

1852	21 st Morning			Wind			Rain		
January	E	A	Bar:	Hygr:	Dir:	Force	Square	Round	
♀ 1	37.1	40	29.372	36.8	SW	5 -	—	0.114	6. Cirrostratus h. v
2	37.9	38	29.148	36.5	SW	10	—	0.112	6. Cumulohis h. v
3	35.5	39.2	29.580	37.4	NW	3½	—	0.972	6. Cumulus, v
4	45.2	41	29.606	36.9	SW	7	—	0.004	6. m. Sky gauge repaired
5	48.2	45.3	29.324	44.5	SW	6 -	—	0.023	6. Cum. strat. h. v
6	57.5	42	29.124	43.8	SWW	8	0.087	0.153	6. Cum. strat. h. v
7	45.2	42.2	29.037	45.2	SW	11	0.107	0.244	6. Cum. strat. h. v. Bar heaving
8	35.1	36.2	29.047	45.8	NW	7	foggy	foggy	6. Cum. strat. h. v. (snow having fallen)
9	25.5	36.5	29.440	31	NE	0	—	—	6. stratus. f.
10	37.1	37.2	29.610	36.9	SWWS	4	0.339	0.637	6. m
11	39.0	40.6	29.725	36.3	SWWS	7	0.061	0.123	6. cirrostratus & strat. v
12	30.1	37	29.381	37.1	SW	0	—	—	6. thin cirrostratus. m
13	38.5	36.2	29.331	37.2	SE	3	0.002	0.007	6. m
14	42.9	42.1	28.992	37.3	SW	4	0.072	0.286	6. cirrostratus cumulus. v
15	40.5	41	29.373	42.7	SW	7	0.249	0.207	6. cum. v
16	37.	40.5	29.842	39.2	WSW	5	0.372	0.157	6. h. v
17	40.2	40.9	29.990	36.6	SSW	6	0.008	0.008	6. cirrostratus cumulo stratus
18	46.5	44.	29.626	35.7	SW	8	0.002	0.007	6. q
19	43.2	45.1	29.350	40	SW	3+	0.147	0.372	6. m v
20	43.	42.	29.211	43.3	S	12	0.089	0.014	6. q. v
21	38.	40.	28.661	42.8	SW	9	0.342	0.874	6. sky covered with cirrostratus. q. v. h
22	35.3	38.7	29.146	37.9	S	6	0.048	0.196	6. Cum. h. v
23	46.4	43.8	28.910	40.1	SW½W	9	0.470	0.700	6. q. v
24	37.6	38.8	29.300	45.6	SW	7	0.038	0.114	6. cum. & cumulo h. v
25	40.8	39.1	29.579	37.2	SW	7	0.042	0.158	6. cirrostratus & cumulo
26	42.	43 -	28.950	35.7	S	-3	0.134	0.272	6. m. cirrus cirrostratus & cumulo stratus
27	35.7	39.	29.697	40.3	WSW	-4	0.019	0.026	6. m stratus
28	46.2	44.2	29.535	39.4	SSW	7	0.052	0.158	6. q. m. bar heaving
29	35.9	43.	29.340	41.7	WS	5	0.141	0.444	6. q. v. cum & strat in horizon
30	38	40.	29.385	40.4	SE	5	0.182	0.407	6. m. v
31	43.9	44.	29.375	34.8	NW	1+	0.307	0.443	6. m. q
			15 14 9 10.977	43.2					
	39.54	40.70	29.354				3.010	7.807	
			29.354					7.907	

1852	9 II. Even?			Wind			Therm			
January	H	A	Bar:	Hygt	Dir	Force	Max:	Min:		
2	1	37.8	39.2	29.456	37.6	SWW	6	40.2	35.5	b v cumulo strat?
	2	35.8	39.5	29.461	35.4	SWW	3½	40.9	34.9	2 v cumulus
	3	41.2	41.2	28.962	34.3	SWW	7	46.9	34	2 v. r cumulus nimbus
	4	34.5	38.3	29.852	39.9	S	4+	45	32	b v h cum wide halo round moon
	5	47.9	44.0	29.473	34.2	S	7	48.2	42.8	o v cum
	6	48.8	46.8	28.879	31.6	SWW	9	50.2	37.0	o. v. g cum nimbo. a few dashes of rain
	7	35.0	40.5	29.490	34.2	WSW	5	45.9	34.2	b v h stratulus & nimbus
4	8	36.2	43	28.715	33.5	NW	9	39.	31.2	2 v. r. g. cum & nimbus stratus
	9	31.3	38.2	29.352	30.2	W	4	37.7	25	b v g cum - stratulus
	10	34.8	36.5	28.856	33.4	ELS	6	37	26.5	o. r. g
	11	40.6	40	28.661	34.2	SSW	7	43.6	36.3	6. g. cirrostratus, r
	12	35.7	40.1	29.133	34.2	SWW	2½	43.2	29.9	6. cirrostratus.
	13	31	37	29.480	34.2	NW	0	38.1	29	6. o
	14	46.2	41	29.139	34.2	SELS	9	47.2	37.3	o d a few drops of rain
4	15	42.8	43	29.096	33.5	SWW	4+	46	39	o d rain
	16	39.5	42.5	29.539	39.2	SW	5	46.5	36	6 cirrostratus indication of aurora
	17	39.8	42.8	30.027	39.2	SWWS	5	43.9	36.8	6 cirrostratus
	18	43	42	29.829	37.9	SSW	6	46.8	40	6 v cirrostratus - cum strat? despo. to Aurora
	19	48.2	45.8	29.412	37.6	SW	5	50.5	42.8	o. d. r. d = dark
	20	37.5	42.7	29.536	36.1	SSW	3	44.5	34	6 v. cirrus aurora sounds very audible
	21	44.2	45	28.697	43.2	SW	8	53	35	o. faint aurora
4	22	38	40.8	28.775	37.2	WSW	9	43	34	6 g g thick darkness except at zenith
	23	37.1	40.2	29.408	36.2	SWWS	6	48.9	35.2	6 d* stars singularly clear & discrete dark
	24	36.5	40.2	29.139	35.9	SWWS	7	47.4	34.2	6 v. cumulus faint aurora
	25	35.9	38.	29.521	35.1	SSW	5	40.4	35-	6
	26	48.2	44.8	29.021	33.9	S	12+	48.3	+	o v. large luminous clouds on zenith from E to W
	27	37.3	41.0	29.329	37.1	WSW	-3	44.5	32.5	+ the wind being stiff the min was not replaced yesterday
	28	42.1	42.	29.728	35.8	SSW	-6	46.5	38.2	o. v luminous
2	29	49	45.	29.356	42.9	SSW	5	50.2	35	o cumulus
	30	36.2	40.5	29.583	35.8	SWW	6+	41.6	34.2	6 cumulus cirrocumulus
	31	49.5	44.5	29.214	35.2	SWWS	8	51.3	38	4 v cumulus
	36.50	41.49	29.292				44.71	34.63	Only 30 days record in minimum	
			29.292				45.05	34.85		

Feb	Morning 24			Wind			Rain		
	E	A	Bar	Hyg	Dir	Force	Squar	Row	
1	45.5	45.2	29.397	48.5	SW6W	7	0.023	0.118	0. v
2	38	41	29.637	37.9	SW	6	0.431	0.554	b. cum cumsh currosl
3	48.8	45	29.405	37.5	SW6W	9+	0.254	1.453	numb & strat v
4	43.8	44.9	29.397	45.3	WSW	3	0.205	0.748	o.g. m. v
5	40.2	43	29.622	42.9	W	3	0.153	0.231	o.g. m. v
6	41.5	41.5	29.887	40.3	SW6W	3	0.003	0.007	b. cum cur. currostrat. v
7	49.5	46.5	29.128	40.5	SW6W	9	0.070	0.442	b. cumstrat currostrat cum. h. v
8	37.2	41.9	29.289	37.5	NW6N	5	0.158	0.201	b. cumstrat. v Sawell quite sharp
9	37.8	40.2	29.905	33.7	NNW	2+	0.089	0.154	b. cumst, currostrat. cumcum. v
10	39	40.2	29.837	37.1	S	7	0.002	—	b. h. v
11	40.8	43.2	29.507	38.9	SW6W	-2	0.303	0.835	o. h
12	35	40.2	29.298	41.3	N6W	0	0.003	—	o. v
13	37.2	38.2	29.845	41.2	SW6W	5	0.147	0.143	o. m
14	46.2	43.5	29.866	34.7	WSW	5	0.003	0.056	b. cum cumsh currostrat, v
15	43.1	42	29.853	33.9	W	5	0.041	0.120	o.g. g. g. a. b. m. v
16	49.9	45.1	29.714	42.8	W6N	9	0.097	0.214	b. trace cumstrat. g. h. v
17	35.2	41.9	29.588	41.1	NW6W	3	0.013	0.094	o.g. v
18	31.2	38.8	29.916	49.8	NW6W	1	—	—	o. snow.
19	33	37.2	30.127	33.7	SW6S	0+	—	—	b. trace of K to south. h. v
20	37	38.5	30.071	30.4	SW6S	1	0.264	0.308	o. m.
21	42.6	41	30.352	37.0	SW6W	2	0.038	0.004	b. SC. m
22	45.9	43.3	30.529	36.4	SW6S	1	0.001	—	o. m
23	29.9	38.7	30.500	42.4	N	0	—	—	b. m. currostrat
24	38.8	38.5	30.400	38.8	N	0	—	—	o fog hoar frost
24	32	36.9	30.339	38.5	E6S	0	—	—	o fog hoar frost
25	37.5	37.3	30.449	38.2	NNE	3-	0.002	0.001	b. m. currostrat strat
26	41.6	39.5	30.113	35.7	SW6W	1	0.005	0.001	o. m
27	44.9	41.6	29.735	35.5	N6W	5	0.009	0.024	b. cumcum v. m
28	37.5	39.2	29.793	40.2	NW	2	0.011	0.008	b. K. S. v
29	42.1	40.7	29.546	40.0	SW	3	0.000	0.003	b. cummed K. v
				40.9					b. CS. KS. v
Mean	40.24	41.35	29.876				2.325	5.719	

1852	Evening 9 ^h			Wind			Max	Min	
Feb	E	A	Bar	Hyp	Dir	Force	T	T	
① 1	46.9	46	29.570	46.2 ² 45.1 ²	SW W	-5	53.8	43	$\frac{1}{2}$ cirrus cirrocumuli v
2	41.2	44.6	29.349	40.7 ³ 39.7 ³	W	7	50.1	36	$\frac{1}{2}$ cumulus stratus v
3	37.1	40.9	29.765	36.6 ³ 35.9 ³	SW W	5	49	35	$\frac{1}{2}$ cirrus cirrocum - h v
4	49.1	46.5	29.423	45.5 ³ 44.5 ³	W	5	53.5	42.3	$\frac{3}{4}$ v cum ^c nimbus & cirrostratus
5	44.7	44.9	29.243	44.5 ³ 43.5 ³	SW W	8	50	38	$\frac{1}{2}$ v cirrocumulus
6	38.2	43.5	29.901	37.7 ³ 37.0 ³	SW	4	46.5	36.5	$\frac{1}{2}$ v cumulostratus cum ^c (Min 36.5)
7	45	44.8	29.546	44.2 ³ 43.2 ³	SW S	8	50	40.8	$\frac{1}{2}$ v
① 8	40.1	45	28.895	39.9 ³ 39.5 ³	SW W	-3	51.5	35	$\frac{1}{2}$ v cirrus stratus - sounds audible
9	37.5	41	29.473	36.9 ³ 36.9 ³	NW W	8+	41.4	33	$\frac{1}{4}$ flashing light in clouds Eward
10	36.5	42.1	29.985	36.1 ³ 34.8 ³	SSW	-2	45	35	$\frac{1}{2}$ foglike bank of cloud all round
11	44.5	43	29.691	44.2 ³ 43.5 ³	SSW	5	42.3	35	$\frac{1}{2}$ doz
12	38.8	42	29.300	38.3 ³ 37.5 ³	SE	-4	44.5	34.1	$\frac{1}{2}$
13	34.5	41	29.662	33.5 ³ 33.5 ³	NW W	1	40.9	32	$\frac{1}{2}$ stratus aurora
14	46	42	29.890	45.2 ³ 44.2 ³	SW W	5+	46.7	36.5	$\frac{1}{2}$ o.d.g. luminous stratus & a few stars
① 15	41	43	29.879	40.4 ³ 39.4 ³	W	6+	50.1	39.5	$\frac{1}{2}$ o.c.g.g. a bright spot in NW
16	50	44.7	29.696	50.3 ³ 49.3 ³	W N	12	51.5	42	$\frac{1}{2}$ o.g. v
17	47.5	46	29.428	47.2 ³ 46.2 ³	W.W	6	52	35	$\frac{1}{2}$ g. cum strat - bright W
18	33	40.8	29.757	32.3 ³ 31.9 ³	W.W	1 $\frac{1}{2}$	45.7	29	$\frac{1}{2}$ cum cirrostrat bright NW
19	31.9	38.2	30.110	31.7 ³ 31.7 ³	W.W	1+	37.1	28	$\frac{1}{2}$ o. { a very fine Aurora flyg from horizon at the
20	33.1	38.8	29.941	32.5 ³ 32.2 ³	SW W	3	36.2	32	$\frac{1}{2}$ snowing light
21	37.2	41.2	30.235	36.8 ³ 36.2 ³	SW W	1-	46.9	36	$\frac{1}{2}$ v - induction of Aurora
① 22	45.1	43.5	30.457	45.1 ³ 43.8 ³	SW S	2	50-	41.5	$\frac{1}{2}$ o.g.
23	38.2	43.7	30.536	37.9 ³ 36.6 ³	SE	1+	50.5	26.8	$\frac{1}{2}$
24	31.5	40.5	30.400	30.6 ³ 29.4 ³	NW	1	40.3	28.9	$\frac{1}{2}$ v cur strat
25	33.4	39.2	30.391	32.3 ³ 30.9 ³	ENE	3+	40.0	29.8	$\frac{1}{2}$ v
26	39.2	39.9	30.286	38.7 ³ 35.6 ³	W.W	3	42.9	36.7	$\frac{1}{2}$ cirrostrat v h Wind noisy
27	45	41.1	29.920	45.3 ³ 43.3 ³	W.W	3+	46.8	41.6	$\frac{1}{2}$ cirrus cirrocum - cum strat indic ^c Aurora
28	37.9	40.9	29.728	37.4 ³ 34.2 ³	N W	4	47.6	34	$\frac{1}{2}$ cumulostratus
① 29	34.7	41	29.736	34.2 ³ 33.2 ³	W S W	3	45	34	$\frac{1}{2}$ S v
23 ¹¹ 18									
Mean	39.96	42.42	29.799				46.31	35.19	
			29.799				46.65	35.41	

1852	Therm 22 nd			Wind			Rain		
Month	E	A	Bar	Hay	Dir	Force	W th	Roud	
1	37.	402	29.681	36.8	NE	62	2	0.004	6. cs. c. v
2	35.1	37.1	29.881	34.5	E		2		6. QS. K. h. v
3	39.8	39.2	29.992	39.5	SSW		4	0.252	6. C, K. m snow on hills & S
4	44.2	42.5	30.320	44.2	SSW		5		o. m
5	47.	44.8	30.561	46.2	S		4	0.059	o. m. mountain vis to S
6	44.	43.8	30.564	43.8	ELN		4		6. K. CK. h. v
7	44.3	43.	30.416	44.3	E		4	0.003	6. K. h. v
8	39.7	41.5	30.305	39.7	NE		2	0.002	6. h.
9	32.4	40.3	30.265	31.2	SE		0+		6. fog
10	38.9	42.9	30.176	38.5	NE		4	0.004	6. fog
11	40.	40.	30.228	39.3	ENE		0	0.008	6. m. v. stratus
12	35.3	38.4	30.344	34.5	SE		0	0.006	6. cirrostrat. fog
13	38.9	40.2	30.367	38.5	E		2+	drops	o. m. dense and uniform cloud
14	39.2	40.2	30.355	39.2	E		1		o. m
15	39.9	40.9	30.300	39.9	ENE		1.5		o. m
16	41.3	41.1	30.221	40.9	SE	65	1+		o. m
17	41.3	41.6	30.132	41.1	E	1/2 N	2		o. m
18	42.5	40.2	29.929	41.8	SE	6	5		6. v. CK. K
19	44.1	41.3	29.760	43.3	SE	65	4		6. v. catzenith K. CK
20	48.	45.	29.623	48.	SE		8 1/2		6. v. q. K
21	49.4	47.2	29.653	49.1	S		7 1/2	drinking	o. m. q. N. rain Barthelemy gently
22	52.	49.4	29.870	52.	ENE		1	0.005	6. v. c. cs.
23	47.2	47.1	29.780	47.1	NE	W	1 3/4		6. m. c. s. cs
24	39.8	43.6	29.970	39.4	SE		2 1/4		6. v. K
25	41.1	47.3	29.800	41.1	NE	W	0		o. v. K
26	42.	42.2	29.427	41.1	SW	W	1 1/2		o. v. haze
27	37.	41.3	29.429	37.	E		4	drinking	o. haze
28	43.5	43.	29.239	43.3	SE	6	3 1/2	0.003	o. v. CK. CS
29	42.2	44.	29.036	41.3	NE	6	6	drinking	o. m. rain
30	42.4	43.7	29.471	42.2	ENE		4	8.	o. v. K. S
31	Hencefor			42.2	regis try is to be kept according to Civil Reckoning				
mean	41.66	42.43	29.970					Sum	1.279
			29.970						

1852	Evening 9 ^h				Wind		Max	Min	
Month	E	A	Bar	Hyg	Dir	Force			
1	38.2	42.2	29.561	38.23 38.93	W6S	2½	47.5	35	o. v. cirrostrat
2	33.	41.	29.800	32.53 30.03	NELE	1	40	28	b. c. s. v
3	35.5	40.	29.819	34.83 34.13	S	4	40	34.8	o. v.
4	40.	43.8	30.177	40 38.63	S	7	46.5	38.5	b. h. cirrostrat q
5	47.2	44.	30.490	47.23 46.83	SW6S	1	49	43.2	o. dr. v m
6	48.2	45.3	30.604	48.13 47.53	SWLS	1	52.3	36.1	o. m.
7	40.6	45	30.463	40.23 39.53	E6N	2	49.7	38	6 m
8	40.1	45.1	30.329	39.53 30.53	E4NE	2	49.3	32.9	6 v
9	40.	45.2	30.253	39.53 38.13	NE	2-	49.9	30.	6 m v bright arch NW
10	41.5	45.2	30.200	38.13 38.83	E½S	1½	51	32.1	6. h
11	39.	43.9	30.169	38.13 36.53	E	2-	42.5	31.6	6
12	34.8	42.	30.283	36.53 34.23	SSE	1½	46.8	30.4	6 m
13	37.	41.5	30.360	35.33 35.13	NE6N	2+	44.3	34.8	6 m - stars dim
14	39.	41.	30.347	38.53 36.43	E4NE	0	41.2	37	o. g. a very black mass of cloud SW
15	40.5	41.3	30.337	36.43 37.23	E	2+	44.8	38.2	o. g.
16	42.6	42.	30.243	42.23 39.33	SE6S	4	44.4	39.3	o. g.
17	42.1	42.2	30.188	42.23 42.03	SE6S	-2	45.8	39.5	o. g.
18	36.3	41.8	30.000	35.63 33.53	E½S	1½	44.7	34.7	6 v.
19	38.	43.3	29.828	37.13 35.23	SE6E	1	46.6	36.8	6 v
20	47.8	44.7	29.660	47.33 42.33	SS8½E	8	48.5	43.5	6 v. g. KS. K.
21	46.5	46.8	29.676	42.33 45.33	SE6E	0.5	52.8	46.	6. g. g. Bar. heaving
22	51.8	49.5	29.829	52.33 51.53	SW2W	1½	57.2	45.3	o. v. S a few stars appearing faintly
23	48.	52.1	29.821	47.23 45.33	N	1	61.3	42.2	6. g. S round horizon
24	42.1	48.	29.895	41.93 38.43	E6N	2½	54.3	31.7	o. 88.
25	38.8	44.9	29.929	38.43 33.43	N4E	1	43.3	37.8	o. 8.
26	38.8	44.1	29.600	38.23 36.33	W	½	43.4	33.6	o. v.
27	36.2	43.	29.404	35.83 34.23	SE6S	1	45.6	33	6. OK. h. v
28	39.9	43.8	29.368	39.53 36.83	SE½S	2	46.5	36	o. m.
29	45.3	45.9	29.111	45.13 42.13	E½S	4½	50	39.5	o. g. rain commencing.
30	42.4	44.6	29.211	42.13 41.43	E4E	4	44.3	40.7	o. m. rain
31	42.9	44.6	29.716	42.53 41.33	E	0			o. v. c8
mean	41.00	44.12	29.989				47.14	36.33	

29.691
29.988

1852	Term Observations			March 22 nd Civil Duties				Rain		Clouds &c.	
Mar:	E	A	Bar:	Hygr:	Wind Dir	Wind Force		square	round		
21 st #											
18	47.2	46.5	29.630	47.2 } 46.2 }	SEBS	24 to 31.	looking	0.244	0. m. g.	N. rain.	Bar: heaving
19	47.2	46.6	,630	47.2 } 46.3 }	SS E	32.	do	0.085	0. m. g.	N. rain	do
20	48.	46.7	,635	47.6 } 46.9 }	SS E	42	do	0.051	0. m. g.	N. rain	do
21	49.4	47.2	,653	49.1 } 48.6 }	S	32.	do	0.021	0. m. g.	N. rain	do - gently -
22	51,	47.8	,677	51.1 } 50.1 }	S	36	do	0.005	0. v. g.	K.	do;
23	53,	48.8	,681	53.1 } 51.8 }	S ⁴ W	40	do	—	0. v. g.	K.	do
22 nd 0	54,	49.3	,692	54.4 } 52.8 }	S ⁴ W	30	—	—	0. v. g.	K	do very gently
1	55.4	50.4	,711	55.4 } 53.6 }	SSW	46.	—	—	0. v.	K.	do scarcely perceptible
2	55.8	50.0	,726	55.6 } 54.2 }	SSW	49	—	—	0. v.	K	do perceptibly
3	55.5	50,	,745	55.8 } 54.4 }	SSW	50	—	—	0. v.	K.	heaving ceased -
4	55.2	49.7	,760	55.5 } 54.2 }	S ⁶ W ⁴ W	50	—	—	0. v	K	
5	55.	50.2	,768	55.1 } 54.1 }	S ⁶ W ⁴ W	56	—	—	0. m.	K	
6	53.5	50.1	,784	53.5 } 52.6 }	SSW	57	—	—	0. m	CK. S.	
7	52.9	49.8	,803	52.8 } 51.9 }	SW ⁴ S	77	—	—	0. v.	CK.	
8	53,	49.4	,808	53.3 } 52.2 }	SW ⁴ S	53	—	—	0. v.	CK. a few stars seen very faintly.	
9	51.8	49.5	,829	52.3 } 51.3 }	SW ⁴ W	260	—	—	0. m	S.	do
10	51.7	49.5	,837	52.6 } 51.6 }	SW ⁴ S	57	—	—	0. m.	S.	do but seen clearer.
11	50.5	49.4	,842	50.4 } 49.9 }	SW ⁴ S	81	—	—	0. m	SK	do not so clear -
12	49.8	49.2	,847	49.5 } 48.2 }	SWBS	73	—	—	0. m	SK at hor. stars faint	
13	49,	49.1	,843	48.8 } 48.2 }	SSW	65	—	—	0. v	K at hor. diffused aurora to	
14	47.5	49,	,838	47.5 } 47.3 }	S ⁶ W ⁴ W	97	—	—	0. v	do aurora faint, a large star	
15	47,	49,	,832	47.3 } 46.3 }	S ⁶ W ⁴ W	96	—	—	0. v	do increasing at South	
16	46.7	49,	,832	46.7 } 45.7 }	S ⁶ W ⁴ W	227	—	—	0. v	S. K. large stars seen in zenith	
17	46.8	49,	,833	46.7 } 45.7 }	SSW	200	—	—	0. v	K - a slight opening in East	
18	45.3	48.9	,843	45.3 } 44.1 }	SSW	350	—	—	0. v.	c. c. s.	

1852	Morning 9 AM			Wind			max	Min		
April	5	A	Bar	Hwy	Dir	Force	T	I		
1	44.9	43.9	29.850	44.5	EbS	2½	46.	39.2	0. KS, m	
2	47.8	45.3	30.028	47.9	SbE	5½	50.8	43.2	6. V. K. CS	
3	46.3	44.2	29.091	45.8	SEbS	6	50.8	37.5	6. V. CK	
4	42.	42.1	30.071	41.8	E NE	3	49.	31.8	6. VV. K	
5	44.8	42.	29.987	42.7	SE½E	3	44.9	31.6	6. V. K	
6	44.8	44.8	30.031	44.5	SW	1½	52.8	37.8	0. V. KS	
7	46.2	45.	30.132	45.5	E NE	1¾	49.3	37.3	6. m.	
8	46.	44.2	30.200	45.3	E	3	55.5	35	6. V	
9	44.8	45.5	30.200	44.5	ENbS	1	54.9	37	6. m	
10	50.6	46.2	30.113	42.9	S½E	1½	58.9	38.	6. V.	
11	51.1	47.5	30.003	45.7	SE	0¾	55.7	37.7	6. m	
12	53.4	49.2	30.022	46.6	SS E	5	61.	40.2	6. V. sin W	
13	56.7	49.9	30.072	46.4	S	4½	60.5	38.9	6. V. S round horizon	
14	58.7	51.4	30.077	48.7	SE½S	3	64.6	39.7	6. V.	
15	58.	51.5	29.983	49.1	EbN	3	63.7	41.3	6. m	
16	48.5	52.5	29.945	48.8	EbN	5	67.5	44.5	6. on	
17	49.7	50.	29.875	48.9	SW	2	56.3	38.6	6. m	
18	55.	50.9	29.801	48.4	NbE	2	62.5	40.3	6. V. (at 9 ^h 20 ^m)	
19	53.5	51.8	29.868	48.5	S	4	63.6	42.4	6. V.	
20	52.3	52.	29.853	47.9	W.8W	2	61.5	42.6	6. V. CS	
21	49.5	50.1	29.747	46.7	SEbS	6	62.	40.	6. V. CS. S	
22	47.	50.6	29.463	43.3	SE	8	54.1	46.3	0. m r. K Bar: heaving	
23	47.3	50.	29.615	46.6	SE	5	52.2	45.5	0. V. K Wind very steady	
24	46.5	47.1	29.865	46.1	E½N	5	51.8	44.2	6. VV q. CK dispersed	
25	42.9	45.7	29.920	40.2	E.8E	5	51.1	33.1	9. VV. K	
26	47.2	47.3	29.951	42.5	E NE	3	52.2	38.6	6. VV. C. CS	
27	50.2	47.4	29.982	42.3	E½S	2½	52.	36.9	6. V.	
28	52.3	50.3	29.701	49.8	STbS	5	57.9	45.2	0. m K	
29	58.7	52.1	29.533	52.3	WbS	4	61.6	50.3	0. V. K	
30	55.	53.1	29.383	55.1	N NE	3	64.2	49.3	0. V. K	
	49.61	48.15	29.879	52.3			55.91	39.67		
			29.879							

[illegible]

1852	Morning 9 AM				Wind		Max	Min		
May	E	A	Bar	Hyg.	Dir	Force	T	T		
1	52.	51.6	29.737	51.51 49.5	SSW	2	54.9	46.4	0. V.	KS
2	52.2	52.	29.924	51.97 46.5	E	2½	59.	43.5	6. VV.	CK. S
3	52.2	50.	30.026	52.17 47.23	N	2	57.4	39.	8. V.	CS in N. at (9.20)
4	49.5	50.2	30.113	49.33 46.33	NNW	1	60.	39.1	9. K haze	V
5	51.	51.	30.156	50.23 48.23	NE	0	60.1	42	0. KS. haze	V
6	56.9	54.2	30.096	56.33 50.1	SWbW	4	61.3	42.7	6. m.	(at 9.20)
7	57.3	55.	29.826	57.13 53.4	SWbW	6	65.8	50.7	0. V.	S. K
8	58.7	57.3	29.717	59.43 54.4	SWbW	5	61.6	54.	0. V. g.	S. K
9	58.3	56.7	29.611	58.13 51.9	SWbW	6	64.3	54.	6. V. g.	C. CK Bar: Raining
10	55.9	56.6	29.244	56.93 49.9	SWbS	6½	64.9	49.7	6. V. g.	K.
11	52.2	57.6	29.280	52.23 47.6	WSW	8½	58.1	42.6	6. VV. g.	K Bar: Raining
12	51.1	52.	29.366	52.23 47.6	W	3½	55.	45.	6. VV.	K. SK. KS.
13	54.3	53.	29.240	54.13 53.	S	2	59.7	46.8	0. V.	K
14	52.1	53.	29.446	52.33 46.33	NW	5	62.	45.2	6. VV.	K
15	51.9	56.6	29.587	52.33 48.5	S	8	56.7	42.6	0. VV.	K. KS
16	52.8	51.6	29.355	53.33 51.7	SBW	2	55.1	45.4	6. V.	KS. CS
17	55.9	52.1	29.493	55.33 50.1	SW	6	61.2	46.5	6. V.	K.
18	54.6	53.1	29.696	54.63 51.6	NNbE	3	63.9	45.4	0. V	S. K. KS
19	47.8	52.6	29.694	52.63 48.6	NbE	5	60.1	46.6	0. m. r.	N
20	51.5	52.	29.900	50.93 47.23	ENE	2	51.9	46.5	9. m.	one mass of light grey cloud -
21	56.	54.3	29.905	55.23 51.5	ENE	2	63.5	44.	6. V.	S.
22	49.	53.	29.970	51.53 46.6	NE	3	62.8	42.8	8. V.	KS
23	50.9	53.8	30.019	50.73 48.3	NbE	3½	58.9	47.6	0. V.	S
24	59.9	58.3	29.966	59.83 57.4	NbE	2	62.	47.2	6. V.	
25	60.5	56.2	29.935	60.33 53.7	NE	2½	67.6	48.5	10. V	
26	56.	56.7	29.900	56.73 51.	NbE	4	68.6	46.2	6. VV.	CK in SE
27	54.	56.	29.902	53.83 48.8	NbE	4	61.8	44.	9. V.	K. CK
28	54.9	55.8	29.858	54.43 50.	NNbE	2	60.6	46.4	0. V.	S. SK
29	49.	58.6	29.692	49.53 47.1	NE	4	61.	47.8	0. V.	K. N. rain commencing to fall
30	48.5	52.4	29.652	48.13 43.1	NbW	1½	56.6	41.1	6. VV.	K. KS
31	48.5	51.3	29.650	48.33 44.	NW	2	52.3	42.5	6. VV.	K
mean	53.73	53.21	29.742				59.88	45.19		

1852	Evening 9 PM			Wind			Rain			
May	E	A	Bar:	Temp	Dir:	Force	Square	Round		
1	48.2	53.8	29.797	47.77	N	1	0.055	0.055	b. v.	S. in N. cs.
2	46.3	52.8	29.995	46.43	SEbS	0	0.039	0.039	b. vv.	C. cs.
3	48.1	54.1	30.100	44.13	NEbE	2	—	—	b. v.	
4	49	54.8	30.146	48.83	NbE	2	—	—	O. S. K. CS have halved column at sunset	
5	48.3	53.9	30.171	48.27	SEbW	1 3/4	—	—	b. vv.	K. KS.
6	52.8	57.	29.960	52.53	SWbW	4	—	—	b. v.	S. in N.
7	55.6	56.1	29.765	55.93	SWbW	5 1/2	—	—	b. v.	KK.
8	57.2	57.3	29.653	57.43	SSW	5	0.004	0.011	b. v. g.	K. KS
9	52.6	56.	29.621	52.63	SWbS	1 1/2	0.008	0.040	b. v.	C. cs.
10	47.3	54.1	29.321	47.53	SWbW	6 1/2	0.214	0.291	b. vv.	C. CK. K
11	48.4	53.4	29.388	48.13	SWbS	4 1/2	0.014	0.095	b. v. r.	N.
12	49.1	54.7	29.353	48.73	SWbW	2	open	0.209	b. v. r.	K. N.
13	52.2	55.	29.130	52.23	SWbW	5	0.243	0.233	b. vv.	K.
14	45.9	52.8	29.707	45.23	SW	2	0.124	0.145	b. vv.	S. round hor: heavy showers during day
15	58.8	52.8	29.483	58.83	SWbW	2 1/2	0.012	0.025	b. v.	KS. a slight opening in N.W
16	49.5	54.5	29.440	49.23	SW	2	0.137	0.233	b. v.	S
17	49.3	56.	29.590	49.13	SSW	1	0.008	0.020	b. vv.	KS. C.
18	51.6	54.9	29.721	51.33	NbE	2 1/2	—	—	b. vv.	CS. S. opening in N.
19	48.8	52.	29.779	48.33	NNbE	2 1/2	0.290	0.395	b. v.	KS.
20	53.3	50.5	29.900	53.13	NNbE	2 1/2	0.275	0.333	b. v.	C. CS
21	51.8	56.8	29.920	51.73	ENbE	2	0.003	0.013	b. v.	
22	50.3	56.2	30.011	50.13	ENbE	1	—	—	b. v.	
23	53.	56.3	29.993	53.23	NbE	1 3/4	—	—	b. v.	
24	53.4	58.	29.940	53.53	NNbE	2	—	—	b. v.	
25	55.1	60.	29.933	55.13	NbE	3	—	—	b. v.	(at 9 ^h 20)
26	50.6	57.7	29.879	50.43	NbE	3	—	—	b. v.	(at 9 ^h 30)
27	51.	59.	29.865	50.63	NbE	1	—	—	b. v.	S. CS.
28	50.4	57.8	29.748	50.33	NNbE	2	—	—	b. v.	K
29	45.	52.	29.668	45.43	NNbW	2	—	—	b. vv.	CK
30	44.2	52.5	29.663	44.23	NNbW	1 1/2	0.007	0.011	b. vv.	K. KS. S.
31	44.5	54.	29.683	44.23	NNbW	1	0.025	0.027	b. v.	K. dispersed.
	50.38	55.09	29.753				1.658	2.176		
			29.752					2.175		

1852	Morning 9 am			Wind			Max	Min		
June	ℓ	ℓ	Bar:	Hygr:	Dir:	Force	T	T		
1	51.1	51.3	29.650	51.12	WbN	1 1/4	56.5	39.1	O. V.	K.
2	53.4	53.1	29.461	52.62	W	2	58.5	46.1	b. VV.	K.
3	52.2	51.3	29.361	51.32	W. NW	1 1/2	58.9	41.8	b. V.	K.
4	54.3	53.4	29.485	52.32	SW & S	2 1/2	57.6	45.	b. V.	K. in SW-
5	56.4	54.6	29.692	56.22	S	3	61.5	48.	b. V.	K.
6	57.9	56.1	29.470	57.52	S	3	61.4	51.4	O. V.	KS.
7	58.7	56.7	29.465	57.32	E. NE	4 1/2	65.7	51.4	O. V.	K.
8	55.	56.1	29.569	55.32	NE & E	2 1/2	61.8	52.4	O. m.	KS
9	57.8	57.3	29.587	57.72	N. NE	1 3/4	60.1	53.2	O. m.	S
10	57.2	56.	29.540	57.42	NE	3 1/2	62.6	52.6	b. V.	K. KS Barom: rising
11	52.8	54.4	29.484	53.32	N. NW & N	2 1/2	58.6	48.6	b. VV.	K.
12	53.9	54.1	29.604	54.12	N. NW	2 1/2	57.9	48.2	b. VV.	KS.
13	55.4	56.1	29.415	55.02	SW & W	3 1/2	60.8	48.7	O. V.	S. KS.
14	57.2	55.	29.041	56.92	WSW	3 1/2	58.4	50.6	O. VV	K.
15	60.3	55.4	29.300	55.72	S & W	1	61.6	50.4	b. V.	K
16	53.	55.6	28.821	53.72	E & S	8	64.8	51.	O. m. &.	N. Bar: rising (at 9.25)
17	53.6	54.7	28.893	53.62	S & S	7	60.3	50.	O. m. &	N S —
18	57.3	55.4	29.245	57.22	NE & E	3	59.7	52.	O. V.	K
19	59.4	55.4	29.561	59.52	N. NE	1 1/2	61.7	50.	O. V.	KS
20	58.	56.8	29.485	57.62	S & E	2	63.8	48.4	O. m.	K
21	57.	55.3	29.325	56.62	SSW & S	2	59.4	46.9	b. V.	K. CK
22	56.2	57	29.196	56.92	NW & W	2	62.8	50.5	b. V. KS	
23	56.5	57.1	29.453	56.62	WSW	2 1/2	62.2	50.8	b. V.	K. in SW-
24	59.2	56.3	29.697	59.62	WSW	4	64.5	50.	b. V.	K. & C
25	55.8	56.	29.571	56.32	S	6	53.8	52.7	O. V. &	K. in SSW - (Bar: rising)
26	59.9	57.	29.400	59.52	SW & W	3 1/2	60.5	54.5	b. V.	K. KS.
27	60.	56.2	29.532	59.72	SW & S	3	64.6	50.9	b. V.	K. CK
28	58.	56.1	29.480	57.12	SW & W	3	64.4	52.	b. VV.	K.
29	59.5	69.2	29.345	59.22	SSW & S	6	66.6	54.7	O. VV.	KS
30	57.9	58.5	29.451	58.22	WSW	6	64.7	50.4	O. V. &	KS
	56.50	55.91	29.419				60.65	49.50		
			29.416							

1852	Evening 9 P.M.				Wind		Rain		
June	E	S	Bar.	Hygr.	Dir	Force	Square	Round	
1	48.	54.	29.5523	48.	SWbW	3	0.017	0.016	o. m. light rain K. N.
2	45.9	54.1	29.3883	46.8	SE	2	0.037	0.041	b. v. K. S. dispersed ^{Some heavy showers} much thunder from ^{2nd till 6th in W}
3	48.	53.3	29.4173	44.2	SE	1 1/2	0.315	0.254	b. v. K. K. S. C. thunder heavy showers from SE S.
4	51.	55.6	29.622	42.2	S	5	0.080	0.063	b. v. K.
5	54.1	56.7	29.627	47.6	SE	2	0.026	0.026	o. v. K. S.
6	54.1	58.7	29.507	54.1	SEbE	SEbE	0.266	0.205	b. v. C. S. S
7	55.	57.6	29.519	51.7	SE	6	0.106	0.011	o. m. r. N. K.
8	54.5	56.8	29.567	51.8	SEbW	4	0.407	0.478	o. m. S
9	56.2	57.9	29.579	53.2	NNE	1	0.023	0.023	b. v. C. S. C. S.
10	50.	56.2	29.529	56.3	SWNE	3	—	—	b. v. K.
11	49.	56.	29.559	54.7	NNW	1	—	—	b. v. S. K. S.
12	50.	57.	29.636	45.1	NNW	1	—	—	b. v. C. S. K. S.
13	53.5	55.7	29.063	49.2	SWSE	3 1/2	—	—	b. v. C. M. C. K.
14	51.6	56.5	29.165	51.9	WN	1	0.061	0.069	b. v. S. K. S. very heavy showers during day
15	54.4	58.	29.239	51.1	SE	4	0.674	0.546	b. v. K. C. K.
16	51.9	56.2	29.837	54.6	SEbE	4 1/2	0.452	0.666	o. v. K. S.
17	54.	56.1	29.051	51.2	SE	5	0.432	0.636	o. m. d. K. S.
18	54.7	57.2	29.426	49.3	SEbE	0	0.187	0.174	o. v. S. K. K. S.
19	54.9	58.6	29.610	52.5	SEbW	2	0.992	0.094	b. v. C. S. C. S. a very heavy shower at 2 P.M.
20	54.	56.3	29.313	54.9	STbS	2	0.366	0.380	o. m. r. K. S.
21	54.2	58.1	29.252	52.6	SS	3	0.130	0.138	o. v. K. C. K.
22	52.	57.7	29.363	54.3	WN	1 1/2	0.267	0.266	b. v. K. S. at hor.
23	54.1	58.4	29.896	51.1	SWSE	2	0.104	0.088	b. v. K. S.
24	55.7	58.1	29.741	54.1	SSTW	4	0.006	0.008	b. v. K. S.
25	55.	56.1	29.395	52.6	SE	7	0.200	0.224	o. v. g. K. K. S.
26	52.7	58.5	29.547	53.8	SSTW	1 1/2	0.100	0.130	o. v. d. K. S. C. S.
27	53.	57.8	29.437	54.3	STWS	1 1/2	0.023	0.031	o. m. r. N. heavy showers at 12th, 2th, 4th
28	57.	60.	29.453	52.3	SE	3	0.656	0.666	b. v. r. N. K. S.
29	55.5	59.4	29.225	56.1	SE	6 1/2	0.193	0.176	b. v. K. K. S.
30	54.1	59.1	29.632	53.7	WN	2 1/2	0.147	0.200	b. v. clear round hor. light rain - K. very heavy showers during the day -
	52.94	57.06	29.461	52.2			5.307	5.659	

1852	Term observations				Wind		Rain	Rain		
June	E	A	Bar:	Hyg:	Dir:	Force	square	Round		
21 st	54									
6 AM	51.	53.6	29.336	50.43 49.23	SW	260	0.130	0.138	6. VV.	S. CS. at hori.
7 "	52.	54.	29.338	51.63 50.43	S	136	—	—	9/8 V.	CS. K. C
8 "	52.2	54.6	29.333	52.53 50.53	SE	128	—	—	6. V	CS. K. C
9 "	57.	55.3	29.325	53.13 52.13	SSWES	128	—	—	6. V	K. CK.
10 "	57.4	57.	29.322	53.13 52.13	S	98	—	—	6. V.	K. CK
11 "	59.	58.	29.315	53.13 52.13	S	71	—	—	2. VV.	K
noon	60.7	59.	29.300	54.13 53.13	S	107	—	—	6. VV.	K
1 PM	62.5	60.2	29.290	54.13 53.13	SE	51	—	—	6. VV.	K.
2 "	61.	61.	29.281	55.13 54.13	SSWES	47	—	—	6. VV.	K. CK
3 "	61.2	61.7	279	55.13 54.13	SE	50	—	—	6. VV.	K. CK
4 "	58.1	61.1	271	55.13 54.13	S	78	—	—	6. VV.	K. CK
5 "	60.	60.6	259	55.13 54.13	SE	79	—	—	6. VV.	K. KS.
6 "	56.9	60.	259	55.13 54.13	SE	77	—	—	6. VV.	K. N. rain commencing.
7 "	58.8	59.2	250	55.13 54.13	SE	220	0.009	0.005	6. VV.	K. CK.
8 "	55.	58.8	252	55.13 54.13	SE	98	—	—	6. VV.	K.
9 "	54.2	58.1	252	55.13 54.13	SE	78	—	—	0. V.	K. CK a slight opening in S.
10 "	54.	57.9	242	55.13 54.13	SE	66	—	—	6. V.	K
11 "	53.9	57.6	235	55.13 54.13	SE	88	—	—	6. V.	K. along narrow opening in SE.
Midnight	53.5	57.4	224	55.13 54.13	SE	69	—	—	0. V	K. D ₂
22 nd 1 AM	52.9	57.6	220	55.13 54.13	SE	111	0.002	0.002	0. VV	K D ₂
" 2 "	52.3	57.5	207	55.13 54.13	S	97	—	—	0. VV. 2.	K. N. D ₂
" 3 "	51.9	56.7	187	55.13 54.13	SE	100	0.030	0.028	0. V 2.	K. N. D ₂
" 4 "	51.4	56.7	170	55.13 54.13	SE	98	0.043	0.056	0. m 2.	N.
" 5 "	52.1	56.2	161	55.13 54.13	SE	88	0.022	0.010	0. VV.	K
" 6 "	53.5	56.	155	55.13 54.13	SE	361	—	—	6. VV.	K. CK

1852	Morning, 9 th Hour:			Wind			Max	Min		
July	E	A	Bar:	Wgts	Dir	Force	T	T		
1	58.7	58,	29.755	58.7	WbS	4	63.7	51,	0. vv.	S.
2	59.5	58,	29.687	53.1	WbS	4	67.3	54.6	6. vv.	K. KS. (at 9.20)
3	59.5	58.4	29.817	54.6	S	4	67.4	50.6	8. v.	KS. one mass of uniform grey cloud
4	66.6	61.5	29.730	59.5	SbE	5	69.2	54.9	6. v.	KS. S (at 9.20)
5	65,	62.2	29.715	66.6	SS E	4	73.4	60.5	6. vv.	K. round hor:
6	64,	64.5	29.845	61.9	NNTW	2	74.5	58.2	8. v.	K. KS
7	61.5	61.4	29.950	61.1	WNW	2	71.8	52.5	6. v.	K.
8	64.8	62,	29.966	59.2	NWbN	1	74.8	54.8	6. v.	CK.
9	66.6	62.5	29.770	64.9	SW S	3 1/2	70.6	59.5	6. v. g.	AS
10	59.2	61,	30.047	66.8	WNW	1 1/2	71.9	50.3	6. vv.	K.
11	61,	60.9	30.048	60.3	NbE	4	69.6	50.6	6. v.	S at SE horizon
12	67.	65,	29.921	53.2	SbE	6	71.5	58.7	6. v.	
13	63.4	66,	29.921	67.7	NbE	3	74.7	61.4	0. m.	one uniform grey cloud -
14	64.7	66,	29.793	63.6	SS E	2	73.7	61.5	0. mm.	very heavy rain with thunder & lightning at 7.45 AM
15	65.5	65.5	29.795	61.1	S 1/2 E	2	73.2	61.4	0. vv.	K
16	65.5	65.5	29.717	65.4	SbE	4	72.6	59.5	0. v.	K. S. KS
17	65.5	64.1	29.536	61.9	NbE	1	69,	56.3	0. m	one uniform grey cloud -
18	62,	62,	29.631	65.2	S	2 1/2	70.1	58.5	6. v.	K. CK
19	63.2	63,	29.655	62.3	SWbW	2	70.2	58.5	6. vv.	K
20	64.9	63.9	29.750	58.8	SW	4	70.3	60,	6. vv.	K
21	64.3	64.1	29.807	64.2	SWbS	3	72.1	57,	6. vv.	K
22	62.6	62.7	29.959	60.3	WNW	2 1/2	68,	55.6	6. vv.	K. KS.
23	63,	62,	29.995	64.5	SS E	3	70.1	51,	6. vv.	CK.
24	66.7	64.1	29.806	59.3	S 1/2 W	1 1/2	70.6	58.3	6. v.	KS. S
25	63,	64,	29.646	67.2	SSW 1/2 S	0	73.5	60,	0. v.	KS
26	59.9	61.3	29.857	66.1	NNTW	3 1/2	66.3	53,	0. vv.	K. KS. one mass of uniform grey cloud
27	64.6	61.9	29.991	60.0	NbE	2 1/2	65,	57.3	6. v.	K
28	63.4	62.5	30.018	61.3	ESE	1 1/2	73.5	55.8	6. m	
29	68,	65.5	29.988	61.5	NNTW	0	75.5	57.9	6. m.	C. KS.
30	67.	65.1	29.990	64.4	WNW	1	76.6	58,	6. v.	CK in NW
31	66.6	65.5	29.971	62.1	W	1 1/2	76,	57.8	6. v.	C. CK-KS
mean	63.78	62.89	29.841				70.81	56.42		

1852	Evening 9 th Hour			Wind			Rain		
July	E	A	Bar	Hyg:	Dir:	Force	Square	Round	
1	58.1	60.2	29.715	58.1	SW E S	5	0.058	0.050	0. V. g. K.S.
2	55.2	61.3	29.865	55.2	W b S	0	0.079	0.108	6. V. ^{plentiful} mist dew ^{thin & long stratus}
3	59.	61.4	29.787	59.2	S	5	—	—	0. V. g. K.S.
4	65.0	63.8	29.647	65.3	SS E	6	0.020	0.022	6. V. K.S. S. C
5	62.3	66.1	29.777	62.3	S b W	1 1/2	—	—	6. V. C. S.
6	57.8	66.	29.914	57.9	N	2	—	—	6. V. C. S. (at 9.25 th except this)
7	60.4	64.5	29.990	60.4	N N W	1	—	—	6. V. K.S. S.
8	62.4	67.3	29.873	62.9	SS W	2	—	—	6. V. S at NW hor
9	55.9	65.3	29.943	55.9	N N W	1 1/2	—	—	6. V. C.S.
10	56.7	64.7	30.100	56.8	E b N	1 1/2	—	—	6. V. K.S. K.
11	59.9	65.4	29.960	59.9	N b b E	1 1/2	—	—	6. V. K. S
12	64.	68.4	29.905	64.2	S E b E	1 1/2	—	—	6. V. K.
13	66.6	69.	29.828	67.3	S E	2	0.030	0.022	6. m. K. K.S
14	63.9	65.9	29.741	64.3	S b E	1 3/4	0.425	0.328	0. g. r. N. K.
15	60.9	67.1	29.712	61.7	S E	3	0.081	0.062	6. V. K. K.S.
16	60.1	65.1	29.661	60.1	N S W	1	—	—	6. V. r. K. K.S. S.
17	60.	65.4	29.560	60.2	SW	1 3/4	0.002	0.002	6. V. C. C.K.
18	59.9	64.8	29.618	59.9	SS E	4	0.185	0.143	0. V. r. N. K.S.
19	61.	65.2	29.737	61.1	SW b S	2 1/2	0.412	0.389	6. V. r. K. K.S. an opening in SSE
20	61.	66.3	29.780	61.1	W b S	1 3/4	0.254	0.242	6. V. K.S. S (rain drawn off at 7 th hor)
21	60.	63.6	29.793	60.1	SW b S	5	0.003	—	0. V. K.S.
22	59.	64.	30.063	59.2	W b N	0	0.011	0.018	6. V. K.S. C.S
23	60.9	65.2	29.885	61.1	SS E	3 1/2	—	—	6. V. K.S.
24	62.	64.	29.685	62.3	SS E	2	—	—	0. m. r. K.S. N.
25	56.7	63.4	29.795	56.2	N N W b N	1 1/2	0.097	0.087	6. m. r. K.S. N. an opening in NW horizon
26	57.7	61.6	29.921	57.7	N b W	2	0.220	0.210	6. V. K.S. an opening all round horizon
27	60.1	65.	30.037	60.4	N N W b N	2 1/2	0.016	0.018	6. V.
28	62.8	67.7	30.018	62.6	N N W	1 1/2	—	—	6. V. C. C.K. C.S.
29	63.0	69.2	29.972	63.5	W	1	—	—	6. V. S all round horizon
30	61.2	67.	30.000	61.2	W N W	1 1/2	—	—	6. m. C. C.S
31	62.	68.6	29.928	62.2	W N W	1 1/2	—	—	6. m. K. K.S
Mean	60.50	65.23	29.848				1.884	1.698	
			29.846						

1852	Morning 9 Hour			Wind		Max.	Min.		
August	E	A	Bar:	Hygr:	Dir.	Force	T	T	
⊙ 1	63.2	65.9	29.907	63.43	N	2	74.6	57.9	o. v. K
2	64.	63.4	29.650	57.23	S ¹ / ₂ W	4	70.1	53.5	o. vv. K.S. KS.
3	61.	62.5	29.147	57.63	W	2	68.2	55	6. vv. K all round horizon
4	60.7	60.8	29.053	58.53	SWbs	3	67.6	52.2	7. Thunder at 3 hours - no lightning perceptible.
5	61.0	59.8	29.035	58.13	SbE	4	65.2	52.5	6. v. K. KS. CS
6	61.5	60.5	29.048	58.43	S ¹ / ₂ S	3	65.1	53.	5. vv. K.
7	60.2	60.5	28.951	57.33	SW	3	64.7	55.	6. vv. K.
⊙ 8	61.2	60.2	29.100	57.23	SWW	2 ¹ / ₂	65.	53.	6. v. K. KS
9	60.3	59.2	29.245	57.93	SWW	3	68.2	52.2	6. v. K. KS
10	61.6	60.5	29.387	57.13	WSW ¹ / ₂ W	2	68.5	53.4	o. v. KS.
11	59.5	59.	29.251	57.23	NNE	2 ¹ / ₂	67.6	50.3	6. vv. K. strongly defined against deep blue sky -
12	60.5	60.	29.308	57.53	N ¹ / ₂ W	2 ¹ / ₂	63.5	50.3	6. v. K. ch. (at 9 ^h .20 ^m)
13	61.8	60.2	29.500	57.83	WSW	2	61.8	50.3	6. vv. K. S. KS.
14	60.7	58.9	29.576	58.53	Wbs	1 ¹ / ₂	66.	57.5	6. v. K. KS.
⊙ 15	60.	59.4	29.508	57.23	NbE	2	68.2	49.	6. vv. K. C.
16	59.	61.1	29.582	56.63	S ¹ / ₂ W	1 ³ / ₄	69.	57.5	6. y. K dispersed.
17	64.7	62.1	29.385	57.73	S ¹ / ₂ W	5 ¹ / ₂	68.4	58.	5. m. R.
18	61.1	61.5	29.667	57.53	NWbN	2	66.6	56.4	o. vv. KS.
19	58.5	58.	29.833	57.23	N	3	64.6	57.	6. v. K. KS. an opening in S.
20	59.5	58.2	29.918	57.63	NW	1	66.6	50.6	6. v. K. KS. CK.
21	64.9	62.	30.121	57.23	WNW	1	70.7	55.4	5. m. K in S. KS in E. (at 9 ^h .20 ^m)
⊙ 22	62.6	62.1	30.216	57.83	WNW ¹ / ₂ N	0	71.5	55.6	6. vv. K sharply defined - (at 9 ^h .45 ^m)
23	64.5	63.	30.161	57.93	SWbW	1 ¹ / ₂	73.7	54.4	6. v. a trace of S. in E
24	63.3	63.	29.938	57.53	SSW ¹ / ₂ W	2 ¹ / ₂	68.7	50.4	o. v. K. KS.
25	60.3	62.2	29.739	57.13	NbW	2	67.	56.	o. v. S
26	64.	60.1	29.821	57.53	SW	3	66.7	49.5	6. vv. K.
27	64.1	63.2	29.962	57.23	SSW	2 ¹ / ₂	71.	58.4	6. v. K. KS
28	62.	63.4	29.902	57.33	S	3 ¹ / ₂	69.6	57.5	6. v. K.
⊙ 29	61.	63.	29.735	58.13	SW	2	69.5	56.9	6. v. C. K. CK.
30	55.	67.4	29.674	56.33	S	3 ¹ / ₂	66.7	49.	6. v. CK. K
31	56.5	67.	29.772	57.73	WSW	4 ¹ / ₂	62.3	49.1	6. vv. K. KS. S
mean	61.14	61.55	29.584				67.17	53.19	6. v. K. CK.

1852	Evening 10 Hour			Wind		Rain			
August	E	A	Bar:	Hgt:	Dir:	Force	Square	Round	
1	59.2	57.5	29.878	58.8 ³	NW	1 $\frac{1}{4}$	0.020	0.016	b. v. C. CK. KS
2	58.5	64.0	29.289	58.4 ³	SSW	2	0.132	0.158	0. v. KS, NW W heavy rain
3	55.	64.0	29.103	58.3 ³	SWbW	1 $\frac{1}{2}$	0.087	0.079	b. v. h. KS. GS
4	55.3	57.8	29.048	55.3 ³	SE	3	open	0.105	b. vv. K. KS. S
5	57.6	62.	29.088	57.6 ³	SE	2	say 100	0.105	b. v. N. KS. {thunder at 3 $\frac{1}{2}$ PM & heavy rain}
6	55.8	62.1	28.960	56.1 ³	SEbE	1 $\frac{3}{4}$	0.045	0.043	b. vv. K. KS. {much thunder at 6 PM & Ball lightning moved from south to north parallel to the horizon}
7	55.1	60.5	28.976	55.7 ³	SW $\frac{1}{2}$ S	1 $\frac{1}{2}$	0.042	0.040	b. v. KS.
8	55.9	58.3	29.176	55.9 ³	SSW $\frac{1}{2}$ W	2	0.090	0.071	b. v. B. KS.
9	56.	61.3	29.317	56.2 ³	SSW	3	0.042	0.136	b. v. K. C. (much thunder during day but no lightning visible)
10	56.	61.1	29.387	56.2 ³	WbS	1	0.337	0.270	b. v. K. (very heavy rain from 2 nd to 3 rd with large hail stones)
11	54.6	60.6	29.211	55.9 ³	NWbN	1 $\frac{3}{4}$	0.093	0.091	0. v. KS. (very heavy rain from 7 th to 7 $\frac{1}{2}$ with thunder no lightning visible)
12	54.	61.	29.465	55.7 ³	NWbN	1 $\frac{3}{4}$	—	—	b. vv.
13	55.5	61.1	29.587	55.5 ³	W	2	0.045	0.045	b. v. S. KS. (thunder at 3 PM)
14	56.2	59.1	29.422	56.2 ³	SE	2 $\frac{1}{2}$	—	—	b. v. KS.
15	58.6	59.	29.620	58.6 ³	SbS	5	0.152	0.145	b. v. C. CK
16	59.1	62.1	29.568	59.5 ³	WbN	1 $\frac{1}{2}$	0.588	0.571	0. v. KS.
17	57.6	63.4	29.579	57.6 ³	WNW $\frac{1}{2}$ W	1	—	—	0. v. S. CS. a long narrow opening in NW
18	54.6	62.5	29.834	54.6 ³	WNW $\frac{1}{2}$ W	1 $\frac{3}{4}$	0.128	0.112	b. vv.
19	56.2	61.8	29.884	56.1 ³	NNE	1 $\frac{1}{2}$	—	—	b. vv. K. at western horizon.
20	58.3	64.1	30.008	58.3 ³	SbW	2	—	—	b. vv. S at SW & E horizon
21	59.	65.8	30.200	58.7 ³	NbW	1	—	—	b. vv. KS in E.
22	62.5	65.5	30.140	62.1 ³	SW $\frac{1}{2}$ W	3	—	—	b. v. KS.
23	58.	64.4	30.081	62.6 ³	SW $\frac{1}{2}$ W	2	—	—	b. vv. S. in SW
24	59.	63.9	29.764	58.9 ³	SbW	2	0.343	0.337	0. v. N.
25	55.9	63.2	29.820	58.1 ³	SbE	0	—	—	b. vv. S dispersed
26	59.3	64.	29.902	59.3 ³	STW $\frac{1}{2}$ S	2 $\frac{1}{2}$	—	—	b. vv. KS. S.
27	60.	65.7	29.965	60.1 ³	S	1 $\frac{1}{2}$	—	—	b. v. clear in zenith C. CK. KS at hor.
28	60.1	65.4	29.792	60.1 ³	S $\frac{1}{2}$ E	3	0.076	0.078	b. vv. K. CK. (at 9.20)
29	53.5	62.1	29.678	57.7 ³	SWbW	1 $\frac{1}{2}$	0.333	0.318	0. v. N. N. K.
30	57.9	60.	29.728	57.2 ³	WSW	2 $\frac{1}{2}$	0.170	0.153	b. vv. KS.
31	56.1	61.4	29.749	56.1 ³	SW $\frac{1}{2}$ W	2 $\frac{1}{2}$	—	—	b. d. N. N. KS
Mean -	56.92	61.90	29.588			Sum	3.050	2.873	

1852 Evening
Greenwich M.T.

Wind

Cloud amount &c.

August	E	A	Bar	Hygr	Dir	Force
17 th 5 ^h 5	64.	62.9	29.528	58.23	W	2
5.30	64.	64.6	29.535	58.63	W $\frac{1}{2}$ N	2
6.0	65.2	64.9	29.545	58.83	WbN	1.
6.30	64.5	64.6	29.541	59.13	W $\frac{1}{2}$ N	1 $\frac{3}{4}$
7.0	64.4	64.4	29.541	64.53	WbN	2
7.30	61.5	64.	29.558	64.13	W $\frac{1}{2}$ N	2
8.0	59.9	64.	29.545	57.63	W $\frac{1}{2}$ N	2
				57.63	W $\frac{1}{2}$ N	1 $\frac{3}{4}$

9. VV. K.KS. K principally in W where ^(sky) were also a few patches of dark blue
 0. VV. K.KS equally diffused: a few blue patches in W & W.
 0. VV. KS. a dark blue patch in WSW hori
 6. VV. KS. K.S. clouds much broken in W up to zenith
 6. VV. K in SE. KS. & S much dispersed
 6. VV. K.CK.KS. a large opening in N horizon
 6. VV. CK in S. KS in N. K much dispersed
 sky of a red & green color in the sunset

18 th 3 ^h 3 ^N	65.	65.	29.873	65.13	N	1 $\frac{1}{2}$
3.30	65.5	65.	29.876	59.53	N	1 $\frac{1}{2}$
4.0	65.	65.1	29.871	60.13	N	1
4.30	66.3	65.	29.871	64.63	N	1
5.0	65.5	65.	29.860	66.13	N	1
5.30	65.7	64.9	29.870	59.43	N $\frac{1}{2}$ E	1 $\frac{3}{4}$
6.0	64.	64.8	29.869	65.63	N $\frac{1}{2}$ E	0
6.30	63.3	64.3	29.864	59.53	N $\frac{1}{2}$ E	2
7.0	62.9	64.	29.867	63.93	NbE	2
7.30	61.	63.5	29.873	58.53	NbE	0
8.0	60.1	63.1	29.880	63.13	NbE	1 $\frac{1}{2}$
				57.63	NbE	1 $\frac{1}{2}$

6. V. K. blue sky in patches -
 6. VV. K.KS. S $\frac{1}{2}$
 6. VV. K.KS. clear at zenith & towards E.
 6. VV. K.KS. S $\frac{1}{2}$ + towards SE.
 6. VV. K.KS. an upper current from W to E
 clouds chiefly in W.
 6. VV. K.CK dispersed
 6. VV. K.C.KS. round horizon
 6. VV. KS.S round horizon
 6. VV. S in N. K.KS round rest of horizon
 6. VV. K.KS. clear in S & SW.
 6. V. K dispersed & very thick in SW.

1852	Morning 9 th Hour.			Wind		Max	Min		
Sept	E	A	Bar.	Hyg	Dir.	Force	T	T	
1	60.9	59.8	29.718	61.23	SW	3½	62.8	52.8	o. v. KS.
2	63.4	59.5	29.961	57.83	SW	6	64.9	59.5	6. v. g. S. KS. clear at zenith
3	63.	61.8	29.927	63.63	SE	5	66.4	56.3	6. v. g. CS. KS.
4	60.5	62.1	29.906	60.13	SSW	3	68.2	58.9	o. m. r. n.
5	59.5	59.2	29.888	59.53	NW	1½	62.5	50.4	o. m. m. K
6	60.6	61.	29.887	61.23	SSW	2	68.1	55.2	o. v. KS.
7	59.2	60.	29.950	59.53	N	2	65.6	54.3	6. v. K.
8	62.	61.1	30.137	62.23	NNEW	4	66.6	55.3	6. v. K. CK.
9	61.	60.2	30.130	60.83	NNEW	4	68.6	53.	6. v. K. CK dispersed (at 9.20 ^m)
10	58.5	60.	30.008	58.53	NNE	2	67.	52.	6. v. K.
11	57.6	60.1	29.865	57.23	NW	3	65.6	53.	6. v. S. KS.
12	58.4	59.4	29.809	58.93	NW	1½	63.1	53.1	6. v. IL: KS = KS
13	59.	58.	29.874	58.13	NW	1	62.9	51.4	o. v. Rain commencing to fall.
14	52.5	53.3	29.807	51.93	SW	3	62.	43.	6. v. CK. K.
15	49.1	53.3	29.579	49.13	NW	2	58.	44.4	6. v. K. CK. C. (hail shower at 11 AM)
16	48.	49.3	29.623	47.63	W	1½	53.4	37.3	6. v. KS in N. horizon
17	49.6	51.9	29.721	49.13	SW	1	58.	41.7	6. v.
18	48.	50.	29.452	47.23	NNE	1½	60.5	37.	o. fog.
19	50.1	52.5	29.393	50.23	N	2	57.8	46.7	6. v. K. S. - KS.
20	53.9	52.2	29.189	53.33	SW	4	54.2	43.	6. v. KS. CS.
21	50.	52.	29.787	50.33	NW	3	58.6	42.5	6. v. K dispersed. S at W. hor.
22	54.5	52.3	30.092	54.43	SW	4	55.5	43.	o. v. - IL -
23	55.7	54.	30.288	55.73	SW	3½	60.6	50.8	o. v. KS. S
24	55.6	55.3	30.283	55.73	SSW	2	60.7	51.3	6. v. K. KS. S.
25	56.7	55.	29.985	56.73	SSW	3	61.	49.5	o. v. K. KS.
26	51.8	55.6	29.808	51.33	NNE	3½	63.	51.6	o. v. N. Rain commencing
27	48.9	51.4	29.884	48.33	N	2	55.6	42.4	6. v. K. in E
28	47.	48.	29.462	46.53	NNE	2	54.6	36.5	6. m. K. S. KS in W (at 9.25 ^m)
29	48.	49.5	29.208	47.73	N	5½	51.5	44.	o. v. v. KS.
30	49.7	50.1	29.388	49.43	NW	2½	52.	41.8	6. v. KS. S
mean	55.09	55.62	29.769				60.60	48.19	

1852	Evening 9th Hour			Wind			Rain		
Sept th	E	A	Barom:	Hygr:	Dir:	Force	Square	Round	
1	61,	62.2	29.857	61.27	SEW	4	0.065	0.090	0. v. K. KS.
2	57.6	62.5	29.973	59.13	SSW	4	—	—	b. v. CS
3	61.5	64.6	29.882	56.1	SE & S	3	0.452	0.511	b. v. g. CS. S
4	58,	62.1	29.921	57.3	SE & E	0	0.500	0.462	b. v. KS dispersed: fine Aurora from N to W
5	59.7	63,	29.829	55.27	WSW & W	2 1/2	0.054	0.065	0. 88. K
6	55,	62.1	29.929	58.13	SW & W	1	0.064	0.047	b. v. H. CK (a very heavy shower at 5 H)
7	61.	60.3	30.060	58.13	NE E	2	—	—	b. v.
8	58,	62.7	30.153	58.23	NNE & N	2 1/2	—	—	b. v. v
9	57,	54,	30.072	56.83	NNE	1	—	—	b. v. h. H. CK.
10	54,	62.2	29.925	55.27	NE E	1	—	—	b. v.
11	54,	61.2	29.802	54.27	WES	3 1/2	—	—	b. v. K at horizon in W.
12	54.3	60.6	29.793	54.63	SW & W	2	—	—	b. v. KS. S
13	46.1	57.3	29.896	46.33	SW	1	0.017	0.017	b. v.
14	48.5	56.2	29.661	45.63	NEW	1	0.125	0.118	0. g. S.
15	41.6	53,	29.480	47.93	NW & W	1 1/2	0.004	0.005	b. v. v. a trace of KS in NE horizon
16	45.1	53.9	29.723	40.63	NW & W	1	—	—	b. v. v.
17	47.9	53.3	29.675	44.23	SEW	2	—	—	b. v. { fine white Aurora from W to N. in a
18	48.5	54.1	29.191	47.93	NEW	1 1/2	0.007	0.012	0. g. K. regular elliptic arch 15° in altitude -
19	43.7	54,	29.411	48.43	N	1 3/4	0.036	0.046	b. v. { Aurora arch from W to N. about
20	46.3	54.3	29.390	42.43	NW & N	3	0.050	0.046	0. v. K. 30° in altitude -
21	44,	54.2	30.073	43.23	WES	2	0.031	0.021	b. v. v. slight aurora in NW.
22	53.2	54.6	30.224	41.43	WSW	2	0.002	0.002	0. v. K. KS.
23	55,	56.	30.207	53.53	SW & S	4	—	—	0. v. K. KS.
24	52.1	55.7	30.122	53.23	SEW	4	—	—	b. v. v. S in W.
25	54.2	57.7	29.796	50.13	SEW	3	—	—	b. v. CS. S
26	49.2	54.2	29.893	54.23	NE E	2 1/2	0.009	0.010	0. v. K. KS
27	42.3	54,	29.727	49.23	NNE	1	—	—	b. v. KS in SE horizon
28	47.6	51.3	29.227	47.43	SE E	2	0.240	0.275	0. on N KS in S N.
29	42.7	50.6	29.238	44.53	SW & W	1	0.001	0.003	b. v. thin stratus at horizon
30	43.5	50.5	29.412	42.13	WSW	3	0.067	0.084	b. v. K. clear at SE horizon
23. 568									
mean	51.35	57.08	29.785				1.724	1.814	
29. 785									

Term Observations					Wind		Rain		
Sept	°	'	Bar	Hygr.	Dir	Force	Square	Globe	
21 st 6 ^{am}	43.1	57.2	29.704	42.23	NWbW	108	0.050	0.046	6. VV. K in E.
7 -	44,	57,	.724	40.43	NWbW	162	—	—	7 ³⁰ VV. K round horizon
8 -	47.8	57.1	.763	41.43	NW	82	—	—	8 ³⁰ VV. dispersed K.
9 -	50.	52,	.787	43.33	NW	85	—	—	9 ³⁰ VV. K dispersed. S in W hor.
10 -	51.	53,	.821	45.53	NWbN	90	—	—	10 ³⁰ VV. K. dispersed
11	52.4	55,	.861	45.63	NW	99	—	—	11 ³⁰ VV. K. KS. S in S + W
Noon	56,	57.1	.888	46.53	NWbW	137	—	—	12 ³⁰ VV. g. K.
1. Pm	53,	57.7	.921	48.43	WbW	143	—	—	1 ³⁰ VV. K; clear in S.E.
2 "	49.2	57.3	.935	47.93	NWbN	125	0.021	0.011	2 ³⁰ VV. K strongly defined - very heavy hail at 1 st 45 th
3 "	54,	58,	.953	47.23	NWbN	119	—	—	3 ³⁰ VV. K do in E + S.
4 "	51.8	57.2	.980	47.33	WbW	136	—	—	4 ³⁰ VV. K do in E + W
5 "	50.4	56.3	30.005	45.23	WbW	88	—	—	5 ³⁰ VV. K. clear at horizon
6 "	49.4	55.3	.027	45.63	WbN	240	—	—	6 ³⁰ V. KS dispersed
7 "	46.9	55.1	.050	46.33	W	123	—	—	7 ³⁰ V. S. KS. towards S.
8 "	45.9	54.7	.058	46.33	WbS	115	—	—	8 ³⁰ V. slight aurora in NW.
9 "	44,	54.2	.073	45.43	WbS	174	—	—	9 ³⁰ V. S in W
10 "	43.3	52.7	.083	42.63	SW	135	—	—	10 ³⁰ V. clear in S.E.
11 "	43.7	53.5	.087	41.43	SWbS	112	—	—	11 ³⁰ V. S. clear in E + S
22 nd 0	44,	52.9	.088	40.53	SWbS	100	—	—	12 ³⁰ V. slight aurora in NW
" 1 ^{am}	43.5	52,	.082	41.73	SSW	70	—	—	1 ³⁰ V. S in NW
" 2 "	43.5	51.4	.075	41.13	SSW	106	—	—	2 ³⁰ V. KS.
" 3 "	45,	51,	.065	41.23	SWbS	102	—	—	3 ³⁰ V. drizzling rain
" 4 "	47,	51.	.063	42.53	SWbS	81	—	—	4 ³⁰ V. g. dr.
" 5 "	47.5	51.1	.050	44.73	SWbS	76	0.002	0.002	5 ³⁰ m. g. rain
" 6 "	48.6	51.5	.052	45.63	SWbS	58	0.008	0.008	

1852	9 th morning			Height	Wind		P max T	min T		
October	E	A	Bar		Dir	Force				
♀ 1	42.	48.8	29.212	41.1	WSW	1	53.5	40.7	o. v. 2	KS.
2	46.5	48.8	29.208	40.4	N	2	50.7	39.	o. v. KS	(at 9 th 25)
⊙ 3	47.1	48.8	29.572	46.7	W	2	52.6	41.7	b. v.	
4	45.	47.1	29.290	44.5	NSE	2½	52.9	37.1	o. v. KS.	
5	47.5	48.	29.037	47.7	NW	2	50.5	42.	b. v. KS.S	
6	46.2	46.5	29.500	46.	NW	3	52.9	38.7	b. v. KS.S.	
7	47.4	48.1	29.798	47.2	WNW	2½	50.2	41.9	o. v. KS.	(at 9 th)
8	43.	46.1	29.862	41.7	NW	2	50.2	37.6	b. v. CK. K.	
9	43.4	45.8	29.925	40.9	WS	1	46.4	37.6	b. v. C. C. S	
⊙ 10	50.8	48.7	29.912	50.9	NW	1¾	51.5	42.5	b. v. CS. KS. angling in NW	
11	49.3	50.	29.998	49.7	NW	2	—	—	b. v. K. KS.	{Bar: set: but forgotten to be recorded till?}
12	49.1	49.3	30.257	48.7	NW	1	55.	44.4	o. m. KS.	{afterward set from recollection}
13	51.1	50.	30.195	51.	SW	1	53.2	45.	o. v. KS. K.	
14	45.1	47.3	30.128	47.9	W	1½	54.	38.6	b. m. K. KS.	
15	50.	49.1	30.124	49.8	ES	2	51.8	44.6	o. v. KS.	
16	50.1	49.6	30.082	50.8	SE	2	53.4	48.	o. v. KS	
⊙ 17	49.1	49.5	30.088	49.	SE	1¾	52.1	46.5	o. m. KS.	
18	47.1	47.4	30.171	46.8	SW	2	53.	40.4	b. m.	
19	50.3	54.4	30.230	50.1	SW	2½	58.4	45.2	o. v. KS.S	
20	50	49.3	30.061	49.8	SW	1	55.6	43.9	o. v. KS.	
21	50.	51.	29.722	51.	SE	3	55.6	48.	o. v. KS.	
22	55.7	53.4	29.353	55.2	SE	4½	56.7	50.6	o. v. light rain.	a uniform grey cloud
23	45.2	48.2	29.418	44.7	SW	5	57.6	42.	b. v.	
⊙ 24	46.	47.7	29.240	45.7	SW	4	53.1	41.3	o. v. q.	
25	45	47.3	29.285	44.6	WNW	3	53.6	40.	b. v.	K. KS.
26	46.1	47.	28.860	45.7	NE	5	50.6	40.2	o. v. q.	M. light rain
27	46.	47.	29.155	45.6	NNE	5	52.3	42.1	o. v. q.	KS.
28	45.5	47.3	29.566	45.1	NNE	5	48.	43.7	b. v. q.	S
29	42.6	45.	29.500	42.1	ENE	3¾	47.1	38.4	o. v.	KS
30	43.	45.2	29.361	42.1	SW	1¾	46.3	41.3	o. fog.	
⊙ 31	51.2	47.7	29.235	51.3	WS	5	52.5	42.8	b. v. q.	K. KS
mean	47.30	48.37	29.656				52.00	41.83		

1852	9 th Evening			Wind		Rain			
Oct	E	A	Bar.	Hyg	Dir	Force	Square	Round	
1	44.1	49.7	29.154	43.4	WbN	2½	0.843	0.736	0. v. K.
2	46.3	51.	29.390	46.1	W. NW	2	—	—	6. v. K. KS.
3	41.3	50.7	29.613	40.6	SWbW	2	—	—	6. v. v.
4	45.	48.8	29.871	44.6	N. NE	4	0.423	0.530	0. g. Rain. K. N.
5	42.3	49.	29.300	41.7	WbN	2½	0.108	0.108	6. v. S. round horizon
6	46.	49.1	29.602	45.9	NbS	3	0.028	0.022	0. v. K. N in W.
7	39.9	48.	29.872	39.7	N. NW	1	—	—	6. v. KS. K.
8	40.	47.1	29.902	40.3	N. NW	1	0.031	0.032	0. v. K. KS.
9	50.3	48.2	29.797	50.6	W. NW	2	—	—	0. g. g. K.
10	47.	50.	29.977	46.3	W. NW	2	—	—	6. g. KS.
11	48.5	50.5	30.192	48.3	NW	1	—	—	6. g. K.
12	48.4	51.1	30.341	48.5	N. NE	1	—	—	0. g. K.
13	43.1	60.1	30.165	42.8	SbE	1½	—	—	6. v. KS.
14	48.	49.4	30.116	48.7	S. SE	2	—	—	0. g. K.
15	49.3	50.	30.079	49.3	E. SE	2	—	—	0. v. KS.
16	49.	50.2	30.022	48.9	SE	2	—	—	0. g. K.
17	42.4	49.5	30.110	41.6	S. NE	1½	—	—	6. v. a greenish Aurora in NW with a few
18	47.1	50.6	30.231	47.1	WbS	1½	—	—	10. R. streamers from western extremity -
19	49.6	51.	30.134	49.6	WSW	3	—	—	larger stars faintly seen.
20	49.4	52.2	29.903	49.2	N. NW	1¾	0.056	0.055	0. v. KS.
21	54.8	52.	29.516	54.7	SbE	3	0.028	0.030	0. v. K. KS.
22	49.3	53.4	29.315	49.3	W. N	2½	0.158	0.162	0. v. K. KS.
23	44.3	50.	29.250	43.9	S	4	0.070	0.098	6. v. g. S. R. 0.098
24	43.	50.1	29.296	42.9	SW	4	0.043	0.062	6. v. S in W
25	40.6	48.	29.292	40.0	SW. W	1½	0.121	0.158	6. v. v. Bright Halo round J. sky covered with very
26	45.5	47.	28.950	45.7	N	3	0.198	0.263	10. v. g. K. KS. thin uniform cloud through which the stars were visible
27	46.5	47.8	29.320	46.1	N. NE	4	—	—	6. v. K.
28	44.9	46.9	29.657	44.4	N. NE	3	—	—	6. v. K. breaking up.
29	43.	46.5	29.225	42.5	E. SE	4+	0.210	0.195	0. v. light rain
30	51.9	48.1	29.131	51.3	S. SE	4½	0.070	0.098	0. v. g. KS occasional rain.
31	50.	50.5	29.379	49.7	S	4	0.040	0.012	0. v. KS. K.
mean	46.06	49.24	29.649			Sum	2.427	2.563	
			20.782					2.563	
			29.649						

1852	9 th morning			Height	Wind		max: T	min: T		
Hour	E	A	Bar:		Dir	Force				
1	55.7	53.5	29.165	55.97	S	9	57.5	49.	o.m. yg.	Bar: heaving violently.
2	50.	50.1	29.211	49.97	S ¹ / ₂ W	6 ¹ / ₂	57.	46.	6 v. yg.	
3	42.	48.3	29.343	48.53	SSW	3	56.2	41.	6 v.	KS.
4	44.7	46.	29.443	44.43	SSW	6	50.9	40.7	6 v. yg.	
5	46.	47.3	29.954	46.23	E-NE	4	56.6	44.1	o. yg. heavy rain	
6	44	46	29.272	43.43	SWbS	5	48.8	40.	6 v.	KS, CS.
7	57.7	51.	29.240	53.83	SWbS	5 ¹ / ₂	54.3	42.	6 v.	KS.
8	57.	53.	29.512	56.93	SW ¹ / ₂ W	6	57.7	51.8	o.m. rain yg	Bar: heaving
9	48.2	49.5	29.993	47.23	SWbS	2 ¹ / ₂	58.2	46.	o. v.	S. KS
10	43.2	47.6	29.927	43.33	NEbE	1 ¹ / ₂	52.7	41.5	6 v.	S. KS. clear in NE after:
11	39.5	44.2	29.445	39.53	E-NE ¹ / ₂ N	5	46.	38.3	o.m. heavy rain	x H _g = 38.53
12	42.3	43.5	29.430	42.33	E-NE	8	42.8	38.2	6 v.	clear in NE
13	41.4	43.8	29.320	41.23	ESE	6	44.8	41.3	o. v. yg.	KS.
14	41.	43.	29.153	41.13	NEbE	6	43.2	39.5	o.m.	rain
15	42.1	43.2	28.909	41.23	NEbE	4+	42.3	39.8	o.m.	rain (at 9 th 25 th)
16	45.5	44.8	28.650	45.33	NEbS	2	45.8	41.7	o. v.	KS
17	43.	44.	28.765	43.73	NEbW	2	47.2	40.	o. v.	KS
18	41.	43.1	29.041	40.63	SWbW	5	45.8	39.3	6 v.	C. CS
19	42.	41.3	29.308	41.83	S	6	45.	37.	6 v.	yg. CS, S
20	35.3	40.3	29.236	34.53	SWbS	0	46.2	35.3	fog.	
21	40.3	44.	29.124	40.13	NEbS	1	40.7	35.	o. v.	CS, S
22	34.6	39.	29.026	33.53	NNE	1	40.2	31.9	6 v.	K. CK. ground white with frost.
23	35.7	40.	29.212	35.43	SW ¹ / ₂ S	2	44.	36.3	6 v.	S
24	38.1	40.2	29.443	38.13	SWbS	2	43.	32.6	o.m.	KS
25	34.	39.	29.630	33.43	NEbE	2 ¹ / ₄	46.	30.	thick fog	
26	46.	45.	28.850	46.13	SW	5	53.6	31.4	o. vv.	S. KS.
27	38.	40.7	29.405	37.73	SW	5+	46.8	33.7	6 v.	
28	36.7	40.4	29.085	36.33	SSW ¹ / ₂ W	7	43.6	32.3	6 v.	KS, K. S.
29	37.	39.3	29.630	36.23	W ¹ / ₂ W	3	39.4	31.7	6 v.	K. KS.
30	31.8	36.3	29.801	31.23	SWbS	2 ¹ / ₂	40.3	27.6	6 v.	S. thick fog snow on ground
Mean	42.33	44.25	29.284				47.50	32.20		

1852	9 th Evening				Wind		Rain		
No ^o	E	A	Bar:	H ^g	Dir:	Force	Square	Round	
1	51.5	52.2	29.219	51.4 ³ 49.9 ³	SSW	7	0.115	0.196	b. w. qy. K.
2	50.	52.1	29.065	50.1 ³ 49.1 ³	SSW	5 ¹ / ₂	0.060	0.003	b. v. qy. K. K. S. N.
3	43.8	49.	29.376	43.2 ³ 42.2 ³	SWbW	3 ¹ / ₂	—	—	b. v. K. K. S. N ^y = 43.3 ³ 41.9 ³
4	47.	49.1	29.440	46.5 ³ 45.5 ³	SSW	2 ¹ / ₂	0.480	0.575	o. g. rain (a strongly colored halo round at 1 ¹ / ₂ N)
5	44.5	47.2	29.071	44.1 ³ 43.1 ³	SWbW	7 ¹ / ₂	0.876	0.900	o. g.
6	44	46.8	29.218	43.2 ³ 42.2 ³	E	1	0.053	0.055	o. g. light rain N
7	54.6	52.5	29.416	54.7 ³ 52.7 ³	SW	9	0.078	0.356	o. g. K. Bar: heaving.
8	48.2	51.1	29.948	48.1 ³ 46.5 ³	W	1	0.038	0.136	o. g. K.
9	46.1 ³	49.6	29.987	45.8 ³ 45.5 ³	ESE	0	0.047	0.036	o. g. K.
10	43.1	46.2	29.777	42.9 ³ 40.9 ³	EbN	2 ¹ / ₂	0.872	1.043	o. g. rain (wind & weather at 9 ¹ / ₂ N)
11	40.	43.1	29.384	40.4 ³ 38.1 ³	ESE	6	0.234	0.306	o. g. qy. K.
12	43.	44.	29.400	42.6 ³ 39.3 ³	EbN	6	0.035	0.056	o. v. qy. K. N light rain
13	42.	44.	29.207	41.6 ³ 41.1 ³	NbE	8.	0.987	1.264	o. g. qy. heavy rain
14	41.4	43.	29.037	40.1 ³ 43.2 ³	ESE	6	0.384	0.476	o. g. K.
15	43.4	44.	28.777	43.1 ³ 43.1 ³	NbE	1	0.090	0.088	a fog which seems luminous - (at 9 ¹ / ₂ N)
16	44.	45.	28.736	43.4 ³ 43.1 ³	NbE	1	0.004	0.007	o. v. K. S. larger stars visible
17	41.2	44.1	29.718	41.6 ³ 39.1 ³	NbE	5	0.395	0.478	o. v. K. S.
18	36.5	43.	29.271	38.9 ³ 36.1 ³	SWLS	4	—	—	b. vv.
19	40.5	43.6	29.164	40.1 ³ 39.5 ³	NbE	0	0.104	0.112	o. vv. K. S. S
20	40.2	42.1	29.152	39.7 ³ 39.4 ³	NbE	2	0.005	0.008	fog. the larger stars visible.
21	34.6	42.5	29.134	33.2 ³ 33.3 ³	SWLS	2	—	—	b. v. S round hor.
22	35.6	42.	29.264	34.2 ³ 34.5 ³	WbS	2 ¹ / ₂	0.002	0.002	b. vv. CS in E.
23	41.6	41.1	29.004	41.9 ³ 38.9 ³	NbE	4	—	—	o. vv. one uniform grey cloud.
24	35.8	41.8	29.638	34.9 ³ 34.9 ³	SEbS	1	—	—	fog. larger stars visible
25	43.5	41.	29.068	42.1 ³ 42.1 ³	ESE	8 ¹ / ₂	0.483	0.684	o. m. g. very heavy rain drops very large - no heaving of Barom.
26	40.	44.	29.160	39.5 ³ 38.5 ³	SW	5	0.023	0.030	b. vv. K. S. K. S.
27	39.3	44.1	29.325	38.8 ³ 38.1 ³	SW	6 ¹ / ₂	0.084	0.196	b. vv. K. K. S.
28	35.	40.3	29.313	34.2 ³ 33.5 ³	WbW	2	0.091	0.116	b. v. K.
29	30.1	40.2	29.788	29.1 ³ 29.1 ³	WbW	1 ¹ / ₂	—	—	b. vv. { K at hor. & stars all throughout sky - ground white with frost.
30	35.5	37.	29.587	35.7 ³ 32.1 ³	SEW	5	0.418	0.310	o. vv. K. S. S
all	41.87	44.86	29.322	41.87 39.73		Sum	5.658	7.536	
			29.322	39.73					

1852	9th Morning			Hyg.	Wind		Max T	Min T		
Dir.	E	A	Bar.		Dir.	Force				
7 1	46.3	41.8	29.520	46.13	SWbS	3	46.3	29.8	o. vv.	light rain {at 9 ^h 14 ^m except rain}
2	38.6	42.1	29.612	38.7	SW ¹ / ₂ W	4	48.6	37.7	b. v.	K. at horizon
3	37.8	39.6	29.781	37.9	SW	2	43.5	32.8	o. m.	S. KS in S
4	51.9	46.1	29.450	51.3	SW ¹ / ₂ W	4 1/2	52.3	37.1	o. m.	one uniform grey cloud -
5	47.1	46.1	29.527	46.3	SW ¹ / ₂ W	5 1/2	53.2	45.4	b. vv.	K.
6	44.1	46.1	29.378	44.1	SWbS	7	49.2	43.2	b. vv.	light rain. KS. Jr.
7	40	42.8	29.332	39.8	S	6	41.1	37.5	b. v.	hur. S in N + NW
8	38.1	43.3	28.993	38.0	S 1/2 E	2	47.1	37.5	b. v.	h. CS. KS
9	40.3	41.5	29.273	39.9	SW 1/2 S	1 1/2	41.1	34.5	b. v. h.	K. KS. (9 ^h 45 ^m)
10	46.1	46.3	28.960	45.6	SSW	6	51.6	39.2	b. v.	KS. S
11	49.3	48.1	29.000	48.7	SSW	3	51.8	45	o. g.	heavy rain
12	44.4	47.6	29.051	44.4	NNE	2+	54.1	44.4	o. g.	rain
13	34.9	42.6	29.344	33.4	N 6 b. N	1	45.1	31.7	b. v.	K. KS. CK.
14	40.1	42.1	28.922	39.3	NNE	3	40.1	32.1	o. m.	rain
15	42.3	43.1	28.673	42.3	N 1/2 W	0	43.2	39.1	fog.	
16	37.1	41.1	29.032	36.5	SWbS	1 1/4	43.5	36.1	b. v.	CS. KS
17	45.7	44.4	28.570	45.4	SSW	4 1/2	47.2	34.3	o. m.	KS.
18	36.4	39.7	29.935	36.4	S	3	47.5	30.1	o. vv.	one uniform grey cloud.
19	52.2	48.1	29.520	52.6	SSW 1/2 S	5 1/2	43.8	33.4	o. m.	rain
20	47.1	48.8	29.360	46.3	W 1/2 S	4	—	—	b. vv.	K. KS. CS. clearing up in W.
21	45.4	47.1	29.836	45.1	SW 1/2 W	3 1/2	54.3	44.1	b. v.	KS. S
22	44.8	46.1	29.548	44.8	E 1/2 S	6	47.1	42.1	o. m.	light rain
23	45.1	45.6	29.418	44.4	S 1/2 E	3	46.9	41.4	o. v.	KS. (at 9 ^h 35 ^m)
24	42.4	44.7	29.286	42.1	SSW	6	48.1	40.4	b. vv.	C. CS. S
25	39.9	43.2	29.232	39.3	SW	5	47.8	37.1	b. vv.	K. KS. S
26	39.3	41.3	29.212	38.9	SSW	4 1/2	43.5	37.3	o. v.	K. KS
27	44.1	45.5	28.160	44.1	W 1/2 W	7.1	50.9	38.4	o. m.	22. K. KS Bar: hearing one of the balls of anemometer blown away
28	36.5	40.2	29.194	36.1	SW 1/2 S	4.1	45.6	35.2	b. vv.	K. CK
29	47.6	44.1	28.884	47.6	SS 1/2	12	47.6	36.3	o. m. g.	heavy rain Bar: hearing
30	46.4	45.1	29.223	46.4	SW 1/2 W	9	51.5	44.4	b. vv. g.	K. CK
31	48.1	46.3	29.512	47.6	SSW	9	48.2	40.1	o. v. gg.	K. KS.
mean	43.17	44.18	29.249				47.03	37.62		
			7 1/2 38				47.38	37.89		
			29.250							

1852	6 th evening	Bar:	Wye:	Wind	Dir	Force	Rain	square	Round	
Dec 1	42.	43.1	29.568	41.7	SW	5	0.008	0.023	0.1 V.	K.K.S.
2	37.9	41.6	29.740	40.3	WbS	4	0.003	0.007	6: V.	KS: K
3	46.9	43.	29.550	37.2	S ¹ / ₂ W	5 ¹ / ₂	0.274	0.384	0: g.	rain
4	48.	46.7	29.517	46.3	SW ¹ / ₂ W	2	0.027	0.041	0: g.	occasional grey clouds
5	46.9	47.	29.402	46.1	S ¹ / ₂ E	5	0.008	0.026	0. V.	K.K.S.
6	42.1	45.	29.361	47.5	S ¹ / ₂ E	5	0.016	0.183	6: V.	g. Aurora in N. (9". 45)
7	46	45.5	29.137	46.5	S ¹ / ₂ E	8	0.380	0.424	6: g. g.	
8	37.3	42.9	29.120	45.5	W	2	0.157	0.161	6: V.	KS in NW. Aur in NW arch
9	49.6	45.	29.065	36.2	S	6 ¹ / ₂	0.140	0.239	0: g.	heavy rain
10	48.7	47.	28.921	49.1	S	9	0.304	0.833	0: g.	g. heavy rain. Bar: heaving
11	48.8	50.	28.996	48.2	S ¹ / ₂ W	7	0.372	0.538	0: g.	K.
12	39.8	45.	29.231	47.3	SW ¹ / ₂ N	2	frozen	frozen	6: V.	K.K.S.
13	38.8	42.3	29.200	39.	WbS	3	0.420	0.442	0. V.	KS
14	44.	43.	28.829	38.7	SSW	3	0.320	0.342	0. V.	KS.
15	40.5	43.4	28.833	37.1	WSW	3	0.120	0.120	6: V.	KS.
16	45.6	43.8	28.486	43.3	S	6 ¹ / ₂	0.067	0.088	0. V.	larger stars visible
17	40.7	42.2	29.500	40.	S	6 ¹ / ₂	0.386	0.534	6: V.	clearing with. KS.S.
18	46.	43.	29.604	45.2	N	3	0.011	0.061	0. V.	K.K.S.
19	51.4	46.3	29.467	44.4	S ¹ / ₂ E	10	0.198	0.420	0. VV. g.	K.K.S.
20	45.8	47.	29.724	45.8	SWbS	6	0.248	0.632	0. V.	K.K.S.
21	43.3	47.	29.734	44.8	WSW	4	0.043	0.068	0. V.	K.
22	42.7	45.	29.437	45.1	S ¹ / ₂ E	3	0.007	0.069	0. V.	KS
23	43.	44.6	29.320	45.3	S ¹ / ₂ E	3	0.431	0.543	6: m.	s.c.s round horizon
24	43.7	44.4	29.191	42.	S	6 ¹ / ₂	0.208	0.426	0. V. g.	rain
25	39.9	43.7	29.245	41.9	S ¹ / ₂ W	2 ³ / ₄	0.096	0.228	0. V.	K.K.S.
26	48.	45.2	28.496	42.2	SW ¹ / ₂ S	5 ¹ / ₂	0.015	0.045	0. VV.	KS.
27	38.2	43.3	28.962	42.8	S ¹ / ₂ E	10+	0.270	0.943	0. VV. g.	K Bar: heaving
28	36.7	41.5	29.402	38.1	SW	4?	0.023	0.150	6: VV.	K.CK coming up rapidly from S
29	47.1	46.1	28.868	36.7	SW ¹ / ₂ S	3 ¹ / ₂	0.148	0.386	6: VV.	at 1 PM: Anemometer Rep
30	40.9	44.6	29.572	36.3	SSW	10.	0.073	0.255	6: VV. g.	a violent storm all day
31	47.3	47.2	29.452	38.9	SSW	7	0.020	0.070	0. V.	KS.S. larger stars visible
				39.1	SW ¹ / ₂ W	8 ¹ / ₂	faintest foot of day into moonlight	6: VV. g.	coming up. KS in E	Bar: heaving
mean	42.83	44.76	29.255	44.8			4.918	8.681		

1852	Term Observations				Wind		Rain		
Dece	E	A	Bar	Hygr.	Dir	Force	Square	Globes	
21 st 6 Am	45,	46.7	29.818	44.5 ³ 44.2 ³	NW & W & S	3 ¹ / ₄	0.039	0.062	o. y. H.
7 Am	45	47.	29.817	44.9 ³ 44.6 ³	SW & S	9 ³ / ₄	—	—	o. y. H. a very light drizzle in S.E.
8 Am	45.2	46.8	29.828	45.1 ³ 44.6 ³	SW & W	9 ⁵ / ₄	0.004	0.006	o. y. H. H.S.
9 Am	45.4	47.	29.836	45.1 ³ 44.8 ³	SW & W	7 ³ / ₄	—	—	b. y. H.S.S
10 Am	45,	47.2	29.840	44.5 ³ 44.3 ³	SW	8 ⁵ / ₄	—	—	b. m. H. H.S. C.S.
11 Am	45.1	47.2	29.839	44.5 ³ 44.6 ³	SW	7 ⁹ / ₄	—	—	b. y. H.S.
Noon	45, 3	47.1	29.836	45.1 ³ 44.3 ³	SW	6 ⁴ / ₄	—	—	b. y. H.S.
1 Pm	46,	47,	29.828	45.5 ³ 45.1 ³	SW	7 ¹ / ₄	—	—	b. m. H.S.
2 Pm	46,	47,	29.818	45.6 ³ 45.1 ³	SW	18 ⁴ / ₄	—	—	o. y. H. H.S.
3 Pm	45.1	47.1	29.811	44.9 ³ 44.4 ³	SW	16 ⁸ / ₄	—	—	o. m. a uniform dark grey cloud
4 Pm	45,	46.9	29.806	44.6 ³ 44.1 ³	SW	10 ⁰ / ₄	—	—	o. m. H. H.S.
5 Pm	44.7	46.9	29.795	44.3 ³ 43.9 ³	SW	∞	—	—	b. m. H.S. clearing gently
6 Pm	43.3	46.8	29.780	43.1 ³ 42.9 ³	W & N	62 ⁸ / ₄	—	—	b. m. C. H.S. C.S.
7 Pm	43.	46.6	29.768	42.6 ³ 42.3 ³	W & N	13 ⁰ / ₄	—	—	b. m. H.S. C.S.
8 Pm	43.6	46.8	29.755	43.4 ³ 42.9 ³	SE & E	39 ⁰ / ₄	—	—	o. m. a uniform grey cloud
9 Pm	43.3	47,	29.734	42.5 ³ 42.1 ³	SE & E	∞	—	—	o. m. H.S.
10 Pm	42.3	47,	29.704	42.5 ³ 42.1 ³	SE & E	7 ⁸ / ₄	—	—	o. m. a uniform grey cloud - ^{visible} fragments of D
11 Pm	43.1	47.1	29.692	43.1 ³ 42.4 ³	SE & E	15 ⁰ / ₄	—	—	o. m. ^{do} but thicker
12 Pm	43.5	47.3	29.667	43.3 ³ 42.5 ³	SE & E	8 ⁶ / ₄	0.006	0.010	o. m. rain
22 nd 6 Am	44.1	47.2	29.643	44.1 ³ 43.3 ³	SE & E	8 ³ / ₄	0.007	0.008	o. m. rain
7 Am	44.6	47,	29.624	44.3 ³ 43.6 ³	SE & E	18 ¹ / ₄	0.001	0.001	o. y. light rain. H.S.
8 Am	44.6	47,	29.601	44.2 ³ 43.7 ³	SE & E	11 ⁸ / ₄	0.007	0.007	o. y. ^{do} H. H.S.
9 Am	45,	47,	29.583	44.6 ³ 44.1 ³	SE & E	12 ³ / ₄	0.003	0.004	o. y. rain
10 Am	43.7	47	29.571	43.5 ³ 43.1 ³	E & E	5 ⁹ / ₄	0.023	0.027	o. y. rain
11 Am	43.9	46.8	29.556	43.6 ³ 42.9 ³	E	4 ² / ₄	0.006	0.006	o. y. rain

Summary 1852	Morning			Evening			Rain		Vapour tension	Wind		Thermometer	
	H	A	Bar	H	A	Bar	□	○		Force	Direction	Max	Min
Jan ^y	39.54 [*]	40.70	29.380	36.50	41.49	29.315	3.010	7.807				31-51.3	9-25.00
Feb ^y	40.24	41.35	29.837	39.96	42.42	29.820	2.325	5.719				1-53.8	23-26.8
March	41.66 [*]	42.43	29.990	41.00	44.12	30.005	leather	1.279				22-57.2	2-28.0
April	49.61	48.15	29.884	46.72	51.40	29.908	29	1.445				16-67.5	5-31.6
May	53.73	53.21	29.734	50.38	55.09	29.740	1.658	2.176				26-68.6	3-39.0
June	56.50	55.91	29.403	52.94	57.06	29.443	5.307	5.659				29-66.6	1-39.1
July	63.78	62.89	29.808	60.50	65.23	29.808	1.884	1.698				30-76.6	3-50.6
Aug ^t	61.14	61.55	29.554	56.92	61.90	29.556	3.050	2.873				1-74.6	15-49
Sept ^r	58.09	55.62	29.754	57.35	57.08	29.766	1.726	1.814				9-68.6	28-36.5
Oct ^r	47.30	48.37	29.661	46.06	49.24	29.652	2.427	2.583				19-58.4	4-37.1
Nov ^r	42.33	44.25	29.300	41.87	44.86	29.336	5.658	7.536				8-57.7	25-30.0
Dec ^r	43.17	44.18	29.265	42.83	44.76	29.269	4.918	8.681				12-54.0	1-29.8
Summer	55.42		29.654	53.01		29.661	16.052	16.783					
Winter	42.75		29.607	41.43		29.606	17.635	32.467					
Year	49.12		29.630	47.27		29.633	33.687	49.250					

	Rain Days
Jan ^y	28
Feb ^y	23
March	14
April	7
May	17
June	26
July	14
Aug ^t	19
Sept ^r	17
Oct ^r	15
Nov ^r	24
Dec ^r	31
	235

Mean Temperature of Year = 48.20
 Max ————— July 30 = 76.6
 Min ————— Jan^y 9 = 25.0

Mean Barometer ————— Inches = 29.632
 Max ————— March 6 = 30.604
 Min ————— Dec^r. 27 = 28.160

Rain on an English Square Mile
 = 713.058.956 Gallons

Summary Morning			Evening			Rain		Vapour	Wind		Thermometer		
1852	E	A	Bar	E	A	Bar	□	○	tenion	Force	Direction	Max	Min
Jan ^y .	39.54	40.70	29.354	36.50	41.49	29.292	3.010	7.807	7.907			31-57.3	9-25.0
Feb ^y	40.24	41.35	29.816	39.96	42.42	29.799	2.325	5.719				1-53.8	23-26.8
March	41.66	42.43	29.970	41.00	44.12	29.989	Leak	1.279				22-57.2	2-28.0
April	49.61	48.15	29.879	46.72	51.40	29.911	do.	1.445				16-67.5	5-31.6
May	53.73	53.21	29.742	50.38	55.09	29.753	1.658	2.176	2.175			26-68.6	3-39.0
June	56.50	55.91	29.419	52.94	57.06	29.461	5.307	5.659				29-66.6	1-39.1
July	63.78	62.89	29.841	60.50	65.23	29.848	1.884	1.698				30-76.6	3-50.6
Aug ^t	61.14	61.55	29.584	56.92	61.90	29.588	3.050	2.873				1-74.6	15-49.
Sept ^r	50.09	55.62	29.769	51.35	57.08	29.785	1.726	1.814				9-68.6	28-36.5
Oct ^r	47.30	48.37	29.656	46.06	49.24	29.649	2.427	2.563				19-58.4	4-37.1
Nov ^r	42.33	44.26	29.284	41.87	44.86	29.322	5.658	7.536				8-57.7	25-30.0
Dec ^r	43.17	44.18	29.249	42.83	44.76	29.265	4.918	8.681	8.911			12-54.0	1-29.8
Summer	55.42		29.668				16.052	16.783					
Winter	42.75		29.590				17.635	32.467					
Year	49.12			47.25			33.687	49.269					
	49.51							49.349	49.519				

For Summary of 1852 See opposite March term day in 1852
the Barometer above has not been reduced to 50°

Rain on 240 days