

1839	Evening			Morning			Rain	Wys	
January	E	A	Bar	E	A	Bar			
1	43.2	44.1	29.872	41.8	42	29.914		43.7 41.5	
2	43.8	43.1	29.764	46.3	45	29.439	0.0087	45.7 44.3	
3	43.2	44.9	28.946	34.7	40.1	29.218		36.9 35.4	snow
4	33.4	37.3	29.276	33.8	36.8	29.200		34.8 33.6	snow
5	32	35.9	29.234	33.8	35.2	29.206		35.2 33.7	a tremendous gale in the night
6	48.9	42.5	28.277	38.8	40.5	28.550	0.0300	35.7 34.1	snow Min T 25°
7	33.	36.9	28.985	31.8	35	29.218		36.5 35.7	Min T = 27
8	31.3	36.1	29.385	29.0	33.3	29.731		35.7 34.7	Min T = 28
9	31	34.1	29.900	36.3	35	29.790		47.7 46.7	
10	44.8	39.9	29.650	49.2	43.9	29.543	0.0095	43 41.0	
11	39.9	42.2	29.846	41.4	41	29.935		45.8 44.3	a hard gale in the night
12	48	43.5	29.600	47.8	46	29.596	0.0300	41.9 40.7	
13	40.2	42.8	29.698	40.8	41.1	29.620		48.8 38.2	
14	35	40.2	29.654	36.5	40	29.792	0.0176	38.2 36.7	Min T 24.5
15	35.5	39.5	29.890	33.3	38.8	29.906		33.5 30.5	Min T 26.0
16	32.5	37	29.959	30.7	35.6	30.002		38.9 35.7	Min T 23.5
17	27	33.7	30.044	33	33.5	29.889			
18	43.8	39	29.388	38.1	40	29.370	0.1350		
19	39.7	40.2	29.601	40.9	40.1	29.672			
20	37.8	40	29.482	37.5	39.3	29.592	0.2300	38.4 37.8	
21	33.5	38.9	29.890	32.1	38.2	30.232		38.2 37.2	
22	28.2	36.2	30.396	31.1	34.1	30.428		34.7 30.9	Min T 25.0
23	35.5	36	30.412	38	37.3	30.435			
24	41.1	38.3	30.212	42.4	39.9	30.098			
25	39.1	40	30.092	36.5	38.6	30.272			
26	32.2	36.9	30.376	29	34.8	30.360		37.5 35.9	Min T = 23.5
27	25.9	33.9	30.170	31	33.2	29.836			Min T = 24.3
28	32.4	35	29.612	35.2	35.2	29.254			Rain
29	27.5	34	29.231	29.1	32.3	29.164		33.3 30.8	snow Min T 22.0
30	28.2	32	29.350	33	33.2	29.542		34.9 33	
31	33.8	33.9	29.928	28.9	32	30.032			Min T = 23.0
	36.18	36.32	29.684	36.19	37.69	29.704	0.4608		
				36.19					

1839	Evening 10			Morning 22 nd			Rain	Hogg	
February	E	A	B	E	A	B			
1	31.3	34.5	29.922	36	35.2	29.774	0.1260	35.93 34.43	
2	39	37.5	29.544	36.3	36.3	29.700	0.1820	38.53 37.23	
3	38.2	38	29.410	43.8	39.3	29.273	0.0500		
4	39.6	40.3	29.542	39	38	29.786		39.93	
5	39.1	39.2	29.764	39	39	29.892			
6	48.1	43.1	29.696	46.9	41.9	29.710	0.0660	46.13 45.13	
7	45.5	45.1	29.678	46.1	40.2	29.624	0.0850		but much more rain must have fallen Gale
8	47.8	46.1	29.796	52.5	47.2	29.720	0.0500		
9	39	43.7	30.064	38.8	40.1	30.190		42.73 40.93	
10	42	44	30.116	46.9	45.8	29.968		45.53 43.33	
11	47	45.5	29.824	42.8	44.2	29.940	0.0245	47.53 45.53	
12	36.2	41	30.040	41.9	40.8	30.084		42.93 40.93	
13	43.9	43.2	29.506	43.8	44.2	29.500		45.43 43.53	A hard gale in the Night
14	35.8	40.5	29.733	40.8	40.1	29.651		52.23 50.23	
15	41.3	42.5	29.144	34.9	37.3	29.148	0.0260	32.03 30.33	
16	32.4	36.2	29.140	31	35	29.058		32.83 31.73	
17	23.5	28.2	29.244	27.9	29	29.478			then T = 21.5
18	30.8	34.2	29.388	36	35.1	29.288		36.13	
19	33.3	35.1	29.270	35.5	35.2	29.686		37.83	
20	29.6	34.1	30.066	34	34.2	29.861		36.83	
21	40.0	37.3	29.449	41.7	38.8	29.425	0.0290		
22	39.2	39.8	29.320	42.2	38.9	29.420	0.0635	41.63 39.83	
23	36.9	37.5	29.532	38.5	37.8	29.488	0.0100	38.83	
24	33.1	37.3	29.462	37.9	38	29.604	0.0190		
25	33.8	39.1	29.832	40	41	29.764		39.83	
26	39.9	40.5	29.552	37.8	38.7	29.579	0.0590		
27	37	39.8	29.828	43	41.9	29.798	0.0205	42.73 40.83	
28	46	44.0	29.523	47.8	45	29.284	†	47.63 44.63	
	36.78	39.47	29.614	38.67	39.22	29.632	0.8105		

Month	Evening			Morning			Rain	Hyg	
	E	A	Bar	E	A	Bar			
1	37.8	42.5	29.585	41.9	42	29.654	0.1260	43.23	
2	37	44	29.856	41.8	40.3	29.835			
3	40.2	43.6	29.820	42.7	42.0	29.824		44.83	
4	36.8	43.2	29.944	38	40	30.067			
5	35.1	45.1	29.990	38.8	38	29.860			
6	28.4	36.1	29.720	31.4	34.5	29.726		36.13	MT = 24
7	29.6	35.2	29.787	30	33	29.829		33.63	- - = 22
8	30.4	34.7	29.856	31.9	34.2	29.896		32.73	- - = 27.6
9	27.4	35.1	29.927	34.5	33.5	29.912			- - = 22.0
10	34	36	29.672	43	40.8	29.608	0.1905	37.23	Snow in the evening and gale then rain
11	42.5	41.2	29.682	41.2	39.8	29.776		35.03	
12	42.7	42.4	29.700	44.9	42.5	29.630	0.0250	40.03	
13	46	45.3	29.620	47.3	44.7	29.712	0.0880	43.73	
14	47.4	46.7	29.589	47.3	45.8	29.382	0.1595	22.93	
	43.2	45	29.110	45.8	44	29.076	0.0680	47.13	
	38.	42	29.404	40.2	40.2	29.733		46.83	
17	34.9	39.5	29.917	39.9	37.8	29.900		45.0	MT = 27.0
	37.1	40.2	29.878	43.8	39.6	29.890	0.0185	44.93	
19	41	41.5	29.750	45.6	41.9	29.390	0.1030	38.13	
20	45	44	29.328	44.9	43.2	29.428	0.0758	44.53	
	37.2	42.5	29.396	41	41	29.404	0.0460	44.43	
	45.8	44.7	29.333	49.9	45.9	29.254		41.73	
	39.1	43.5	29.318	42.9	42	29.308	0.0055	39.93	
	34	41.5	29.246	43.9	43.1	29.295	0.0295	47.03	
	36.4	41.0	29.440	42.9	41.9	29.594	0.0780	22.23	
26	47.9	44.5	29.346	50.1	47.1	29.260	0.1200	43.53	
	41.2	44.8	29.060	45.8	44.2	29.136	0.0545	42.63	
	42	45.5	29.259	42	43.2	29.312		42.03	
29	38.5	42.2	29.400	38	40.5	29.360	0.0600	45.03	
30	42.1	42.1	29.200	44.9	43.0	29.100	0.0200	43.13	
31	43.8	43.5	29.220	44.6	44.1	29.416	0.0150	43.73	
	36.80	43.20	29.560	41.80	41.06	29.567	1.1928	44.53	Hard gale & rain, much more rain must have fallen
							1.2928	43.33	

1839	Evening			Morning			Rain	Hygro
April	H	A	Bar	H	A	Bar		
1	41.7	44.1	29.574	41.3	42.	29.706		45.47 41.83
2	37.3	42	29.796	36.2	40.1	29.757		30.73
3	36	39.5	29.777	38.2	38.5	29.666		35.23
4	36.5	39.7	29.479	43.6	39.1	29.487	0.1130	40.73
5	39.8	42.9	29.804	43.8	45	30.056	0.0400	43.83
6	35.2	48.	30.125	41.7	42.8	30.140		41.73
7	37.	41	30.083	41.8	43.7	30.084		37.03
8	37.9	42.1	30.176	35.9	40.8	30.320		40.33
9	37.8	41	30.424	40.7	40.2	30.489		42.83
10	35.7	43.	30.505	43.1	40.4	30.502		39.53
11	38.2	44.1	30.430	45.9	45	30.336		45.73
12	40.2	46	30.247	44	43.9	30.211		44.53
13	43	45.8	30.180	46.9	45	30.112		44.03
14	43.9	46.1	30.035	48.2	45.3	29.800		
15	44	46.7	29.526	49.8	46	29.296	0.0280	47.43
16	43.5	45.3	29.013	47	45.5	29.064	0.2280	46.43
17	37.9	44	29.104	45	44.3	29.172	0.1602	44.93
18	38.1	44.5	29.209	47.2	44.1	29.482	0.0220	47.33
19	40.2	43.8	29.764	46.1	46.1	29.970		42.83
20	43.2	46.5	30.102	49.9	46	30.055	0.0295	
21	47.9	47.9	30.060	51.5	47.2	29.992	0.1395	
22	51	49.6	29.854	53.1	49.8	29.804	0.1565	52.73
23	46.8	51.3	29.916	49	49	29.960		49.73
24	44.8	49.2	29.912	52.1	48.2	29.826		49.53
25	48.9	51.2	29.854	48	50	29.951	0.0108	50.23
26	43.5	49.3	30.040	51.5	47.8	30.060	0.0040	50.93
27	44.8	49.7	30.136	52.8	49	30.188		50.83
28	48.7	50.	30.065	55.1	51.1	29.978		52.53
29	52.2	52	29.968	58.2	52	29.892		
30	48.9	53	29.800	63.9	52.8	29.754		60.83

D = 43.53

1859	Tuesday 10 th			Thursday 22 nd			Rain	Winds	
May	E	A	Ba	E	A	Ba			
May 1	45.2	53.2	29.887	51.9	52	29.940		53.7 }	D 37.0 }
2	44.5	50	29.884	55.7	51	29.784		51.5 }	
3	50	53	29.700	54.3	53.5	29.457	0.1700	52.6 }	
4	48	51.3	29.466	45.8	49.2	29.500		52.5 }	
5	47	50	29.812	50	52	29.992		49.8 }	
6	45.3	52.5	29.989	49.8	48.5	29.950		50.2 }	
7	46	51.3	29.864	53.7	52.9	29.882	0.0250	54.2 }	
8	42.1	49.5	29.959	43.3	46.2	30.000		48.2 }	
9	40.9	46.2	30.020	45.7	47.5	30.071		42.2 }	
	41	48	30.136	49.9	47.2	30.146		50.1 }	
11	44.2	50.5	30.060	50.9	49.2	30.042		52.8 }	
	43	49	29.984	51.8	51.1	29.728		52.8 }	
	36.4	45.8	29.701	39	45	29.592		52.8 }	
	31.5	43.5	29.323	40.8	45.2	29.224	0.0675	46.2 }	
15	38.8	46.9	29.260	46	46	29.350	0.0260	47.1 }	
	39.2	45.3	29.532	52.3	50	29.544		43.1 }	
17	48.5	49.9	29.581	52.4	51.7	29.466		50.5 }	
	50.5	51.7	29.590	53	51	29.844	0.1740	45.7 }	
	49.0	52.0	29.984	54.9	51.4	30.139		66.1 }	
	44.0	52.5	30.158	51.4	52	30.052		56.7 }	
	43.7	50.2	30.035	49.0	51.5	30.120		45.5 }	
22	42.9	48.4	30.174	51.3	51.5	30.028		52.6 }	
	46.3	51.3	29.912	48.9	50.3	29.991		51.5 }	
	44.0	50.9	30.045	52.1	52	30.039		45.3 }	
25	46.7	53.7	30.208	52.9	52.5	30.004		53.1 }	
	46.2	53.1	29.988	58.2	54.7	30.034		50.1 }	
	57	55.5	30.044	62.5	57.5	30.084		40.1 }	
	53.9	58	30.064	58.8	59.2	30.100		50.3 }	
29	53.9	58.7	30.072	60.7	58.9	30.072		60.7 }	
	54.8	60.2	30.042	62	62	29.984		60.5 }	
	55.8	61	29.918	55	61.9	29.860		62.5 }	
	45.56	51.37	29.884	57.20	51.91	29.872	0.1625	61.1 }	
				51.74				50.4 }	

1839	Evening			Morning					
June	E	A	Bm	E	A	Bm		May	
1	51.5	58	29.785	52.8	61	29.736			
2	50.8	57.1	29.604	55.2	61	29.544		59.1	
3	45.2	51.9	29.500	62.1	59.8	29.536		52.8	
4	55.2	61	29.615	61.5	60.5	29.704		59.23	
5	56.2	61.6	29.669	58.8	60.5	29.590		52.43	
6	55.3	60	29.501	58	59.5	29.274	0.0530	57.63	a little rain but not enough to appear in the eye
7	56.7	59.7	29.234	61.9	61.1	29.446	0.0100	59.53	
8	52.8	58	29.416	57.1	56.5	29.568	0.0240	53.23	
9	50	55.9	29.840	58.3	55.8	29.840		58	
10	52.5	58.1	29.778	59.9	58.5	30.044	0.3825	53.5	
11	52.8	57.8	29.988	57.8	58.2	29.900	0.2805	57.8	
12	52	57	29.884	52	56	29.852		52.9	
13	50.2	55.2	29.864	55.2	55.2	29.876	0.0305	52.83	
14	48.9	56.8	29.887	56.3	56.2	29.960		52.7	
15	51	56	30.038	58	58.2	30.138		52.53	
16	52.9	58.8	30.114	63.1	61.5	30.037		60.33	
17	58.2	63.9	29.877	68.2	63.6	29.798	0.0865	63.73	
18	56.8	64	29.720	66.2	63	29.768	0.0040	59.93	
19	59	65.5	29.986	65.8	63	29.942	0.0680	64.8	
20	55.7	64	29.752	57	61.3	29.481	0.8470	67.63	at 12
21	56.0	61.2	29.495	65	58.8	29.086	0.3000	62.53	50
22	52.9	58	28.994	58.3	59.9	29.182	0.0080	61.13	
23	52.9	60	29.400	61.2	60.2	29.559		58.23	
24	52	60	29.648	61.5	58.5	29.676	0.0100	58.63	
25	51.7	60	29.624	60.2	60	29.512		60.13	
26	53.3	59.5	29.528	57.5	59.8	29.570	0.0615	58.23	
27	51.2	57.9	29.604	54.6	57.8	29.696	0.0930	58.23	
28	47.1	53.8	29.881	52.1	56.2	30.040	0.0330	56.13	
29	45.9	52.9	30.102	58	55.3	30.102		57.03	
30	49.2	57.4	30.174	58.8	58.2	30.208		57.43	
	52.60	59.43	29.718	59.69	59.50	29.723	2.0740	59.73	
							2.2915	52.73	

1839	Evening 10"			Morning 22"			Rem	Hyge
July	E	A	Bar	E	A	Bar		
1	55.5	60	30.237	57.2	58.8	30.250		58.7 }
2	53.8	57.5	30.240	62.2	59.8	30.200		61.8 }
3	56.9	62	30.160	61.7	61.0	30.135		57.2 }
4	56.8	63.5	30.132	61	63.5	30.038		63.5 }
5	57	62.9	29.816	57.7	61.3	29.667	0.0312	58.5 }
6	57.8	61.5	29.480	57.2	60.8	29.279	0.3450	58.8 }
7	57.2	60.2	29.192	59.1	60.2	29.208	0.1506	59.8 }
8	53.3	59.2	29.210	59.2	59.9	29.235	0.0575	59.7 }
9	51.7	57.3	29.381	60.3	59.8	29.200	0.2401	60.2 }
10	52.7	59.2	29.527	59.9	58.2	29.552		52.5 }
11	52.1	59.1	29.417	62.4	61	29.496	0.1300	59.3 }
12	52.2	58.9	29.718	61.7	58	29.850	0.0740	62.4 }
13	55.2	62.3	29.836	57.9	58.8	29.692	0.0610	58.5 }
14	54	61.5	29.672	61	60	29.692	0.1488	58.2 }
15	50.9	58.2	29.847	61.7	60.5	29.900	0.1030	59.2 }
16	55.2	60	29.824	59.5	60.8	29.714		59.0 }
17	57.8	59.9	29.528	59	59.5	29.060	0.0150	57.9 }
18	54	59.2	28.990	57.2	57.9	28.750	0.7363	
19	51.8	59.2	29.070	62.1	59.2	29.236		61.2 }
20	55.2	59.2	29.369	60.3	59.5	29.467		59.1 }
21	54	60.1	29.588	57.4	59	29.684	0.0100	57.2 }
22	56	59.7	29.755	61.7	60	29.669	0.0140	60.5 }
23	58.5	61.9	29.550	64.7	61.2	29.468	0.1735	62.6 }
24	53.7	61	29.578	60.7	59	29.628	0.1625	59.4 }
25	52	58.2	29.594	63.	61.5	29.514	0.0130	57.8 }
26	53.2	61.8	29.450	61.1	60.2	29.496		57.2 }
27	52.5	61.7	29.629	59.5	58.9	29.708		
28	52.4	61.8	29.778	60.9	60.9	29.745		60.2 }
29	50.6	60	29.660	59.8	58	29.618	0.0875	59.1 }
30	54.2	60.2	29.442	53.8	57.3	29.428	0.1583	58.2 }
31	47.8	55.2	29.624	56	57.2	29.628		58.4 }
	54.13	60.03	29.623	60.06	59.73	29.523	2.7112	

Gale of wind

1839	Evening 10 th			Morning 22 th			Rain	Hug
Aug	E	A	Bu	E	A	Bu		
21	56.2	60.2	29.628	59.1	57.5	29.704	0.0060	
22	56.1	59.8	29.762	63.8	61.3	29.912		61.23
23	55	59.2	30.024	58	57.7	30.130		58.07
24	52.3	59.9	30.184	58.8	59.2	30.134		58.53
25	56.8	61.3	30.024	56.0	59	29.734	0.0720	58.23
26	58.2	60.5	29.496	59.5	60.1	29.504	0.1105	60.93
27	54.5	60	29.692	59.3	59.9	29.852	0.0440	58.93
28	55.9	61	29.916	62.1	61.5	29.752	0.0250	58.23
29	53.1	59.	29.681	59.5	58.2	29.638	0.0560	57.53
30	55.2	58.9	29.692	58.7	58.9	29.991	0.0940	58.13
31	57	58.2	30.169	56.2	59.9	30.176		61.03
1	49.1	58	30.124	55.7	56.2	29.980		58.53
2	52.2	58.8	29.817	57.8	57.8	29.600	0.3785	58.93
3	55	58	29.494	56	57.9	29.416	0.4165	58.03
4	55.8	58	29.444	55.7	57.3	29.466	0.1007	57.03
5	53.2	57.2	29.528	52.8	56	29.663	0.0540	54.93
6	51.2	55.8	29.812	55	55.2	29.898	0.0300	58.23
7	47	55.9	29.936	55	55	29.900		57.93
8	45.9	54.	29.961	56.1	56.2	29.036	0.1420	54.33
9	55.6	56.	30.057	57	56.5	30.020		58.73
10	52.2	58	29.912	61.9	59.8	29.920	0.0365	57.53
11	55.5	58.8	29.980	58.8	58.1	29.936	0.0810	58.93
12	59	60	29.882	58.8	58.9	29.782	0.0000	58.53
13	53.8	59	29.744	60.5	59.1	29.738	0.1020	60.03
14	54.8	58.5	29.626	59.6	59.9	29.634		58.83
15	50.2	56	29.610	57.2	56.5	29.660	0.0215	58.13
16	48.7	55.8	29.860	56.7	56.0	29.733	0.0335	58.33
17	58.3	58.9	29.594	60.2	59	29.420	0.0500	60.63
18	53.1	59	29.461	59	57.5	29.486		59.43
19	55	59.2	29.350	56.5	58	28.848	0.2175	54.33
20	53	58.5	28.630	56.3	57.5	28.560	0.2152	58.13
	53.58	58.43	29.809	58.00	58.76	29.687	2.4164	

put 30

X Is this correct

D. 27

1839

Evening 10thMorning 22nd

Sept	E	A	Bar	E	A	Bar	Rain	Wye
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0 1	51.3	57.4	28.716	55.8	57.2	28.778	0.0582	57.23
2	51.5	57.1	29.006	57.7	58	29.112	0.1680	57.13
3	53.1	58	29.376	58	56.8	29.588	0.0610	58.53
4	55.3	58.1	29.589	61.8	60.7	29.374	0.0940	60.53
5	52.9	57.9	29.474	59	60	29.610		59.63
6	58.5	60	29.448	55.3	59	29.386	0.3225	52.43
7	50.7	58.1	29.000	52.9	52.8	29.448	0.2930	
8	58.2	58.5	29.458	58.5	57.9	29.512	0.1095	
9	50.9	55.9	29.568	58.8	57.5	29.800	0.0400	58.63
10	51.3	56.2	29.888	56.5	56.2	29.824		58.33
11	48.4	55.1	29.714	56.5	55.1	29.600		57.53
12	46.5	55.2	29.484	53.8	56.8	29.323	0.0590	55.43
13	46.1	57.2	29.202	47.9	53.2	29.012	0.0595	52.83
14	51.4	53.3	28.980	55.2	54.3	28.914	1.0235	29.53
15	52.1	55.2	28.987	55.6	55.0	28.967	0.1370	55.13
16	51.1	55	28.938	52.7	53.2	28.936	0.1530	52.53
17	51.7	53.2	28.950	55.8	55.4	29.059	0.0190	54.93
18	50.7	53.5	29.090	53.2	53	29.100	0.1110	53.23
19	48.8	54.8	29.180	52.1	53.1	29.284		52.43
20	48.8	53.1	29.353	52.8	56	29.382	0.0665	55.83
21	45.7	52.1	29.394	50.5	53.8	29.468		56.83
22	48.3	53.9	29.553	52.9	55.7	29.600		56.23
23	50.2	54	29.585	55.9	55.8	29.408	0.0050	52.93
24	55.4	55.5	29.287	54.8	57	29.267	0.2210	58.23
25	50.5	52.1	29.312	56.5	55.8	29.458	0.0850	57.13
26	48.3	54.7	29.580	50	52.4	29.420	0.0120	53.23
27	50	53.2	29.124	53.9	52.2	29.226	0.0605	
28	46	52.9	29.339	51	51.8	29.436		54.23
29	47	54	29.589	50.8	51.9	29.742		55.13
30	43.7	51.9	29.822	52.9	51.5	29.727		52.53

Globe Gage = GG = 0.2775 High Wind

GG 0.0310
GG 0.0710 { The drops hung at the overlaps
of the globe and some are lost
GG 1.0052 but it had overflowed

GG 0.1460

GG 0.1930

GG 0.0600

The overlaps made even

G 0.0640

G 0.0070

G 0.1230 Gale of Wind

G 0.2005

G 0.0100

G 0.1025

50.55 55.14 29.322 54.57 55.37 29.393 3.1552

2.1615
3.1602

2.5908

1839	Evening 104			Morning 22			Rain	Weg	
October	E	A	B	E	A	B			
10 th	51.7	53.5	29.468	51	52	29.452	0.1070	55.03 50.83	0.2410
2	42.3	49.8	29.625	48.3	49.2	29.632	0.0120	50.83 49.23	0.0054
3	45.1	48.7	29.276	48.9	49.7	29.584	0.5490	49.63 48.73	0.7540
4	42.2	46.9	29.932	46.8	48	30.094			
5	41.1	49	30.140	48.1	48	30.160			
6	45	50	30.112	49.8	48	30.056		50.43 27.53	
7	50.5	57.2	29.866	53.1	52.1	29.720		53 51	0.0060 None in the other Gale in night
8	49.4	52	29.572	51.5	51.2	29.472		52.3	
9	49.9	51	29.317	51.2	50.5	29.094	0.0522	51.43 49.83	0.0715
10	46.2	50.5	29.226	47	49	29.344	1.0770	49.83 47.83	1.2035
11	52.8	54.1	29.572	53.5	51.5	29.552	0.1670	52.13 51.13	0.2050
12	44.8	48.9	29.710	52.2	49.4	29.634	0.0850	52.83 49.13	0.1260
13	52.5	51.9	29.452	57	54	29.338	0.1450	52.13 51.13	0.1820
14	45.3	50.1	29.460	48	48.9	29.614	0.0632	52.13 49.83	0.1145
15	42.5	49	29.560	48.8	48.4	29.452	0.0130	49.83 47.03	0.0340
16	43.9	47.5	29.638	46.5	58	29.924	0.0750	50.13 49.93	0.1562
17	37.8	46.2	29.931	42.5	45	29.802	0.0030	46.23 44.83	0.0070
18	40.7	45	29.796	47.2	45.2	29.572		52.83 47.83	
19	43.5	48.2	29.866	50.8	48	29.846		51.3 48.3	
20	45.8	48.2	29.797	52	50.5	29.756		52.23 50.23	
21	53.8	52	29.666	56.2	53.2	29.624	0.0070	50.83 50.13	0.0250
22	48	51.6	29.824	47.1	50.2	29.716	0.3425	49.83 48.83	0.4380
23	45	49	29.759	48.3	48.2	29.904	1.1085	49.13 48.13	1.1935
24	48.7	49.9	30.050	50.3	50	30.245	0.0190	51.43 50.33	0.0230
25	47.5	50	30.316	49.2	49.6	30.316		50.83 48.73	
26	43.8	48.9	30.287	43.4	46.9	30.295		51.53 49.13	
27	41.5	46.3	30.294	45	46	30.370		49.13 47.23	
28	42	47.8	30.412	44.2	45.9	30.398		47.23 44.53	
29	42.2	47	30.299	46.8	46.1	30.156		47.23	
30	45.1	47	30.072	47.5	46.1	29.964			
31	44.6	47.1	29.878	44	45.5	29.740	0.0065	45.23 42.53	0.0047
	45.65	49.30	29.810	48.81	49.82	29.515	3.8309		4.7903
						29.319			

1839	Locum 10"			Morning 22"			Rain	Hyg	Globe Gage.
November	E	A	Bar	E	A	Bar			
1	439	46	29.588	45.2	45.9	29.582	0.1380	46.1 }	0.2410
2	45.2	46.5	29.490	45.8	46	29.412	0.0680	45.8 }	0.0925
3	48	47.2	29.397	47.0	47.2	29.368	0.3280	46.8 }	0.4930
4	46.4	47.2	29.477	47.1	47	29.501	0.1312	48.1 }	0.2171
5	45.1	48	29.597	47	50.8	29.542			
6	439	47.1	29.509	45.1	46.3	29.484	0.0450	46.8 }	0.0470
7	47.2	47.2	29.446	48.9	47.5	29.288	0.0580	47.2 }	0.0670
8	52	49.3	29.208	50.7	49.3	29.114	0.2650	50.3 }	0.4620
9	50.7	50.2	28.980	49.1	61	29.052	0.0035	51.6 }	0.0015
10	48.1	50	28.941	48.2	48.2	29.968		48.3 }	
11	42	45.2	29.008	44.5	46	29.150	0.0005	46.2 }	0.0230
12	39.8	44	29.384	40.2	42	29.600		44.9 }	
13	40.7	44	29.658	50	47.1	29.480	0.1345	50.4 }	0.1920
14	44.3	47.5	29.660	51.1	48.2	29.560	0.0240	51.1 }	0.0330
15	50.8	49.5	29.465	51	49	29.394	0.0312	51.2 }	0.0308
16	45.3	49.1	29.566	45.2	47.8	29.732		49.4 }	
17	47.7	48.2	29.706	47.3	47.5	29.684			
18	45.1	48.2	29.650	49.2	48.2	29.420	0.1270		0.2640
	40.9	45	29.664	42.2	56.4	29.888		45.8 }	
20	45.5	47.8	29.309	43.5	45.8	29.360	0.1310	46.5 }	0.2280
	43	45.7	29.732	42.2	54	30.000		46.7 }	
22	38	45.5	30.053	42.7	43.4	29.992		45.3 }	0.0070
23	43	45.2	30.032	47.9	46.1	29.624	0.0200	47.8 }	0.1900 a gold NB
24	51	48.2	29.515	51	49.2	29.224	0.0030	48.8 }	0.1145 do but is the gage by 1/4.
25	39	45.3	29.189	37.3	42	29.175	0.0020	39.9 }	0.0440
26	31.1	40.2	29.204	30.5	38	29.287		34.0 }	Then T = 26.5
27	31.3	38.5	29.331	31.8	37.8	29.392		33.2 }	
28	29	38	29.409	36.9	37.9	29.244		31.2 }	
29	43.5	40	29.060	42.7	40.9	29.096	0.5338	41.9 }	0.8910
	40.2	41.2	29.308	35.2	43.0	29.432		41.7 }	Then T 28.0
	43.37	45.83	29.451	45.94	46.65	29.469	2.0637		3.6384

1829		Evening 10 ^h			Morning 22 ^h			Calan	Hyge	
Deerwh		E	A	Ba	E	A	Ba			
① 1	37.9	40.2	29.502	41.8	47.7	48.685				
2	37.7	41.1	29.784	35.7	38.4	29.812		41.73		
3	35.5	38.2	29.767	32.1	37.2	29.749	0.0025	35.43		
4	31	36.2	29.816	40	38.2	29.900	0.1400	36.13	0.0265	
5	40.2	39.3	30.028	42	40	30.028		39.3	0.0680	
6	45.2	42.8	29.920	44.2	42.8	29.870	0.0430	43.23		
7	43.2	42.6	29.836	41.8	41	29.833		41.53		
8	38.8	40.5	29.798	38.5	40.1	29.668		39.93		
9	36	39.0	29.466	37.5	39.1	29.322	0.0252	37.93		
10	37.8	39	29.236	39.5	39.1	29.236	0.0690	38.83	0.0420	
11	40.9	40.9	29.052	43.1	41	28.888	0.3250	37.13	0.0825	
12	41	41.9	28.856	41.8	41.1	28.898	1.0800	40.83	0.4870	
13	41.1	41.2	28.871	40.8	41.1	28.988	0.7600	39.93	1.1350	
14	38	40.8	29.236	38.9	41	29.336		40.33	0.8300	
① 15	38.4	40.7	29.389	37	39.8	29.644	0.0370	40.53		
16	28.3	39	29.810	40.1	38.1	29.656	0.0840	37.13	0.0370	
17	41.3	40.4	29.260	42.5	41.2	29.067	0.0955	39.83	0.0140	Min T = 27.0
18	44	42	28.968	46.7	43.2	28.978	0.0580	41.63	0.2645	
19	49.2	45.1	28.784	49.1	45.8	28.808	0.0980	47.03	0.1185	
20	49	46.1	28.770	47.2	45.9	28.888	0.0610	45.83	0.1445	
21	42	45.1	29.110	45.8	45.6	29.035	0.0610	49.1	0.1740	
① 22	49.9	47.2	28.708	42.8	44.3	29.061	0.0045	47.13	0.1740	
23	42	44.2	28.772	41.8	44	28.675	0.0260	45.73	0.0185	
24	41.4	43.7	28.844	39.8	40.9	29.170	0.0600	44.93	0.1530	
25	32.5	39	29.410	31.4	37.6	29.370		43.83	0.2340	
26	33.8	37.7	29.200	31.0	36.5	29.300		42.33	0.0550	
27	29.1	34.5	29.387	30	34.8	29.632		41.53		
28	29.3	34.2	29.882	32.1	34.2	30.112		37.83		
29	27.7	34.8	30.142	39.9	36.9	29.850	0.0865	36.43	0.0970	
30	45.8	40.5	29.544	39.9	40.2	29.331	0.0810	36.23	0.2150	
31	36.9	39.4	29.284	38.0	38.0	29.300		35.93		
	38.63	40.56	29.375	39.72	40.80	29.390	2.2429	37.23		
									4.1940	
									41960	

N. T = 27.7
 Min T = 26.5
 = 27.0
 = 28.0

Gale

1839	Mean of Each month Bar at 50°								
Month	E	A	Bar	E	A	Bar	Rain	Therion Vahon	Globe year
Jan	36.18	38.32	29.786	36.19	37.69	29.733	0.4608		
Feb	36.78	39.47	29.644	38.67	39.22	29.659	0.8105		
March	38.80	43.20	29.579	41.80	41.06	29.597	1.1298	11928	
April	42.15	45.97	29.909	47.15	45.36	29.905	0.9315		
May *	45.56	51.37	29.884	51.20	51.91	29.867	0.4625		
June *	52.60	59.43	29.698	59.69	59.50	29.700	2.0740		
July *	54.13	60.03	29.596	60.06	59.76	29.496	2.7112		
August	53.58	58.43	29.786	58.00	58.76	29.664	2.4164		
Sept *	50.55	55.14	29.308	54.57	55.37	29.379	3.1552		
Oct *	45.65	49.30	29.808	48.81	49.82	29.814	3.8309		4.7903
Novem	43.37	45.83	29.462	45.94	46.65	29.478	2.0637		3.6384
Decem	38.83	40.56	29.400	39.72	40.80	29.415	3.2429		4.1940
Summer	50.30			55.34			14.6502		
Winter	39.47			41.35			8.6392	9.1375	12.6227
year	44.95	48.92	29.649	48.47		29.642	23.2894		

$$E = 46.67$$

$$A = 49.94$$

$$Bar = 29.646$$