

1844	Morning			22 Hours			Rain	Rain		Remarks
January	E	A	Bar	Hyg	Wind	Time	DI	O	mm	
1	30	36	29.560	29.23	---	0	---	---		Bright
2	32.2	35.9	29.564	29.23	Sly W	2	---	---		B with Cumulostratus
3	41.8	40.1	29.412	30.73		0	0.1190	0.1740		dfo
4	50.4	44.4	29.044	41.53	SW	7	0.2280	0.5050		bc
5	44.5	44.8	28.850	50.43	W	1	0.0100	0.0320		o
6	37	41.7	29.370	45.53	W	2	0.0090	0.0155		bc m
7	35.3	43.4	29.780	44.33	W	1				bc m
8	43.2	42.5	29.810	36.23	Sly E	9	0.1480	0.3420		oeq + Heaving
9	39.7	42.3	30.070	35.33	SW	4	0.2920	0.4600		bc
10	40.4	43	30.188	40.43	SW	1				bc m
11	46.	44.9	29.934	40.43	W	1	0.0540	0.1210		o
12	41	41.6	30.106	46.33	NW	2				bc m
13	38	39.6	30.296	41.33		0				bc
14	32	36.6	30.244	38.53	SSW	1				bc m
15	38	39	30.200	32.33		0				om
16	42.7	40.2	30.200	37.43	W	1	0.0150	0.0300		o
17	43	41.2	30.125	42.93	SW	2				o Cumulostratus
18	43.1	42	29.885	22.83	W	3	0.0175	0.0580		o
19	43.2	42.5	29.980	43.13	W by N	1	0.0550	0.1230		o
20	43.5	43	29.895	22.73	W	1	0.0100	0.0160		o
21	35.9	40.5	29.772	44.83	---	0		0.0070		Fog
22	35	39	29.950	22.83	---	0				Fog
23	34.8	35.8	29.963	35.13	---	0				
24	45	41.3	29.913	34.63	SW	6	0.0100	0.0245		om
25	42.5	41	30.208	32.53	SW	1				om
26	47	43	30.058	40.73	SW	5				o, h
27	43.7	46	29.748	42.33	W	7				bc m
28	45.7	44	29.605	43.73	SW	7	0.0540	0.3065		om
29	43.7	43.3	29.650	40.33	W	6				bc m
30	37.2	39.4	29.760	43.73	WNW	7	0.1710	0.4170		bc m
31	36.5	39.8	29.910	33.33	SW	1		0.0060		bc m
	40.84	41.28	29.839	"	"	79	0.0380	0.0851		
	40.39						2.1780	2.6362		345

1844	Evening			10 th	Wind		Morning		Time	
January	E	A	Bar	Hug	Dir	Force	Max	Min		
1	30.5	38.5	29.311	28.83	WbyN	1	34.5	27.5	Fog	Bright Halo round D
2	28.0	35.2	29.631	27.83	WVW	1	30.7	27	Fog	halo
3	43.	38.9	29.198	26.83	S	5	43	32	bc	
4	50.	43.	29.234	42.3	SSW	6	51	41	oc	
5	47.2	46.	28.814	46.97	SSW	6	52	41	cs	
6	39.8	43.7	29.196	45.83	WSW	4	47	33	c	
7	35.	40.2	29.546	35.23	SW	2	42	30.7	bm	
8	37.	41.	29.906	36.23	E	1	43.5	33.	o	
9	41.	44.	29.884	41.3	SW	1	49.6	38	bc	
10	43.	45.1	30.192	43.2	WSW	2	45.7	38.5	o	
11	44.7	43.9	30.025	43.3	S	3	47.	40.	o	
12	37.4	43.	30.012	37.43		0	47.	37	b	
13	38.1	42.4	30.133	38.3	NW	1	42.5	31	b	
14	30.	37.6	30.274	37.33		0	39.	31	bm	
15	34.4	39	30.238	34.33	S	1	38.	32	bm	
16	41.	39.9	30.155	41.3	WbyN	1	42.5	36.8	o	
17	43.4	41	30.174	41.93	NWbyW	3	46.7	39	o	
18	43.9	42	29.970	43.83	W½S	4	46.6	41.1	o	
19	44.	43.	29.937	43.73	W.N.W	4	45.1	41	o	with some faint spires
20	43.5	43	29.893	43.5	W	2	45.2	41.2	o	
21	39.4	42.1	29.786	39.23	--	0	46	33.5	o	
22	37.5	41.2	29.884	37.53	--	0	39.2	32	Fog	
23	32.9	38.5	29.978	32.23	--	0	38.	29.9	Clear	
24	41.	40.2	30.000	41.93	SW	2	45.	33	o	
25	39.9	42.8	30.136	40.43	W	3	49.	39	BVC	
26	43.6	43.7	30.194	43.6	SW	3	47.	41.7	o	
27	47.3	45	29.862	47.33	SW	5	51.	42	ov u	
28	41.8	43.3	29.777	41.73	WbyS	3	48.	40.5	bcv	
29	43.5	45.8	29.508	43.53	W	9	52.4	41	bcv	Heaving
30	35.	41	29.620	35.53	WbyN	9	44.	31	bcps	Hearing
31	37.	40.4	29.868	37.53	NW	3	40.5	32.5	ov	
Averages	39.800	41.726	29.818	"	"	35	44.26	"	"	
								35.74		

1844

Morning 22 Hours Wind

Rain

Feby

E

A

Bar

Hygr

Force

Quarter

Square

Globe

Weather

1	37.3	39.4	29.466	37.3 3	5	NW	0.2220	0.8371	b m u	.3371?
2	34.1	37.5	29.968	37.1 3	1	SW			b m	
3	39	39.	29.525	37.3 3	4	NW by W	0.1660	0.4200	b m	Cirrus cumulus
4	37	39.7	29.325	37.3 3	1	W			b m	Stratus
5	35.5	38.	29.350	37.5 3	1	SW			b m	Cirrus cumulus
6	37.	38.8	28.976	37.5 3	6	WSW	0.0080	0.0300	b c v	Cirrus stratus
7	34.	39.	29.000	37.5 3	6	WSW			b c v	Stratus; a small group of
8	37.	36.	29.073	37.5 3	1	NW			b m	Spots on ☉
9	34.	36.1	29.542	37.7 3	2	NW			o s u	Stratus
10	36.	36.2	29.872	37.7 3	3	NNW	0.0350	0.1300	b c p s	St. cum St.
11	43	39.	29.744	40.4 3	3	NW	0.0060	0.0760	b c m	St. bi St.
12	40	40.	29.834	40.8 3	3	SSW			b c m	St. St. cir
13	46	43.	29.690	41.5 3	3	S			o v	St
14	42.3	46.	29.641	42.3 3	1	W by N	0.0160	0.0620	b c v	St. bi cum St. bi
15	40.3	41.	29.976	42.3 3	4	WSW			b c m	St. St. cum St.
16	42	42.	29.764	42.7 3	2	SW			b c m	St. bi. cum St. bi.
17	46	44.7	29.325	43.4 3	5	SW	0.0465	0.0720	b c m	St. bi, St. cum
18	38.3	41.7	29.220	43.7 3	8	N	0.0820	0.0820	b c v	St. St. cum 1/2 Heaving
19	33	37.	29.717	43.7 3	1	W			b c v	St. St.
20	33	37.4	29.150	43.7 3	4	NE			o s	St. N
21	30	31	29.410	43.7 3	1	NE by N			b c m	St.
22	33.5	34	29.211	43.7 3	6	SSW			o s	1/2 Heaving
23	35.5	36.5	28.976	43.7 3	3	SSW	0.3100	0.4730	b c m	St. bi
24	37	38	28.900	43.7 3	2	SW	0.2180	0.3850	b c m	St. bi. Gale in the night
25	33	37.5	28.628	43.7 3	6	NE by N	0.1175	0.1725	o s	
26	33	33.2	28.341	43.7 3	2	WSW			b c v	St.
27	37.3	37	29.218	43.7 3	6	WSW	0.0300	0.0950	o s v	St.
28	41	39	29.280	43.7 3	2	S	0.0400	0.0560	b c m	St. St.
29	40.5	40.4	28.746	43.7 3	7	SW by W	0.0940	0.2490	o s	Stratus B. Heaving

37.434 38.540 29.319

101

0.0480 0.1117

2.6396

4.00

1844		Evening 10 Hours					Thermobar			
Feby	F	A	Bar	Hgzt	Force	Quarter	Max	Min	Weather	
2	1 37.5	40	29.548	37.53	3	WSW	42	33	om	
	2 34	37.8	29.764	37.43	5	N	40	30	bcr	
	3 36	40	29.724	36.53	3	sky W	39.5	30.8	oz	
①	4 35.5	40	29.466	35.53	2	SW by W	42	32	bcr	
	5 35.6	39.8	29.413	34.53	3	W	42	32	bcr	Stratus
	6 39.5	39.4	29.020	32.53	6	S	42	32.5	ovr	B. Heavy
	7 31.4	38.8	28.936	31.3	5	SW	39	30	BCS	
	8 32	37	28.950	32.43	5	WSW	39	29.8	bv	Snow showers during the day
	9 35	37.5	29.428	32.43	4	N by E	40.2	30.3	bv	
	10 34.5	37	29.768	32.53	1	N	39.5	30.5	bv	
①	11 33.4	38	29.896	33.43	1	SW	43	30.7	bcr	
	12 40	39	29.825	40.3	0		46	36	om	Str
	13 43.6	42	29.772	43.63	5	SSW	46	39.5	ov	Str
	14 46.5	45	29.458	46.53	7	S	51	41	ovr	Str
	15 36	41	29.895	36.3	4	WSW	47	33	bv	Heavy
	16 38	44.6	29.950	38.3	4	WSW	46.7	36.4	bv	
	17 44	43	29.658	44.13	5	sky W	46.5	41.4	ov	Str
①	18 41.3	44	29.129	41.33	5	SW	50.6	37.5	ovr	Str. Virm
	19 32	40	29.618	32.53	1	N	40	27	bv	
	20 31	36.2	29.520	31.3	0		36	30	bcr	
	21 32	37.4	29.116	32.53	3	ENE	32	25	ov	
	22 26.5	32.6	29.564	26.53	0		33.5	25	bv	3 small spots on ① 1 st limb & 1 large one on the 2 nd limb
	23 33	36	28.772	33.3	2	SSW	35.5	29.5	of	
	24 31	37	29.358	31.53	1	S	39	30	bcr	The spots still remain, but considerably enlarged.
①	25 37	40	28.556	37.3	3	SSW	45	31	ovr	
	26 29	34.7	29.220	29.23	3	ENE	32	24	bv	
	27 35.2	38.7	29.382	35.23	5	WSW	40	30	bcr	fr. Str
	28 36	39.6	29.218	36.3	4	WSW	43	31.4	ov	Str
	29 44.3	41.6	28.746	44.33	8	WSW	46	32.8	ov	Hail showers at 4
	35.959	39.162	29.400.	"	98	"	"	"	"	"
							41.5	31.8		

Month	E	A	Bar	Hyge	Winds from	Land	Squm	Row	Weather	
1	35.5	39	28.917	38.53	7	SW	0.1060	0.3990	bcv	Stratus
2	42.6	40.5	28.823	42.73	6	W by S	0.0180	0.3150	bcv	St. Cum
3	37	39.4	29.290	37.3	1	N-E	0.0930	0.1450	oz	N
4	34.7	38.1	29.683	34.73	1	S			bcm	Cum Str
5	36.5	39	29.764	36.53	2	N-E		0.0190	bcv	Str
6	39	38.5	30.028	38.53	1	S-E	0.0500	0.0600	ov	Str
7	45	41.3	29.736	45.3	7	S	0.0635	0.1740	oz	
8	47.5	46.7	29.550	47.53	7	W by S	0.0340	0.3200	bcm	St. Cum, N
9	42.2	42.7	29.672	42.23	1	W	0.0220	0.0415	bcv	St. Cum
10	45	46	29.158	45.83	4	WSW	0.1330	0.5650	ozv	Str, N
11	41	43	29.376	41.33	10	W	0.0370	0.2630	bcmg	St. Cum B Heaving
12	41	42.3	29.877	41.33	2	WNW			bcm	St. Cl Str
13	45.5	44	29.528	45.53	4	S-E	0.0220	0.0275	ozm	Str
14	40	42	29.230	40.53	1	SW	0.0530	0.0900	bcm	St. St Cum
15	37	39.2	29.554	37.33	9	NE	0.0190	0.0510	bcv	Cum. St Cum
16	36	38	29.994	36.33	5	NE			bcv	Cum. St Cum
17	38	37.8	30.042	38.53	2	NE-N			bcv	Str
18	43	41.7	30.000	43.33	2	WNW			ov	Str
19	46	42	29.538	46.23	5	NW-N	0.0260	0.0910	bcv	Cum B Heaving
20	42.8	42.7	29.824	42.73	3	SW			bcm	Str
21	46.6	44.9	29.346	46.63	3	W	0.0070	0.0730	bcv	Cum. St Cum
22	43	43.7	29.506	43.33	2	NW	0.0690	0.0690	bcv	Cum. Cum, Mail Sat 2 nd
23	43.5	44.7	29.154	43.53	4	WSW	0.0335	0.1260	bcv	N. St Cum
24	48	44.7	29.065	48.43	6	SSW	0.0030	0.0110	omd	
25	50	45.7	29.464	50.23	4	SW by S	0.0210	0.2000	om	St.
26	53.6	49	29.572	53.53	5	SW		0.0160	bcm	St. St Cum
27	49.2	46.2	30.144	49.23	2	S	0.0020	0.0240		Cumulostratus
28	52	49.8	30.292	52.13	2	S by W			ov	Tram of Cum
29	42	46.2	30.269	42.33	1	NE		0.0095	mit	
30	49	48.5	30.024	48.53	2	ESE				
31	53.8	50.7	29.940	53.73	4	SW				Cumuli
	43.576	43.194	29.620	"	115	"	0.812	0.996		
								2.8884	3.0875	

1844		Evening 10 ^h					Therm		Weather		
Month		E	A	Bar	Hyp	Wind Force	Direction	Max	Min		
♀	1	34.7	39.2	28.900	34.7	6	SW	43	31	bcr	
	2	36.8	38.2	28.760	33.3	8	SW	42.3	34.8		
⊙	3	40	40.7	29.108	36.1	1	WSW	42.5	34.5	ozv	St
	4	33	38	29.607	39.7	2	N	42.7	28		
	5	30	37.4	29.590	33.3	0		37	27	b m	
	6	33.5	37.7	29.957	32.7	0		41	29.5	bcr	St. Gi
	7	37.9	38.8	29.944	31.3	5	S	45	37	ozv	St
	8	50.3	44.7	29.585	36.2	7	SW	51.5	44	ozv	
	9	42.1	46	29.712	38.3	3	WSW	49.5	36	ov	
⊙	10	45.7	46	29.450	42.7	7	SWbW	47.5	41.5	ozv	
	11	38	42.6	29.241	40.7	9	W	46.5	31.5	ovsg	B hearing
	12	35	40.8	29.786	45.6	1	W	48.3	32	bv	
	13	41.9	43	29.764	41.2	0		46.5	40.5	ov	St
	14	41.1	44	29.274	41.2	3	SSW	48	31	bcr	St
	15	35.6	41	29.367	40.5	6	NE	44	32	ozm	
	16	35	36.7	29.780	34.2	9	NE	38	31.5	ov	
⊙	17	31.3	37	30.014	30.8	1	N	39	27.5	bv	
	18	37	42	30.057	28.2	0		43.5	36.8	ov	St a large spot nearly 3 in diameter on 1 st limb
	19	37.3	42.7	29.737	37.5	4	WSW	46.4	39	bcr	Spot still continued
	20	35	42.8	29.822	32.3	0		50	31	b m	
	21	41	44	29.578	33.4	5	SWbW	49	39	ov	St
	22	36.3	43.7	29.406	37.3	0		47	31.7	bcr	St. St
	23	41	44	29.204	35.2	6	SW	50	39.5	ovg	Hab
⊙	24	41	43.7	29.297	41.3	3	SWbW	48	40.4	ov	B hearing
	25	45.8	45.2	29.324	39.4	3	W	51.4	42.4	BCV	
	26	51	48.2	29.400	44.3	3	SE	54	46	ovg	
	27	39.8	46	29.980	29.9	2	SE	54.2	36.8	clear	
	28	50	49.8	30.210	38.3	4	SE	58.1	42	0	Carry from WSW Oroscurm...
	29	44.4	51	30.265	28.13	0		57.2	35.3		Must ad Oroscurm...
	30	43	48.5	30.155	44	1	N	53	39	clear	
⊙	31	48.4	49.8	29.885	41.9	2	SE	54.8	46	0	
		59.803	43.013	29.618		101	"	"	"	"	
								47.4	35.9		

April

Morning 22 Hours

Rain

[illegible]

1844 April	Evening 10 hours						Thermometer		Locality	
	E	A	Bar	Hyg	Wind		Max	Min		
					Force	Direction				
D 1	48.6	51.7	29.904	48.12	1	SW	60.1	45.2	0.6	Cumulus
2	44.2	49	29.810	43.83	3	SW	52.4	41	0 v	
3	41.9	47	29.464	41.63	6	SW	51	39	0 v	St
4	45.5	48	29.296	45.13	7	SE	50.3	40	0 or v	
5	40.5	47	29.546	40.43	1	NE	50	40.5	bcv	St
6	40.7	48.7	29.890	40.53	0		52.5	36.8	bm	
7	50.1	49.8	30.000	50.13	4	S	56	48.3	0 v	St
8	53.4	51.6	30.196	53.53	4	S	57	51	bcv	St Cum
9	49.7	53	30.222	49.72	2	SSW	63	43	bv	
10	45.5	51	29.700	45.53	6	SW	59	42	bcv	
11	42	48.7	29.800	42.33	3	WNW	54.3	40.4	bv	
12	45.7	49	29.444	45.73	5	WN	57	43	0 v p	
13	47	50	29.560	47.43	2	WN	55	45	0 v	
14	50.3	51.4	29.688	50.43	6	WSW	60	49.8	0 m	
15	40.7	49.4	29.846	40.72	1	SW	59.4	39.8	bm	
16	47.5	50.8	29.946	47.23	3	SSW	56.2	43.8	c	
17	43.8	51.9	29.884	43.83	2	SW by W	60.0	39.2	c	Bright Aurora with streamer
18	47.8	51.8	30.129	47.13	3	W by S	57.5	46.1	0	
19	52	53.8	30.154	51.43	3	W by S	63.3	50.1	0	
20	47.9	53	30.120	47.63	0	- - -	60.6	43.9	0 d	
21	47	51	29.970	46.93	-	- - -	51.2	45.1	r. g.	
22	43.8	50.2	30.085	43.83	2	W by S	56	42.1	b	
23	48.8	51.5	29.760	48.83	6	WSW	59.2	42.8	0 d	3 very large spots on ☉
24	47.5	53	29.950	47.33	1	SW	57.5	45.7	bc	
25	50	52.5	29.818	49.33	1	SW	57.6	46.5	bc m	St
26	40.7	50	30.082	40.73	1	SW	53.7	38.5	bc	
27	44.1	51.2	30.188	44.13	0	- - -	57	37.7	bm	
28	45	52.2	30.136	45.23	0	- - -	60	38	bm	
29	48.9	54.2	30.071	48.93	0	- - -	61.3	43	bm	bi
30	48	54.2	30.167	48.33	0	- - -	60	43	bm	
	46.29	50.89	29.888	"	73	"	"	"	"	
							56.9	43.0		

1844

Morning

22 Hours

May	E	A	Bar	H _{yg}	Wind		Rain		Weather	
					Force	Quarter	Square	Round		
1	64.3	57.8	30.304	64.83	0		0	0	b m	
2	58.1	58.7	30.178	58.13	5	ENE			b m	
3	55.1	56.7	30.178	55.13	4	EBS			b v	S. Cir
4	59	56.3	30.016	58.3	0				b v	St. Cum
5	63.6	60.3	29.712	63.53	2	SSW			b m	St. St. Cum
6	53-7	55.6	29.724	53.53	0	NW	0	0	b c	
7	57	55.8	29.800	56.33	5	S			b m	Cum. Ci
8	56.2	57.1	29.766	56.23	2	SW	0.0370	0.0380	0 v	St
9	52	53.7	29.914	52.43	5	NW	0.0270	0.0320	b v	Cum
10	56.8	55.9	29.990	56.93	1	N.N.W			b. c. v	Cum. Cirrus
11	59.4	56	30.100	59.43	2	NW & N			b m	Cum. Cir. Cir St
12	57.4	57	30.284	57.43	2	W & N			b v	Cum. Ci
13	58-5	58.8	30.305	58.53	0	E & N			o b c	
14	54.8	54-	30.323	54.53	1	E & N			b m	
15	49.9	54.2	30.036	49.53	4	W & N		0.0020	0 m	
16	47.5	51.1	30.036	47.53	7	N			b v	Cum
17	47	50	30.016	47.23	6	N			b v	St. St. Cum
18	49	49.7	30.136	49.3	2	E			b v	St. Cum. Cum
19	52.6	51.4	30.100	52.63	3	N			b v	Cum -
20	58-	54-	30.034	58.53	5	NE			b v	Cir. Ci St
21	61.3	56.	30.150	61.33	6	NE			b m	
22	62.4	57.	30.136	62.63	3	NE			b m	
23	60	60.	30.016	60.3	3	E & N			b m	St. St.
24	58.5	59.	30.060	58.33	3	E			b v	
25	55	57.5	30.254	55.23	2	NNE			b v	
26	55	57.	30.100	55.23	4	NNE			b. m. c	
27	57	56.9	30.082	57.43	3	NNE			b m	hale 1
28	52.8	55.6	29.920	52.73	1	E & N			0	
29	55.1	57.-	30.002	55.23	2	NNE			0	
30	61.1	57.4	29.980	61.43	3	NW			b	
31	57-	58-	29.950	56.43	2	NE			b m. c	
	56.10	56.00	30.055	"	85	"	0.062	0.0420	"	"
	56.29									

May 31 I had written the evening on the morning and therefore had written out

1844	Evening			10 Hours		Thermometer		Weather		
May	E	A	Bar	Hygr	Wind Force Quarter	Max	Min			
1	50.5	57.	30.290	50.53 46.73	0		65.7	48.1	bcm	
2	54.	59.	30.210	54.43 51.43	0		72	51	bcm	
3	48.4	51.4	30.150	48.23 46.23	2	NNE	61.5	45	ov	
4	49	55.	30.104	48.33 45.33	2	E	60	43	bv	
5	52.8	59.1	29.868	52.83 49.63	0		67.1	47.3	bv	
6	47.5	57.2	29.722	46.63 44.63	0		63.4	41.8	bcm	S Sat 2 ^h
7	46.4	56.1	29.810	46.63 45.63	0		62	42.5	bcm	
8	52.7	56.9	29.776	52.63 49.63	4	S	61.7	50.9	bv	a large Spot on 1 st Lumb
9	48.	56.2	29.876	47.3 44.3	1	NW	59	41	bv	
10	45.7	53.8	29.962	45.3 43.3	1	N	57.2	45	b m	
11	50.1	57.8	30.028	50.23 47.23	0		64.3	43	bcm	
12	54.	57.	30.227	54.3 51.3	0		66.5	47.7	bv	
13	55.	60.	30.284	55.33 52.33	1	W	67.9	53.7	ov	
14	45.3	56.5	30.335	44.63 42.3	1	W	65.4	42	bv m	
15	47.	58.	30.222	47.13 46.13	3	W	65.8	41.4		
16	49.8	56.	29.988	49.93 47.63	1	NW	60.5	42	ov	
17	39.6	49.7	30.028	39.63 37.73	5	N	49	34.2	bv	St. S
18	39.	50.	30.126	38.83 35.83	2	NE-N	51.6	32.6	bv	
19	42.	51.7	30.125	41.23 38.23	1	N-E	56	34.3	bv	
20	46.4	54.	30.075	46.43 43.3	1	N	61	42.6	bcm	Spot on 1 st Lumb
21	54.4	56	30.145	54.33 48.73	6	NE	65.5	49	bv	
22	53.4	59	30.185	53.43 50.43	0		69.7	48.6	b m	At 3 ^h Hygr 68.53
23	54.4	59.9	30.057	54.43 52.3	1	NE	70.6	48	b m	at 3.5 68.6
24	53.5	60.	29.985	53.53 49.53	3	NE	67.6	46	bcm	at 1 ^h 55 - 65.63
25	52.1	58	30.120	52.13 48.43	2	E by N	66	44	b m	
26	47.8	56.8	30.273	47.83 43.23	4	N	64.	41.5	b m	at 2.15 = 63.63
27	51.	59	30.189	51.33 47.83	5	N	58.5	43.9		hale round at 11 ^h p.m. wind from W by S
28	52.1	60	29.966	52.13 49.93	1	E	65.2	43.8	b m	
29	49.5	59	29.928	49.53 47.73	2	E by N	60.6	44.9	b m	
30	49.2	58	30.021	49.23 45.43	6	NNE	62	44.6	cu	
31	51.2	57	29.980	51.23 48.23	0		67.2	47.8	b m	
	44.51	56.61	30.066	"	"	"	"	"	"	"
							63.0	44.2		

1844

Morning

June	E	A	Bar	Hygr.	Wind		Rain		Weather
					Force	Quarter	Square	Round	
1	58	58	29.920	58.6	1	N			ov
2	58.7	58	29.928	58.4	1	NE by N			c b m
3	62.3	57.9	29.877	58.9	1	SSW			c b v
4	59.9	61	29.464	60.6	6	SSE	0.0220	0.0367	ov
5	64.6	60.9	29.384	62.8	1	SBW	0.0399	0.479	c. v
6	58.3	60.7	29.313	58.2	6	SE	0.2486	0.3993	c. r m
7	64.2	61.1	29.720	64.3	4	SBW	0.3830	0.4220	b. c
8	62.7	59	29.650	62.7	6	SSW	0.1110	0.1920	b. c v p
9	58.5	60	29.785	54.3	7	SW by W	0.0390	0.0670	c. b
10	63	60	29.940	62.4	5	SW			o. v
11	60.3	57	29.871	60.3	4	S	0.0360	0.0820	o
12	64	61.8	29.541	65.4	10	SBW	0.0215	0.1000	b. m
13	58.5	58	29.792	58.5	9	W		0.0210	o m
14	55.2	57.1	29.918	58.6	6	W by N		0.0040	b. c. p
15	54.5	56.9	29.868	58.3	4	SW	0.3140	0.3150	c. r
16	54.5	56.9	29.868	58.3	4	SE	0.3110	0.3150	c. r
17	54.8	56.4	29.678	54.8	5	N	0.5980	0.6000	ov
18	55	54.6	29.872	58.2	5	NW	0.0350	0.0230	b. c v
19	56	56	29.656	58.6	0		0.1905	0.1850	r
20	62.2	58.2	29.590	62.2	5	SW	0.2240	0.2720	b. c v
21	61.3	59.4	29.450	61.3	6	SSW	0.4570	0.4020	b. c v
22	62.5	59.7	29.468	62.5	6	SE	0.1425	0.1580	o m d
23	61	60	29.428	61.3	6	SSE	0.0190	0.0180	o r m
24	65	59.9	29.552	65.4	4	ENE		0.0025	b. c m
25	56.7	58.8	29.672	58.2	3	ENE			b. c
26	59.7	57.8	29.763	59.8	4	N			o. v
27	56.9	56.3	29.896	57.4	4	W by S			b. c m
28	55.2	58.4	29.991	55.3	1	N			ov
29	55.2	56.6	29.850	55.2	2	NE			ov
30	58.2	57.4	29.755	58.4	3	NNW			ov
	59.13	58.46	29.715	"	125	"	2.887	4.498	"
	59.29								

Slight thunder at 5¹/₂ PM

Thunder at 3 PM & heavy rain.

Cumulus

Cumulus

D^o

Cumulus - Bar. heaving

St. Cumulus

Cumulus, St. Cumulus

St. Cumulus

St. N

St. St. Cumulus

Cumulus, St. Cumulus

St. Lat 2^h

St. N

St. N

St. N

St. N

St. N

St. N

St. N

St. N

St. N

St. N

St. N

St. N

St. N

St. N

1844.	Evening			10 Hour		Thermometer		Weather	
Jan	E	A	Bar	Hygr	Force	Quarter	Max	Min	
1	57 -	59.9	29.921	50.83	3	NNE	65.2	51 -	0
2	50.7	58 -	29.920	50.43	1	NNE	61.6	50.9	0
3	53.5	58 -	29.910	53.83	1	SE	67.8	48.6	v.m
4	56.4	61 -	29.920	56.43	2	SE	69.1	52.8	0. r
5	56.8	60.8	29.964	57.23	4	S	65.1	52.2	0. r
6	58.4	60. -	29.472	58.43	1	S	67.9	54.2	0. r
7	55.8	59.7	29.566	55.23	2	SW	66. -	54.9	0. r
8	52. -	59	29.632	51.43	5	S	67.8	51.7	bc pv
9	51.6	59.4	29.704	51.73	5	SW	66.1	48.5	b.m
10	52.1	59.0	29.930	52.23	6	SW	64. -	50	0
11	52.6	59.1	29.889	52.23	1	SW	65. -	47.5	b. m
12	55.1	58.5	29.637	55.33	4	SW	65. -	56.1	0
13	53.7	59.1	29.667	53.63	10	W	66.5	51	b. m
14	50	58	29.828	50.73	6	WSW	63. -	49.9	bc v
15	49. -	57.2	30.035	48.33	6	NW	65.4	45.1	0
16	53.5	59 -	30.041	53.13	3	SW	65.4	45.1	0
17	52.6	57	29.696	52.43	0		58.6	51	2
18	48.6	56	29.794	48.43	4	NW	58	48	0 v
19	50.7	56	29.840	50.73	3	E	61.5	50	0 v
20	55	57.6	29.610	54.83	1	SW	66.7	54.6	2
21	54.1	57.6	29.450	54.33	1	SW	64.5	51	bc pv
22	56.6	59	29.482	56.63	6	S	66.7	55.5	0.2
23	57.4	60.1	29.588	57.83	3	S	66.9	53.8	bc v
24	56.7	61	29.820	56.73	2	SE	69.2	50.7	b.m
25	51.5	60	29.621	51.43	3	ENE	68.9	46.8	0
26	52.3	58.3	29.751	52.43	0		61. -	51.5	0
27	49.8	58. -	29.834	49.43	1	NNE	66.4	46.2	0 v
28	53 -	60.1	29.985	52.63	2	NNE	64.4	51.8	0 m
29	50	57.8	29.938	49.23	1	N	62	47.7	bc v
30	48.6	59	29.770	48.43	1	NE			bc v
Average	52.70	58.43	29.703	"	88	"	"	"	"
	52.90						64.93	50.73	

1844	Morning			22 Hours			Wind		Rain		Weather	
July	F.	A	Bar	Hggr.	Force	Quarter	Square	Globe				
1	54.3	56.7	29.778	54.3	1	N				ovc	Str	
2	61.3	59.	29.678	56.4	2	S				b.c.v	St Cum	
3	58	58.7	29.552	55.4	4	E	0.0500	0.0480		od m	Str. V	
4	57	58.3	29.600	56	5	NW & N				b.c.v	St Cum	
5	54	59	29.765	52.3	5	NNW				ov	Str Cum	
6	58	57.7	29.897	54.2	5	N				b.c.v	St Cum. C	
7	60	60.	29.802	55.4	3	NW	0.0020	0.0020		ov	St Cum	
8	54.5	57.8	29.832	56.4	3	NW & N				om	Str. S	Marked at 19 hrs
9	59.	60.8	29.691	52.3	4	S.W				o.m.		
10	58.5	61.3	29.675	52.3	5	N.W.	0.0020	0.0080		o.vg	Strat Cum	
11	60.2	59.3	29.765	52.3	4	S.W	0.0580	0.0590		b.c.p.v.		
12	55.3	58.	29.438	53.3	4	S	0.1010	0.1320		oz m		
13	58.	58.8	29.392	54.4	7	W & N	0.1560	0.1850		b.c.p.m	N. St Cum	
14	59.	57.8	29.624	53.2	5	W	0.0770	0.0825		b.c.p.v	Cum. Cumu. V	
15	57.2	56.8	29.810	52.2	4	W	0.0190	0.0175		b.c.p.v	N. Cum	
16	62.8	58.9	29.796	52.8	2	S by W	0.1200	0.1500		b.c.v	Cumulostratus	
17	61.	57.	29.578	50.4	4	W	0.0230	0.0270		b.c.m	Cum. Ci	
18	58.8	57.	29.706	52.1	0		0.0420	0.0435		o. b	Cumulostratus	
19	59.1	56.8	29.976	53	1	W				b.c.m	St Cum	
20	62.	60.	29.938	62.2	6	SW & W	0.3600	0.4620		o.p.d.m		
21	66.4	61.8	29.912	60.4	4	SW	0.0985	0.1106		b.c.m		
22	68.5	63.	29.786	61.4	6	SSE				b.c.m	Str. Cum St	
23	67.8	64.3	29.764	62.8	3	SW	0.0230	0.0220		om		
24	65.	63.1	29.732	64	4	SSE				ov	St	
25	63.2	64.	29.987	61.8	2	W & N	0.0990	0.2010		b.c.m		
26	66.5	63.4	30.090	64.5	3	WSW				b.c.m	Ci St. Cum	
27	63.	64.	29.944	62.4	4	SW	0.0180	0.0225		oz m	St	
28	60.9	60.8	29.940	63.5	4	N by W	0.0130	0.0100		b.c.v		
29	62.1	61.1	29.211	62.2	5	S & W	0.1392	0.1834		c.v		
30	55.	60.	29.525	54.4	5	NW & W	0.4950	0.5145		oz m	N	
31	58.	58.6	29.576	54.4	7	NW & W	0.0785	0.0680		o.p.g.v	N	
Average	60.08	59.800	29.732.	"	121	Sum	2.071	2.3605		"	"	

1844	Evening			10 hours		Thermometer		Weather		
July	E	A	Bar.	Hyg.	Wind	max	min.			
					Force	Quarter				
1	47.7	56.	29.786	47.5 } 45.5 }	0		63.4	44	b.c.v	St. Cir
2	53.7	58.	29.776	53.6 } 52 }	0		61.5	47	ov	St.
3	53.7	59.	29.590	53.7 } 51.3 }	2	E	66	52	ovz	
4	53.8	60.	29.600	53.2 } 51.2 }	3	NE	66.3	47.8	b.c.m	St. St.
5	53.4	59.	29.672	53.9 }	0		62	51.8	ov	St.
6	49.5	57.4	29.864	48.5 } 46 }	5	NNW	61.8	48.8	b.c.m	St.
7	55.	60.1	29.828	55.2 }	1	SE	66	54.9	ov	St. Cir
8	53.5	60.3	29.818	53.2 }	0		66.6	52	ov	
9	54.8	61.	29.863	54.6 } 52.1 }	0		65.	54	ov	
10	54.2	61.	29.725	54.2 }	1	N.W.	65.	51	ov	
11	54.	60.1	29.675	53.8 }	4	W	63.3	52.3	ov	
12	52.6	58.	29.750	53.2 }	1	SW	61.5	52	ov	
13	55.7	58.8	29.096	55.6 }	8	SW & W	64	52	ov	
14	52.2	59	29.592	52.4 }	0		61.8	50	b.c.m	S
15	49.4	58	29.787	48.4 }	2	W	62	48	b.c.m	S. Cir
16	52.4	59.4	29.870	52.4 }	1	W	64.5	48.5	b.c.v	S. V
17	52.3	58	29.710	52.3 }	0		65	47.2	ov	
18	51.4	58	29.578	51.4 }	1	W	64	48	ov	
19	50.8	58	29.892	50.1 }	1	NW	62.5	48.4	b.v	
20	56	60.5	29.982	56.2 }	4	SW	68.4	55.5	ov	
21	61.2	62.	29.947	62.1 }	6	SSW	66.5	59.2	ov	
22	63.2	64.1	29.838	63.2 }	8	S	73.1	59	ov	
23	64.9	66.	29.685	65.5 }	0		73	61	ov	
24	60.8	64.8	29.790	60.8 }	8	SSE	71	57.2	b.c.m	St. Aurora
25	57.8	63.2	29.812	57.4 }	0		65	54.3	ov	
26	57.8	63.7	30.076	57.8 }	0		71	56	C	
27	61.1	64.	30.040	61.4 }	2	SW	71.8	60.5	b.c.m	Cir
28	51.8	57.	29.930	51.8 }	3	N.W. & N	65.5	50.5	b.c.m	
29	57.	63.	29.755	57.2 }	2	SSE	66.1	58.9	C.V	
30	57.	60.9	29.284	57.2 }	4	NW	63.5	53.5	ov	
31	51.	57	29.555	51.2 }	3	W	59	51	ov	
Average.	54.83	60.10	29.748	"	62	"	"	"	"	"
							65.4	52.4		

[illegible]

1844	Evening			10 hours			Max	Min	
August	E	A	Bar	Hygr	Win	Dir	Ther	Ther	
1	49	57.	29.654	48.53	3	SW/W	61	48	b m
2	53.8	59.1	29.507	53.03	1	E by S	64.7	49.	b. c. v
3	51	59.	29.231	50.3	6	N/E	61.8	47	o. v
4	53	58.	29.635	53.43	3	SW	64	52	o m
5	53.5	60.	29.575	53.13	2	NNE	66.7	51.8	o m
6	53.2	57.	29.112	53.23	6	WSW	58.4	51.9	o v
7	52.3	56.6	29.256	52.33	6	SW	60.4	52	o m
8	53.4	57.2	29.524	52.23	5	WSW	61.1	51	o v
9	51	57.	29.572	50.3	1	S	61.1	49	o m
10	52	58.	29.606	51.43	0	"	63.6	51	b m
11	53.2	57.2	29.300	53.23	3	SW	62	52.8	o m
12	54.	59.	29.526	53.23	3	SW	62.6	52.8	o m
13	54.	58.	29.314	54.13	4	SW	63.4	53.6	o
14	55.	58.	29.488	54.23	6	NW	64.4	53.1	b v
15	49.7	57.2	29.754	49.43	2	WSW	61.4	49.5	b v
16	57.2	58.	29.434	57.23	6	SW	60.4	50.1	o v
17	52.	57.1	29.916	51.73	5	NW	61.3	46	o. v
18	48.	56.6	30.194	47.13	4	W	63.2	46	b v
19	59.1	58.3	29.818	59.43	5	W	64.6	55.2	o g v
20	50.	56.8	29.745	48.13	1	W	61	49	b m
21	51	56.7	29.650	50.73	3	W/N	60.2	50.6	o v stz
22	51	55.2	29.506	50.83	3	WSW	56	51	o d g m
23	52.2	56.6	29.512	52.3	2	SW	61.5	51.1	o m a large group of small spots on
24	51.8	58.	29.776	50.63	0	"	63.9	50.6	b m. S
25	52.8	57.	29.890	52.33	2	SW	61.6	51.5	o m stz
26	50.3	56.2	29.992	50.3	2	WSW	60	47	b m
27	53	58.	30.014	53.3	0	"	64.7	47.7	b m
28	57	57.	29.979	51.53	1	S. W	64.7	47.5	b m
29	58.1	60.2	29.590	58.23	6	S	65.1	54	b m
30	56	62.4	30.030	53.73	1	NW/W	69.1	50.1	b m
31	58	64.	30.140	58.33	2	S	71	52.7	b m
Average	52.88	57.91	29.669	"	97	"	"	"	"
							62.7	50.5	

1844

Morning 22 Hours

Rain

September	E	A	Bar.	Hg	Wind	Square	Round	
					Force	Quarter		
1	68.2	64.2	30.150	69 } 61.9 }	3	S by E		b.m
2	64.5	64.5	30.048	64.6 } 59 }	4	SE		com S
3	64—	63—	30.030	64.3 } 61 }	4	SE		bc
4	64.3	64.	29.904	64.2 } 59.6 }	4	SE N	4.c.v	annotations cumulus b.c.v
5	61.5	64.	29.724	64.2 }	5	E	0.0800 0.0920	a.m
6	62	64.	29.565	62 }	0			omg st
7	58.2	61.6	29.750	57.7 } 56.5 }	0		0.1340 0.1090	ovg st
8	55.	56.	29.700	56.5 } 50.5 }	1	W		ov st
9	58.	57.5	29.727	57.1 }	2	W by N	0.0055 0.0070	bcu
10	58.	58.2	29.836	57.8 }	5	SW	0.0010 0.0000	ov st .0000?
11	57.6	57.	29.914	57.4 } 53.4 }	4	WSW		om st
12	56.4	57.2	29.936	56.3 } 53.2 }	2	SE	0.0040 0.0070	ov st
13	62.5	58.4	29.656	62.5 } 61.2 }	5	SW by W	0.9340 0.9850	om st
14	62.5	60.	29.500	62.2 } 61.8 }	1	N	0.7800 0.7910	omg st
15	59.7	59.	29.626	59.5 } 57.6 }	4	WSW	0.0080 0.0080	ovg st
16	54.4	57.2	29.676	54.4 } 50.4 }	4	N		bcv st cum. S
17	55	56.6	29.903	55.2 }	5	E		com st. st cum. S. cu
18	52.2	57.	29.942	51.7 } 46.2 }	5	E		bcv st
19	54.4	54.8	30.040	52.5 }	4	ENE		bcv st cum
20	51.4	53.7	30.120	51.3 }	3	NNE		com st cum
21	51	53.8	30.014	51.5 } 49.2 }	4	SE		com st cum
22	51.8	52.4	29.814	51.2 }	2	ENE		om st
23	53.5	54.	29.986	53.5 } 51.8 }	1	NE by N		om st
24	46.5	54.	30.054	46.3 }	1	SSW		bmc Cir Ci Marked at 19 ^h
25	57.	54.9	30.062	56.2 }	4	SW		o.m
26	60.	55.4	29.974	60.3 }	4	WSW.		om st
27	59.4	56.7	29.800	58.5 } 57.4 }	5	SW by S		ov st
28	52.4	52.	30.114	52.3 }	5	N by W	0.0420 0.1250	bcv S. cum
29	45.6	51.7	30.083	45.6 } 43.3 }	6	SSW		bcv Cir. Ci Marked at 19 ^h
30	53.5	55.4	29.850	53.5 } 51.5 }	5	WSW	0.0400 0.1020	com st. st cum. C
Average.	57.01 57.35	57.59	29.880	"	102	"	2.078 2.2260	"

1844	Evening 10 hours							Max	Min	
September	E	A	Bar	Hggr.	Wind	Direction				
1	61	65.4	30.164	59.3	1	SW	75	59	6m	
2	58.5	64.	30.076	58.6	0		72.5	54	6m	
3	57.1	63.2	30.044	58.2	4	E6S	68	53.4	6m	
4	60.1	65.	29.918	58.2	3	E6S	69.1	57.1	CV	
5	59.1	64.8	29.795	58.2	5	E6N	68.9	58	0.7m	
6	57.2	62.	29.688	57.2	2	ESE	68	57	0m	
7	58.2	63.	29.694	58.2	0		67	56	0m	
8	49.5	57.4	29.742	48.8	2	NNE	60.8	43.4	6CV	
9	53.4	57.5	29.624	53.2	4	WSW	63	53	0V	
10	53.4	57.	29.860	53.2	3	SW	58.1	50.4	0V	
11	54.2	58.	29.818	54.5	4	SW6W	62	48.	0V	
12	52.6	57.2	29.972	52.6	0		61.6	51.3	0V	
13	58.	57.2	29.805	58.3	1	S	62.8	53.4	0.7m	
14	60	60.1	29.605	59.8	2	SE	67.8	58	0.7m	
15	57	60.	29.600	57.3	5	WSW	66.4	55	0V	
16	54.8	59.	29.628	54.6	0		61.8	51.8	0m	
17	50	56.6	29.753	49.8	0		58.5	50	6m	
18	46.8	55.8	29.972	45.3	1	E	58	45	6m	
19	48.4	57.	29.958	48.4	4	E6S	56.5	44.5	6m	
20	49.7	56.	30.076	49.5	3	ENE	57.8	42.4	6m	
21	45.	55.2	30.120	44.5	1	N	56.7	39	6m	
22	42.8	52.5	29.884	42.5	1	N	57.2	40.4	6m	
23	48	53.	29.912	48.5	2	N6E	56	47.2	0m	
24	48.4	54.	30.054	48.4	2	SEW	59	45	0.7m	
25	53.	54.2	30.099	53.2	0	SSW	59	46	0.7m	upper current N. W
26	55.4	56.	30.034	55.4	2	WSW	60	54.5	0m	
27	56.5	56.8	29.886	56.5	1	SW	64.4	56	0.7m	
28	47.	53.5	29.986	47.5	2	NW6N	60.4	42	6CV	
29	47.	53.	30.084	46.7	0		56.7	45	6	
30	53.4	55.	29.828	53.2	8	SW	58.5	45	0V	
Average	53.01	57.97	29.887	"	64	"	"	"	"	"
							62.4	48.4		

1864

Morning

22 hours

Rain

October

H

A

Bar

Hyg?

Force

Wind

Quarter

□

○

1	54.4	55	29.312	54.43	2	W	0.0130	0.1050	bcv	st	Marked at 19 ^h
2	55.8	56.4	29.476	55.73	9	WSW	0.0960	0.2560	z		
3	48.2	53.4	29.738	48.23	4	SWW	0.0080	0.0140	bcn	st cum	Marked at 19 ^h
4	50.4	53.	29.575	49.73	2	WSW	0.6130	0.7540	ovg	st. st. cum. S	
5	50.4	52.	29.634	50.23	5	WSW			bcn	ci st. S	
6	47.4	49.	29.824	47.23	2	SWW	0.0275	0.0300	bcn	S	
7	50.	50.	29.458	49.73	SSW	SSW			ogm	st. S	
8	58.4	53.4	28.708	53.23	7	S	0.6050	1.1470	ov	st	Bar coming
9	53.3	53.6	28.752	53.33	7	SW	0.4750	0.8220	bcn	cum. ci. S ci	B. bearing
10	52.5	53.4	29.316	52.53	5	SWW	0.0250	0.0350	bcn	st. st. cum	
11	54.1	53.	29.260	54.23	6	S	0.0250	0.0255	oz m.	N st	
12	55.2	55.6	28.905	55.23	6	S	0.0050	0.0250	bcn	cum. st. cum	B. bearing
13	52.1	52.2	28.814	52.23	6	SWW	0.1155	0.1600	bcn	st	B. bearing
14	40.8	50.	28.750	40.3	1	SW			bcn		Marked at 19 ^h
15	50.8	51.1	28.984	50.83	5	NNW	0.0175	0.0180	om	st	
16	48.8	52.	29.298	48.83	6	NWN			bcv	st cum	
17	38.6	47.	29.572	38.3	4	NW	0.0250	0.0250	bcv		Marked at 19 ^h
18	45.4	47.	29.282	45.3	5	SWW	0.0550	0.0850	bcn	st cum	
19	46.	46.2	28.984	46.23	7	SW			bcn		
20	45.5	44.5	29.402	45.23	4	NNE	0.0230	0.0550	bcn	cum	
21	43.8	45.	29.710	43.83	0				bcn		
22	47.2	48.6	29.584	47.23	5	S			ov	st	Bar bearing
23	46.9	47.3	29.654	46.93	0		0.2750	0.2810	om	st	
24	42.3	51.4	29.065	42.3	0		0.0020	0.0125	bcn		
25	40	44.7	29.950	40.53	1	NEEN			f		
26	47.	46.4	30.104	47.43	4	ESE			bcn	st	
27	46.9	46.1	29.667	46.73	7	E6S			om	q	
28	48.6	47.	29.742	48.63	6	SE			ovg		B. bearing
29	48.2	48.	29.460	48.23	7	SE	0.1140	0.2170	om		B. bearing
30	52.	50.	29.448	52.3	8	SE6S			om		B. bearing
31	48	49.7	29.222	47.63	9	ESE	0.0850	0.1840	v		B. bearing

Average

48.57

50.29

29.403

156

" 5mm

2.607

4.3570

4.2510

401

1844	Evening 10 hours						Ther		
October	H	A	Bar	Hggt	Force	Direction	Max	Min	
	51	54	29.674	54.73	6	SW			ov
1	51	54	29.674	54.73	6	SW	58.8	51	ov
2	53.5	55	29.624	53.73	7	WSW	59.8	52	ov
3	50.7	53.3	29.688	50.23	6	WSW	62	48	bcm
4	48.4	54.6	29.445	48.33	6	SW	57.9	47	z
5	46.	52.5	29.606	45.23	6	SW	55	45	b.m
6	42.5	50.6	29.712	42.53	2	SW	54.7	38	z
7	45.	50.	29.730	45.73	6	SW	52	43	b.c.g
8	51.	52.	28.954	51.3	10	SSW	57.4	48	z.g
9	52.4	53.2	28.274	52.43	11	SE	57.7	48.7	o.p.g. Bar. falling a 100"
10	48.5	52.8	29.068	48.53	6	SW	58.5	47.6	b.c.p.m
11	47.5	52.5	29.436	47.53	4	SSW	57.2	47.5	b.m a very large Spot on
12	55.2	55.	28.952	55.23	7	SE	57.5	52.4	b.c.p. Bar. falling
13	48.1	53.3	28.776	48.13	6	S	58	48.5	b.m
14	46.1	52.1	28.760	46.13	0	W	55.5	40.5	bcm
15	45.2	52.4	28.837	45.23	1	W	56.4	40.4	o.m
16	46.	50.2	29.156	46.3	6	NW	52	44.5	b.c.v
17	40.8	48.	29.482	40.83	3	NW	50.5	38.5	b.v
18	38.1	48.1	29.584	37.43	3	SW & W	48.3	36	bcm
19	41.	46.1	29.112	40.23	5	SSW	50.6	40.6	b.m
20	40.1	47.	29.061	40.13	1	SW	50	36	b.c.m
21	39.9	46.	29.674	39.93	0	---	50.4	37	b.m
22	41.9	46.	29.640	41.33	6	NW & N	49	41	bcm
23	47.	48.	29.580	47.13	1	S	53.1	43	c.m
24	38.8	46.	29.798	38.83	0	---	51.3	34.6	b.m
25	40.2	46.	29.878	40.23	1	NE	49	34	b.m
26	45.6	46.6	30.050	45.63	4	E & S	50	39.6	o.m
27	42.	47.	30.088	41.53	1	SE	51.6	41.9	bcm
28	47.7	47.1	29.885	47.73	3	ESE	50	46	ov
29	47	48.	29.600	47.3	7	SE	50	46	ov
30	50.6	48.9	29.468	50.63	8	SE	53	48	ov
31	50	50	29.292	49.93	8	SE	53.4	47.4	r
Average	46.56	50.14	29.412	"	141	"	"	"	"
							53.9	43.6	

	E	A	Bar				Sqm	gld	
1	46	47	29.211	45.93	10	NNE	0.0600	0.1320	bc.
2	45.2	48	29.540	45.23	8	NNE	0.0010	0.0080	b.c.m
3	44.5	45.9	29.413	44.48	3	NNE	-	-	bc
4	46.5	45.8	29.325	46.13	3	N	0.0010	0.0010	
5	43.6	46.6	29.284	46.63	3	NLE	0.1500	0.1800	ov st
6	43.7	45	29.166	43.83	4	E	0.3100	0.5100	ov
7	44.9	44.7	29.014	44.83	5	NE	0.3400	0.4270	ov m
8	46	45.5	28.800	46.23	1	NW	0.0660	0.0840	b.c.m
9	41.1	45.4	28.864	44.53	2	SWbW	0.0200	0.0275	om st
10	41	44.7	29.230	40.43	5	WNW	0.1160	0.1715	b.c.v bi st. st
11	39.6	40.6	29.116	39.33	3	S	0.0110	0.0165	ov st
12	46.8	45	29.260	46.83	2	SW			om st a large group of 4 potrao
13	42	43.7	29.824	42.83	0				b.c.m st. S
14	50.4	49.7	29.588	50.53	7	SW	0.3040	0.8300	b.c.v st. bi st. bi
15	49.4	48	29.960	49.43	2	SWbS			om st
16	53	51.6	30.000	53.83	4	SSW			b.c.m bi. bi. bi. st
17	51.8	54.6	29.872	51.53	6	SWbS			b.c.m st. b. st. bu
18	48	54	29.900	48.33	1	SW	0.0020	0.0220	b.c.m bi st
19	48	49.4	29.986	48.43	2	WSW	0.2450	0.2840	bm st. bi
20	40	45.6	30.166	39.13	1	SW			b.c.m bu st
21	46.8	47.8	30.000	46.73	2	SW			b.c.m st. st. bu
22	46	48	29.866	46.33	4	SW			bm
23	48	45.6	29.794	48.23	1	S			bm
24	32	41.4	29.536	31.33	0				f
25	42.7	42	29.917	42.53	6	S			b.c.m bi st
26	48.7	46.7	29.838	48.63	6	S	0.0200	0.0630	ov st
27	50.4	47.8	29.580	50.83	6	SSW			ov st
28	47	48	29.785	47.43	1	E	0.0980	0.1100	om st
29	45	46	29.946	45.43	6	SE			ov st
30	41.6	44	30.064	41.73	2	E	0.1325	0.1360	om st
Average.	45.16	46.60	29.687		106		1.182	3.0025	

1864	Evening 10"								
Noon	E	A	Bar	Hyg	Wind Force	Direct	Max T	Min T	
1	46.6	47.5	29.162	46.33	10	SE 6 E	49.5	43.9	ov
2	45	46.	29.376	45.13	10	E by N	47.5	43.5	o.m
3	42.7	45.9	29.550	42.33	4	NE	47.9	40	o
4	42.9	45.1	29.275	42.33	3	N by E	46.5	41	o.m
5	42	45.4	29.374	41.33	2	N 6 E	48	40.7	ov
6	44	45.	29.128	40.23	6	NNE	46	41.8	ov
7	40.8	45.	29.173	40.63	5	NNE	46	41	ov
8	45.4	45.	28.840	45.23	3	N 1/4 E	48	43.5	ov
9	44	45.6	28.814	44.43	2	SW 6 S	49	42	om
10	42.4	45.1	28.948	42.13	6	SW	48	38	r
11	34.	41.	29.220	33.33	4	SW 6 W	44.2	32	ov
12	41.6	45.2	29.170	41.23	5	SW	47	39	bm
13	44.	45.8	29.572	43.73	6	SW	50	36.5	bm
14	48.	45.2	29.726	47.53	5	SE 6 S	54.4	41.2	odm
15	47.9	48.	29.820	47.53	5	SW	53.4	47.2	bm
16	54.	50.	29.984	54.63	6	SW	55.4	47.8	ov
17	48.6	51.8	29.928	48.23	6	SW	58.2	46.7	bm
18	51.2	54.	29.752	51.23	6	S	54.2	47	odm
19	50.2	51.6	29.740	50.23	2	SSE	51.7	44	odm
20	38.9	46.4	30.120	38.53	0		51.6	36.7	bm
21	48.7	47.4	30.104	48.33	0		48.2	39.7	om
22	46.7	47.	29.790	46.63	9	SE 6 E	48	42.4	om
23	42.1	46.	29.894	41.53	4	S	48	36	bm
24	40.	42.	29.752	40.13	2	SW	46.4	30	bm
25	38.	41.	29.904	38.53	0		42.5	30	of
26	46.	47.	29.868	45.63	8	SW	48.5	42	ov
27	49.	47.4	29.686	44.33	7	S	51	48	om
28	48.4	47.4	29.674	48.43	0		51	45.6	om
29	47.	47.4	29.874	47.33	6	SE 6 E	49.4	41	ov
30	41.8	44.5	30.010	41.83	2	S	44	39.8	om
Average	44.39	46.19	29.574	"	134	"	"	"	
							49.0	40.9	

Bar falling

1844	Morning 22			Rain				
Decl	F	A	Bar	Wgt	Force	Wind Direct	□	O
1	41.7	42.7	29.770	41.63	SSE	3		ov stz
2	39.8	41.4	29.998	39.73	SECS	3		bm
3	40	41.5	30.114	39.53	SE	2		bm st cum
4	35	35.4	29.972	35.23	SSE	1		om st
5	33	39.2	29.982	32.3		0		bm
6	41	40.3	30.004	40.83	S	5		ov stz
7	35	40	30.026	35.3	S	4		bcv st cum
8	35.4	37.8	29.976	35.53	ESE	2		ov st
9	36	37	30.054	35.53	ESE	2		om st cum
10	36.4	37.4	29.682	36.43	S	4		ova st
11	36.1	38	29.680	36.23	ESE	5		om st
12	32	36	29.300	36.3	ESE	8		bcx st cum
13	36	38	29.294	35.43	E	7		bv stz
14	32	40	29.396	33.63	ENE	3		bm
15	40.1	38	29.227	40.13	E	3		ov
16	40.2	38.8	29.196	38.83	E	4	0.2225	0.2420 om stz
17	42	40.4	29.460	42.43	NE	3	0.0900	0.0870 om st
18	46.2	41	30.026	40.53	NE	2		om st
19	33	36.2	30.226	32.3	E	1		bcu cu. st
20	36.1	37.8	30.246	35.83	ECS	4		bcv st cum. bi st
21	36.2	38	30.186	36.3	SE	5		ov st cum
22	36	36.6	30.050	35.63	SE	5		ov stz
23	33.6	36	30.066	32.83	ESE	3		bcu st cum
24	35.5	36.1	29.982	35.23	E	2		om stz
25	39.7	36.7	29.816	39.43	S	4		om stz
26	43.5	39	29.760	43.3	S	4	0.1030	0.1060 om stz
27	44.3	41	29.574	44.33	SSE	5	0.0210	0.0300 r
28	43	41.7	29.714	43.3		0	0.0300	0.0680 f
29	41.3	42	29.884	41.33		0		om stz
30	41.4	42	29.990	41.43		0		om st cum
31	37.5	39.4	30.034	37.43		0		bm
	37.93	39.04	29.827			94	0.467	0.5320
	37.90							

1944	Evening		10							
Dec.	E	A	Bar	Hyg ²	Force	Wind Direction	Max	Min		
①	1	40.8	43	29.948	40.2 3	1	ESE	43	40.2	om
	2	40.1	42.3	29.801	39.8 3	5	SE	42	34	bcm
	3	39.5	41	30.130	39.2 3	3	SSE	42.5	36.4	bv
	4	36	40.5	29.996	38.6 3	4	SSE	41.3	32	bv
	5	36	39	29.976	35.5 3	0		38.8	30	om
	6	37.4	38.7	30.008	37.2 3	4	S	41	31.5	om
	7	37	39.4	29.954	36.2 3	6	S	42	35	bv
	8	35	37	29.973	34.6 3	1	S	35.6	32.4	om
	9	34	37	30.094	33.3 3	0		37.5	31.8	ov
	10	37.5	37	29.870	37.2 3	4	SELS	37.8	33.4	om
	11	36.6	38	29.700	35.2 3	1	S	38	32.8	om
	12	32.7	36	29.436	32.4 3	6	ESE	37	31	or
	13	33	34	29.246	32.2 3	7	ESE	35	30	ogv
	14	35.8	35.9	29.355	33.3 3	5	E	36	33.5	o
②	15	37.5	37.2	29.292	37.1 3	4	ENE	40.8	34	o
	16	39.4	38	29.166	39.2 3	6	E	40.5	37.5	r
	17	42	39.4	29.238	41.8 3	3	NE	42	40.4	ov
	18	41.3	40.3	29.778	41.3 3	3	NE	42.5	39.5	odm
	19	34.4	39.4	30.159	36.4 3	1	E	42.8	30	bv
	20	33.4	36.7	30.246	37.4 3	1	SE	37.8	31.8	bv
	21	36.3	38	30.236	36.7 3	4	ESE	37.8	32.8	om
	22	36.2	36.6	30.048	35.8 3	6	SELS	37	32.1	ov
	23	35.4	36	30.066	35.3 3	2	SE	36	29.6	om
	24	33.6	36.1	30.033	33.2 3	2	SE	35.5	31	om
	25	36	36.7	29.906	35.4 3	0		40	35	om
	26	41	38.4	29.774	41.4 3	1	S	43.5	39	om
	27	42	39.1	29.694	41.5 3	1	S	45	39.7	om
		42.5	42	29.582	42.4 3	1	SSE	46.4	41.7	bcm
		42.3	42	29.788	42.3 3	0		46	41	f
		40.4	41.7	29.928	40.4 3	1	ENE	42.5	39	om
		37.6	40.1	30.024	37.2 3	0		42.5	32.8	om
		37.51	38.60	29.821		83		40.2	34.6	

Spots on ①

the wet bulb highest
water was inside of the window

Spots on ①

the wet bulb highest
water was inside of the window

1844	E	A	Bar	E	A	Bar	Therm	Rain	Temp	Mean	Min	Wind	Dir
									Vap			Force	
January	39.80		29.839	40.39		29.860	1.1780	2.6364	2.6395	29-52.4	2-27.0		
February	35.96		29.430	37.44		29.349	1.3920	3.2393	2.6396	14-51.0	22-25.0		
March	39.80		29.687	43.52		29.649	0.812	2.8884	3.0875	28-58.1	5-27.0		
April	46.29		29.885	51.84		29.861	0.8203	1.6698		19-63.3	6-36.8		
May	49.51		30.047	56.29		30.039	0.064	0.0420	.0720	2-72.0	18-32.6		
June	52.90		29.682	59.29		29.694	2.887	4.4718	4.0998	24-69.2	16-45.1		
July	54.83		29.721	60.08		29.705	2.072	2.3608		22-73.1	1-44.0		
August	52.88		29.648	57.85		29.655	2.586	3.0675	3.0575	31-71.0	18-46.0		
September	53.01		29.866	57.35		29.869	2.008	2.2260		1-75.0	22-40.4		
October	46.06		29.412	48.57		29.403	2.607	4.3510	4.2510	3-62.0	26-34.0		
November	44.39		29.585	45.16		29.628	1.822	3.0025		17-58.2	24-30.0		
December	37.51		29.851	37.90		29.857	0.467	0.5320		28-46.4	5-30.0		
Summer	51.46		29.728	56.43		29.726	12.293	16.5188					
Winter	40.85		29.717	42.87		29.714	6.494	13.9684					
Year	46.19		29.722	49.71		29.720	18.787	30.6872	29.6377				

Bar.
readings
have
been
reduced
to 50°

Mean Temperature of Year = 47.95
 Max - Sept 1 75,
 Min - Feby 22 25
 Mean Bar 29.721
 Max - May 14. 10^h 30.335
 Min - Oct 9. 10^h 28.274

Rain on 180 Days