

1871	10 AM			Hygro	Anemo		Ombro		
January	E	A	Bar	at wet	Dir	Sp.	Am	R	
1	38.8	35.5	29.372	39.0	S	397	0.186	0.214	0. K. K
2	32.5	35.2	29.578	32.5	SW	53	0.633	0.796	h10.
3	36.3	35.5	29.658	36.3	S	79	0.055	0.020	0. K.
4	41.0	37.6	29.658	41.1	S	208	0.125	0.140	0. K.
5	36.8	38.4	29.691	36.6	WSS	261	0.156	0.255	61 K
6	45.2	39.8	29.536	45.3	SW	244	0.260	0.380	0. K
7	34.0	37.3	29.266	34.3	SW	260	0.215	0.297	0. K - Snowing.
8	34.4	36.1	29.367	34.4	WSS	156	Frozen	0.267	h10.
9	35.3	36.5	29.360	35.3	NW	87	0.460	0.344	h C & K - shower of hail while registering
10	34.3	35.8	29.300	34.5	SE	106	0.008	0.010	0. K. Slight snowing
11	34.2	35.6	29.775	34.0	NW	147	Frozen	0.412	67 C
12	31.8	33.3	29.986	32.2	SW	156	Frozen	--	0. K & KS
13	40.5	36.8	29.782	40.8	SW	156	0.408	0.022	0. mist f. K
14	44.3	41.3	29.254	44.5	SW	289	0.033	0.082	0. g. 2 K
15	37.0	40.0	28.848	37.0	S	196	0.272	0.266	63. C & KS
16	36.5	38.3	28.218	36.8	SW	464	0.131	0.203	0. K & KS.
17	34.8	37.0	28.444	35.3	SW	229	0.014	0.046	69. v. C & KS. Self reg. Bar = 29.910 at 4 a.m.
18	33.0	36.3	28.844	34.3	SW	91	--	--	0 f. C & K
19	35.3	36.3	29.042	35.2	S	167	0.092	0.110	68 C.
20	35.7	37.0	29.422	36.0	NW	31	0.074	0.086	0. f. K & KS
21	36.8	37.0	29.500	35.8	SE	150	0.026	0.028	0. g. K. K.
22	36.0	37.5	29.416	36.3	NE	92	0.086	0.081	0. K K
23	30.8	37.7	29.659	30.6	NW	27	Frozen	Frozen	67 K & KS
24	32.0	35.8	29.042	32.2	SW	57	--	--	61 f. K & KS
25	30.3	34.4	30.000	30.3	NE	39	--	--	62. K
26	30.8	33.6	29.852	30.8	SW	80	--	--	0. K. Snow on ground
27	36.3	35.2	29.734	36.8	SE	112	0.018	0.025	0. K & KS.
28	34.8	35.2	29.964	35.0	SE	174	0.152	0.131	0. K & KS
29	34.5	34.5	29.942	34.7	SE & S	86	--	--	61. C, K & KS.
30	34.7	35.3	29.918	34.0	E	119	0.009	0.009	0. K. K & KS. slight hail at 10 a.m.
31	37.0	34.9	29.830	37.4	SE & S	169	0.017	0.020	0. K. Hail during night.
	35.67	36.47	29.198				3.427	4.324	
							679	4.106	

1871		10 P.M.			Hygro	Anemo		Thermo				
January		E	A	Bz	dry wet.	Dir	Sp.	Max	Min			
☉	1	38.7	35.8	29.876	39.2 38.8	St-W	243	42.8	31.7	0	K.	K.
	2	33.8	35.5	29.562	34.0 32.7	St-W	68	42.3	30.5	0		K.
	3	36.7	36.0	29.696	37.2 36.5	S	74	41.0	33.0	0		K.
	4	37.1	38.0	29.654	37.3 37.2	S	176	42.2	35.8	86	CS horizon	
	5	36.7	37.3	29.760	34.5 34.1	St-W	168	44.8	33.0	86	K in St-W horizon, halo round the moon.	
	6	37.8	41.5	29.378	37.7 37.6	W	282	50.6	34.0	0, 12, K	{ The eclipse of the ☉ could not be observed. There was great lightning and a heavy shower of hail - and halo round the moon -	
	7	33.0	36.8	29.210	35.2 32.7	St-W	227	42.2	32.0	0, K		
☉	8	34.2	36.7	29.216	34.2 33.7	St-W	144	39.0	31.8	0, 2, K		
	9	33.3	36.6	29.558	33.3 32.9	W & S	129	39.0	30.0	St. C & K.		
	10	33.6	35.7	29.456	32.6 31.0	N	135	37.3	31.8	St. K & W N.	Moon.	
	11	34.4	35.6	29.926	29.7 29.7	NW	103	39.0	31.0	St. C & K in NE.		
	12	35.0	35.6	29.868	35.0 34.6	St-W	136	37.7	27.2	0, 9, K.		
	13	42.8	40.0	29.574	42.3 41.2	St-W	214	47.0	34.5	0	KS	
	14	41.0	44.0	29.090	40.6 41.2	St-E	221	47.2	40.3	St. C & K		
☉	15	47.0	38.0	28.488	38.3 37.5	S	248	45.7	33.3	0, 9, K	very stormy.	
	16	37.7	38.7	28.258	36.3 32.5	St-W	306	45.0	35.3	St. K & KS	Stars very sharp.	
	17	32.7	38.0	28.662	32.3 30.2	St-W	159	42.3	32.6	St. KS in NE.		
	18	30.3	35.2	28.996	31.8 29.9	St-W	82	38.0	30.0	St. KS in NE	Stars pretty sharp.	
	19	30.7	35.9	29.275	36.2 30.0	S	97	44.2	32.1	6.4	K in	
	20	30.2	36.6	29.443	30.0 29.1	St-W	20	40.2	30.3	6.2	K - f	
☉	21	37.1	37.8	29.246	30.5 29.9	St-E	184	40.2	29.7	0	K - d	
	22	34.7	37.3	29.610	34.9 29.3	NW	65	40.3	34.7	0, K, K.		
	23	29.2	36.0	29.936	29.2 28.4	NW	26	39.2	29.5	St. f		
	24	28.8	35.2	30.070	27.7 27.4	NE	72	39.3	28.3	St. f	K	
	25	29.3	35.0	29.902	28.7 28.8	St-E	63	38.3	27.8	0	K.	
	26	30.7	36.2	29.914	30.8 29.3	St-E	87	35.8	28.8	0	K.	
	27	34.9	35.7	29.958	34.3 33.0	St-E	224	39.3	30.2	0, K, K		
	28	32.7	36.2	29.914	30.2 29.4	St-E	146	38.5	32.2	0	K & KS.	
☉	29	35.3	35.2	29.980	32.8 32.8	St-E	132	38.8	30.3	0, K		
	30	32.6	34.2	29.844	30.8 29.3	E & S	178	39.3	31.3	0, K		
	31	35.0	35.0	29.804	33.3 33.3	St-E		39.8	31.8	0, K, K		
		34.58	36.68	29.504				41.17	31.77			
								41.21				

1871	10 Feb			Hygro	Anemo		Ombro			
February	E	A	Bar	dry wet	Dir	Sp	Sq	R		
1	34.0	35.0	29.872	34.3 32.0	SESE	--	0.002	0.007	0.	K.
2	33.3	34.7	29.762	33.7 31.0	ENE	80	--	--	0.9	K.
3	41.3	37.3	29.292	41.8 40.7	ESE	248	0.128	0.139	0	K. Stormy.
4	43.4	40.2	29.318	43.8 42.6	E	122	0.013	0.015	0	K+KS.
5	47.6	43.3	29.095	48.3 47.4	SSW	308	0.279	0.333	0	K+KS. Stormy.
6	46.2	43.3	29.683	46.4 44.3	WSW	223	0.169	0.266	58-	C
7	50.0	45.8	29.714	50.6 50.5	SSW	136	0.150	0.200	0, K,	K
8	45.8	46.0	29.560	46.4 44.2	SW	236	0.036	0.069	65.	K
9	42.6	42.6	29.790	42.9 41.0	WWS	158	0.084	0.124	68. v.	KS+K
10	34.7	42.0	29.636	34.5 34.3	N	202	0.644	0.736	0	g. v. H qd
11	38.2	39.8	29.746	38.6 36.9	SESE	148	--	--	0	K
12	47.4	43.3	29.120	46.0 47.7	SW	295	0.739	0.881	0, g. m,	K.
13	43.3	41.6	29.685	43.7 41.7	SWWS	90	0.067	0.099	0,	C+KS.
14	48.4	45.1	29.684	48.6 47.4	S	193	0.015	0.029	0.	K+KS
15	46.0	45.2	29.786	46.6 45.0	S	132	--	--	58.	C+K
16	48.2	45.5	29.804	48.8 45.8	S	194	--	--	0.	K+KS!
17	47.7	46.0	29.742	48.3 46.9	SW	210	0.007	0.040	0	K+KS
18	49.6	47.2	29.792	50.3 48.2	SWWS	208	0.009	0.014	0	K
19	51.0	48.8	29.518	54.6 51.2	SSW	239	0.233	0.306	0, K, qf.	K
20	45.0	46.3	29.526	45.3 41.2	WNW	279	0.008	0.044	66. v.	qf. K.
21	43.8	44.5	30.054	44.3 41.0	N	268	0.013	0.029	67	KS+K.
22	46.3	45.3	30.100	47.0 45.3	SW	167	0.012	0.014	0	K
23	47.6	45.8	30.094	48.2 44.0	W	180	--	--	65. qf.	K+KS.
24	46.8	46.3	30.008	47.3 46.2	SW	188	--	--	61. m,	C+K.
25	48.8	46.7	29.994	49.7 47.5	SW	210	--	--	62	C+K
26	42.0	45.0	29.678	42.2 39.3	SE	99	--	--	62.	C+CS.
27	47.0	46.2	29.326	47.6 47.3	SW	58	0.059	0.060	0.	K.
28	44.6	45.7	29.749	45.3 43.8	NE	55	0.064	0.078	0	K
	44.66	43.73	29.683				2.731	3.473		

1871	10 AM			Hydro	Anemo		Ombro		
March	E	A	Bar	dry wet	Dir	Spd	Sqd	R	
1	43.0	44.2	30.020	43.6 41.3	SE 28	249	0.008	0.013	0. g. K.
2	47.3	45.2	29.966	47.8 46.4	S	150	0.039	0.119	0 K
3	56.8	48.5	29.890	57.6 52.0	SE	202	0.025	0.010	b. 10 v.
4	47.7	48.1	29.965	47.2 51.8	SE	169	0.012	0.021	0 r K
5	50.1	49.6	29.932	50.9 47.5	S	310	0.000	0.000	bl g HS
6	47.9	47.3	28.994	47.8 44.2	SE	323	0.150	0.239	0 gr. e K
7	44.2	45.3	29.454	44.6 40.6	S.W	137	—	0.114	gb HS
8	39.9	44.8	29.443	40.4 42.2	S.W	255	—	0.329	c sl. g. p. HS
9	41.9	41.2	29.223	41.7 41.5	SSW. SSE	262	0.172	0.224	0 g. p. K
10	44.7	44.7	29.114	44.9 52.8	S	151	0.103	0.060	b. b. HCS
11	51.7	47.1	29.475	51.9 49.6	SW	287	0.150	0.317	c g. v. HC
12	49.	45.9	29.004	50.1 43.5	S	401	—	0.013	0 c. r. HS
13	43.	44.7	29.285	42.8 38.6	S.W	267	—	0.267	bl. HCS
14	36.2	40.7	29.652	32.8 36.2	NW	82	0.021	0.022	2.3 c. k. v. HS
15	36.0	38.2	29.642	34.3 35.8	SW. S	104	0.110	0.052	0. K. snowing -
16	38.3	40.0	29.684	35.0 44.2	NNE	248	0.043	0.192	0. v. K.
17	43.6	40.3	29.972	42.3 51.0	SW	125	—	—	0 K
18	50.5	43.8	30.063	50.4 50.6	SW	88	0.014	0.009	0 K. K
19	49.8	45.5	29.932	47.7 48.8	SW	153	—	—	bl. K
20	48.0	45.4	29.656	45.3 53.3	SW	188	—	—	0. g. K
21	52.3	48.6	29.522	49.2 53.3	SW. S	298	—	—	0 g. K.
22	52.3	48.0	29.768	49.3 48.8	SW	185	—	—	0 C. K
23	48.6	46.0	29.728	45.5 56.8	NNE	68	—	—	b. 10 f.
24	56.6	48.6	29.568	50.2 52.0	ESE	78	—	—	b. 10 v. Colandini in great flow.
25	53.4	49.8	29.616	49.7 49.10	W	22	—	—	b. 10. haze.
26	47.8	49.0	29.828	46.2 45.6	NNE	85	—	—	b. 2. K. fluy.
27	45.3	45.8	30.066	40.3 42.6	NE	123	0.022	0.020	b. 9. v. K. g.
28	41.8	45.2	30.310	38.7 41.3	ESE	37	—	—	0 C. K.
29	40.3	41.8	30.336	36.7 44.8	W. N	39	—	—	b. 9. K. See on wet bulb thermometer.
30	44.0	43.2	30.200	41.3 52.1	W. S	58	—	—	0. k. v. HS
31	51.2	45.8	29.975	47.2	NW	121	—	—	0 K.
	46.55	45.25	29.726				957 0.958	2.049	
							763 1721		

1876	10 P.M.			Amp	Anemo		Thermo		
March	E	N	Ras	dry wet	Dir	Sp	Max	Min	
1	45.0	44.5	30.022	45.3 43.3	SSE	292	47.3	40.3	0. q. K.
2	48.3	48.	29.964	47.1 45.8	S	211	53.1	42.8	46. HCS
3	45.8	49.2	29.720	44.8 49.1	S	209	62.0	45.3	5.10. Stars good Moon.
4	48.0	50	29.463	47.7 46.8	S	213	57.1	44.3	0 22 KS
5	48.9	47.9	29.396	48.9 44.7	SSE	333	55.	44.9	0 2 KS
6	44.7	48.3	29.136	44.7 45.1	SW	261	53.1	44.5	0 T. K
7	45.3	47	28.995	45 46.7	SSW	354	49.9	34.8	0 C. KS
8	36.2	44.1	29.824	36.7 38.4	SSW	248	48.9	34.3	106 Bright moon & stars
9	38.9	42.4	29.712	38.2 42.8	SW by W	293	52.2	34.1	96 S. slighten horizon
10	42.9	44.8	29.613	42.1 42.6	SW	147	50.2	36.1	0 T. g. K.
11	49.2	48.3	28.555	48.6 39.1	SSW	336	55.5	42.9	0 SC. J.
12	39.1	48.6	29.200	37.8 35.5	SW	281	57.2	37.0	86 KS in horizon
13	35.2	43.0	29.470	35.0 29.5	SW by S	177	47.2	35.3	0 K & KS.
14	29.3	40.7	29.677	28.7 30.7	TWS	142	42.8	29.5	0 K. Snow fell from 4 till 5.30.
15	39.5	39.7	29.134	39.3 30.9	TWS	201	41.7	25.5	0 K
16	30.7	37.9	29.931	29.9 28.0	ST	113	44.3	31.8	58. KS in N + C in S.
17	45.8	43.3	30.046	45.3 42.9	W	120	55.8	31.7	5.8. haze. K in N
18	42.7	46.0	29.994	42.6 45.8	SW by W	133	55.5	39.6	5.10. Stars well defined.
19	45.3	46.8	29.822	45.6 46.2	SW	144	56.2	40.8	0 K
20	45.7	46.7	29.570	43.6 47.8	SW	270	53.0	42.8	0 q. K & KS.
21	47.4	48.8	29.630	46.3 45.3	SW by S	306	57.2	45.4	0 y. K & KS.
22	44.8	48.0	29.804	43.1 44.5	SE	138	54.8	44.6	0 K.
23	44.6	49.2	29.662	43.4 46.6	NE	115	57.2	36.7	5.10. (Wind at 5.30 went round the whole 360.)
24	46.6	51.8	29.589	44.0 42.8	NE by N	143	63.3	40.0	5.10. V. (-) Should be here. } Stars middle
25	42.7	48.0	29.722	40.4 38.0	NE by N	70	63.0	39.4	5.10 v Stars well defined - Bright moon
26	39.3	47.0	29.932	38.5 36.3	NNE	118	56.3	38.5	5.10 v Stars & moon.
27	36.6	44.0	30.192	33.4 31.8	E	152	50.0	36.0	5.10. Stars & moon.
28	32.0	44.0	30.372	31.0 34.3	E	80	46.0	30.8	5.10. f. Stars & moon.
29	34.7	42.7	30.267	32.8 43.4	NN	100	49.4	28.5	5.10. v Stars & moon.
30	43.2	45.2	30.132	41.2 46.0	W	126	49.5	33.1	0 m. KS
31	45.7	47.2	29.908	45.3	NW	207	57.0	40.8	0. K. K.
	41.99	45.91	29.709				52.94	37.81	
							✓	37.91	

1871	10 April			Hydro	Anemo		Baro			
April	E	A	Bar	dry wet	Dir	Sp.	H	R		
1	44.8	46.3	29.587	45.7 43.0	NW	83	0.018	10.037	0	KvKB
2	47.0	46.0	29.666	47.8 45.2	SW	104	0.037	0.050	0	K.
3	43.8	46.7	29.712	45.0 38.8	N	88	0.015	0.008	0	qf. K.
4	44.6	46.8	29.918	50.2 44.3	WbS	99	--	--	h10.	v.
5	49.8	48.2	29.810	51.2 46.2	W	87	0.005	0.001	0	K.
6	46.3	47.0	29.882	47.2 45.0	EbS	114	--	--	0	K.
7	50.6	49.7	29.950	51.0 45.5	SE	111	--	--	h8.	K.
8	48.3	47.5	29.887	48.4 40.4	E	92	--	--	h10.	v.
9	49.4	45.0	29.767	44.4 43.8	ESE	52	--	--	h8.	C. haze. Swallows seen.
10	46.5	47.2	29.790	46.8 42.3	EbS	142	--	--	h7.	K. Beech in leaf
11	47.4	46.0	29.592	48.2 47.6	SEbE	121	--	--	0.	qf. KvKS.
12	51.0	49.0	29.496	51.4 50.8	S	131	0.439	0.417	0	K.
13	56.0	50.3	29.756	57.0 53.1	SW	134	0.086	0.103	h1.	K.
14	52.1	51.2	29.574	53.6 51.	SEb.S	138	--	--	0	qf. KS
15	51.2	51.1	29.155	52.4 49.8	NWbW	75	0.317	0.281	0	qf. KC
16	52.6	50.1	29.126	53.3 49.5	NE	22	0.010	0.042	h6	KC
17	47.4	48.8	29.264	40.1 43.7	NNW	81	0.073	0.079	h6	KSC
18	47.9	49.7	29.300	49.1 47.7	SEbE	160	0.094	0.106	0	r K.
19	49.0	48.9	28.892	49.7 48.4	S.W	176	0.002	0.043	0	r K.
20	44.0	47.5	29.320	45.2 43.0	NE	94	0.263	0.241	0	K.
21	47.0	46.7	29.358	48.3 44.9	SE	62	--	--	0	K.
22	56.3	49.3	29.280	57.5 52.4	SW	153	0.384	0.384	0.	K. Rained heavily during night.
23	47.8	48.3	29.506	49.0 45.7	NW	144	0.084	0.128	0	K.
24	47.2	47.3	29.760	48.6 45.4	NEbN	27	0.006	0.000	0	K.
25	50.0	47.2	29.748	51.3 46.0	SE	44	--	--	0	K.
26	53.5	49.5	29.526	57 53.5	SW	149	0.065	0.062	h2	KvKS.
27	56.6	50.7	29.448	58.0 52.5	SWbS	124	0.065	0.066	h2.	K.
28	56.4	50.3	29.444	58.2 57.6	SWbW	148	0.171	0.168	h1	KvKS
29	52.8	51.2	29.400	54.0 48.2	NbK	65	0.272	0.264	h2.	K+C.
30	50.0	50.3	29.648	51.2 46.0	NW	71	0.004	--	0	K.
	49.81	48.49	29.561				3.210	3.405		

1871	10 P.M.			Hygro	Anemo		Thermo				
April	E	A	Bar	day wet	Dir	Sp	Max	Min			
1	42.8	47.0	29.512	43.3 42.2	SWWS	111	52.6	41.2	0	K. KS.	
2	43.2	47.0	29.538	43.5 42.7	NWWS	101	56.0	42.7	0	K. KS. Slight rain in evening.	
3	41.5	46.1	29.901	41.7 38.9	W	147	49.9	40.0	46	SC	clouded moon
4	41.6	49.0	29.886	41.8 40.8	W	138	57.0	39.8	67	flung K.	
5	42.8	48.2	29.818	42.9 42.0	SE	65	54.6	41.3	76	haze K.	Halo round moon.
6	42.3	47.0	29.906	42.3 40.3	SE	195	53.8	41.2	107	Moon & stars.	Stars exceedingly sharply defined
7	39.4	48.3	29.933	39.4 36.3	ES	109	52.7	37.8	107	Stars.	Moon rising.
8	38.2	45.3	29.814	37.9 35.2	ES	128	52.7	38.4	107	Stars well defined.	
9	40.7	48.0	29.761	40.6 39.0	E	148	56.0	31.0	47	Annual steamers meeting at Zenith of Venus.	
10	38.0	46.6	29.738	37.8 35.5	NE	147	51.7	38.0	610	Stars well defined.	
11	47.8	48.10	29.404	48.3 48.1	SSW	247	50.3	37.7	0	K.	
12	46.8	49.9	29.636	48.9 46.7	SSW	171	58.1	43.2	6.10	stars bright	
13	49.5	52.3	29.710	48.8 48.3	SE	127	63.3	46.5	73	K.	
14	49.4	52	29.325	49.3 45.4	SW	185	57	46.9	0	K. r	
15	45.1	51.7	29.105	46.3 46.0	SEES	104	59.9	45.7	86	SC	Stars clear Aurora
16	47.8	52	29.187	46.9 46.2	NE	45	59.5	44.9	0	g. K.	
17	44.9	51.3	29.377	46.5 44.5	E	121	55.5	42.3	0	g. d. K.	7.9 all day
18	49.1	48.2	28.896	49.4 48.7	SESE	313	56.31	43.9	3	CC	
19	47.2	50	28.894	47.6 46.6	SW	69	54	47.3	2	KS	
20	42.7	47.7	29.152	43.0 40.3	NE	94	54.0	41.5	0	K.	
21	46.7	48.2	29.446	46.4 45.6	S	129	52.7	40.0	0	K very dark.	
22	45.8	49.8	29.220	46.3 45.3	SWWS	235	59.2	45.6	0	K-	
23	42.8	48.3	29.678	43.0 42.2	NWWS	91	51.0	43.3	0	K.	Few stars seen through cloud.
24	43.7	49.0	29.794	44.0 43.0	SSE	55	53.6	42.2	73	K.	Cometakes
25	46.8	48.2	29.622	47.0 46.7	S	211	52.2	35.3	0	g. K.	
26	48.5	51.0	29.488	48.0 48.5	SW	86	61.3	45.3	0	K. K.	Rained all evening.
27	46.4	51.2	29.462	47.0 46.0	SSW	132	59.7	45.0	0	K. K.	Showers during day.
28	49.2	52.1	29.385	49.6 48.4	NWSE	85	60.8	43.7	16	d. CS	
29	43.8	48.8	29.550	43.9 42.1	NWWS	90	57.0	44.2	75	C	Halo round moon. Stars good at intervals.
30	39.8	49.0	29.838	38.3 36.7	WN	129	55.3	39.8	710	v Moon	
	44.48	49.01	29.544				55.67 55.51	41.59			

1871	10 A.M.			Hydro	Anemo.		Ombro.			
May	E	A	Bar	dry wet	Dir	Sp	Sq	R		
1	52.3	47.8	29.870	52.8 46.5 54.5	SW-S	53	0.010	0.009	42	K+C
2	53.3	49.3	29.796	50.0 45.8 46.5	SW	79	0.021	0.036	0	K
3	46.4	50.0	29.518	46.0 40.6 52.6	W	229	0.078	0.094	62. K.	Short heavy shower at 10 th
4	45.6	48.2	29.735	52.7 46.0 56.5	NW	181	0.004	0.017	66. 95	K+KS.
5	53.7	49.7	29.752	62.7 55.2 46.3	SW-S	157	0.038	0.041	0	K.
6	54.4	52.0	30.032	60.2 53.0 48.5	SW	72	--	--	0	K
7	61.0	53.3	30.146	52.8 44.2 51.0	SE-S-E	25	--	--	510 v.	
8	65.2	55.5	30.103	44.2 53.8 50.0	N-E	32	--	--	510 v.	
9	52.3	54.7	30.100	49.5 49.5 54.7	N-E	68	--	--	63	K
10	52.6	54.3	30.128	48.7 51.0 44.2	N-E	32	--	--	64	K
11	52.2	53.5	29.988	48.5 50.0 52.8	N	31	--	--	0.	K8
12	55.2	53.2	29.916	49.0 50.6 49.5	N-E-N	70	--	--	67	K.
13	54.0	52.7	29.898	48.7 51.0 44.2	N-E	22	--	--	64	K+C.
14	53.8	53.0	29.728	48.5 53.8 49.3	N	33	--	--	63	K
15	53.7	53.6	29.742	57.0 52.0 56.8	NW-N	27	--	--	0	K+KS.
16	49.7	52.2	29.794	53.3 65.7 67.3	NNW	52	--	0.007	0	K.
17	48.0	48.3	29.592	52.0 56.8 53.3	SW	38	--	--	63	C+CS.
18	52.7	51.8	29.774	65.7 67.3 54.2	W-N	90	--	0.006	0	K.
19	55.2	53.7	29.998	54.2 63.7 54.3	W	64	0.014	0.038	0	K+KS.
20	55.8	54.0	30.106	57.7 50.6 56.3	W	88	--	--	0	K+C
21	64.0	55.7	30.125	57.7 50.6 56.3	SW	41	--	--	0	K+KS
22	65.7	57.7	29.957	57.7 50.6 56.3	SE-S	111	--	--	63	C+K.
23	62.2	58.3	29.758	57.7 50.6 56.3	SE	98	--	--	0 95	C+CS
24	58.4	58.0	29.673	57.7 50.6 56.3	SE	145	--	--	0. 96	K+KS.
25	60.4	57.2	29.576	57.7 50.6 56.3	S	132	0.055	0.119	0. 97	K
26	56.0	56.0	29.777	57.7 50.6 56.3	W-S	93	0.038	0.041	0	K+KS
27	54.7	54.7	29.920	57.7 50.6 56.3	NW	28	--	--	0	K
28	58.0	55.4	30.186	57.7 50.6 56.3	N-E	52	--	--	0	K
29	61.5	57.0	30.173	57.7 50.6 56.3	N-E	55	--	--	5.10.	
30	63.6	58.0	30.113	57.7 50.6 56.3	NNE	46	--	--	59.	C + one K
31	62.2	59.5	30.039	57.7 50.6 56.3	N-E	51	--	--	0.	K+KS
	56.12	53.81	29.914				0.258	0.408		

1871

10 P.M.

Hygrom

Anemo

Thermo

May

E

A

Bar

Dry wet

Dir.

Sp.

Max

Min

Aurora?

May	E	A	Bar	Dry wet	Dir.	Sp.	Max	Min	Aurora?
1	42.2	50.0	29.560	42.5 41.0	SWW	111	58.7	35.0	h5. Halo round Moon. Arches from east to west.
2	47.9	51.0	29.623	45.3 45.3	SE	182	58.3	41.6	0. q. C & K -
3	46.7	48.3	29.524	46.8 32.0	W & S	267	53.6	41.2	h2. q. C & K 2 & 2 very bright
4	43.1	49.5	29.812	43.5 41.6	SW	152	53.8	41.3	0 K
5	49.7	51.2	29.923	49.9 48.9	S	115	64.9	44.2	q6 CS > bright
6	50.8	55.3	30.096	51.4 50.0	S	64	67.5	46.6	10 h v. Definition splendid. Stars more points
7	52.3	57.0	30.152	52.8 52.0	SW	56	71.2	44.3	10 h v.
8	48.3	53.7	30.048	48.7 46.0	NE	107	70.3	43.8	h10. v. Stars well defined.
9	46.6	55.5	30.108	46.3 43.5	SW	68	59.0	43.8	h6. K & C.
10	43.8	54.8	30.106	44.0 42.6	S	62	61.2	40.8	h10. v.
11	47.9	54.0	29.892	48.2 46.3	N	72	58.5	41.0	0 K & K S.
12	46.8	55.0	29.916	46.9 45.0	NE	81	62.3	43.3	h10.
13	48.3	52.0	29.811	48.8 46.5	E & N	60	61.6	40.6	0 K & K S.
14	47.7	55.0	29.723	47.8 46.7	NE & N	73	63.7	42.2	0 K & K S.
15	44.4	53.6	29.796	46.2 41.7	NW & N	41	57.3	44.3	h9 K S. in S.
16	38.7	49.8	29.899	38.3 34.7	N & W	137	54.3	39.2	h9 K S & C. in N?
17	48.3	52.6	29.724	48.8 46.2	W & N	157	58.5	31.8	0 q. K.
18	51.9	54.3	29.872	52.4 49.8	W & S	64	64.8	47.2	0 K & K S.
19	48.3	54.8	30.105	48.8 46.9	WNW	75	62.3	47.5	h5 C. K S. Haze.
20	53.6	55.8	30.156	54.3 53.0	W	97	63.2	47.2	0 K & K S.
21	58.0	55.0	30.034	58.8 54.8	S	136	69.7	50.8	0 q. K & K S.
22	54.8	58.7	29.864	55.5 51.3	E	164	70.3	54.3	h9 K S. in W. Moon in W. Horizon. Def. good.
23	53.6	58.8	29.702	53.8 52.0	SE & S	197	66.2	51.3	h10. Moon & q. very bright.
24	54.2	58.7	29.580	54.5 53.3	S	190	65.2	49.0	0 K. K
25	49.0	57.7	29.691	49.7 49.0	SW	152	65.3	47.5	h2 K S & C.
26	47.3	53.6	29.840	47.8 46.0	W	82	64.5	46.7	h2 K. very dense K in N.
27	47.7	54.0	30.092	47.7 45.0	N	67	63.0	42.5	h5 C & C S.
28	52.2	58.0	30.200	52.5 49.7	NE	99	68.5	46.0	h10 Moon & Venus very bright.
29	52.3	57.0	30.150	52.7 48.0	NE & N	69	70.5	48.2	h10. Moon & q.
30	51.7	58.0	30.085	52.0 50.1	N	106	68.6	48.0	h5 K in N.
31	54.6	61.5	30.020	55.2 54.0	NE	63	66.6	51.2	0 K.

48.96 54.43 29.917

62.91 44.72

63.2

1871	10 AM			Hyg	Anemo		Ombro			
June	Co	A	Bar	Wet	Dir	Sp	Sq	R		
1	57.7	58.7	30.028	58.7 51.3	N	59	--	--	h10.	Little C.
2	56.8	57.2	30.128	58.0 50.3	NNE	57	--	--	75	K + CS.
3	54.2	55.3	30.168	55.5 51.0	NNE	42	--	--	0	K + KS
4	55.3	56.2	29.958	56.6 55.3	NW + N	48	0.071	0.158	0	K. K.
5	57.3	56.3	30.161	59.2 53.8	N	48	0.084	0.035	0 v.	K + KS
6	58.3	57.5	30.114	59.7 55.3	NW	71	--	--	0 v	K
7	61.2	58.2	30.027	63.2 58.3	NW	136	--	--	62.	gf. v. K
8	55.7	57.8	29.954	57.3 52.2	N	90	--	--	0 v.	K + KS
9	54.7	57.3	29.892	56.4 52.2	ESS	44	0.030	0.072	0 v.	K.
10	57.8	55.8	29.843	59.2 55.3	E	33	--	--	0. h.	K. White flock on ground in early morning.
11	62.7	56.8	29.779	61.0 57.7	SE	37	--	--	0. haxe.	K + C.
12	60.6	59.2	29.826	62.0 55.8	SE	77	--	--	0 gf	K + C
13	54.7	59.2	29.608	53.8 51.2	ESS	135	0.088	0.088	0, h.	K. Commenced raining 9:45.
14	61.6	59.8	29.576	63.2 58.2	SE	215	--	0.018	0. gf. v. K	
15	65.1	60.7	29.720	66.7 59.9	SE	144	--	0.010	64. v.	K.
16	66.6	62.7	29.596	68.2 61.3	SW	48	0.268	0.268	63. v.	K.
17	65.6	62.0	29.512	67.4 63.0	SW	74	0.035	0.035	61. v	K. Cock square goose open by mistake
18	60.0	61.0	29.326	67.8 57.6	NW	39	0.011	0.031	0. v.	K
19	59.3	60.5	29.352	60.3 56.4	ESS.	34	0.009	0.009	0 v.	K.
20	62.0	60.7	29.552	63.8 57.7	NW	57	0.087	0.164	0	K
21	59.8	59.3	29.747	61.2 53.2	NW	--	0.021 ⁹	0.005	65. v.	K.
22	52.5	58.3	29.730	53.3 52.2	NE	55	0.173	0.174	0	K.
23	53.3	56.2	29.898	50.6 47.2	NW	127	0.013	0.004	61. v.	K. gf.
24	55.6	56.2	30.078	56.8 52.0	NW + N	23	--	--	0 v	K
25	60.9	56.7	30.118	62.0 53.8	NW	55	--	--	62. v.	K + KS.
26	60.6	56.5	30.128	61.4 52.2	E	31	--	--	68 v.	K.
27	59.7	59.1	29.824	60.9 57.8	S	122	0.029	0.030	0 r	K
28	59.3	59.9	29.463	60.9 56.3	S.W + W	157	0.040	0.025	0 gf. d	KS
29	58.2	58.8	29.516	59.1 53.8	S	103	0.006	--	0 gf	K
30	62.2	58.7	29.386	63.6 56.0	S	140	0.002	--	63.	K
	58.98	58.42	29.799				0.997	1.183		

1871	10 P.M.			Hygro	Anemo		Thermo			
June	E	A	Bar	dry wet	Dir	Spd	Max	Min		
1	47.0	56.2	30.074	47.3 48.0	N	108	64.3	48.5	57.	Ku N. Halesound Moon. & C.
2	46.2	54.3	30.202	46.1 45.3	NW	110	60.6	44.6	510.	Moon.
3	50.6	57.0	30.066	50.5 49.8	NW	76	61.6	42.5	0 K	K.
4	52.0	56.6	30.055	52.6 51.9	N	81	58.4	50.3	0	K.
5	54.3	58.0	30.160	54.9 51.7	N	clock stopped	66.2	52.0	0	K.
6	54.5	59.3	30.086	53.0 52.7	NW	132	68.2	51.5	0 qf.	K
7	54.3	58.0	30.033	51.7 52.3	NW	147	64.0	52.3	0 v	K & K.S.
8	54.8	57.8	29.584	50.8 48	N	stopped clock	60.3	51.5	0 v	K & K.S.
9	47.4	56.3	29.878	46.6 53.3	SW	46	64.3	49.0	55.	CS forming lines pole at Venus.
10	52.8	59.0	29.788	49.7 54.7	SE	93	68.0	43.3	0	K.
11	54.0	60.0	29.786	51.0 57.0	SE	115	67.8	47.8	0	K & C.
12	56.2	61.3	29.782	53.2 55.7	E	173	67.0	50.4	0	K.
13	55.3	59.2	29.540	53.7 55.4	SE	250	62.2	53.8	0 qf.	K.
14	55.2	60.0	29.656	53.7 60.3	SE	229	66.8	54.6	96 qf	K.S.
15	59.4	64.2	29.896	57.2 56.3	S	78	73.4	53.3	0 qf	K.S. gloomier close
16	55.6	63.8	29.622	55.5 54.6	SW	98	73.3	56.5	510. v.	
17	54.2	61.8	29.366	54.2 53.2	WSW	57	69.3	52.8	51. v.	K.
18	52.8	61.6	29.346	53.6 52.8	SW	66	69.3	52.3	52.	K
19	52.8	61.3	29.486	52.2 53.0	NW	51	67.3	52.6	510. v.	
20	52.7	59.3	29.678	51.2 53.1	NW	--	66.8	50.0	56. v.	K.
21	52.3	61.6	29.772	51.5 51.7	NE	67	68.2	49.8	0	K.
22	51.2	57.2	29.780	48.3 46.0	NE	110	57.0	49.8	0-	K.
23	46.2	54.8	29.998	44.2 48.2	NW	120	59.2	44.2	58.	Ku NW horizon. Moon. Stars very bad
24	48.2	55.0	30.125	46.7 48.7	NW	63	62.3	45.3	59. v.	Ku N.
25	48.6	56.7	30.174	46.6 56.2	NW	97	66.2	46.8	510. v.	D & qf.
26	55.7	60.0	29.958	52.8 57.3	SE	126	69.5	44.2	0 K.	K & K.S.
27	54.9	60.7	29.492	55.7 57.3	SE	209	68.2	51.3	0 qf.	K.
28	54.7	59.6	29.620	52.2 57.4	SW	148	65.8	55.6	0	K.
29	56.8	58.0	29.254	53.7 53.2	S	295	62.0	51.3	0 qf	K.
30	53.0	57.8	29.452	53.0	S	138	67.3	50.2	0 K.	K
	52.67	58.95	29.795				65.49	49.93		

1871	10 AM			Hygro	Anemo		Ombro			
July	E	A	R.A.	dry wet	Dir	Sp	Sq	R		
1	58.8	58.8	29.513	59.2 56.6	S	158	0.560	0.560	0. n.	K.
2	58.2	59.0	29.502	58.0 57.3	SE	145	0.650	0.592	0. n.	K
3	64.4	58.5	29.390	65.5 60.8	S	32	0.292	0.232	0.	K
4	62.0	59.3	29.424	64.2 57.1	SW	83	0.184	0.162	0 n	K
5	59.7	59.5	29.632	61.2 56.7	NW	106	0.097	0.087	62. v	K.
6	61.7	58.7	29.666	63.0 60.3	NWLS	161	0.478	0.467	0 q.	K
7	64.8	62.0	29.587	66.0 61.8	SW	157	0.168	0.164	0	K
8	61.7	59.0	29.498	63.6 61.0	S	119	0.572	0.483	0. n.	K
9	58.3	58.7	29.596	58.8 55.3	W	136	0.269	0.207	0. n.	K
10	65.2	58.7	29.698	66.2 60.6	SW	79	0.113	0.098	61. v	K+C.
11	61.8	58.7	29.722	63.2 56.2	NW	35	0.017	0.005	61.	K
12	56.3	59.2	29.605	57.3 54.8	SE	73	0.033	0.019	0. n.	K.
13	61.3	61.0	29.448	62.6 60.8	S	96	0.478	0.468	0.	K
14	67.0	61.0	29.572	68.0 64.5	S	125	0.249	0.272	65.	K
15	61.2	60.8	29.572	62.7 60.2	S	131	0.116	0.127	0 n	K
16	64.8	60.0	29.922	64.3 60.3	SWLS	81	0.019	0.022	63 v	K
17	62.8	63.2	29.814	64.3 57.0	NWLS	140	0.029	0.023	63 v.	K+KS
18	63.2	61.2	29.902	65.0 58.8	SW	77	0.007	0.000	0	K+C.
19	61.0	61.2	29.526	61.8 59.2	S	74	0.252	0.240	0	K+KS
20	62.3	60.0	29.846	64.2 57.2	NWLS	79	0.038	0.049	0 v	K
21	61.8	60.7	29.556	63.0 61.0	SWLS	128	0.122	0.115	0 v	K
22	63.6	61.0	29.328	64.8 60.3	SWLS	109	0.031	0.038	65. v.	K
23	59.8	60.0	29.466	60.7 57.8	NW	87	0.070	0.063	61. v	K
24	56.8	60.0	29.420	57.8 55.2	SW	101	0.161	0.159	0. n.	K
25	54.9	58.0	29.204	58.6 53.7	WLS	106	0.225	0.194	67. v	K+C.
26	56.6	57.7	29.211	57.2 52.2	WLS	114	0.227	0.210	71	K+KS.
27	64.2	58.8	29.531	65.3 57.0	SW	49	0.011	0.003	63 v.	K+KS
28	61.5	60.2	29.482	62.8 53.5	S	139	0.123	0.069	61 v.	K+KS
29	54.5	57.8	29.522	53.2 54.7	E	76	0.045	0.046	0 n.	K
30	54.9	57.6	29.478	54.6 53.0	NW	37	0.220	0.229	0. n	K
31	61.2	67.2	29.822	62.0 56.1	SW	49	0.042	0.053	67. v.	K+KS.
	60.85	59.63	29.564				5.540	5.206		

Cock of Oynage leaking, mended it

1871	10 P.M.			Aug 10	Anemo		Thermo			
July	E	A	Bar	dry wet	Dir	Sp	Max	Min		
1	55.2	59.2	29.538	55.3 54.2	SE	145	65.5	52.8	0	K+C.
2	52.5	60.0	29.442	53.0 52.2	SELS	137	67.8	53.4	75	C+K
3	54.6	60.3	29.418	55.2 54.2	SEW	75	69.0	50.7	0	K.
4	52.8	60.8	29.516	53.6 52.3	SEW	86	63.4	53.3	77.	K.
5	54.2	60.6	29.842	54.4 53.6	SW	99	66.2	51.6	72.	C+K
6	60.8	62.2	29.768	61.7 57.8	SWLS	185	70.0	52.6	0	K.
7	52.8	57.0	29.498	53.2 52.5	S	156	68.2	53.5	710.	v. Stars well defined. Thunder & lightning with very heavy rain at 4 p.m.
8	53.7	58.0	29.550	54.6 53.2	SW	99	64.3	52.7	72.	K
9	52.8	59.8	29.698	52.3 52.7	SW	123	66.4	51.6	76	K+C.
10	51.6	58.0	29.674	52.2 51.2	E	61	68.7	50.7	72.	C+K - Thunder in daytime.
11	54.2	61.1	29.772	54.8 53.7	SW	90	70.0	49.3	72	C+K.
12	58.6	61.0	29.504	59.2 57.7	SWLS	130	64.0	52.2	0	K+KS.
13	56.2	61.2	29.484	56.7 56.3	SEW	169	70.6	57.0	77.	Meridianal arches of C. K.
14	56.4	61.0	29.635	57.1 55.8	SEW	152	72.7	53.8	79.	KS Stars very well defined
15	55.5	60.2	29.766	55.9 55.0	W	172	70.0	51.2	710.	Stars splendidly defined -
16	64.5	64.0	29.795	65.6 63.3	S	138	71.0	50.6	0	K+KS.
17	54.4	61.4	29.925	54.8 52.3	SW	114	69.8	55.3	78.	C
18	57.5	63.3	29.771	57.9 57.0	SW	74	69.9	51.2	0	K
19	55.2	60.0	29.701	55.5 53.3	NW	61	67.5	54.2	75	KS.
20	55.7	61.2	29.760	58.4 56.2	S	94	69.2	50.8	0	K
21	54.6	62.0	29.458	55.0 54.3	SWLS	113	71.0	55.0	710.	v.
22	54.2	61.0	29.336	54.6 54.0	SW	126	68.3	53.7	75.	v. K.
23	53.3	61.0	29.532	53.4 53.2	W	97	66.0	51.8	0	K+KS.
24	52.0	59.0	29.250	52.5 51.8	WLS	84	63.6	53.0	73.	K
25	50.0	58.0	29.106	50.2 49.3	WLS	128	64.0	49.0	72.	K
26	53.4	60.0	29.322	53.8 52.0	WLS	77	66.8	48.7	0	K+C
27	57.3	61.8	29.568	58.0 56.2	SE	94	69.5	50.0	0	g. K
28	51.3	58.5	29.614	52.0 50.6	S	127	68.8	52.0	710.	v. D & S
29	51.8	58.8	29.434	51.8 51.4	NE-S	51	62.0	50.6	0	n. g. K
30	51.8	58.3	29.693	52.1 51.3	NW	78	62.0	50.8	77.	v. KS. Moon.
31	55.2	57.7	29.806	55.7 53.3	S	121	69.7	48.3	79.	v. KS in S. Stars well defined.
	52.71	60.27	29.587				67.61	52.08		

Bar. readings do not fit in with
"Hourly Readings"

July 1878

1871	10. An N			Hygt	Atmo		Ombro		
August	E	t	Bar	my not	Dir	Spec	Sgn	R	
1	64.4	60.3	29.752	60.7	S	139	0.002	0.000	0. g. v. K+KS.
2	66.3	62.0	29.722	61.3	S	87	0.009	0.010	0. g. K
3	63.2	61.3	29.369	62.6	SWS	150	--	--	70. g. K+KS.
4	60.3	60.0	29.572	62.1	WN	113	0.074	0.093	62. K+KS
5	62.0	60.3	29.820	62.2	SW	100	0.012	0.029	0. K
6	67.6	62.0	30.043	63.0	SW	116	0.005	0.006	0. K+KS.
7	65.7	63.0	29.950	63.3	S	85	--	--	62. S. C+K
8	69.5	64.0	29.908	63.6	S	104	--	--	62. K
9	70.8	65.0	29.980	65.0	SW	25	--	--	62. h. K
10	69.3	66.2	29.928	65.3	SW	80	--	--	62. K
11	67.5	65.8	29.928	65.3	S	65	--	--	0. K
12	65.3	65.3	29.942	66.3	SW	45	--	--	610.
13	64	65.4	29.980	66.2	NKE	35	--	--	61. K+C
14	61.7	62.8	29.945	66.7	NE	63	--	--	610.
15	59.4	60.7	29.912	66.8	N	43	--	--	0. K
16	60.5	62.0	29.867	67.2	NW	24	--	--	0. g. K
17	61.7	61.1	29.856	67.5	EKB	20	--	--	0. K
18	58.6	58.3	29.822	67.8	NW	72	0.397	0.480	0. K K
19	58.5	58.5	29.676	68.3	W	84	0.026	0.016	0. r. z. K
20	57.0	57.0	29.554	68.4	NE	36	0.431	0.402	0. K. K very heavy rain
21	57.0	58.8	29.910	68.7	NW	85	0.669	0.697	65. v. K
22	61.3	58.2	29.836	69.0	SW	70	--	--	0. v. K+C
23	65.0	60.0	29.570	69.3	SW	136	--	0.007	62. g. K
24	58.3	59.0	29.132	69.6	SE	154	0.108	0.148	0. n. g. K
25	59.8	58.0	29.537	69.7	SW	151	0.305	0.456	64. g. K
26	57.3	57.3	29.834	69.8	WN	707	0.110	0.144	66. K
27	61.7	58	30.228	69.9	SW	87	0.003	0.020	0. K
28	61.3	57.2	30.214	70.0	NW	25	--	0.013	67. K
29	64.2	60.8	29.900	70.1	SE	120	--	--	63. C+CS. J
30	66.6	62.1	29.750	70.2	S	81	--	--	66. K
31	66.0	62.8	29.720	70.3	SE	83	--	--	65. C+K
	63.02	61.24	29.789				2.157	2.521	

1871	10 P.M.			Hygro	Animo		Thermo			
August	E	A	Bar	dry wet	Dir:	Sp	Max	Min		
1	60.6	62.2	29.753	61.5 57.7	SEW	130	71.1	52.8	o. g.	K.
2	60.8	64.0	29.568	61.8 55.3	S	127	73.2	58.7	o. g.	K.
3	52.3	61.2	29.408	57.7 51.0	SEW	133	68.3	53.6	68.	K and SW
4	52.8	60.8	29.786	53.2 51.5	W6S	116	63.8	57.5	o.	KS.
5	60.3	62.0	29.966	61.3 58.6	W6S	113	70.0	51.0	o. g.	K
6	57.0	63.8	30.018	60.0 59.2	S	89	73.2	57.5	69. v.	K in NE
7	61.2	64.8	29.896	61.8 59.2	S6E	134	73.0	58.5	710. v.	
8	61.8	66.0	29.938	62.8 61.3	SEW	71	76.5	58.3	o.	K
9	63.8	67.7	29.948	64.7 62.7	SEW	66	77.2	59.3	o	K
10	62.0	67.2	29.902	62.8 61.0	SW6S	63	76.2	61.4	o g	K
11	63.0	66.2	29.922	63.8 62.2	S6W	41	71.0	60.8	o K	K
12	59.2	65.0	29.958	59.4 57.8	N	51	75.6	58.8	76.	K and KS.
13	52.7	65.0	29.967	52.4 52.0	N6E	82	70.3	53.2	710 v.	
14	51.7	60.2	29.934	57.7 50.0	N6E	111	68.8	50.6	710	Stars very badly defined
15	55.9	63.0	29.908	52.3 53.2	NW6N	58	67.0	48.3	o	K
16	55.6	63.3	29.808	55.9 53.8	SE	30	68.3	55.2	72. g.	K
17	54.9	62.0	29.404	53.2 53.8	N66N	83	66.7	53.0	o. K.	K.
18	53.3	60.0	29.524	52.0 51.3	WNW	104	63.3	52.3	o. g.	K+KS
19	53.6	59.8	29.792	54.3 53.4	SEW	64	65.0	47.8	o	K
20	55.4	60.2	29.564	55.7 55.3	W6N	90	65.5	53.0	o g	K Intensely dark
21	48.4	57.0	30.012	48.4 47.6	SW	71	66.0	49.5	710	Aurora Stars pretty fair
22	56.3	59.7	29.636	56.7 55.8	S6W	148	66.7	47.3	73. g.	KS+K.
23	55.3	60.6	29.596	56.0 54.5	SEW	134	69.3	54.8	73	K
24	51.6	57.0	29.390	57.8 49.2	SEW	283	68.3	52.0	69. g.	K. bright aurora. ^{reticulated.} Dark arch very well seen.
25	49.4	56.2	29.632	49.7 48.0	SEW	179	63.7	48.0	710. v.	
26	48.8	55.5	30.114	49.3 49.0	SEW	133	64.3	49.7	73	K+KS
27	52.3	59.8	30.282	52.8 52.6	SEW	58	69.3	49.8	710. v.	Moore
28	55.0	58.6	30.070	55.2 53.0	SE	135	69.4	48.5	710. v.	Moore. Stars well defined.
29	57.8	62.5	29.862	58.2 55.5	SE	184	69.4	53.7	75. v.	Moore. K+KS.
30	60.8	64.3	29.760	61.5 57.4	SW6S	95	72.3	54.2	o	K+KS.
31	60.8	64.2	29.691	61.6 58.7	S	158	72.8	54.3	o g	K
	56.33	62.03	29.807				69.53	53.53		
							59.63			

1871	10 AM			Hguro	Anemo		Ombro			
September	E	A	Bar	^{60.4} 100.1	Dir	Sp	Sq	R		
1	62.3	63.0	29.812	63.8	SW	129	0.044	0.057	0	K
2	60.7	68.3	29.942	58.7	SSW	71	--	--	73	CS + K
3	61.7	69.6	29.582	60.7	W	130	0.010	--	0	KS
4	60.2	69.4	29.553	61.7	SW	101	--	--	36	K
5	59.4	65.3	29.870	60.5	W	84	--	--	73	KS
6	61.0	67.2	29.820	60.2	STW	137	--	--	0	KS
7	57.0	66.3	29.786	55.0	SW	41	0.125	--	43	K
8	57.3	57.3	29.592	59.4	StE	171	0.011	0.159	0.12	K g
9	54.0	56.8	29.521	57.0	N	63	0.026	0.979	0.12	g.
10	55.0	56.0	29.656	54.2	NE	113	0.454	0.477	0.12	g.
11	59.7	58.2	29.940	55.3	NE	83	0.023	0.046	0	K.
12	56.3	57.4	30.141	57.2	NE	52	--	0.011	0.1	g. K
13	59.8	58.4	30.226	55.5	EST	52	--	--	61. v.	K
14	57.6	59.0	30.226	61.0	NE	50	--	--	62.	K
15	62.3	55.6	30.124	56.3	NE	32	--	0.003	0	K
16	59.8	57.0	30.114	58.6	NE	49	--	--	62.70	K
17	58.7	58.0	30.140	58.5	ENE	53	--	--	0	K
18	55.3	55.5	30.052	58.2	NE	28	--	--	0	K
19	57.3	55.8	29.928	58.0	SW	140	--	--	0	large K
20	56.5	55.2	29.708	57.3	SW	57	--	--	0	K
21	52.2	53.8	29.500	52.6	N	86	0.026	0.041	0	K
22	51.2	52.3	29.580	52.3	WN	82	0.161	0.167	73. v.	K + KS.
23	50.0	51.7	29.601	47.8	SW	76	0.017	0.020	610. v.	
24	46.3	49.2	29.497	52.0	N	31	0.637	0.643	0.1	g. K
25	47.2	48.3	29.598	46.5	NE	24	0.637	0.579	610. v.	
26	51.2	50.8	29.504	45.7	ENE	81	--	--	61.	K.
27	47.0	51.0	29.120	47.0	N	154	0.203	0.271	0.12	K g
28	50.3	54.0	29.372	50.8	N	116	0.279	0.372	63. v.	K
29	46.0	46.8	29.684	45.6	NE	33	0.007	0.016	71	K
30	46.7	47.8	29.682	46.7	S	13	0.087	0.096	73 v	C4 K
	54.97	57.10	29.762	45.2			3.787	3.937		

Barometer
at the time of
last fall
32.6

1871	10 P.M.			Hyg	Anemo		Thermo			
September	E	A	Bar	dry wet	Dir	Speed	Max	Min		
1	53.8	63.0	29.930	52.0 53.0	SWWS	76	68.0	55.6	72	KS.
2	57.8	70.8	29.760	59.8 55.1	SW	150	66.0	53.9	0	KS
3	55.9	57.4	--	55.9 54.2	SWWS	101	67.1	57.1	140	
4	53.2	63.0	29.706	53.2 54.0	SW	103	65.8	53.2	106	
5	53.8	68.0	29.550	58.8 55.1	SW	135	66.8	49.7	25	K
6	52.9	66.4	29.842	52.9 51.3	SW	50	60.6	52.0	44	K
7	55.8	56.7	29.838	55.8 53.8	S	156	62.8	47.9	0	
8	49.2	56.7	29.638	49.8 47.0	N.W	53	67.3	48.8	0. n. K. g.	
9	50.8	57.0	29.554	50.7 53.1	E	90	67.2	49.3	0. g. K	
10	57.7	58.0	29.742	55.7 53.7	E.N.E	148	66.2	49.8	31. K+KS.	
11	53.5	59.2	30.062	53.3 56.3	N.N.E	77	69.0	54.0	310. v. Stars well defined.	
12	55.7	59.3	30.192	55.3 56.2	N.N.E	82	65.0	50.8	0 K	
13	55.6	60.3	30.326	56.2 54.0	E	77	64.3	54.2	0. K+	
14	49.3	53.7	30.162	49.4 47.6	ESE	70	64.0	49.2	310. Low stars not visible from a haze	
15	64.0	58.0	30.100	54.5 52.0	N.E.E	63	60.6	46.3	0. g. K+KS.	
16	57.6	57.3	30.134	57.6 54.3	E.N.E	78	65.3	49.8	310. Thick haze in South. Low stars scarcely visible	
17	57.0	57.2	30.104	57.3 49.4	E	67	61.3	54.0	0. K. Light mist in evening.	
18	57.0	57.2	29.978	57.6 54.3	S	33	62.0	46.3	0. g. K	
19	51.2	57.0	29.850	51.8 49.3	SSW	56	62.8	49.8	0 g K	
20	44.8	52.6	29.573	44.8 44.0	WS	49	61.2	45.3	31. g. K+KS	
21	44.0	50.0	29.512	44.3 42.3	WNW	103	56.8	44.0	0. n. K.	
22	40.8	49.2	29.611	41.0 40.2	SWW	118	54.4	44.0	310.	
23	39.6	50.2	29.520	39.2 38.5	SSE	39	57.3	38.3	310. v. Moon.	
24	41.8	50.0	29.598	42.0 42.0	N.N.E	25	49.7	36.5	0 K	
25	46.8	50.5	29.534	44.0 44.9	SESE	76	54.0	36.2	0 K.	
26	49.7	57.7	29.382	49.8 46.7	NE	117	55.5	44.3	0 K	
27	45.7	50.3	29.104	47.0 46.0	N.N.E	124	52.3	46.0	0 g. K+KS.	
28	39.4	46.7	29.590	39.5 39.3	N	66	56.3	40.7	310. v. Moon.	
29	43.7	49.0	29.656	43.7 43.6	N.E	77	54.3	35.0	0 K. Heavy rain at 8 th	
30	43.8	48.3	29.166	44.2 42.6	SSE	152	53.5	36.3	0. g. K. Stormy.	
	50.13	56.31	29.747				60.88	46.98		
							✓	✓		

1871	10. A.M.			Hygro	Anemo		Ombro		
October	E	A	Bar	6 AM wet	Dir	Space	Sq	P	
1	57.2	49.6	28.852	51.6	SW	144	0.132	0.144	0. K.
2	57.3	49.3	29.000	50.3	SW	77	0.108	0.105	0. K
3	50.5	47.7	29.240	51.7	NE	46	0.194	0.186	0. g. K
4	57.3	48.7	29.176	50.8	S	21	0.043	0.044	62. K. haze.
5	50.0	50.3	29.430	47.3	SW	111	0.003	0.003	89. V. g. K
6	57.5	51.0	29.368	52.0	SW	149	0.009	0.010	0 g. K
7	49.2	48.5	29.446	48.0	W	87	0.026	0.033	610. V.
8	49.3	48.8	29.764	49.3	NW	74	0.004	0.004	69 V. K in Horizon
9	45.4	47.2	30.048	45.7	NW	40	0.005	0.011	610. V.
10	48.0	56.7	30.122	43.0	E	38	0.007	0.007	68 K+C
11	51.0	49.7	29.930	47.8	E	52	0.033	0.035	0. g. K
12	55.4	57.6	30.048	50.6	S	-	0.000	0.003	0 K
13	56.6	52.8	30.034	54.2	S	137	-	-	0 g. K+KS.
14	58.6	54.2	29.752	59.3	S	202	-	-	0 K+KS.
15	52.6	53.9	29.716	56.2	SW	85	0.208	0.225	0 K for thick haze
16	50.8	52.7	29.610	53.7	W	52	0.438	0.133	0 K Fog
17	57.4	54.0	29.546	51.3	SW	127	0.027	0.029	63 KS
18	56.7	55.5	29.382	57.2	SE	206	-	-	0 g. K
19	57.3	53.3	29.296	55.8	SE	155	0.062	0.088	63. K+KS
20	47.3	50.7	29.614	62.2	SW	62	-	0.001	610
21	51.2	50.8	29.334	50.3	S	233	0.207	0.236	0 K K
22	52.2	50.6	29.962	47.6	SW	123	0.008	0.008	65. K
23	51.6	51.8	29.840	51.3	SW	206	-	-	0 K
24	46.0	50.5	30.022	51.0	SW	38	0.138	0.153	610
25	57.2	57.5	30.040	52.3	SW	108	-	-	0 K
26	55.7	53.8	29.854	56.3	SW	189	0.005	0.013	0 g. K
27	47.6	52.2	29.486	58.6	S	242	0.165	0.222	0 K K
28	44.9	48.0	29.420	47.8	SW	104	0.105	0.118	0 K+KS
29	50.8	50.3	29.030	45.0	S	238	0.718	0.846	0 K
30	48.7	49.3	29.308	48.9	SE	134	0.278	0.327	0 K K
31	50.6	50.2	29.692	48.7	NE	115	0.053	0.052	0 K
	50.96	51.19	29.605	49.2			2.706	3.076	

1871		10 P.M.			Hygro	Atmo		Thermo		
October		E	A	Bar	dry wet	Dir	Sp	Fae	Wen	
1	47.2	50.0	28.966	47.3 46.5	NW	73	57.0	43.8	0.	K.
2	43.2	49.8	29.072	43.3 43.2	SW	83	57.6	42.2	69.	K & S. Haze. Moon.
3	42.2	48.3	29.446	42.3 42.2	NE	62	54.3	42.2	510.	Stars good. Thick fog low down in valleys.
4	46.0	50.6	29.392	46.3 45.2	S	91	56.6	40.8	0.	K & KS
5	47.6	51.0	29.402	47.8 47.0	SW & S	149	55.3	42.2	0	K
6	38.2	49.0	29.344	38.3 38.0	SW & W	75	55.7	39.5	610.	
7	40.6	47.6	29.592	40.7 40.2	SW	92	55.7	36.5	610.	Stars pretty good.
8	38.3	48.8	29.914	38.4 37.9	NW	72	54.8	39.2	610.	
9	37.3	48.3	30.110	37.4 36.8	NE & E	40	51.3	34.2	610	Fog.
10	46.0	49.8	30.021	46.3 45.0	E	106	54.6	31.7	0.	K
11	50.0	50.0	29.932	50.4 48.8	E & N	-	55.0	46.0	0	K
12	52.2	52.3	30.100	52.3 52.3	SE & S	143	59.8	50.3	0	g K
13	52.2	53.6	29.866	52.7 52.8	SE	161	62.0	51.6	0	g K
14	54.4	55.2	29.668	53.0 53.0	S	186	64.0	52.2	0, 2,	K
15	50.3	54.0	29.704	50.2 50.6	SW	31	58.5	49.3	0	K
16	51.3	53.6	29.822	51.8 50.7	S	103	58.3	48.2	0	K
17	51.2	53.8	29.883	51.3 50.0	SE	107	60.0	51.3	610.	Stars well defined.
18	50.0	55.4	29.216	50.6 50.0	SE	312	59.8	50.7	0	g K
19	45.5	53.3	29.418	46.2 42.5	S	93	59.8	46.3	65	KS.
20	42.2	48.3	29.672	42.5 40.8	S	76	53.8	40.7	610.	Stars badly defined.
21	44.8	51.0	29.740	44.7 43.3	SW	158	58.0	42.5	610	haze -
22	45.9	51.7	29.912	46.2 44.8	S	156	58.5	43.3	63.	KS.
23	48.7	52.0	29.967	48.3 48.8	W & N	89	57.0	45.7	0	K
24	45.4	51.7	30.080	45.4 45.2	SW	76	53.7	41.0	62	K
25	52.5	53.2	29.972	52.4 52.4	SW & S	159	57.2	45.4	0	K dimming
26	57.3	53.3	29.648	57.8 52.8	S	228	59.2	51.8	0	g C & KS Halo round Moon
27	41.7	49.5	29.176	41.8 40.4	SW	138	55.2	42.2	0	K & KS.
28	43.8	47.6	29.244	43.9 43.2	E & N	53	49.2	40.9	0	K Halo round Moon at 7 p.m.
29	48.6	49.9	29.282	48.7 46.3	E	163	54.3	43.5	0	K.
30	49.2	50.6	29.588	49.2 48.3	E & N	115	56.0	45.3	0	K & KS.
31	47.	48.7	29.701	47.1 45.1	NE & E		54.9	45.1	76	K. S Moon bright but hazy
	46.90	51.03	29.633				56.68	44.02		

1871	10 AM			Hygro	Anemo		Ombro		10 AM	
November	E	A	Bar	dry wet	Dir.	Sp	S	R		
1	49.7	49.5	29.822	50.3 48.6	ENE	168	--	--	64	K+C.
2	48.3	48.8	29.852	44.5 46.7	E	139	--	--	0	K+KS.
3	46.3	45.1	29.945	43.8 44.2	EN	102	--	0.006	0	K
4	43.6	46.6	29.980	41.3 45	NE	147	0.027	0.039	0	K
5	45.0	47.0	29.950	40.2 43.8	ELS	102	--	--	67	K
6	43.5	46.0	29.630	41.0 45.0	EN	91	--	--	0	K
7	44.6	46.3	29.352	44.6 41.3	N	31	0.037	0.043	0 f.	K
8	41.3	45.0	29.240	38.8 39.0	W	119	0.007	0.004	68. v.	KS
9	36.0	42.2	29.542	35.4 40.0	SW	99	0.013	0.008	69 v.	K
10	39.7	42.0	29.446	37.2 37.2	WN	112	0.000	0.006	0	K+KS
11	37.2	40.3	29.626	35.4 35.3	NW	39	--	--	710 v	
12	34.8	40.0	29.756	32.0 33.9	SW	77	--	--	710	haze
13	34.0	34.5	29.942	33.0 49.7	SW	24	--	--	6.3	C.CS+K
14	49.3	45.7	29.544	43.6 47.2	S	289	0.217	0.285	0 h.	K g
15	46.7	45.3	29.601	46.3 39.7	SW	102	0.373	0.505	0	K
16	39.7	42.8	29.827	37.9 37.6	NW	71	--	0.009	63 v.	K+KS
17	37.5	42.0	29.938	34.2 35.7	N	109	--	--	710. v.	
18	35.3	41.7	29.978	33.2 48.3	SW	49	--	--	710. h.	
19	48.0	44.7	29.888	45.7 51.2	SE	277	--	--	0 g	C+K
20	50.5	48.0	29.660	49.3 47.0	SE	403	0.296	0.352	0 g.	K+KS
21	46.6	47.1	29.472	45.2 40.0	SE	385	0.437	0.509	0 g.	K+KS.
22	40.0	45.3	29.692	40.0 41.2	SWS	131	0.122	0.151	710.	
23	41.2	43.8	29.824	40.8 37.5	SW	134	--	--	710.	
24	37.3	41.8	29.732	38.7 38.6	SW	42	0.033	0.035	Fog.	
25	38.6	42.0	29.854	40.2 39.2	SE	44	--	0.006	0	W.C.
26	40.2	41.3	29.902	39.5 37.6	NE	69	0.014	0.013	0	K
27	39.4	41.4	29.942	37.3 35.8	NE	90	--	0.002	64. v.	K
28	37.3	39.5	29.936	34.7 34.2	NE	97	--	--	710. v.	
29	34.8	39.8	29.852	35.4 32.2	NK	34	0.002	0.005	73	C+CS
30	35.2	38.0	29.916		NE	85	--	--		
	41.39	43.53	29.762				1.578	1.980		

1071	10 P.M.		Hygro	Anemo	Thermo					
November	E	A	Bar	dry wet	Dir:	Sp	Max	Min		
1	46.9	49.0	29.885	46.9 43.2	E.N.	197	53.0	44.7	77. q.	K Moon clear.
2	45.8	49.0	29.946	46.2 44.6	NE	95	51.7	45.3	0	K
3	42.3	47.3	29.954	44.3 40.6	NE	126	51.2	42.3	72.	KS.
4	44.0	46.7	29.966	44.3 42.5	NE	125	47.3	41.5	0 g	K
5	40.6	46.7	29.814	40.2 37.6	E	124	48.3	40.6	71.6.	V.
6	42.3	46.2	29.471	42.6 42.2	NE	70	47.2	40.0	0	h g K
7	40.0	46.0	29.230	40 39.8	SW	83	47.6	40.8	75.	KS.
8	34.8	40.8	29.502	34.8 32.8	SW	104	47.3	34.3	78.	KS
9	35.6	42.2	29.468	35.3 34.3	W	115	43.2	31.3	79	KS Bright aurora.
10	34.3	42	29.551	34.1 32.4	NE. 4E	98	46.2	32.3	6.7	S.C. Electric streaks aurora
11	31.0	37.2	29.688	31.2 30.5	SW	60	44.0	29.9	73	K & KS. Stars pretty good.
12	35.9	41.3	29.900	36.0 34.3	SW	72	43.2	29.7	0	K
13	45.0	43.9	29.782	45.2 43.0	SE	203	47.2	29.9	0 q.	K
14	48.8	45.7	29.485	49.3 49.2	SW	129	52.3	44.6	0	K
15	39.4	45.0	29.854	39.2 37.8	NW	131	51.8	40.0	79.	KS in horizon.
16	38.4	42.0	29.808	38.7 36.3	SW	118	45.0	35.3	0	(slight) K
17	35.9	41.9	30.014	35.0 34.2	N.W. 6W	63	42.6	34.8	0	K very dark
18	38.8	40.9	29.940	38.7 34.9	SE	149	42.2	32.0	79 q.	KS.
19	47.3	47.2	29.722	47.7 47.2	S	362	52.6	38.3	0	q. K
20	48.7	48.7	29.566	49.0 48.0	SE	401	53.2	46.8	0	q. K & KS
21	44.8	45.6	29.558	45.2 44.3	SE	232	52.0	43.2	0	K
22	35.8	40.8	29.772	35.0 35.7	SW	117	48.2	36.2	79.	V K Moon Halo at 10 th 10
23	38.0	43.3	29.748	38.0 37.8	SE	103	46.7	35.8	75	CS fog - Thick fog at 11 th 30
24	37.6	42.2	29.668	38.0 37.5	SW	48	43.3	31.8	0	K fog
25	32.8	39.0	29.858	32.3 32.2	NE	41	45.0	32.5	71.0.	fog - very thick in valleys.
26	41.2	42.0	29.926	41.3 38.5	NE	128	45.5	32.0	0	K
27	32.7	39.0	29.908	34.3 33.0	NE	99	44.3	33.8	79	K. Moon
28	36.2	41.0	29.886	35.8 35.5	NE. N	91	43.3	33.3	79	K in N.E.
29	35.0	39.5	29.880	35.2 33.7	NE	49	41.0	33.3	0	KS
30	34.2	38.1	30.038	34.0 30.3	N	101	40.3	31.3	74 v.	K & KS
	39.53	43.31	29.761				46.89	36.59		

1871	10 April			Hygro	Anemo		Ombro		
December	E	A	Bar	dry wet	Dir	Sp.	Sq	R	
1	36.7	38.3	30.111	36.8 34.4	N	76	--	--	0 K
2	35.6	38.0	30.092	35.8 33.8	SW	48	--	--	0 fog K
3	36.3	39.0	29.958	36.3 33.2	SW	60	--	--	59. v K
4	26.7	34.2	30.094	26.7 26.3	NE	23	--	--	310. f
5	29.2	33.0	30.068	29.3 28.3	SW	76	--	--	63 K & K
6	33.3	35.6	30.012	33.5 32.0	SW	51	0.003	0.003	0 K & K haze
7	36.3	35.6	30.050	36.3 35.2	W	37	--	--	62 K & K
8	37.6	34.2	30.176	32.8 32.0	SW	41	--	--	0 f. K
9	33.6	35.0	30.076	33.8 31.8	SW	94	--	--	0 K
10	37.8	36.2	30.038	38.2 37.8	SW	96	--	--	0 K
11	41.0	38.3	30.154	41.2 41.0	SW	121	0.023	0.012	0 g K
12	45.3	40.6	30.018	45.6 45.2	SW	224	--	0.003	0 K
13	45.8	41.8	30.096	46.1 45.8	SW	71	0.288	0.356	0 g K
14	46.5	43.5	30.086	47.0 46.3	SW	131	0.003	0.008	0 K
15	44.3	43.0	29.876	46.8 46.2	S	17	--	0.001	0 K & K
16	36.8	41.2	30.124	36.7 36.8	SW	90	0.008	0.025	0th. haze
17	45.5	42.3	29.773	45.8 44.8	SW	292	0.021	0.025	0 g K
18	57.8	47.8	29.260	52.3 50.4	S	417	0.080	0.259	0 g K
19	38.6	43.7	29.562	38.7 38.2	SW	149	0.012	0.031	38 K & C.
20	36.5	41.0	29.170	36.5 36.3	NE	166	0.370	0.365	0 K K
21	37.2	39.3	29.448	37.4 37.0	S	158	0.094	0.092	0 K K
22	43.0	42.2	29.622	43.6 43.2	SW	68	0.052	0.071	61 K & C. haze
23	38.8	42.3	29.763	40.1 39.5	S	62	0.003	0.020	60 S.C. filmy haze
24	45.7	40.4	29.525	44.7 44.5	S	109	0.039	0.107	0 K r till g haze
25	36.6	42.	29.563	36.6 35.8	S.W	175	0.030	0.105	0 K m
26	42.3	40.8	29.258	42.3 40.4	SSE	264	--	--	0 KSC
27	39.2	40.7	29.044	39.5 38.1	S.W	231	--	0.006	0 K f
28	39.9	42.5	28.908	40.3 40.2	S	240	--	0.326	0 K m
29	36.8	38.8	29.323	37.1 36.5	S.S.W	130	--	--	69 v CS
30	44.9	44.7	29.234	44.8 43.6	SW	305	--	0.349	0 g K r before g am
31	34.8	38.1	29.663	35.2 33.7	S	219	--	0.036	610
	39.01	39.91	29.755				1.054	2.224	

1871	10 P.M.			Hygro	Anemo		Thermo			
December	E.	A.	Bar	6 reg wet	Direct	Space	Max.	Min.		
1	34.6	39.0	30.198	34.6 33.5	NEW	62	43.0	31.8	0	K fog.
2	34.7	38.2	29.876	34.7 34.3	SWBS	131	40.2	31.5	62	K K K S.
3	27.0	37.0	30.020	27.0 32.2	NE	52	41.3	27.6	610.	fog roofline = 25.5
4	23.6	33.0	30.112	23.6 23.3	E	32	41.3	23.8	610-	fog low down.
5	34.8	35.2	29.586	34.8 32.7	W	102	37.0	23.0	0	K K K S
6	32.0	36.2	30.002	32.0 31.6	W	111	40.2	29.5	66	K K K S
7	28.7	34.9	30.174	28.7 27.4	N.W. & W	55	41.8	27.0	610	S. slight in horizon
8	31.6	35.3	30.108	31.6 31.2	SWBS	94	37.3	15.5	65	K K K S.
9	31.5	35.4	30.034	31.5 31.8	SWBS	90	38.0	28.8	61	K
10	39.0	37.2	30.056	39.0 38.9	SW	182	42.0	29.9	0	K
11	39.7	39.0	30.080	39.7 39.3	SW	164	45.3	37.7	62.	K K K S.
12	42.2	41.0	30.080	42.2 42.5	W	157	49.5	34.0	0 9	K
13	44.1	43.0	30.058	44.1 43.8	SW	197	48.5	41.0	0	K
14	44.3	43.5	30.036	44.3 43.6	S	123	49.6	42.6	0	K
15	42.2	41.0	29.904	42.2 41.8	SW	202	48.9	40.0	62	C K K S
16	36.4	40.6	30.004	36.4 35.8	S	138	45.0	34.5	69 9	K
17	49.9	45.2	29.572	49.9 50.2	S	108	52.0	36.0	0 96	K
18	45.8	47.2	29.110	45.8 43.2	WBS	429	55.8	46.0	62	K K K S
19	36.0	41.0	29.516	36.0 35.3	SWBS	169	48.5	36.2	69	KS
20	34.4	40.6	29.544	34.4 33.6	SW	161	43.5	34.6	610 v	
21	46.3	42.5	29.250	46.3 45.8	EBS	196	48.6	33.3	0	K
22	39.7	42.2	29.870	39.7 39.4	NE	57	48.9	39.7	0	K
23	45.6	43.7	29.787	45.6 44.9	SSW	184	48.1	36.0	0	K d
24	45.9	45.3	29.322	45.9 45.3	SSW	287	51.2	41.4	0	K d watery moon,
25	34.3	40.4	29.572	34.3 33.4	S	161	46.9	34.2	610 v	Moon bright slight haze
26	40.9	42.9	29.064	40.9 39.6	SSW	283	47.7	33.3	610 v 9	SC slight Clear moon
27	42.3	41.2	29.023	42.3 41.2	SSW	227	44.9	36.0	0 9	KS misty moon
28	35.2	41.1	29.113	35.2 34.7	S	89	47.4	34.6	0	KS
29	43.4	42.	29.316	43.4 42.6	S	224	45.2	31.7	0 9 9	K
30	36.1	41.2	29.404	36.1 35.1	S.E.	222	51.9	34.3	6.9 v	KS slight in SE
31	44.9	42.6	29.426	44.9 42.5	S	336	46.9	32.0	0 9 9	KS
	38.23	40.37	29.734				45.69	34.00		

Summary 10 St. M.				10 P. M.			Rain		Thermometer during Month			
1871.	E.	S.	Barometer	E.	S.	Barom.	Square	Round	Maximum		Minimum	
January.	35.67	36.47	29.488 ^{as read off}	36.58	36.68	29.501	3.427	4.324	50.6	6 th	27.2	12 th
February.	44.66	43.73	29.683	43.52	44.30	29.661	2.731	3.473	55.7	19 th	32.0	2 nd
March	46.55	45.25	29.726	44.99	45.91	29.709	0.958	2.049	63.3	24 th	25.5	15 th
April	49.81	48.49	29.561	44.48	49.04	29.544	3.210	3.405	63.3	13 th	31.0	9 th
May	56.12	53.81	29.914	48.96	54.43	29.917	0.258	0.408	74.2	7 th	31.8	17 th
June	58.93	58.42	29.799	52.67	58.95	29.795	0.997	1.183	73.4	15 th	42.5	3 rd
July.	60.55	59.63	29.561	52.71	60.27	29.587	5.540	5.206	72.7	14 th	48.3	31 st
August	63.02	61.24	29.789	56.33	62.03	29.807	2.151	2.521	77.2	9 th	47.3	22 nd
September	54.97	57.10	29.762	50.13	56.31	29.747	3.787	3.937	69.3	8 th	35.0	29 th
October	50.96	51.19	29.605	46.90	51.03	29.633	2.706	3.076	64.0	11 th	31.7	10 th
November	41.39	43.55	29.762	39.53	43.31	29.761	1.578	1.980	53.2	20 th	29.7	12 th
December	39.01	39.91	29.755	38.23	40.37	29.784	1.054	2.224	55.8	18 th	23.0	5 th
Summer	57.48	56.90	29.739	51.62	57.17	29.748	15.439	16.331				
Winter	42.83	42.90	29.662	40.39	43.27	29.652	12.958	17.455				
Year.	50.15	49.90	29.700	46.00	50.22	29.700	28.397	33.786				
Days of rain.	Mean Thermom.	Mean Barometer.	Greatest No. of miles of wind in 24 hours									
January	22	35.12	29.496	770	on the 16 th							
February	20	44.09	29.672	589	on the 5 th							
March	17	44.27	29.718	682	" " 12 th							
April	18	47.44	29.552	473	" " 18 th							
May	10	52.52	29.916	496	" " 3 rd							
June	16	55.82	29.797	444	" " 14 th							
July	31	57.78	29.575	346	" " 6 th							
August	14	59.67	29.798	437	" " 24 th							
September	16	52.55	29.756	408	" " 27 th							
October	25	43.93	29.619	518	" " 18 th							
November	13	40.46	29.761	804	" " 20 th							
December	14	38.62	29.744	816	" " 18 th							

Mean temperature of Year = 48.075

Maximum heat on Aug. 9th = 77.2

Minimum " on Dec 5th = 23.0

Mean Barometer = 29.700

Maximum = 30.372 on March 28th

Minimum = 28.218 Jan. 1st

Day of greatest Rain Sep 9th

square = 1.026

round = 0.979