
22	56.5	55.	29.673	56.57	SW 6 S	5 1/2	57.6	48.5	o. m. rain	n. (at 10.3 ^m)
23	42.5	49.4	29.486	42.77	SW	5	57.7	42.4	b. v. g.	K. at SW horizon
24	41.5	47.5	29.765	40.77	SW 6 S	4	48.2	38.5	b. v.	C. CS. K. CK.
25	50.	51.6	28.838	49.27	SW	3	55.	41.	o. v.	rain n. KS.
26	40.5	47.3	29.002	39.27	NW 6 W	1 1/2	50.6	40.7	b. v.	S. CS.
27	35.1	43.6	29.625	33.67	NW 6 N	1 +	45.	35.4	b. m.	
28	41.4	41.	29.500	41.27	SE	5 1/2	44.9	31.	o. v.	C. KS. CS.
29	43.6	46	29.350	43.67	NE	1	48.	39.	o. v.	C. KS
30	44.	45.8	29.570	44.57	N	4	46.7	41.3	o. v. g.	K.
31	39.	45.	29.785	39.27	NNW	2	47.2	38.	b. v.	K in horizon
mean	46.81	50.74	29.436				53.48	43.18		

1855		9 th M		Hyg ²	Wind		Rain			
Nov.		F.	A		Bar.	Dir.	Force	Square		Round
4	1	41.	44.1	29.771	38.77	N.W.W	1	—	—	b ₉ Y. K. CK.
	2	38.	42.	29.775	36.77	WSW	1	—	—	b ₁₀ m.m.
	3	37.4	42.1	29.894	36.97	N.W.W	0	—	—	b ₈ m. CK. S.
⊙	4	35.7	40.4	30.000	34.57	WSW	2	0.003	0.002	b ₁₀ m.m.
	5	45.4	44.3	29.792	45.33	SBW	6	0.012	—	0. m. g. K. Bar. heaving
	6	42.3	42.	29.744	44.43	SB E	4	0.022	0.060	0. V. K.
	7	40.2	43.5	29.380	39.23	SBW	1	0.230	0.390	0. V. m. K.S.
	8	39.	42.1	29.144	38.63	SWbS	4	0.028	0.039	b ₉ V. m. C. CK
	9	37.	39.7	29.440	36.63	SBW	2½	0.042	—	b ₉ m. C. S.
	10	45.	44.4	29.485	35.43	SWbS	3½	0.012	0.008	b ₉ V. m. K. K.S. C.S.
⊙	11	52.	48.	29.752	52.13	SBW	5	0.084	0.091	b ₉ V. g. K. C.S. C
	12	51.5	50.	29.847	51.33	S	6	0.049	0.103	0. V. g. K. (at 9 ^h 10 ^m)
	13	49.1	48.7	29.800	49.23	SEbS	3½	—	—	0. V. K.S.
	14	44.3	47.5	29.812	44.73	EbS	2	—	—	0. V. m. K.
	15	46.9	45.4	29.824	46.73	SE	4½	—	—	0. m. K.S. n. rain { Hyg = 45.4
	16	47.5	47.	30.008	47.33	SEbS	3	0.015	0.016	0. m. K.S.
	17	45.	46.	30.132	45.33	SE	2½	—	—	0. m. K.S. S
⊙	18	44.	45.1	30.116	44.43	NE	2	—	—	0. V. K.S. S.
	19	45.5	45.9	30.072	45.33	NEbN	2	—	—	0. V. m. K.S. K.
	20	43.3	45.	29.950	43.33	NEbN	3+	—	—	0. V. m. K. C. K.
	21	41.	44.	29.872	41.13	NEbN	2½	—	—	b ₉ V. m. K. C. K.
	22	40.6	43.3	29.818	40.13	N.N.E	1	—	—	0. V. K. K.S.
	23	39.2	42.	29.701	38.43	W	0	0.011	0.012	0. m. K. S. K.S.
	24	38.7	41.	29.935	37.93	N.E	2	0.014	0.001	b ₉ V. K. C. K.S.
⊙	25	35.8	39.2	30.147	35.33	NbW	1	0.002	—	b ₉ m. Y. K. S.
	26	36.8	39.6	30.290	36.33	NbN	0	0.003	0.005	0. m. V. K.S.
	27	41.5	41.2	30.013	41.23	WbS	1	0.012	—	b ₉ m. K. C. C.S. K.S. (at 9 ^h 20)
	28	36.9	41.3	30.061	36.13	E.N.E	2	—	—	b ₉ m.m. K. CK. K.S.
	29	39.7	42.1	30.037	39.73	W	2	—	—	b ₉ m. S. C.S.
	30	42.	42.	29.983	42.73	N.W.W	4	—	—	b ₉ V. K. CK.
Mean		42.04	43.62	29.853			Sum	0.4597	0.727	
								0.6985		

1855	9 PM				Wind		Max	Min		
Nov	E	A	Bar	H _g	Dir	Force	T	T		
1	37.9	44.	29.721	37.3 34.3	NNW	1	45.5	36.5	b ₉ v. Y. KS in SW	
2	38.	44.	29.879	37.7 35.7	WNW	1	46.	33.8	b ₆ Y. K. KS.	
3	35.4	43.4	29.950	34.7 34.1	WbN	2½	41.5	35.5	b ₁₀ Y.	
4	41.	43.4	29.946	40.6 39.5	SWbS	4	45.6	33.	b ₅ Y. KS. S.	
5	40.	44.4	29.878	39.1 39.	WbN	2	49.8	39.7	b ₉ V. S. Aurora in N.	
6	40.	44.6	29.574	39.7 39.2	WbS	3	51.6	39.7	b ₁ Y. K. an opening in N horizon	
7	40.	42.5	29.208	38.4 38.2	SbE	3½	43.4	39.	b ₉ Y. S.	
8	35.	42.1	29.280	34.8 34.3	SWbS	3	44.1	34.6	b ₉ Y. S.	
9	41.	42.4	29.441	40.6 39.7	NbE	2	42.5	33.1	o. g. on rain	
10	48.	46.	29.567	42.7 42.2	SbW	5	48.5	40.	o. g. Y. K. (@ 9 ¹⁷)	
11	53.3	50.	29.819	53.3 52.	SbW	4½	56.	47.3	o. g. K.	
12	50.2	48.2	29.828	50.2 48.2	SE	5	52.	49.5	o. g. K.	
13	47.	48.1	29.778	46.6 44.	SE	1¾	54.	46.5	o. g. K.	
14	41.9	46.1	29.801	41.3 38.3	SE	3	47.6	41.5	b ₉ Y. KS.	
15	47.4	48.7	29.901	47.2 45.4	SEbS	4½	48.7	40.1	o. Y. K. KS.	
16	46.	46.7	30.080	45.6 43.	SEbE	2	48.4	45.3	o. Y. K.	
17	39.	45.4	30.124	38.5 37.2	NbN	1½	46.8	38.6	b ₉ Y. K.	
18	44.3	45.3	30.087	42.7 43.4	NbN	1½	52.3	37.9	o. Y. K. KS. (@ 9 ¹⁰)	
19	44.1	45.5	30.018	44.7 41.7	NbN	3	47.	43.7	o. Y. K.	
20	41.4	45.	29.890	40.6 38.9	NbN	3	45.4	40.5	b ₉ Y. K.	
21	40.9	43.8	29.863	40.3 38.4	NNE	0	43.5	38.5	b ₁₀ Y. K. KS	
22	37.6	43.	29.721	36.6 34.6	WbN	1½	42.6	37.6	b ₆ m. K. CK	
23	41.4	43.2	29.800	40.4 38.6	NNE	3	44.	37.1	b ₉ Y. K. CK	
24	34.7	41.6	30.031	32.7 32.7	WNW	1	44.3	34.	b ₉ Y. K. in Ehorz.	
25	37.4	41.6	30.257	36.7 35.3	NNE	2½	42.6	31.7	b ₉ Y. K. S.	
26	40.5	40.8	30.148	40.0 39.1	NbW	1	41.6	31.8	b ₉ Y. KS.	
27	36.6	42.1	29.996	36.9 35.7	NbN	1¾	47.5	36.	b ₉ m. K. CK	
28	40.5	42.	30.109	40.3 39.3	SbE	2	42.1	36.3	o. m. KS.	
29	41.2	42.	29.997	40.9 40.	NWbW	3	44.2	39.	b ₉ V. CS. K. d. Aurora	
30	44.	42.7	30.025	44.3 41.4	WbN	2	45.6	38.4	o. Y. K.	
mean	41.52	44.29	29.855				46.20	38.04		

1855	9 Am.			Hys.	Wind		Rain		
Dec:	E	A	Bar:		Dir	Force	Square	round	
1	44.5	43.	30.007	44.4	W	2	—	—	O. V. HS.
2	43.3	44.	29.840	43.4	N	0	0.032	0.030	b. v. K. CK. C. HS.
3	43.9	44.1	29.860	42.8	W	1 1/2	0.046	0.010	b. m. K. HS. CS. CK
4	45.	45.	29.784	43.2	W	3	0.009	0.002	b. v. K. CK
5	39.1	43.6	29.558	43.3	Wb. N	2+	0.003	0.011	b. v. K. CK. C.
6	35.6	40.1	29.536	38.5	WNbW	3	0.008	frozen	b. v. CK. Snow on ground
7	34.4	39.2	29.559	32.6	WNW	4	0.011	frozen	b. v. HS. n. Snow falling
8	34.	38.8	29.560	33.2	WNW	0	do	do	b. m. K. CK. C. Hys = { 29.1 28.4
9	29.5	36.	29.923	29.5	SE	0	do	do	b. m. K. CK wet bulb frozen
10	26.	35.6	30.063	28.1	SWbS	3	do	do	b. m. K. CK do
11	35	35.1	29.971	24.7	NbW	2	do	do	b. v. K. CK do
12	34.3	35.2	29.409	34.2	SEbS	2	do	do	O. V. K. HS. do
13	25.7	32.3	30.010	33.6	NbW	2	do	do	b. m. S. do
14	38.5	36.	29.879	24.4	SW	3	0.132	0.253	b. v. S. HS. Rain gauges partly frozen
15	42.	39.	29.911	38.3	SW	4 1/2	0.200	0.106	b. v. m. K. CK.
16	37.	39.1	30.067	37.1	SW	2 1/2	0.133	0.006	b. v. C. CS. CK.
17	40.	40.	29.887	41.5	SE	2	0.195	—	O. V. K. HS. KE.
18	41.	40.3	29.822	36.2	SEbE	3	0.008	0.004	O. m. light rain. K. S. n.
19	41.	40.	29.775	37.4	SE	7	0.003	0.002	O. v. g. K Bar. heaving.
20	40.3	40.	29.535	38.2	SEbS	7	0.001	—	O. v. 29. HS. do
21	36.2	38.	29.295	37.7	SEbE	10	0.000	0.096	O. m. 99 HS. n. rain: do very much
22	34.	38.	29.633	36.4	EbS	5	0.092	0.118	O. m. KS
23	41.	38.4	29.000	34.8	SWbS	6	0.091	0.310	b. v. Bar. heaving
24	43.5	41.5	28.917	31.8	SW	11	0.155	0.020	O. v. light rain 99. do
25	37.5	39.5	29.155	40.2	SW	5	0.320	0.060	b. v. K. S. S. CS.
26	42.	40.	28.612	40.2	NE	2	0.009	0.150	O. m. rain n. (at 3 PM. Bar = 28.553)
27	37.	40.1	29.114	37.5	SWbS	3	0.126	0.062	b. v. S.
28	46.	43.	29.110	41.3	SE	5	0.150	0.263	O. v. K. K. S. S.
29	46.7	44.2	29.270	45.5	S	7	0.077	0.273	O. m. HS. n. rain
30	36.1	40.	29.669	46.1	SWbS	5 1/2	0.200	0.206	b. v. S.
31	49.1	46.5	29.610	45.7	SbE	9	0.286	0.004	b. v. K. Bar. heaving
mean	38.56	39.79	29.592	46.9			1.360	1.986	
						Sum	2.079		

1855	9 PM				Wind		Max:	Min:		
Dec:	E	A	Bar:	Hg:	Dir	Force	T	T		
1	44.8	43.6	29.858	44.47	WSW	2+	47.	41.8	o. v. rain	n. K.S.
2	46.	44.2	29.830	43.83	WNW	2	47.1	42.5	o. v.	K.S.
3	46.	44.6	29.840	44.44	WbN	2	48.	42.4	o. v.	K.KS
4	47.9	45.2	29.580	45.55	NbS	4	48.6	44.1	o. s d. q.	K.
5	36.3	41.5	29.438	47.63	WNW	4	48.7	38.6	b. v. q.	CK. n.
6	35.3	40.	29.578	35.63	NWbW	4	39.5	32.7	b. v.	K.S.
7	34.	39.7	29.558	34.63	WbN	2	38.5	32.4	b. v.	K.
8	31.1	37.8	29.738	32.93	NbE	1	36.7	29.	b. v.	
9	27.2	36.4	30.080	30.43	NWbW	2	35.	27.2	b. m.	net bulb frozen
10	29.9	32.5	30.000	29.43	SWbS	2½	32.5	24.1	b. m.	Do
11	32.8	35.1	29.755	28.83	WbN	2½	36.4	28.8	o. v.	K. n. in little snow falling
12	33.2	36.	29.746	32.23	NbE	1	36.5	31.	b. v. K.KS.	(net bulb frozen)
13	35.5	34.3	30.007	31.23	SWbW	3½	35.5	23.8	o. v.	K.S.
14	46.	37.6	29.892	35.33	W	4	46.	34.	o. v.	K.
15	41.5	40.	30.061	46.93	SW	3	47.	40.6	b. v.	K.
16	40.	41.3	29.951	41.63	SWbS	1+	43.4	36.	o. v.	K.
17	41.6	40.5	29.822	39.83	ESE	4	42.7	38.6	o. v.	K.KS.
18	40.5	41.2	29.838	41.13	ESE	5½	42.	40.	o. v.	S
19	40.1	39.5	29.680	40.03	ESE	6½	40.4	38.2	o. v. q.	S. K.S. K
20	37.2	38.	29.399	39.23	SE	7	41.	36.2	o. v. q.	S. K.S. K
21	34.6	38.1	29.540	36.53	SE	7	41.	36.2	b. v. q.	CS.
22	38.6	38.	29.230	31.83	SEbE	2	39.4	33.5	o. m.	K.S.
23	41.9	41.3	28.945	34.33	S½E	9	38.7	33.	o. m. q.	K.S. n. rain
24	41.2	41.4	29.060	37.43	SSW	10	45.	39.5	b. v. q.	CK Bar: heaving very much
25	34.9	40.	29.036	41.13	SbW	1½	42.4	34.6	o. v. q.	Brilliant halo round moon
26	42.1	41.8	28.701	39.63	SW	3+	46.6	34.3	o. v. q.	K.S. K.S.
27	32.6	41.	29.271	40.23	N	1½	42.6	34.	o. v.	c. cs. halo round
28	42.1	43.6	29.180	33.33	SW	5	48.5	34.1	b. v. KS	(at sunset: the clouds were bright)
29	40.4	43.6	29.360	41.53	SWbS	7½	48.3	39.9	b. v. KS	crimson.
30	46.8	44.1	29.611	40.53	S	9	47.2	35.7	b. v. q.	K.S. S. Bar: heaving
31	46.1	45.5	29.484	39.73	SE½S	10	50.3	45.5	o. v. q.	K. Do Do very much
mean	37.77	40.23	29.564	45.13			42.52	35.26		
				45.			42.87	35.61		

1855	Term Observations				Wind		Rain		
Dec	E	A	Bar:	Hyg ²	Dir	Force	Square	Round	
21 st 6 Am	37.7	38.5	29.211	37.17	ES E	23	frozen	frozen	Bar. heaving { hail falling } & violent
7 -	36.	38.3	29.233	35.37	SE	26	0.0437	0.034	n. K. KS. hail & rain. { calm during the night
8 -	36.	37.8	29.260	35.77	SE b E	37	0.0277	0.043	n. KS. rain. Bar. heaving much
9 -	36.2	38.	29.295	35.87	SE b E	24	0.0127	0.019	KS. n. rain. do
10 -	36.1	38.	29.321	35.27	SE b E	36	0.0227	0.002	o. m. q. d. K. n. do
11 -	35.9	37.8	29.329	35.37	SE	27	0.0107	0.014	o. m. q. sleet. do a little
Noon	35.9	37.8	29.331	35.37	SE b E	29	0.0147	0.028	o. m. q. K. KS. do
1 Pm	36.	37.5	29.340	35.37	SE b E	30	0.0057	0.006	o. m. q. KS. n. rain. do
2 -	35.6	37.7	29.361	35.27	SE b E	26	0.0087	0.006	o. r. q. KS. n. { a little snow falling } do
3 -	35.4	37.8	29.402	35.77	ES E	73	0.0057	0.006	o. m. n. K. KS. sleet.
4 -	35.2	37.7	29.435	34.87	E b S	178	0.0167	0.018	o. m. n. KS. sleet.
5 -	35.	37.8	29.467	34.67	E	174	0.0167	0.019	o. m. d. n. KS.
6 -	34.8	38.	29.491	34.37	E	106	0.0107	0.011	o. m. d. n. KS.
7 -	34.5	38.1	29.506	34.17	E	217	0.0047	0.001	o. m. d. KS.
8 -	34.5	38.2	29.528	34.17	E N E	143	0.0057	0.005	o. m. K. KS.
9 -	34.6	38.1	29.540	34.37	E N E	146	0.0027	0.002	o. m. KS.
10 -	35.	38.4	29.546	34.57	E b N	94	—	—	o. m. d. KS
11 Pm	34.5	38.5	29.565	34.27	E b N	71	—	—	o. m. KS.
22 nd 0 Am	34.5	38.5	29.587	34.77	E	112	drops	—	o. m. KS.
1 -	34.4	38.3	29.590	34.77	E b S	75	—	—	o. m. KS.
2 -	34.6	38.4	29.611	34.27	E	110	—	—	o. m. KS.
3 -	35.	38.5	29.620	34.47	E b S	∞	—	—	o. m. KS
4 -	34.9	38.2	29.623	34.27	E b S	160	—	drop	o. v. KS lighter at 10 o'clock
5 -	34.9	38.0	29.621	34.47	E	109	—	drops	o. v. KS 2 points SE for 3
6 Am	34.3	38.5	29.620	33.87	E b S	40	—	—	o. v. KS single field at 10 o'clock

Summary

1855	9 Am			9 Pm			Rain		Neighbour Temper.	Wind		Thermometers	
	E	A	Bar: at 50 ft	E	A	Bar:	Square on Lawn	Round		Force	Dir:	Maximum	Minimum
Jan ⁸	37.39	39.38	30.029	37.64	39.84	30.022	0.354	0.612				1 - 53.00	27 - 25.1
Feb ⁸	30.77	32.23	29.657	31.33	34.10	29.616	1.523	1.594				28 - 45.9	15 - 15.4
March	38.79	38.76	29.472	37.36	41.67	29.490	2.114	2.640				19 - 49.5	25 - 28.0
April	48.30	46.20	29.921	44.80	46.72	29.920	1.346	2.273				18 - 64.6	30 - 33.5
May	48.89	49.09	29.696	46.39	51.88	29.694	2.445	2.693				26 - 68.0	2 - 34.0
June	56.86	55.67	29.780	54.44	57.76	29.779	2.362	2.250				29 - 73.5	1 - 42.0
July	62.81	62.77	29.699	60.47	64.15	29.698	2.812	2.396				11 - 75.5	17 - 50.0
August	60.30	60.27	29.713	57.42	62.20	29.733	3.294	3.195				17 - 75.6	31 - 46.0
Sept ^r	55.87	56.12	29.968	53.79	57.68	29.947	1.450	1.410				21 - 66.9	29 - 38.6
Oct ^r	48.25	49.43	29.408	46.81	50.74	29.435	3.217	3.399				2 - 62.5	28 - 31.0
Nov ^r	42.04	43.62	29.869	41.52	44.29	29.871	0.698	0.727				11 - 56.0	25 - 31.7
Dec ^r	38.56	39.79	29.619	37.77	40.23	29.591	2.079	1.986				31 - 50.3	10 - 24.1
Summer	55.46	55.53	29.809	53.22	57.37	29.712	15.580	15.343					
Winter	39.38	40.07	29.760	38.47	41.21	29.753	8.114	9.832					
Year	47.49	47.87	29.734	45.90	49.37	29.733	23.694	25.175					

	Rain days	Mean Ther.	Mean Bar:
Jan ⁸	10	37.51	30.025
Feb ⁸	8	31.05	29.636
March	20	38.12	29.481
April	14	46.55	29.921
May	14	47.64	29.695
June	18	55.65	29.780
July	18	61.64	29.699
August	22	58.86	29.723
Sept ^r	16	54.83	29.957
Oct ^r	26	47.53	29.421
Nov ^r	11	41.78	29.870
Dec ^r	20	38.16	29.605

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Mean Temperature of Year = 46.70
 Maximum = 75.6
 Minimum = ~~15.4~~
 15.5

Mean Barometer = 29.734
 Maximum = 30.461 - Sept 1st
 Minimum = 28.425 - March 2
 on the same day at 11 P.M. = 28.362

N.B. Max Ther. on Jan^y 1st = 53.0
 " " June 1st = 48.5

Min " on Jan^y 1st = 45.5
 " " " June 1st = 42.

[illegible]