

1874	10 A. M.			Nygro	Anemom.		Ombro.		
January	E	A.	Barom	dry wt	Dir	Sp	Square	Round	
1	44.0	42.5	29.702	44.3 42.0	SW	177	---	---	0 g Ks.
2	47.6	42.3	29.422	37.8 36.6	WWS	269	0.176	0.509	0 K
3	34.4	40.0	29.142	34.2 34.2	SW	93	0.096	0.171	blo. v.
4	32.3	38.6	29.326	32.0 32.0	WWS	130	---	---	32 K Snow.
5	32.7	37.0	29.786	32.0 42.5	S	120	0.072	0.071	39 K
6	42.3	40.0	29.914	40.7 45.3	SW	228	---	---	0 g K
7	44.8	41.5	29.582	42.2 48.2	S	286	---	---	0 g K
8	47.7	44.3	29.250	46.6 36.4	SSE	238	0.022	0.035	0 K
9	36.5	41.8	29.462	36.3 36.7	SW	87	---	0.012	blo. v.
10	36.5	40.3	29.862	36.3 41.0	SW	86	---	---	0 g K
11	40.7	40.3	29.674	39.5 42.3	SWWS	165	---	---	0 g K
12	41.7	42.0	29.662	39.3 40.5	WWS	120	0.007	0.168	0 K
13	40.3	40.0	29.728	39.7 44.8	S	140	---	---	0 K+Ks.
14	41.3	42.2	29.614	44.0 48.6	SW	250	---	---	0 K
15	48.3	45.7	29.346	42.7 38.3	SWWS	306	0.007	0.047	0 K+Ks
16	38.2	43.3	29.076	38.2 33.2	SWWS	96	0.401	0.473	0 g K
17	33.2	38.1	29.316	32.0 49.2	SWWN	188	---	---	0 K Snow during night
18	49.2	43.4	29.002	48.8 39.5	S	286	0.410	0.540	0 g K
19	39.0	41.4	29.338	38.8 44.3	WWS	217	0.094	0.283	0 C.C.S. K
20	44.3	43.0	28.890	43.8 43.3	S	259	0.338	0.393	0 K
21	42.6	41.8	29.744	42.2 42.5	SW	190	0.008	0.028	0 K+Ks
22	42.3	42.5	30.016	41.0 42.7	SW	187	---	---	31 K
23	43.3	44.5	29.866	43.6 38.3	W6N	303	0.025	0.034	0 v K
24	38.3	41.7	30.026	36.3 41.2	W	115	0.036	0.047	64 v K
25	40.6	40.6	30.203	39.6 49.2	S.W	114	---	---	6.2 v. K.S.C.
26	49.2	44.2	30.185	40.1 46.0	W	217	---	0.031	0 L K
27	45.5	44.3	30.338	45.3 46.0	WWS	81	0.007	0.050	0 K
28	45.5	45.2	30.368	44.2 43.5	W	88	---	---	0 g K
29	43.2	43.8	30.070	42.3 41.8	SWWN	169	---	---	0 K
30	41.3	43.0	30.298	39.5 44.4	W	104	---	0.050	62 v K
31	44.0	44.3	30.352	44.0	WWS	89	---	---	0 K+Ks.
	41.41	42.06	29.696				1.702	2.942	

1874	10. P.M.			Hygro	Anemom		Thermom		
January	E	A	Barom.	Wet	Dir	Sp.	Max	Min	
1	50.6	47.0	29.300	50.5	SWWS	399	52.6	39.0	0 n g. kb.
2	35.7	40.3	29.368	50.5	SW	241	53.0	35.3	73 C.C.B. kb. Sleet fell for a few minutes.
3	32.0	39.5	29.104	35.7	SWWN	141	40.3	32.3	76 K D
4	33.3	37.8	29.564	31.3	WNWN	193	39.6	31.3	73 K D
5	36.3	38.0	29.832	31.7	SW	192	39.0	30.5	0 K
6	39.7	40.8	29.902	32.7	SW	196	47.3	35.3	0 kb
7	47.0	44.0	29.390	32.3	S	356	47.7	36.8	0 g K
8	42.3	45.0	29.190	36.3	SWWN	193	50.6	43.3	0 K
9	39.6	51.0?	29.769	39.6	SWWS	118	46.0	35.2	710. These obs got from Mr. Call.
10	34.3	39.5	29.884	35.3	SW	72	46.0	33.3	0 K & C.
11	46.0	43.3	29.536	34.0	W	273	49.0	33.3	0 K & kb.
12	36.6	41.3	29.780	46.3	WSTW	129	49.0	36.6	79 kb.
13	41.0	42.7	29.634	44.6	SW	214	49.5	35.7	79 K.
14	44.7	43.7	29.520	40.6	SSW	139	48.7	40.3	0 kb.
15	46.6	46.0	29.432	47.0	SWWS	282	51.3	46.3	0 n K
16	33.2	39.2	29.020	46.2	SW	163	50.0	32.3	74 K & kb.
17	34.3	38.3	29.432	32.5	SW	130	40.0	30.8	72 K & kb.
18	40.6	42.7	29.114	33.7	SWWN	34.6	54.0	31.8	0 g. K very heavy rain at 8 th Lightning
19	42.0	41.0	29.164	40.3	SE	80	45.0	37.0	0 n K.
20	38.7	42.2	29.466	41.3	WSTW	205	50.0	38.4	75 K & kb. Definition good.
21	41.0	44.0	30.002	37.2	SWWS	160	50.0	37.3	710.
22	44.0	44.3	29.932	40.6	SWWS	236	48.0	39.2	0 K
23	38.7	43.9	29.905	44.5	W	81	48.1	38.2	6.6 S. some bright stars
24	37.9	42.2	30.205	39.1	SWWN	129	45.3	32.2	0 K.S. faint moon
25	44.5	43.7	30.160	38.2	SW	202	46.8	33.9	0 K Early moon
26	48.7	45.2	30.164	37.8	W	190	52.0	43.3	0 K
27	46.0	45.2	30.395	44.5	W	107	57.6	39.8	0 K
28	46.3	45.0	30.246	43.9	SW	81	49.3	44.0	0 K
29	41.0	44.7	30.090	48.6	NW	188	48.8	40.7	757. C.S.
30	43.3	44.6	30.347	48.3	WWS	113	48.0	37.6	0 K
31	43.0	44.5	30.305	42.7	WWS	85	48.3	42.2	0 K
	40.87	42.92	29.705	43.6			47.95	36.714	
				43.3			47.8		

1874	10. A. M.			Aggro	Anemone		Ombro		
February	F	A	Barom	dry wet	Dir	Sp.	Square	Round	
© 1	42.2	44.0	30.278	42.5 41.9	SW	68	—	—	0 K
2	44.2	43.5	30.070	44.7 43.2	SW	146	—	—	0 K + K.S.
3	47.4	44.5	30.194	48.0 47.0	S	88	—	—	32 K.
4	44.4	44.7	30.346	44.6 43.3	S	45	—	—	310. v.
5	41.5	43.3	30.297	41.8 40.5	SW	66	—	—	310. v
6	35.2	40.8	30.178	35.2 34.3	S	19	—	—	310.
7	44.2	42.3	30.050	44.5 43.3	SW	92	—	—	0 K
© 8	37.5	43.5	30.048	40.2 39.6	E	80	0.034	0.065	0 K K
9	30.4	37.0	30.112	30.3 29.8	SW	5	—	—	310.
10	37.8	38.2	30.124	38.0 35.9	SE	110	—	—	0 K + K.S.
11	37.5	37.0	29.836	37.8 37.7	SE	313	—	—	0 g K
12	37.2	38.2	29.702	37.3 37.3	SE	75	0.015	—	0 g K
13	45.0	41.3	29.312	45.7 44.8	S	191	0.111	0.145	0 g K + K.S.
14	48.0	44.7	29.088	48.5 47.7	SW	345	0.170	0.298	38. K
© 15	44.4	43.3	28.964	45.2 44.7	SW	187	0.062	0.070	0 K
16	43.0	43.5	29.296	43.3 43.3	SW	81	—	—	32 K
17	38.4	42.8	29.086	38.3 38.3	SW	135	0.198	0.241	39. v. K
18	37.6	41.0	29.438	37.5 37.0	SW	73	—	—	310. v.
19	39.3	40.7	29.546	39.8 39.0	SW	75	0.016	0.023	33 K.S.
20	46.7	44.0	29.766	47.2 46.3	S	193	0.006	0.006	0 K
21	47.6	45.8	29.577	48.0 47.7	SW	241	0.078	0.144	0 K K
© 22	29.3	42.3	29.654	39.3 39.2	WSW	46	0.032	0.043	310. v.
23	43.0	42.7	29.654	43.3 42.4	S	119	—	—	0 K + K.S.
24	47.3	45.0	29.642	47.8 45.3	SW	242	—	—	0 K
25	44.2	44.3	29.286	44.6 42.2	SE	364	0.020	0.033	0 g K K
26	45.3	44.7	28.487	45.7 44.3	SE	427	0.841	0.750	0 K.
27	44.0	43.6	28.688	44.4 42.2	S	259	0.056	0.103	0 K + K.S.
28	41.6	41.7	29.566	42.0 38.7	SE	180	0.003	0.017	0 K
	42.01	42.44	29.644				1.643	1.938	

1874	10. P. M.			Hygro	Anemom.		Therm.			
February	E	W	Barom.	dry wet	Dir	Sp	Max	Min		
1	40.8	42.8	30.152	41.3 40.3	SW	117	46.5	40.0	0	K
2	42.3	44.0	30.066	43.8 42.8	SW	132	48.3	40.3	0	K.
3	40.3	44.6	30.324	40.8 40.3	SW	28	50.6	39.7	0	fog
4	38.3	45.0	30.314	38.7 37.7	SW	80	49.2	38.3	0	10.
5	34.5	43.7	30.254	34.5 34.0	SSE	88	47.0	35.2	69	CS f.
6	34.7	42.5	30.122	34.8 34.3	SW	72	46.5	31.5	65	C. W.S.
7	44.6	44.3	29.940	44.8 43.8	WSW	139	49.2	34.5	0	K K
8	29.3	40.0	30.148	29.5 30.0	ENE	66	47.7	30.2	610.	
9	34.7	38.3	30.124	31.0 29.3	E	70	39.0	25.8	67.	KS.
10	35.0	37.0	30.012	35.0 34.8	SSE	241	40.6	29.8	0	q. K & KS.
11	38.0	38.0	29.758	38.0 37.6	SSE	316	41.7	32.8	68	KS.
12	37.8	39.8	29.618	38.3 37.3	SE	80.	43.7	34.0	70.	KS.
13	44.7	43.8	29.268	44.8 44.2	SW	261	52.5	37.7	66	q. K & KS.
14	42.8	44.7	28.964	43.0 42.5	S	210	52.0	42.7	610.	v.
15	41.5	45.0	29.132	41.8 41.7	WSW	83	50.0	38.8	0	K & KS.
16	41.8	44.0	28.978	42.3 42.2	SW	167	49.6	36.8	0	K q. K
17	35.3	41.3	29.186	35.5 34.2	WS	130	45.2	32.7	0	K
18	34.7	41.3	29.692	34.5 33.8	NW	112	46.5	32.0	610.	v. Definition good.
19	40.3	43.3	29.882	40.5 39.7	S	91	48.2	31.7	66	K
20	48.3	46.0	29.668	48.5 48.0	SE	190	52.0	40.2	0	K & KS.
21	42.2	45.0	29.656	42.5 41.7	WN	48	52.0	42.3	0	K
22	36.2	44.3	29.640	36.4 35.7	WSW	68	47.8	33.5	69	v. KS.
23	44.0	44.8	29.622	44.3 43.0	SE	91	50.0	36.0	610.	v. D.
24	44.5	45.8	29.554	44.6 42.4	SE	268	53.0	42.8	0	q. K & KS.
25	44.6	44.3	28.874	44.8 43.0	SE	417	48.0	40.8	0	q. K & KS.
26	42.2	44.0	28.560	42.3 39.4	S	314	50.2	40.0	69	q. KS. 2 showers of hail -
27	38.2	43.5	29.346	38.3 36.8	SW	214	50.3	38.3	68	K
28	42.2	43.0	29.352	42.8 41.3	SSE	360	48.5	35.6	0	q. K & K
	39.71	43.00	29.652				47.99	36.21		
	39.81						48.1			

1874		10 A.M.			Hygro		Anemom ^r		Orb ^o .			
March		E	A	Barom	Wet	Dry	Dir ⁿ	Sp	Square	Round		
○	1	48.5	44.4	29.512	48.6	45.9	SE	214	0.187	0.226	66	K
	2	46.3	44.8	30.122	47.0	46.5	E	14	—	—	0	K
	3	49.3	46.2	30.222	49.8	48.2	SE	137	—	—	0	K
	4	47.7	47.2	30.254	48.0	47.3	S	145	0.028	0.028		
	5	49.9	47.2	30.284	50.1	47.7	SW	134	—	—	0	K
	6	42.8	46.0	30.640	43.3	40.7	NE	115	0.027	0.027	610.	
	7	42.3	44.1	30.380	42.5	41.2	SW	40	—	—	610	
○	8	40.5	44.0	29.762	42.2	41.3	SW	151	0.007	0.010	0	K
	9	34.8	41.4	29.526	35.8	32.2	NW	107	0.013	0.070	0	K
	10	30.8	38.8	29.716	31.2	30.2	NW	78	0.032	0.093	64	K & K.S. Snow during night.
	11	30.3	36.3	29.934	30.0	29.0	NW	41	—	—	65	K
	12	23.3	39.8	29.582	43.8	40.8	NW	128	—	—	65	K
	13	45.3	42.0	30.212	46.2	42.8	TWN	93	—	—	0	K
	14	45.8	43.0	30.218	46.3	44.7	SW	137	—	—	0	K
○	15	49.2	45.0	30.096	50.0	47.2	TSW	159	0.009	0.038	0	K & K.S.
	16	49.0	46.5	29.902	49.5	47.8	SW	217	—	—	0	K. K.S.
	17	54.3	48.4	29.828	55.0	52.0	SW	263	0.030	0.191	0	q K
	18	50.0	48.3	29.862	50.1	45.8	TWN	202	—	—	66	K
	19	48.7	46.5	29.412	48.5	48.3	SW	217	0.063	0.178	0	K
	20	47.8	46.2	29.900	48.2	46.7	TWN	171	0.005	0.031	64	K
	21	50.3	47.7	29.646	51.0	49.3	SW	232	0.099	0.099	0	K
○	22	54.	48.9	29.741	55	53.8	SW	192	0.174	0.264	61	K.S.
	23	51.3	49.7	29.988	52.0	50.0	SW	171	—	—	0	K
	24	50.0	50.2	30.152	50.3	44.8	NW	152	0.014	0.071		
	25	50.3	48.	30.158	48.5	44.2	SE	115	—	—	65	G.P. G. CK
	26	51.2	48.6	29.936	51.3	49.3	SE	213	—	—	68	CP.
	27	51.2	50.6	29.472	51.6	51.8	S	352	0.005	0.014	0	K
	28	45.3	45.3	29.490	46.0	46.5	SW	219	0.022	0.105	0	K
○	29	50.5	50.0	29.262	53.2	51.4	SW	231	0.150	0.346	62	q K
	30	44.8	46.7	29.582	46.8	47.0	SW	280	0.077	0.203	69	q K
	31	45.2	49.	29.421	45.3	42.8	SW	251	0.109	0.192	65	q.r. X. N.
		46.60	45.85	29.892					1.053	2.186		

1874		10. P.M.			Hygro	Anemom.		Thermom.			
March		L	A	Barom	dew wt.	Dir	Sp	Max	Min		
○	1	43.8	45.7	29.874	44.4 43.7	NE	99	53.2	41.8	0	K+K8.
	2	46.2	46.0	30.208	47.0 45.2	N	87	53.0	41.6	0	K
	3	47.2	47.8	30.228	46.0 47.0	SSE	177	54.6	45.8	0	K Halo round moon
	4	47.3	48.7	30.234	47.1 46.1	S	141	55.	45.0	0.2	K.S.C Faint struggling moon
	5	44.7	49.1	30.476	44.7 43.1	NE & E	60	54.9	43.3	0	K no moon
	6	35.9	46.6	30.564	35.8 35.6	ESE	45	49.4	37.0	510	
	7	39.4	46.7	30.100	39.6 39.2	SW	58	52.0	32.8	510	Aurora
○	8	34.4	44.0	29.562	34.0 32.3	NWN	137	49.2	34.6	59	K
	9	28.0	38.0	29.662	27.3 27.0	N	158	41.2	27.5	0	K+K8 Snow during day.
	10	26.0	38.3	29.852	26.5 25.2	NNW	92	36.3	24.0	55	K
	11	32.0	39.0	30.040	31.5 31.3	WES	102	38.0	21.5	70	K
	12	40.5	42.0	30.088	41.0 39.6	WES	178	42.4	31.5	0	K+K8.
	13	41.8	43.0	30.256	42.3 40.7	WES	124	50.2	39.2	0	K+K8.
	14	45.2	44.7	30.152	45.8 45.2	WSE	197	51.8	41.3	0	K
○	15	46.3	45.7	30.006	47.2 45.6	SWW	196	54.2	44.6	0	K
	16	50.7	48.0	29.788	50.7 48.5	SWW	278	52.8	46.0	0	g K
	17	49.6	50.0	29.766	49.7 48.8	SWW	228	59.0	49.8	0	K
	18	38.8	46.0	29.950	39.5 38.6	WSW	142	54.0	39.5	58	K Definition excellent
	19	42.3	46.3	29.762	42.5 38.0	WGN	258	53.8	38.3	0	K
	20	43.3	47.2	29.788	44.0 43.0	S	110	53.7	39.3	0	K
	21	48.8	49.2	29.530	45.8 45.7	SSE	266	55.8	43.3	0	g K
○	22	50.3	50.6	29.920	50.6 49.3	SWW	168	62.0	45.7	0	K
	23	51.0	50.5	29.958	51.3 50.0	SWS	167	56.3	48.2	0	K+K8.
	24	43.7	49.7	30.192	42.7 40.0	ESE	87	55.3	42.5	55	C Halo round moon
	25	44.0	48.3	30.018	43.8 40.3	SSE	229	53.7	38.5	510	✓
	26	48.2	50.0	29.704	48.3 48.5	S	215	56.0	40.0	0	g K
	27	43.3	49.0	29.638	44.2 43.5	WES	362	58.2	43.3	58	K
	28	44.2	47.2	29.384	44.3 44.7	SWW	289	52.3	38.3	0	K
○	29	40.8	47.7	29.308	40.8 39.0	SWW	292	57.7	39.8	51	g K
	30	48.3	48.2	29.398	48.7 48.3	SWS	204	52.2	38.2	0	K
	31	42	44.5	29.487	42 39	SW & S	266	53.0	38.0	0	g sh
		42.81	44.38	29.901				52.55	39.36		
								52.51	✓		

1874	10 AM			Hygro	Anemo		Ombro		
April	E	A	Bar		Direct"		Squ	R	
1	46.5	45.5	29.633	48.3 43.3	W 6 S	246	0.231	0.417	64 K, CK C. CS. v but m
2	49.9	47.6	28.784	43.7	S	354	lost	0.240	o r q
3	45.4	45.6	28.906	43.7	W	304	0.144	0.329	o K
4	44.6	44.2	28.896	44.8	SW 6 S	265	0.024	0.045	37 q K
5	48.2	44.4	29.086	44.8	W 6 S	216	—	—	36 C & S
6	47.7	45.0	29.526	44.2	NW	118	0.021	0.060	35 v K
7	43.3	44.4	29.558	43.7	S	130	0.019	0.018	o K
8	47.2	43.8	29.504	41.8	SW	152	0.254	0.299	o K
9	51.2	46.0	29.142	42.0	SW	247	—	0.100	33 K
10	48.4	45.4	29.026	47.8	SW	96	—	0.041	33 v K
11	42.7	43.7	29.002	49.0	WSW	48	0.022	0.325	35 v K
12	45.6	44.3	29.398	42.3	NW	36	—	—	38 v K
13	46.3	45.2	28.698	40.6	SSE	300	0.125	0.269	o K, KS.
14	48.6	45.5	29.800	44.3	N	164	—	0.259	o v K, KS.
15	49.8	45.8	29.842	45.8	SW	75	—	—	o q K
16	49.2	47.2	29.734	50.8	W	92	—	—	o K, KS.
17	44.5	46.3	29.726	48.4	WNW	112	—	—	o K slight rain.
18	53.7	48.0	29.782	50.3	W	85	0.065	0.087	o K
19	57.4	50.0	29.836	45.0	SWNW	89	—	0.008	o K, KS.
20	58.6	52.3	29.744	53.8	SW	169	—	—	o q K
21	57.8	52.7	29.616	52.0	SW	167	—	—	o K, KS.
22	53.2	57.3	29.848	58.6	W	83	—	—	39 K
23	53.8	52.7	29.828	54.3	SE	61	0.014	0.058	o K K, KS.
24	58.3	54.0	29.812	53.6	S	119	0.017	0.020	o K, KS.
25	64.3	55.2	29.882	47.6	SSE	85	—	—	o v K, KS.
26	63.0	57.0	29.886	52.8	SE	99	—	—	o K
27	63.7	58.2	29.922	64.2	SE	110	—	—	—
28	61.3	58.5	29.972	57.8	SE	121	—	—	o K
29	57.8	57.3	30.072	56.2	SE	154	—	—	37 C. B. K.
30	58.8	54.5	29.840	58.7	SW 6 S	19	—	—	310.

As in rest of day, no wind found
in bottom of gauge.
have taken the quantity
of R. Gauge for the square

2.595 = 2.595

0.36

52.02

1874	Hygro			Anemo		Thermo			
April	E	A	Bar		Direct		Max	Min	
1	45.7	47.3	29.193	25.4 42.2	SW	300	53.6	36.	by v halo
2	41.9	46.	28.402	38.6 35.8	SEW	380	55.8	41.2	by v. CK
3	35.6	43.2	28.890	35.8 35.0	SSW	265	57.2	35.8	by K
4	38.2	43.5	28.950	38.0 35.8	SWS	274	57.2	33.0	by K & C Definition good.
5	34.5	45.8	29.276	34.5 38.4	WSS	160	54.0	36.0	by K & C
6	38.4	45.0	29.704	38.3 37.6	NWN	137	54.0	36.0	by K Definition very good
7	37.3	44.0	29.694	36.8 37.0	WSW	166	54.0	36.0	by K. N. Aurora, Steamers.
8	44.6	46.3	29.240	44.8 42.6	S	238	54.0	34.6	by K
9	38.5	46.0	29.068	38.3 36.8	SW	135	53.7	39.5	by K
10	36.6	45.0	28.972	36.7 38.7	W	96	53.5	37.0	by K & S.
11	38.8	46.5	29.208	37.4 42.2	NNE	52	52.7	33.0	by haze. K. W.
12	42.2	46.5	29.266	39.2 41.3	SE	127	55.0	32.7	by K. P. C.
13	41.2	44.8	29.348	39.7 42.2	NNE	157	54.5	38.5	by K
14	42.3	46.7	29.932	41.0 45.3	N	94	55.0	40.7	by v. Definition good.
15	45.3	47.5	29.836	44.0 43.6	NWN	89	53.7	37.0	by K.
16	43.3	47.2	29.714	40.7 44.6	W	184	53.3	41.8	by K
17	44.6	47	29.789	44.6 44.0	WLN	76	52.4	42	by dark
18	52.5	49.5	29.808	52.9 50.9	W	108	59.0	44.0	
19	50.3	52.2	29.790	50.3 53.3	SWW	200	64.0	48.8	by K
20	52.8	53.2	29.86	52.8 48.4	SSW	222	64.8	48.3	by K
21	48.0	53.6	29.706	47.3 45.0	W	162	62.7	48.8	by K light rain
22	45.3	52.0	29.906	45.8 51.2	WSS	81	60.6	42.2	by
23	57.0	54.3	29.796	50.0 55.4	SSW	133	64.2	42.5	by
24	55.3	55.3	29.850	54.4 55.3	SE	154	65.7	48.8	by K D. Heard a cornerake
25	54.5	56.6	29.900	54.2 59.3	SE	114	69.5	52.8	by K. W.
26	57.2	57.2	29.922	57.2 58.0	SE	197	69.0	53.6	by v. D.
27	58.3	60.0	29.910	56.0 56.5	ESE	139	71.6	55.2	by K. W.
28	56.2	59.0	30.044	57.8 45.1	SESE	170	65.6	53.2	by K
29	45.3	55.6	29.952	42.3 47.5	SESE	83	63.5	46.5	by v. Definition good.
30	47.2	55.2	29.782	45.2	SSW	62	66.0	40.8	by v. Definition splendid
	45.67	49.82	29.545				58.56	41.88	
	46.34						✓	✓	

1874	10. A. M.			Hydro.	Anemom.		Ombro.			
May	E	A	Barom.	Wind	Dir	Sp	Square	New		
1	53.2	55.0	29.858	54.0 49.7	E	63	--	--	0	K
2	51.4	52.7	29.976	51.8 45.3	ENE	61	--	--	66	K
3	49.8	51.5	29.722	51.0 45.2	N	32	--	--	0	K
4	49.6	51.5	29.782	50.5 44.8	N	46	--	--	0	K
5	48.3	50.7	29.870	49.7 44.1	NE	60	--	--	0	K & KB
6	45.7	50.7	29.654	46.7 45.8	N	71	0.119	0.150	0	K
7	46.0	49.3	29.602	45.8 43.2	NW	63	--	--	0	K
8	46.0	48.5	29.583	46.5 41.3	N	44	0.172	0.200	62	K
9	47.3	47.0	29.576	48.2 42.2	N	45	--	0.040	0	K
10	49.4	47.0	29.757	50.6 44.2	NW	34	Found the bottom of the gauge, clearer, so kept it to directly the bottom.	--	63	K
11	53.0	48.7	29.898	53.8 48.2	SE	24		--	0	K
12	50.7	48.8	30.058	51.7 46.6	E	42		--	--	--
13	50.7	49.7	30.122	51.0 47.7	SE	67		--	0	K
14	55.0	50.8	30.138	55.6 52.0	SW	20		0.010	0	K
15	51.8	51.5	30.116	52.3 47.0	E	113		0.135	65	K
16	50.8	51.2	30.140	52.2 49.3	SE	67		0.005	0	K
17	56.5	53.0	30.124	57.8 54.0	SE	45		0.046	0	K & KB
18	61.3	53.3	30.098	62.5 56.8	SE	19		--	64	K
19	57.8	53.5	30.118	58.5 57.6	NNE	40		--	66	K
20	55.3	54.3	30.094	56.8 52.8	ESE	67		--	0	K & KB
21	49.2	53.0	29.846	50.3 45.8	E	87		--	0	K & KB
22	63.9	53.4	29.523	54.0 49.2	ENE	106		--	0	K
23	57.0	54.0	29.402	59.8 54.2	NE	62		--	68	K
24	51.2	54.2	29.432	57.7 50.7	NNE	56	0.128	0.128	0	K
25	52.8	54.0	29.616	55.0 52.3	NNE	24	0.029	0.033	0	K
26	53.4	54.0	29.818	53.7 53.0	NNE	9	0.008	0.010	0	KB
27	59.6	54.3	29.780	61.3 53.8	S	28	--	--	--	--
28	56.7	55.3	29.700	57.8 50.8	SW	126	0.007	0.010	0	K
29	51.0	54.2	29.634	57.2 55.6	NNE	28	0.169	0.169	0	K & KB
30	57.8	55.2	29.440	57.2 55.6	SW	192	0.180	0.187	0	K
31	60.8	57.6	29.488	57.3	SW	170	--	--	0	K
	52.77	52.19	29.807				1.123	1.123		
	52.71						0.812 + 0.236 1.048			

1874

10. P. M.

Hygro

Anemom

Thermo

May	E	A	Barom	dry wt	Dir	Sp	Max	Min		
1	44.8	54.8	29.942	44.8 41.3	E	92	58.0	43.0	610.	D
2	44.2	54.0	29.902	41.0 39.3	S	73	57.0	39.0	610.	"
3	44.2	52.5	29.728	40.0 38.4	NEE	96	58.0	39.4	602	K
4	43.9	51.3	29.876	43.9 40.8	NNE	85	55.0	40.0	0	K
5	45.7	52.0	29.758	45.0 44.2	NW	80	56.5	41.8	0	K
6	39.2	50.0	29.632	38.6 37.6	NNW	93	53.3	40.4	69	K8.
7	40.3	49.8	29.594	40.2 39.0	NW	114	54.0	37.8	65	K in NW. Heavy hail showers
8	38.0	47.2	29.558	38.3 36.0	NNW	85	54.2	39.0	610	Definition very bad.
9	37.5	46.8	29.676	37.5 36.3	N	82	54.0	35.6	610.	Definition middling
10	45.4	50.0	29.816	45.7 42.2	EN	28	57.0	34.6	0	K.
11	44.7	51.0	29.981	44.7 41.2	SE	67	59.0	40.3	66	K
12	44.6	48.3	30.104	44.4 40.2	NE	83	57.3	37.3	610	Definition middling. Cloud stationary
13	47.4	51.0	30.144	47.7 46.6	SE	56	56.2	44.5	0	K
14	52.2	51.8	29.960	52.5 52.3	SW	78	57.3	43.0	0	4 g K8.
15	45.6	53.0	30.150	46.0 42.5	SEK	83	58.0	45.3	0	K+K8.
16	50.5	54.0	30.189	50.5 49.3	SE	82	—	—	0	—
17	50.6	54.3	30.102	51.2 49.8	SE	55	64.2	42.8	62	K. K8.
18	50.2	54.6	30.134	50.3 49.4	N	27	67.4	47.3	69	or K8. Definition good.
19	47.6	54.6	30.122	47.6 45.0	EN	94	67.3	46.2	69	or D K8. Definition good.
20	45.3	53.3	30.000	45.2 42.0	EN	91	60.8	45.8	0	C. C8. Few stars visible
21	47.7	54.3	29.690	47.8 46.1	ENE	131	57.0	44.8	62	K+K8.
22	49.2	53.7	29.450	49.4 48.2	E	99	56.0	46.5	0	K.
23	52.7	56.3	29.402	52.8 52.7	ENE	91	65.3	47.2	0	K+K8.
24	49.4	54.0	29.536	49.7 49.3	NNE	44	55.8	49.3	0	K+K8.
25	50.7	54.7	29.778	50.0 50.8	NNE	38	59.8	49.2	0	or K8.
26	53.0	55.6	29.836	53.4 51.6	NN	39	64.4	50.7	0	K
27	55.0	57.0	29.538	55.6 52.7	SW	167	64.0	46.2	0	g K
28	52.2	56.0	29.718	52.6 50.6	WSW	69	62.3	50.0	0	K
29	55.2	56.2	29.418	55.6 53.3	SSTW	135	61.6	48.6	0	g K
30	54.7	56.6	29.518	53.3 52.3	SW	170	65.0	50.4	0	K
31	52.7	57.8	29.594	52.2 49.6	SW	244	68.0	53.5	610. v.	Mising
	47.37	53.11	29.803				59.45	43.83		

59.5,

1874	10 A. M.			Hydro	Anemometer		Orbital				
June	E	A	Barom.	dry wet	Dir	Sp.	Square	Heur			
1	60.8	57.2	29.636	62.0 59.6	S	137	0.010	0.016	0	g	K
2	61.7	57.8	29.630	63.3 57.2	S	189	0.016	0.018	0	v	K
3	58.2	57.0	29.752	59.8 54.3	NE	42	0.006	0.008	0		K
4	62.2	58.8	30.122	63.5 60.3	SW	99	--	--	0		K+KS.
5	60.7	59.5	30.131	63.2 56.0	WIN	34	--	0.009	31		K
6	57.8	58.0	30.024	59.7 50.8	W	70	--	--	0		K
7	61.2	59.0	30.034	62.2 54.3	S	41	--	--	58		K
8	61.3	58.5	30.038	64.7 57.0	WGS	70	--	--			
9	64.8	60.5	29.738	66.7 61.5	SWWN	99	--	--	0		K
10	56.6	58.2	30.062	58.0 49.0	WNW	91	0.078	0.083			
11	59.2	59.6	29.936	61.0 57.7	W	166	0.037	0.040	0	7	K
12	54.2	54.3	30.324	54.8 46.7	NNE	61	--	--	69		CS
13	58.6	55.2	30.334	59.3 49.6	EN	26	--	--	610		
14	60.3	56.2	30.352	61.3 53.5	ENE	25	--	--	68		K
15	63.2	57.3	30.486	64.0 56.3	NEVE	19	--	--	610		
16	60.0	59.0	30.350	56.3 53.6	NNE	58	--	--	68		K
17	65.0	60.3	30.198	66.4 53.3	NEAN	74	--	--	610		
18	63.8	60.6	30.242	54.9 58.0	NE	47	--	--	610		
19	58.2	59.5	30.200	60.0 54.7	NNE	39	--	--	0		K
20	59.6	59.5	30.078	60.5 51.6	NNE	39	--	--	610		
21	62.6	63.4	29.844	61 58.6	WGS	28	--	--	62	KS. CK. K. v	
22	65.3	59.5	29.772	67.2 56.3	SWGS	32	--	--	65		K
23	62.0	61.5	29.502	63.0 57.8	SE	144	0.100	0.100	65		K
24	60.8	58.5	29.494	62.2 55.7	S	86	0.072	0.080	61		K. KS. C.
25	61.3	58.2	29.577	63.6 55.6	WN	31	--	0.009	0		K
26	60.7	58.6	29.538	62.3 54.3	NEAN	16	0.176	0.177	64	v	K
27	58.0	58.3	29.550	59.7 54.2	NWN	33	--	0.005	0		K+KS.
28	62	58	29.621	64 54.5	WN	23	0.004	--	65		K. KS.
29	61.7	59.0	29.686	63.3 57.7	NNE	18	0.198	0.190	0		K
30	63.2	60.3	29.586	64.5 62.2	S	69	0.157	0.150	0		K. KS.
	60.91	58.74	29.941				0.856	0.885			

1874	10. P.M.			Hygro	Anemom.		Thermom.		
June	E	A	Barom	dry wet	Dir	Sp	Max	Min	
1	57.3	58.6	29.618	57.8 54.3	S	213	67.7	52.0	0 q. K
2	52.8	58.3	29.746	53.3 52.2	WSW	115	66.7	54.0	0 K
3	57.2	59.2	30.082	57.7 55.9	SW	88	63.2	50.5	0 K
4	57.5	61.3	30.165	52.6 50.7	W	130	72.9	53.5	0 sm
5	57.8	61.4	30.032	50.7 49.2	WNW	57	67.7	54.2	5.10.
6	58.5	59.8	30.058	47.2 54.6	WNW	74	65.3	47.8	5.9 K.
7	54.2	58.7	30.042	53.0 54.4	W	80	68.0	47.7	5.2 K
8	54.3	60.0	30.035	52.3 54.7	WNW	76	72.0	49.5	5.8 Ks
9	54.1	59.2	29.931	53.7 53.5	WNW	164	69.0	53.5	0 dr Ks
10	51.7	59.2	30.124	53.6 50.4	W	97	63.6	49.8	0 K
11	45.2	54.3	30.194	45.1 41.8	N	154	63.6	45.8	5.9 CS Definition muddling
12	46.9	56.4	30.342	45.8 43.5	N	91	61.3	41.7	5.9 K+CS
13	47.7	55.3	30.320	43.7 45.5	N	62	64.4	42.0	5.10.
14	52.0	60.0	30.458	52.3 47.3	ES	73	67.2	43.8	5.10.
15	52.8	61.0	30.454	52.9 50.5	N	80	69.5	45.3	5.10.
16	54.0	59.8	30.258	52.3 52.3	NEW	127	70.3	49.6	5.10.
17	55.6	61.5	30.222	56.2 52.8	NE	132	74.5	50.8	5.10.
18	50.0	58.0	30.240	49.8 48.5	NE	99	68.0	50.8	5.10.
19	52.0	60.6	30.162	52.2 50.3	NEW	87	66.5	48.6	5.7 K.
20	54.6	62.0	29.976	55.3 49.8	WNW	45	69.2	47.3	0 K
21	54.7	60.5	29.772	55.2 52.4	WNW	58	70.0	53.7	0 K. K. Light rain.
22	54.2	62.0	29.714	54.7 52.0	SW	81	71.0	47.5	0 K
23	51.4	58.0	29.534	52.0 49.2	SW	130	68.8	52.0	5.3 K+Ks.
24	50.3	58.0	29.540	50.7 50.2	WNW	65	65.2	47.5	5.7 K D
25	50.3	57.0	29.544	60.8 50.6	N	36	67.2	48.2	5.9 K D
26	54.3	61.4	29.583	54.5 53.0	N	40	67.7	46.5	0 K
27	51.8	59.8	29.562	52.0 50.5	NW	60	67.0	48.3	5.8 K D
28	53.2	60.5	29.686	53.7 50.8	SE	62	70.5	47.3	5.1 K Lightning, thunder rain at 6.30 p.m.
29	53.7	59.5	29.720	56.2 53.7	N	34	68.7	48.7	0 K.
30	58.3	61.5	29.596	54.0 57.7	SW	146	68.8	52.4	0 K+Ks.
	52.83	59.43	29.957				67.85	49.08	
	52.98						67.9	✓	

1874	10. A. M.			Supp.	Anemom.		Ombro.			
July	E	A.	Barom.	dry wet	Dir	Sp	Square	Kew		
1	60.7	60.8	29.580	62.2 59.4	SW	109	0.256	0.275	0	K
2	60.5	61.8	29.372	65.3 62.3	SE	214	0.050	0.060	0	g K
3	65.3	61.6	29.402	66.9 59.3	SW	228	0.025	0.030	0	g K
4	57.8	59.3	29.572	60.1 55.1	SW	209	0.123	0.150	0	v g K+KS.
5	57.5	58.8	29.946	58.6 54.0	W	118	0.059	0.066	0	v K
6	59.3	59.0	30.072	61.5 57.5	WSW	48	—	0.0024	0	K
7	62	59.7	29.902	67.7 59.8	SW	63	—	—	0	v K+KS.
8	64.2	61.3	29.818	65.3 61.2	SW	94	0.026	0.030	0	K
9	66.3	63.0	29.890	67.8 63.6	SW	106	—	0.010	0	K
10	61.3	62.7	30.022	63.0 59.0	NW	35	—	—	0	v K
11	60.6	61.6	29.936	63.0 59.8	NE	8	—	0.010	0	K
12	61.0	59.3	29.866	61.8 55.7	NE	21	0.094	0.097	33	v C. CS. K
13	63.3	63.0	29.844	64.5 60.5	S	64	—	—	0	K
14	65.0	62.7	29.802	66.3 61.5	SW	76	0.203	0.209	0	v K
15	69.8	63.0	29.970	71.7 65.4	SW	—	0.047	0.053	0	K
16	72.3	63.5	29.976	74.3 63.7	SE	35	—	—	0	K+C
17	74.0	65.7	29.990	75.8 67.0	SSW	100	—	—	0	K
18	68.4	66.3	30.016	70.4 64.6	SE	108	—	—	0	v K
19	72.3	66.2	29.876	74.0 67.3	SW	60	—	—	0	K+KS
20	66.2	65.0	29.754	67.3 62.3	WSW	43	0.209	0.210	62	v K
21	61.5	64.5	29.538	63.2 61.3	WN	30	0.715	0.600	0	v K. KS.
22	67.7	62.5	29.632	64.8 63.3	SW	96	0.106	0.120	62	v K. KS.
23	59.8	63.0	29.602	61.3 57.2	SW	77	—	—	0	2 K
24	62.5	61.7	29.676	64.0 57.3	N	45	0.097	0.109	63	v K
25	64.2	60.7	29.702	64.9 60.0	SW	41	—	0.006	0	K. KS.
26	64.8	61.2	29.380	66.3 60.8	SW	91	0.267	0.263	62	K
27	63.3	60.7	29.492	64.6 58.3	SW	109	0.110	0.120	65	v K
28	59.8	60.7	29.400	61.3 56.4	SW	58	0.713	0.710	0	g K. KS.
29	63.2	60.2	29.574	64.3 58.3	SW	29	—	0.004	66	v K
30	62.8	61.7	29.732	64.8 58.8	SW	75	—	0.007	0	v K+KS
31	61.2	61.2	29.652	62.7 61.4	SSW	88	0.135	0.140		
	64.06	62.01	29.739				3.235	3.283		

1874	10. P.M.			Hygro	Anemometer		Thermometer		
July	E	N	Barom.	dew wt.	Dir	Sp	Max	Min	
1	60.9	62.0	29.518	61.6 59.8	SW	168	67.9	56.5	0
2	58.3	63.0	29.406	59.0 56.3	S	223	73.3	58.7	38 y K
3	55.2	62.8	29.508	55.8 53.3	SWWS	224	69.7	54.7	36 y K
4	54.3	59.0	29.752	54.8 52.7	SW	208	64.0	53.5	0 K
5	50.3	59.8	30.036	50.8 49.4	WWS	81	64.5	54.7	37 v K
6	52.8	60.0	29.996	55.7 52.3	SW	74	67.0	54.3	0 K. K.S.
7	56.6	62.0	29.780	57.3 56.2	SW	75	71.5	55.7	0 K.
8	62.7	64.0	29.832	60.3 58.5	S	112	75.0	55.3	0 K
9	57.8	64.3	30.004	58.3 54.6	NW	68	75.0	59.3	0 K. K.S.
10	54.0	63.0	30.008	58.5 51.2	NNE	36	69.0	55.8	31 K. K.S.
11	51.3	61.2	29.700	50.8 49.8	NNE	34	68.0	52.3	39 v. K
12	59.0	63.3	29.862	53.5 51.8	SE	68	69.0	43.7	0 K
13	62.2	64.0	29.758	62.6 59.5	SW	108	71.2	57.6	31 K.
14	59.5	64.0	29.888	58.0 61.8	W	—	73.0	56.5	0 K
15	60.8	64.3	30.012	57.8 54.7	SE	52	72.8	56.7	0 K. K.S.
16	63.8	66.3	29.742	60.0 66.0	SE	154	74.0	57.3	39 C
17	65.2	67.8	29.992	62.0 62.2	SE	112	80.0	60.0	310
18	61.3	66.8	29.736	57.3 59.0	SE	141	78.0	51.3	310
19	58.3	65.6	29.846	58.4 58.0	WNW	49	76.0	59.0	0 K
20	58.4	65.7	29.614	58.0 55.3	S	68	73.3	57.8	0 K
21	54.8	62.0	29.632	53.0 54.6	SW	113	68.2	55.7	37 K
22	56.7	64.7	29.602	55.0 54.0	SW	109	72.6	52.5	0 K
23	53.3	62.7	29.630	53.2 54.3	SWWS	69	67.0	53.6	33 K.
24	54.2	63.0	29.804	50.8 53.8	NW	69	69.6	53.7	30 v. D.
25	55.2	60.8	29.480	53.3 53.8	S	139	69.4	49.3	0 K
26	53.3	64.3	29.376	52.3 56.0	SW	118	68.7	52.0	39 K.
27	55.5	62.0	29.380	52.3 55.2	SE	103	70.0	52.5	31 K. K.S. D. Thunder at 3.30 p.m.
28	54.3	63.0	29.494	52.9 59.0	SW	51	70.8	52.2	35 K. K.S. D.
29	58.3	63.5	29.662	57.0 56.2	W	56	72.0	48.7	0 K.
30	55.5	62.8	29.800	52.4 56.5	WN	86	70.2	53.3	0 K. K.S.
31	56.0	62.0	29.662	54.8	WN	153	66.0	55.3	0 K
	57.15	63.05	29.747				70.93	54.30	
							✓	54.3 ✓	

1874	10 A.M.			Aug. 30.	Anemom.		Ombro.			
August.	E	N.	Barom.	dry wt.	Dir	Sp.	Square	Wet.		
1	62.3	61.0	29.704	62.0 57.0 63.8	WWS	84	0.033	0.048	0	K.
2	62.3	62.7	29.442	58.7 53.3	WSTW	145	0.007	0.010	0	g K+LS
3	55.0	60.0	29.754	53.2 55.0	WNW	90	0.058	0.058	0	r W. KB.
4	53.6	58.5	29.518	54.2 58.6	NE	103	0.590	0.585	0	r K. KB.
5	57.0	58.6	29.296	57.5 59.8	SWW	113	0.097	0.100	0	KB.
6	58.7	57.5	29.712	58.4 64.8	WWS	91	—	—	0	r K. KB.
7	63.4	61.3	29.324	61.3 53.0	SW	210	0.168	0.172	62	v K
8	52.9	57.7	29.358	53.0 60.3	SWWN	119	0.269	0.275	0	r KB.
9	58.8	57.3	29.556	56.7 60.3	SW	88	0.103	0.120	51	K
10	52.4	58.6	29.204	57.1 58.7	SW	108	0.133	0.125	65	KS
11	57.0	57.8	29.423	58.7 58.6	SWN	148	0.380	0.380	66	K. KS
12	57.4	56.5	29.418	58.7 59.3	SWN	135	—	—	0	KS
13	57.7	57.9	29.176	59.3 58.2	NE	42	—	0.060	61	KS. C
14	58.2	57	29.391	58.2 56.5	NW	119	0.823	0.755	63	m KS
15	53.4	56.0	29.371	57.7 60.6	SW	125	0.138	0.140	0	r K. KB.
16	57.8	56.5	29.695	55.2 62.8	SW	83	0.017	0.026	0	K.
17	53.0	56.3	29.926	57.3 64.3	SW	109	0.066	0.060	0	r K. KB.
18	62.8	58.5	29.984	61.5 72.7	WWS	150	0.059	0.070	0	K. KB.
19	70.7	60.0	30.124	66.8 65.9	SW	72	—	—	63	v K. C.
20	64.0	62.0	30.232	63.2 68.2	NEWN	23	—	—	0	K. KB.
21	66.8	62.2	30.314	65.2 69.6	ENE	39	—	—	0	K. KB.
22	63.4	63.0	30.254	65.0 62.4	ELS	6	—	0.005	610	.
23	61.4	62.7	30.194	60.5 67.4	NEWN	26	—	0.005	610	.
24	66.3	62.7	30.028	64.0 63.4	SE	8	—	0.005	0	K
25	62.3	63.5	29.969	63.2 62.2	NE	24	0.072	0.070	62	KS gloomy & misty
26	67.3	63.7	29.846	62.9 52.7	SWWS	20	—	—	63	KS. C. m
27	53.0	61.6	29.504	53.2 60.3	W	97	0.350	0.345	0	K. KB.
28	59.5	58.6	29.584	55.8 58.2	SWWS	72	0.045	0.050	0	K
29	57.7	58.0	29.434	52.4 58.7	SW	94	0.006	0.010	65	K
30	57.3	58.0	29.494	58.7 60.3	SWWS	100	0.105	0.130	0	K. KB.
31	59.2	57.5	29.372	55.5	SSTW	142	0.265	0.279	0	K. KB.
	59.73	59.39	29.661				3.779	3.883		

fog all afternoon, night

1874

10. P. M.

Hydro.

Anemom.

Thermom.

August.

E

A

Barom.

Dry
wet

Dir

Sp.

Max

Min

1	61.2	63.8	29.570	62.0 59.8	NE	116	71.2	53.8	0 q	K. W.
2	52.8	61.3	29.564	53.2 51.8	W	195	66.7	53.8	0 y.	K. Drising
3	52.7	61.0	29.750	53.2 51.8	WSTW	90	66.0	49.5	0	K
4	50.3	56.3	29.704	50.6 50.3	WWS	78	62.0	50.5	0	K. K. C.
5	50.3	58.5	29.520	49.2 56.7	NWWS	136	65.3	48.8	0	K.
6	56.4	59.5	29.495	57.7 52.8	S	96	66.7	49.8	0 g	K.
7	52.3	59.3	29.536	52.2 52.3	SW	110	70.3	53.2	0	Definition splendid.
8	52.0	58.6	29.568	52.5 55.2	NWWS	135	66.2	50.3	0	K. K.
9	54.7	59.0	29.282	52.7 52.5	SWWS	119	67.0	48.3	0	K. K.
10	53.5	59.0	29.252	52.5 49.8	WWS	147	67.4	53	0	dark blueberry
11	49.5	58.	29.448	48.2 48.8	SWWS	145	63.9	50.1	0	light drizzle bright stars
12	52.9	56	29.336	49.9 50.8	WWS	43	65.6	59.6	0	X S
13	50.9	56.5	29.110	50.2 50.2	NWWS	126	61.1	50.2	?	
14	52.6	57.8	29.564	53.4 54.0	NWWS	148	63.9	53	0 g	(Min = 53)
15	53.4	57.8	29.695	52.3 52.6	WWS	109	65.0	49.6	0 g	K.
16	52.3	57.3	29.814	51.5 52.0	SWWS	157	64.4	49.5	0	K.
17	53.3	58.0	29.936	52.3 58.3	SW	66	64.5	49.0	0 g	K.
18	57.5	60.8	30.110	57.0 60.7	SW	109	72.5	53.3	0	Definition splendid
19	59.8	63.5	30.172	60.3 57.7	WSTW	55	76.0	52.5	0	Definition splendid
20	57.2	63.3	30.286	56.7 61.7	NWWS	61	74.6	57.3	0	Definition very good
21	60.7	64.6	29.294	60.3 62.0	SE	29	74.2	53.6	0	K. New bright stars.
22	61.4	66.0	30.222	61.3 58.0	NNE	32	76.2	56.3	0	K.
23	57.3	64.3	30.138	57.7 59.7	SE	39	75.5	54.3	0	CS.
24	59.2	64.6	29.778	58.4 57.6	NWWS	27	71.8	51.4	0	K.
25	57.7	62.2	29.958	57.6 60.8	NNE	35	67	56.9	0 g	except westward.
26	60.0	64.0	29.636	58.8 48.7	SSW	81	71.3	53.2	0	K. K.
27	48.2	55.7	29.592	47.8 51.0	W	68	64.3	49.5	0	Definition middling
28	50.5	59.0	29.472	49.2 48.7	SSW	145	64.7	47.5	0	K.
29	48.0	58.0	29.528	47.2 53.3	SW	84	64.7	48.5	0	K.
30	48.8	58.0	29.304	52.2 57.8	SSE	118	61.3	48.7	0	K.
31	57.3	59.0	29.262	55.3	SSE	148	64.5	50.7	0 g	K.

54.52 60.02 29.642

67.52 57.83

54.54

N

51.9

1874	10. A. M.			Hydro	Anemom.		Ombro			
September	K	A	Barom	drift w. s. f.	Dir	Sp	Square	Round		
1	57.3	58.8	29.192	57.7 53.5	SWWS	250	0.310	0.315	0	K
2	57.6	57.3	29.344	60.4 53.58	SSTW	205	0.061	0.067	65	K.
3	58.4	58.0	29.502	59.3 54.7	SWWS	156	0.040	0.052	62	K.
4	56.0	56.7	29.596	57.8 52.6	SWNW	125	0.170	0.175	62	K + K8.
5	55.3	55.8	29.776	56.6 52.8	WSTW	87	0.087	0.093	0	K. K8.
6	54.7	55.3	29.704	55.8 54.5	E	51	0.046	0.050	0	K8
7	57.3	56.5	29.742	57.8 55.7	SSTW	49	0.083	0.060	0	K. K8
8	56.4	56.0	29.618	54.5 54.3	SW	75	0.034	0.038	0 g	K. K8.
9	54.3	54.8	29.184	53.0 51.8	SWWS	99	0.400	0.400	63	K. K8. C
10	53.0	53.8	29.144	53.7 50.9	SWNW	196	0.050	0.058	62 g	K. K8.
11	52.2	53.3	29.280	53.6 52.3	PSTW	103	0.282	0.290	0	K8. <i>Smoothing</i>
12	56.3	53.6	29.598	51.2 47.3	NTW	59	0.149	0.150	62	K
13	54.6	54.4	30.050	55.4 51.7	W	22	few drops	--	0	K. K8.
14	56.7	63.6	30.010	56.7 52.0	W	139	--	--	65 g	C
15	57.6	66.5	29.720	59.6 54.7	W	223	0.020	0.025	0 g	K
16	53.0	64.0	29.950	53.0 48.6	W	29	0.020	0.027	63	From M. Call.
17	53.2	52.6	29.748	53.6 51.3	STW	63	0.026	0.007	67.	K + C
18	54.8	54.3	29.702	56.0 51.5	W	105	0.006	0.020	0	K
19	57.5	54.8	29.590	58.7 55.6	SSTW	136	0.003	0.010	0 g	K. K8.
20	58.8	56.4	29.682	59.8 57.9	S	217	0.033	0.062	0 g g	K. K8.
21	56.5	56.0	29.400	57.3 56.1	E	84	0.023	0.032	0 g	K8.
22	55.6	55.4	29.112	56.3 53.7	SSE	223	0.352	0.350	0 r g	K. K8.
23	57.2	55.3	29.682	58.2 55.2	SWWS	179	0.101	0.110	0	K
24	56.3	55.0	29.700	57.2 54.2	SWWS	39	0.003	0.005	0	K
25	57.2	56.0	29.912	57.7 54.7	SWWS	106	--	--		
26	53.8	55.2	30.002	55.2 50.8	NWSTW	17	0.342	0.365	0	K. K8.
27	59.3	56.0	29.748	60.0 56.8	S	28	--	--	610. v.	
28	59.7	57.7	29.306	60.5 57.6	NEUE	163	--	--	0	K
29	49.4	54.2	29.214	50.3 47.0	NEUE	68	0.461	0.486	0 g	K. long fine morning.
30	51.3	50.8	29.406	57.6 47.7	S	176	0.168	0.175	68	C8. K
	55.83	56.27	29.688				3.252	3.422		

55.85

1874	10. P. M.			Height	Anemom		Thermom				
September	E	N	Barom.	dry wt	Dir	Sp	Max	Min			
1	51.5	57.8	29.362	51.9 50.0	SSE	187	64.7	51.8	59	D	K. Definition very good.
2	52.4	58.2	29.504	52.7 50.7	SSW	190	65.0	51.3	610.		Definition very good.
3	51.9	58.0	29.564	52.3 50.7	WWS	99	65.2	47.5	0	K. KS	
4	48.6	56.1	29.802	48.8 47.8	NWWS	98	61.3	48.7	69	KS	Definition muddling
5	51.3	56.0	29.740	51.8 50.3	WSW	65	58.0	47.8	0	g K. KS	
6	51.7	57.0	29.746	52.3 51.7	SEWS	53	61.0	50.0	0	K	
7	53.2	57.7	29.716	53.7 53.3	SWWS	65	64.3	52.8	0	g K	
8	52.8	56.5	29.318	53.0 52.8	SSW	141	60.6	47.0	0	14 K	
9	47.2	54.0	29.070	47.3 45.7	SWWS	158	59.3	44.7	67	g KS	
10	46.6	54.0	29.374	46.7 46.7	WSW	159	58.7	47.0	610.		
11	51.2	54.4	29.282	51.5 50.0	WWS	63	59.5	46.0	0	g K. KS	
12	48.2	55.0	29.876	48.2 47.9	NTW	80	62.0	46.3	610.		Definition good.
13	49.8	54.8	30.074	50.2 47.7	SEWS	33	61.0	46.8	69	KS	
14	59.0	65.8	29.838	59.0 56.3	SSW	247	61.5	45.9	0	v	
15	50.7	65.6	29.952	50.7 49.7	NTW	66	61.5	55.7	65.		
16	46.7	60.6	29.893	46.7 45.1	SW	35	61.7	55.7	610.		From Mr. Call.
17	51.2	55.0	29.576	51.3 50.4	SWWS	156	64.5	42.0	63	K.	
18	52.0	55.0	29.722	52.7 50.7	TV	81	60.3	49.5	0	g K. KS	
19	54.0	55.8	29.512	54.4 52.2	SWW	208	62.0	51.3	65.	g K.	
20	55.7	56.3	29.482	56.3 54.2	S	150	62.5	53.8	0	g K.	
21	50.6	55.3	29.254	50.8 49.3	SSE	97	60.2	57.2	610. v.		Definition good.
22	51.5	54.6	29.436	52.0 50.8	SSE	226	59.3	50.6	0	14 g.	
23	50.0	53.3	29.834	51.0 50.7	SWWS	83	62.5	50.3	0	K	
24	53.3	56.5	29.924	53.8 51.2	SW	100	62.4	46.5	0	K.	
25	52.7	56.0	29.980	53.0 52.0	W	42	61.0	52.8	0	10 g KS.	
26	53.8	56.0	29.858	54.3 53.8	SSE	40	58.8	50.3	0	K	
27	54.3	57.0	29.598	54.5 53.7	EWS	56	64.3	51.8	67	K. D	
28	51.2	56.7	29.220	51.5 51.3	SEWS	165	64.4	52.2	0	K.	Rained from 2 nd p.m.
29	43.2	49.7	29.506	43.3 41.4	SW	175	54.2	43.0	610. v.	D.	
30	44.7	51.7	29.446	44.8 43.0	SSW	151	67.0	41.3	610. v	D	
	51.13	56.41	29.609				61.26	49.12			

1874	10 A.M.			Hygro	Anemom.		Ombro			
October	E	A	Barom.	dry & wet	Dir.	Sp.	Square	Wet.		
1	48.3	49.8	29.564	48.8 47.7	WWS	60	--	--	bb.	CS. K.
2	45.7	51.9	28.284	46. 44.5	S.W	240	0.062	0.078	0. g.	K +, gloomy
3	49.8	50.7	29.113	50.6 49.3	W	171	.183	0.220	0 g	K +
4	49.2	49.1	29.246	48.5 45.3	NW & W	89	.012	0.006	86	HC
5	49.1	48.7	29.797	49.5 47.2	W & S	90	.003	0.004	46	S. K
6	51.8	50.7	29.164	52.3 51.7	SS.W	145	.429	0.437	0	g. + K
7	49-	51	29.502	48- 47.8 45.2	W. N & W	104	.382	0.365	6.1	K
8	44.7	46.8	29.611	41.1	S.W	64	.002	--	69	CS Night
9	50.4	49.9	29.347	50.9 48.7	S.W	228	.023	0.170	6.4	K.C.S
10	52.7	52.1	29.595	53.6 52.2	S.W	153	.097	0.095	0	KS
11	52.8	50.9	29.674	52.7 51.1	SS.W	173	.028	0.030	0	+ K.C.S
12	52.4	51.4	29.614	52.9 52.2	S	74	.243	0.250	0	+ g. K
13	49.4	52.1	29.768	48.3 46.4	N	97	.366	0.353	6.8	v CS
14	53.6	51.3	29.175	54.2 50.9	S	97	--	--	0	g KS
15	52.8	52.2	29.823	53.3 52.6	S. S. E	130	.302	0.350	0	+ g KS
16	47.8	49.1	29.522	48.7 46.8	S.W	80	.177	0.185	6.10	v
17	54.9	52.1	29.374	55.8 52.9	SW & S	273	.371	0.365	6.4	g K
18	55.3	52.4	29.436	55.9 53.9	S	194	.007	0.077	0	g v HSC
19	47.8	50.9	29.566	48.5 47.2	W	--	.179	0.195	6.2	+ KS
20	48.8	49.8	29.794	49.2 48.4	S	147	.025	0.020	0	g + AS
21	46.4	50.-	29.352	46.9 41.1	W	359	.244	0.167	6.10	g v slight scattered C
22	46.6	48.8	29.566	46.9 43.8	W	74	.013	0.011	6.10	v
23	45.5	46.9	29.846	45.9 44.4	SW & W	53	--	--	0	HSC
24	49.4	47.7	29.639	49.9 47.7	S	169	--	--	0	vg KS
25	50.6	51.3	29.453	51.5 49.7	S	196	.166	0.168	0	H Eclipse 5 1/2 AM. Wet
26	42.3	41.8	29.755	43.9 43.2	W	41	--	--	0	d K
27	50.1	49.9	29.752	50.2 50.-	SS.W	74	.241	0.247	6.3	HC
28	41.7	47.1	29.196	41.8 41.1	SS.W	15	--	0.004	0	f HSC
29	46.2	46.8	30.003	46.8 45.8	N	12	--	0.004	6.8	m S slight
30	48.7	48.9	30.224	49.3 47.9	N	44	--	--	0	mg K
31	45.3	57.8	30.224	45.4 43.1	N.E. & N	50	--	--	0	mg K
	48.94 48.00	49.66 50.16	29.474 570				3.757	3.801		

1871	10. P.M.			Hygro	Anemom		Thermom			
October	E	W	Barom	Wet	Dir	Sp.	Max	Min		
1	49.1	43.8	29.363	49.7 47.5	SSW	95	58.	39.3	0	g - g. K. S
2	45.3	49.9	28.865	45.1 44.3	S.W	189	44.8	41.2	0	r g K
3	43.6	50.1	29.196	44.2 41.9	WWN	148	55.8	42.2	96	K S on horizon Bright Stars
4	41.1	50.	29.585	54.2 40.	W	109	54.2	40.	76	K.S.C Two Stars
5	45.0	49.2	29.705	45.6 44.1	S.W & W	89	52.8	38.2	0	g K
6	47.9	51.1	28.934	47.9 47.6	S.W	144	56.9	48	26	K - aurora white on horizon NW
7	38.3	47.2	29.563	37.8 37.	NW	105	52.8	37.1	6.10	bright stars
8	31.8	50.	29.205	38.2 49.7	N.E. & E.	295	53.2	32.5	0	g. & d K very dark
9	50.4	51.1	29.473	49.9 48.3	S.W & W	161	57.1	41.9	0	g. & r K
10	48.4	52.	29.865	48.1 45.6	S.	109	57.2	46.8	0	g K
11	48.9	51.9	29.799	48.7 46.8	S.	131	56.8	45.6	0	g. K
12	53.1	53.5	29.623	53.2 53.1	S.W & W	130	57.2	46.2	0	g. r K
13	41.8	51.9	29.753	43.1 41.2	N.	60	55.1	40.3	6.10	Stars
14	52.9	52.9	29.205	53.1 50.2	S	252	58.1	39.2	0	g. K
15	44.9	52.2	29.205	44.9 44.0	S.W	57	56.4	44.9	6.10	Stars
16	48.3	51.8	29.416	48.3 45.1	S	150	54.9	39.3	0	g. & v K & C
17	48.9	53.8	29.463	48.0 47.6	S	214	58.1	36.2	6.10	Stars
18	51.2	52.8	29.377	50.9 49.7	S	—	58.3	47.4	0	K.
19	41.3	50.4	29.914	40.9 40.3	SSW	89	57.7	40.3	6.10	v Bright moon & stars
20	49.8	52.9	29.513	49.8 49.5	S	221	53.9	39.4	0	g. & r K
21	43.2	49.3	29.576	43.2 41.4	S.W & W	174	53.14	38.8	6.2	v S
22	39.2	47.9	29.759	39.1 38.7	W	84	52—	38.2	6.1	v K.C. moon partially clouded
23	43.8	48.3	29.746	44.3 41.9	S.W & S	72	50.9	34.8	6.1	v K.S. misty moon
24	54.2	51.3	29.365	54.1 53.5	S	273	56.1	42.2	0	d g K
25	42.3	49.9	29.879	42.6 41.4	S	157	57.2	41.8	6.10	v Bright moon
26	48.1	49.4	29.694	48.6 48.4	WNW & W	31	52.9	39.3	0	g. d K
27	43.9	51.—	29.914	43.9 43.6	SSW	36	54.9	43.2	6.6	K.S.C moon half clouded
28	41.4	48.3	30.003	41.3 40.5	N	35	53.1	38.2	6.10	Slight S. Moon bright & stars
29	47.8	49.8	30.117	47.8 46.4	N	75	55.2	37.9	6.2	g K
30	45.4	48.9	30.259	45.9 45.3	N.E. & N.	52	51.9	42.4	0	g K.S.
31	42.9	47.9	30.147	43.1 41.2	NNE	29	54.7	42.2	0	g K very dark
	46.28	49.88 50.34	29.88 50.57				54.79	40.89		
							✓	40.9		

1874	10. A.M.		Barom		Therm	Anemom	Ombro.			
November	E	A	Barom		Therm	Dir	Sp	Square	Wew	
1	44.3	46.8	30.026	44.6	N.E. 6 N	45	—	0.010	o	gd K
2	49.2	47.2	29.720	45.9	N.E.	89	0.287	0.309	o	f KS
3	46.9	46.5	29.720	46.2	S	127	0.022	0.018	o	KS N
4	53.2	50.3	29.762	52.2	S	204	0.161	0.075	o	
5	48.1	49.1	29.776	47.6	SW 6 S	124	—	—	o	
6	42.2	46.0	30.002	43.0	SW 6 S	84	0.029	0.030	o	bl. v.
7	47.3	47.0	30.106	47.6	SW 6 S	176	—	—	o	K
8	48.5	47.2	30.128	48.2	S	152	—	—	o	g KS.
9	52.0	50.0	30.018	52.0	S	85	0.005	0.010	o	g f K.
10	42.2	47.3	30.046	42.2	N.W. 6 W	112	—	0.005	o	bp. K
11	40.3	44.2	29.992	40.3	N.W. 6 W	96	0.004	0.005	o	K. KS.
12	39.1	40.8	30.004	39.1	SW 6 W	44	0.049	0.005	o	K.
13	44.3	43.8	29.852	44.3	N.W.	132	0.017	0.005	o	K.
14	45.4	44.0	30.010	45.4	N 6 S	61	0.050	0.050	o	K. KS.
15	46.2	46.0	29.718	46.2	N 6 S	172	0.015	0.020	o	K.
16	46.8	45.0	29.520	46.8	W	185	0.124	0.125	o	K. KS.
17	46.3	46.8	29.678	46.3	W.N.W.	179	0.206	0.218	o	K.
18	53.3	48.8	29.532	53.3	SW 6 W	178	0.366	0.380	o	K.
19	43.5	47.2	29.478	43.5	W	169	0.051	0.050	o	g v K.
20	40.3	30.2	29.828	40.3	SW 6 W	77	0.011	0.008	o	CS.
21	42.9	43.3	29.826	42.9	S 6 E	20	—	0.003	o	KS.
22	46.5	45.8	29.638	46.5	ESE	240	0.013	0.013	o	K.
23	47.2	46.6	29.824	47.2	SSE	131	0.110	0.117	o	g K. KS.
24	47.7	46.2	29.734	47.7	SE	152	—	0.005	o	K.
25	51.4	48.6	29.374	51.4	S 6 E	201	0.200	0.210	o	K.
26	41.1	44	29.427	41.1	SS 6 W	84	0.235	0.234	o	5 v. KS
27	43.6	44.3	29.353	43.6	S	92	0.004	0.050	o	KS
28	45.5	45.0	29.174	45.5	SW 6 W	66	0.015	0.015	o	K.
29	39.0	44.7	28.594	39.0	N.W. 6 N	184	1.030	1.002	o	g KS
30	35.9	41.4	28.748	35.9	W 6 S	99	0.033	0.027	o	f
	45.35	46.15	29.689				3.087	3.159		

Hoar frost
Hoar frost

1874	10. P. M.			Hygrom	Anemom.		Thermom.			
November	E	A	Barom	Dry wet	Dir	Sp	Max	Min		
O	1	42.1	47.	29.954	42.1 41.3	S E. 6 E.	65	51.3	39.2	o g K.
	2	45.5	45.8	29.781	45.4 45.2	SW	63	53	48.7	61 - g - m
	3	52.1	49 -	29.732	52.3 52	SW	203	54	39	o g
	4	49.5	49.5	29.663	48.6 47.5	S	227	56	48	66 C.K. - a slight film all over sky
	5	42.5	47.6	29.884	43.0 42.5	SWWS	58	51.7	40.8	o K.
	6	41.0	46.7	29.974	41.2 40.2	SSW	147	49.4	36.3	68. KS.
	7	43.2	47.6	30.142	43.3 42.7	S	133	53.2	36.2	310. v.
O	8	50.0	48.5	30.108	50.3 50.2	STW	80	52.5	41.8	o g.
	9	57.8	51.0	29.886	52.3 51.7	SWW	211	57.8	49.3	o r g
	10	35.0	44.5	30.112	34.9 33.2	TWNW	95	52.5	35.0	65 K. KS.
	11	32.0	41.8	29.940	31.8 32.0	N.NW	122	44.0	32.0	69 K. Sleet in evening.
	12	39.0	42.3	29.896	39.0 37.3	W	99	43.3	31.3	66 K.
	13	40.2	43.0	29.976	40.2 38.8	N.NW	104	48.0	38.0	o K.
	14	47.7	45.3	29.896	48.2 47.3	WSW	116	51.2	39.5	o g K
O	15	44.6	46.0	29.508	46.7 42.8	WNW	172	51.3	43.4	o g K.
	16	47.7	47.0	29.450	48.0 47.5	N.W.W	192	54.0	41.8	o g K.
	17	50.2	49.2	29.614	50.4 49.9	STW	116	53.6	40	r
	18	44.8	48.0	29.574	45.0 43.6	SWW	178	56.0	45.3	o K Halo round moon
	19	43.4	46.3	29.632	44.7 43.3	WSW	177	49.0	41.8	o K
	20	36.4	44.6	29.840	36.0 35.7	SSW	62	46.7	38.8	o f K. KS. Halo.
	21	45.4	45.3	29.770	45.7 44.3	SE	108	49.2	34.8	o K. KS.
O	22	47.5	47.0	29.674	47.8 46.5	SE	238	50.3	44.7	o KS
	23	44.7	46.0	29.850	45.2 43.5	SSE	121	50.7	44.2	o K.
	24	48.0	47.8	29.550	48.3 47.7	SSE	233	54.4	44.3	o K K
	25	41.1	47.3	29.450	41.6 41.2	S.S.E.	87	54.8	41.4	6.7 v. C.S. Bright moon
	26	44.2	45.4	29.394	44.2 42.2	S	171	46.9	38.2	o d K
	27	44.8	45.0	29.300	41.6 42.7	WSW	42	47.3	38.5	o K.
	28	42.5	44.7	28.736	42.0 39.0	NE	158	47.8	41.6	o g r K.
O	29	38.7	43.2	28.656	37.8 39.6	WWS	106	46.7	38.6	o g K.
	30	39.4	41.7	29.028	37.2	N.N.E	135	42.0	34.0	o g K.
	43.70	46.14	29.663				50.65	39.95		
							50.7 ✓	40.0 ✓		

1871 December	10. A. M			Hygro	Anemom		Ombro			
	E	A	Barom	Temp	Dir	Sp	Square	How		
1	36.3	41.2	29.384	36.3	N	107	0.046	0.058	34	K.
2	29.8	37.2	29.516	34.4	W	47	Snow.	--	by v	K
3	37.5	38.0	29.774	29.8	SSTW	145	0.033	0.040	0	K. K.S.
4	41.1	39.6	29.603	28.7	SSTW	183	0.023	0.030	0	KS
5	43.2	42.2	29.391	37.5	TWSTW	169	0.185	0.200	33	C. K. KS
6	38.3	41.7	29.154	32.4	STW	124	0.109	0.115	0	K
7	34.5	39.0	29.664	41.7	W	155	Snow.	0.035	0	K Quowing
8	45.4	40.6	28.840	40.8	SE	191	0.460	0.347	0	K C.K.S.
9	35.2	39.2	29.292	43.3	W	151	0.560	0.580	0	K. C.S.
10	32.0	36.7	29.520	42.2	W	36	--	--	31	KS, CS
11	40.0	39.5	28.321	38.8	SWBS	251	0.495	0.460	0	K
12	38.2	39.3	29.100	37.5	NWUN	90	0.048	0.053	0	K. KS.
13	31.3	36.0	29.512	36.3	N	21	--	--	310. V.	
14	29.3	34.5	29.704	31.3	NW	28	--	--	310.	
15	32.3	35.0	29.668	30.2	SSTW	15	--	--	0	KS
16	33.0	35.7	29.636	29.7	N. NE	116	0.170	0.170	0	KS.
17	26.0	31.0	30.096	29.0	S	31	--	--	36	K.
18	34.2	33.3	29.814	32.3	STW	112	--	0.010	0	KS.
19	38.8	35.6	29.788	31.4	W	95	0.235	0.256	0	KS. C.
20	38.2	36.2	29.530	32.0	W	156	0.021	0.012	0	K
21	33.0	35.7	29.402	32.3	SWW	47	--	0.006	38	K
22	31.0	34.0	29.518	31.3	ENE	33	--	0.000	0	K
23	34.2	34.0	29.604	29.6	SE	47	--	--	0	K.S.
24	35.5	36.3	29.364	34.3	NEUN	37	0.090	0.113	0	KS
25	31.4	34.8	29.548	35.6	SWW	66	--	--	35	C. CS K.
26	31.7	34.5	29.748	31.0	STW	89	--	--	310.	
27	30.3	33.8	29.976	30.5	STW	52	--	--	310.	
28	33.3	35.8	29.996	30.0	STW	14	--	0.067	0	f.
29	33.3	35.6	29.862	33.3	SSTW	68	0.368	0.320		
30	30	33	30.048	32.7	NE	130	--	0.070	6.	CS
31	29.3	31.2	29.908	31.0	NEUN	53	--	0.050	33	K. KS.
	34.45	36.46	29.573	29.5			2.843	2.992		

1874	10 P.M.			Hygrom	Anemom		Thermom			
(December)	F	A	Barom	Wet Wet	Dir	Sp	Max	Min		
1	29.4	38.8	29.578	29.0 28.7	N.W	105	42.4	29.5	69	Snow on ground.
2	29.2	37.0	29.846	28.5	SW	61	36.0	25.3	0	K
3	33.7	38.1	29.888	33.6 33.2	SW	100	43.8	29	68	CK. slight aurora calm
4	48.0	42.8	29.378	48.4 48.2	SWWS	255.	50.0	32.3	0	K
5	45.0	43.0	29.164	45.2 44.3	SW	227	50.8	40.3	0	K. KS.
6	34.3	39.2	29.416	34.2 33.3	W	180	48.0	33.4	0	K. Snowing began 8 th rs. Lightning
7	33.6	38.7	29.656	33.7 33.2	W	144	41.5	31.8	65	KS.
8	38.7	41.5	28.718	38.4 38.0	N.NE	167	50.0	33.4	0	K. KS.
9	32.3	38.4	29.486	32.0 31.3	W.N	62	42.0	31.8	69	KS. Stars bright.
10	36.3	37.0	28.838	36.3 35.0	SE	190	40.0	29.0	0	q ^r 2 K. KS.
11	37.3	39.6	28.704	37.3 37.0	N.W.N	89	44.5	35.3	0	K.
12	30.3	36.3	29.292	30.2 29.4	N.NW	64	42.3	30.3	710.	Definition fair.
13	27.6	36.0	29.730	27.5 27.0	N.NW	46	38.3	28.2	710.	
14	30.8	36.8	29.902	31.0 30.0	SW.W	20	38.3	26.0	0	thick fog.
15	34.2	36.0	29.226	34.2 33.4	W.SW	180	37.3	26.8	0	K.
16	26.5	34.0	29.922	26.3 26.5	N.NE	86	38.0	26.5	69	KS.
17	24.4	32.0	30.070	24.3 24.0	S	49	34.0	21.5	0	KS. Halo
18	38	34.7	29.902	38 36.8	W.S	157	41	23.5	61	KS slight smirr haze
19	36.1	35	29.428	36.1 36.0	N.NW	90	41.6	32.8	64	CK. mild
20	36.8	36.5	29.420	36.8 36.8	N.W.W	131	41.7	31.7	0	K. NB wet bulb highest temp
21	32.9	36.0	29.420	32.9 32.3	W	52	40.3	30.3	0	K
22	29.0	33.8	29.682	28.6 27.2	E.NE	55	37.4	27.0	68	C. CS
23	39.0	36.0	29.282	39.0 34.2	SE.S	156	41.3	25.4	0	smirring. K.
24	30.7	36.5	29.460	31.0 30.0	NW	56	41.7	30.3	69	K.
25	30.2	35.5	29.632	30.2 30.0	SW.W	63	36.8	28.6	610.	2.
26	29.8	35.5	29.874	29.8 31.8	SW	65	39.3	28.5	63	K.
27	33.8	35.8	29.988	34.0 32.0	SW	62	36.5	26.7	0	K.
28	32.5	35	29.012	32.2 31.2	SW.S	16	36.5	31.8	0	d. KS
29	31.3	35.0	29.964	31.2 31.0	E.N	116	37.5	31.3	0	K.
30	23.8	32.0	30.028	23.2 22.8	E.N	103	34.5	23.8	710.	
31	34.7	33.3	29.714	34.6 31.6	SE	140	37.0	22.0	0	K.
	33.23	36.64	29.533				40.66	29.23		
							40.71			

Summary 1874	10. A. M.			10. P. M.			Rain		Thermometer during month			
	E	A	Barom.	E	A	Barom.	Square	Round.	Maximum		Minimum	
January	41.41	42.06	29.696	40.87	42.92	29.705	1.702	2.942	53.0	2 nd	30.5	5 th
February	42.01	42.44	29.644	39.71	43.00	29.652	1.643	1.938	53.0	24 th	25.8	9 th
March	46.60	45.85	29.892	42.81	46.38	29.901	1.053	2.186	62.0	22 nd	21.5	11 th
April	52.03	49.02	29.547	45.67	49.82	29.545	2.595	2.595	71.6	27 th	32.7	12 th
May	52.77	52.19	29.807	47.37	53.11	29.803	1.123	1.123	68.0	31 st	34.6	10 th
June	60.91	58.74	29.941	52.83	59.43	29.957	0.856	0.885	74.5	17 th	41.7	12 th
July	64.06	62.01	29.739	57.15	63.05	29.747	3.235	3.283	80.0	17 th	43.7	12 th
August	59.73	59.39	29.664	54.52	60.02	29.642	3.779	3.883	76.2	22 nd	47.5	28 th
September	55.83	56.27	29.588	51.13	56.41	29.609	3.252	3.422	65.3	3 rd	41.3	30 th
October	49.00	50.16	29.570	46.28	50.34	29.587	3.557	3.801	58.3	18 th	32.8	8 th
November	45.35	46.15	29.689	43.70	46.14	29.663	3.087	3.159	57.8	9 th	31.3	12 th
December	34.45	36.46	29.573	33.23	36.64	29.533	2.843	2.992	50.8	5 th	21.5	17 th
Summer	57.05	54.79	29.718	51.53	57.06	29.724	15.802	16.397				
Winter	43.64	43.66	29.673	41.00	44.15	29.666	12.923	15.812				
Year	50.34	49.22	29.695	46.28	50.60	29.695	28.725	32.209				
	days of rain	Mean thermo.	Mean Barom.	Greatest no. of miles in 24 hours								
January	10	41.14	29.700	642	7							
February	12	42.86	29.648	781	25							
March	18	44.70	29.896	714	27							
April	15	48.85	29.546	734	2							
May	12	50.07	29.805	414	31							
June	9	56.87	29.949	350	1							
July	17	60.60	29.743	452	3							
August	19	57.12	29.653	390	2							
September	21	53.48	29.598	469	22							
October	19	47.38	29.578	533	21							
November	21	44.52	29.676	478	22							
December	14	33.84	29.553	438	4							

Mean temperature of year. = 48.31

Maximum heat on 17th of July = 80°

Minimum heat on March 11th Dec. 7th = 21.5

Mean Barometer = 29.695

Maximum on March 6th = 30.640

Minimum on December 11th = 28.321

Day of greatest rain November 29th

Square = 1.030

Round. = 1.002 = New gauge.

Mean temperature of year = 48.31

Maximum heat on 17th of July = 80°

Minimum heat on March 11th & Dec. 17th = 21.5

Mean Barometer = 29.695

Maximum on March 6th = 30.640

Minimum on December 11th = 28.321

Day of greatest rain November 29th

Square = 1.030

Round = 1.002 = new gauge