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The Permanent Committee of the Vienna Congress having recommended that actual observations at stations of the second order should be published from a certain number of stations in each country, on a uniform plan, in order to facilitate climatological enquiries; the Committee have at once resolved to co-operate in an international undertaking of the nature proposed, and while the systematic publication of such results will commence with the year 1875, they have determined to publish the observations taken by Dr. Ralph Copeland at Parsonstown, for the Earl of Rosse, F.R.S., for the year 1873, although the hours of observation are not the same as those adopted at present. To these tables are appended the monthly summaries for the same year for the six stations of

		Observer.
Sandwich Manse	-	Rev. C. Clouston, LL.D.,
Seaham Harbour	-	Mr. G. H. Aird,
Durham	-	J. J. Plummer, M.A.,
Hull	-	Rev. W. P. Mackay, D.D.,
Dublin	-	J. W. Moore, M.D.,
Parsonstown	-	R. Copeland, Ph. D.

These results are published on the form also proposed by the Permanent Committee, as will be seen from p. 9 of their Report.

It will be noticed that the symbols proposed by the Vienna Congress have been employed in the "Remarks" column. They are as follows:

Rain - - - - ●	Hoar-frost - - - - □	Solar Corona - - - - ⊕
Snow - - - - ✖	Dew - - - - ∩	Solar Halo - - - - ○
Thunderstorm - - - - ⚡	Silver-thaw ("Rauh-frost," "Duft") - - - - } V	Lunar Corona - - - - ⊙
Lightning, without Thunder, } or Sheet Lightning - } <	Glazed Frost ("Glatteis") - - - - ~	Lunar Halo - - - - ⊙
Hail - - - - ▲	Snow-drift - - - - ⬆	Rainbow - - - - (
Soft-Hail ("Graupel") - - - - Δ	Ice crystals - - - - †	Aurora - - - - ✨
Mist, Fog - - - - ☼	Strong wind - - - - ↻	Dust Haze ("Höhenrauch") - - - - ∞

In respect of their intensity, the individual phenomena are distinguished by the figures 0 and 2, which are used as exponents of the symbols, in such a way that 0 indicates very slight, 2 strong.

e.g. ●<sup>0</sup> slight Rain.  
●<sup>2</sup> heavy Rain.

The figures placed after the symbols indicate the period of occurrence of the respective phenomena. Thus in the case of Parsonstown:

1	indicates	8 a.m.
2	"	4 p.m.
3	"	Midnight.
1'3	"	From 8 a.m. to midnight.
8a-4p	"	From 8 a.m. to 4 p.m.

The explanation of this mode of expression will be found in the Report of the Permanent Committee above referred to.

The tables employed for Hygrometrical Reductions are Glaisher's (Fifth Edition), except in the case of Parsonstown where Kämtz's tables have been used.

The monthly rainfall values for Parsonstown differ from those already printed in the tables of rainfall (pp. 20, 32, 44, and 73), inasmuch as these latter are for the months composed of civil days ending at midnight, the former for the months composed of days ending at 8 a.m.

QUARTERLY WEATHER REPORT.

BIRR CASTLE, PARSONSTOWN.

Lat.  $53^{\circ} 6' \text{ N.}$  Long.  $7^{\circ} 55' \text{ W.}$

Observer, R. COPELAND for EARL OF ROSSE. Height of Rain Gauge above ground 8 ins., above M. S. L. 183 ft.  
JANUARY 1873.

Date.	Barometer. Reduced to 32° and Sea Level.			Air Temperature.					Tension of Vapour.			Relative Humidity.			Wind. Direction and Force. Beaufort Scale.			Amount of Cloud. 0-10.			Rain.  Measured at 8 a.m.	Remarks.	
	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	Min.	Max.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.			
1	29° 577	29° 176	29° 137	37° 7	45° 0	39° 9	35° 8	40° 7	205	252	234	93	94	96	SSW 2	SSE 6	SE 0.5	4	10	9	ins. .131	1	
2	282	447	304	37° 8	38° 9	41° 6	36° 6	47° 6	208	194	229	93	85	89	SW 1	WSW 2	SE 2	4	6	10	.123		
3	214	453	686	43° 9	39° 1	35° 4	36° 7	45° 1	203	200	189	77	86	92	SW 5	SSW 2	SE 0.5	9	3	0	.133		
4	411	422	535	44° 4	40° 3	35° 2	34° 1	46° 0	274	233	197	95	94	97	WSW 3-4	SW 0.5	SW 0.5	10	10	4	.103		
5	511	511	607	36° 3	37° 9	47° 6	32° 7	45° 8	200	183	298	95	84	92	SW 2	WSW 2	SSW 2-4	10	4	10	.202		
6	657	672	747	50° 4	51° 2	50° 9	36° 0	51° 4	317	306	318	88	82	87	SSW 2	SSW 3	SSW 3	10	10	10	.005		
7	766	597	347	47° 9	47° 0	48° 5	47° 0	52° 7	262	281	249	81	89	75	SSW 2	SSE 3	S 6	5	7	—	3		
8	455	417	308	43° 8	42° 0	41° 9	42° 9	52° 0	233	229	244	86	88	93	SE 1-2	SSE 1	E 0.5	10	6	9		.056	
9	262	126	168	43° 0	48° 5	45° 2	36° 7	47° 5	238	322	266	91	95	89	E 0.5	SW 2	E 1-2	1	10	7		.304	
10	319	377	441	45° 4	46° 1	41° 7	40° 9	50° 2	263	269	247	88	88	94	SE 1-2	SW 1	SE 0.5	4	6	1	.300		
11	556	607	761	40° 8	46° 7	43° 6	39° 7	49° 1	233	280	249	93	90	89	E 1	SW 0.5	NW 0.5	0	9	10	.160		
12	888	863	692	34° 9	45° 1	46° 5	33° 6	50° 3	201	239	276	100	82	89	NE 0.5	SSW 1	SW 5-6	9	8	10	.111	2	
13	750	844	678	50° 9	51° 8	51° 1	34° 5	52° 4	359	371	365	97	97	97	SW 1	SW 3	SW 2	10	10	10	.060		
14	857	880	825	50° 6	50° 2	49° 9	48° 6	53° 1	322	323	306	89	90	86	SE 1-2	SSW 2	SW 2	9	10	10	.121		
15	896	906	895	43° 4	42° 1	34° 7	42° 5	52° 7	267	246	183	95	93	92	W 0.5	Calm	0 SW 1	10	10	10	1.114	2 * 3	
16	691	827	915	34° 9	32° 1	33° 6	34° 1	44° 7	201	209	179	100	90	93	NE 0.5	SW 1	S 0.5	10	9	0	—		
17	803	29° 684	29° 812	38° 9	38° 9	34° 6	31° 9	40° 1	199	182	168	87	82	86	SW 1	SSW 1	SSW 1-2	8	2	5	.108		2 * 3
18	29° 379	28° 969	28° 745	41° 9	45° 5	41° 6	32° 5	44° 7	237	286	220	91	95	87	SW 2-3	SW 1-2	SW 1-2	10	10	0	.473		
19	28° 604	421	29° 452	39° 9	33° 9	29° 0	34° 0	48° 8	188	180	134	91	95	89	WSW 1-2	SSW 2	NE 0.5	10	10	6	.505	2 *	
20	29° 353	28° 511	869	30° 3	28° 1	22° 0	21° 7	36° 8	148	128	103	94	88	97	Calm	0	E 0.5	10	7	2	.160		* 1 2 2
21	29° 073	29° 073	28° 785	27° 8	33° 1	34° 8	169	32° 7	137	169	192	96	90	96	NE 0.5	E 0.5	E 1	4	6	4	.220		
22	28° 862	067	29° 452	33° 9	33° 9	34° 3	26° 7	36° 8	199	199	177	98	88	93	NNE 1-2	W 1	N 0.5	10	9	0	.008	2	
23	29° 449	283	408	34° 1	39° 5	33° 1	31° 0	39° 7	191	206	183	98	87	97	NW 1	E 0.5	NW 0.5	3	10	4	.009		2 3
24	712	844	900	29° 9	29° 9	29° 9	29° 1	40° 7	199	202	151	96	85	97	NE 0.5	Calm	0 NNE 0.5	1	1	0	—		
25	720	520	581	37° 3	44° 9	48° 8	42° 5	202	275	326	92	93	95	SW 1	SE 3	SE 3	10	10	10	.320	1 3		
26	477	626	785	41° 7	46° 5	39° 9	36° 0	49° 7	253	273	230	97	88	94	S 0.5	SSE 0.5	SSW 0.5	7	6	4		—	
27	898	860	792	37° 0	45° 4	43° 36	36° 7	51° 1	215	235	237	98	87	85	SE 0.5	SE 1	SE 2-3	2	1	9		.006	
28	736	777	919	42° 9	43° 6	42° 0	36° 4	48° 0	233	259	252	86	92	95	SSW 2-3	SE 3	Calm	0	10	10	.230	2 3	
29	29° 980	29° 997	29° 964	40° 1	38° 9	35° 0	36° 9	45° 0	240	211	192	98	92	85	W 0.5	E 0.5	E 0.5	10	10	8	.081		
30	30° 019	30° 053	30° 084	32° 2	36° 9	33° 6	33° 6	41° 7	154	182	167	78	92	80	SE 0.5	SE 0.5	E 0.5	8	9	10	—		2 3
31	30° 080	29° 085	29° 096	35° 9	36° 3	38° 0	33° 7	37° 7	175	162	204	84	79	90	SSE 0.5	SE 2-3	SE 3	10	10	10	.026	2	
Mean	29° 524	29° 517	29° 532	39° 6	41° 9	39° 7	34° 8	45° 9	223	237	225	92	89	91	1° 3	1° 5	1° 5	7° 4	7° 7	6° 6	5° 359		

## FEBRUARY.

1	29°8'38"	29°7'13"	29°4'84"	38°4"	38°0"	29°8"	35°4"	39°9"	"205"	"202"	"146"	90	89	94	SE	E 3-4	ESE 3-4	ENE 3-4	10	10	10	"240	✕ 2°3
2	29°4'74"	29°6'68"	29°8'86"	29°7"	30°7"	25°1"	28°4"	39°7"	"143"	"144"	"106"	92	90	80	NE 3	NE 3	N 1	N 1	10	10	0	"058	✕ 1°2
3	30°0'71"	30°2'15"	30°3'64"	22°1"	33°5"	26°1"	21°5"	32°3"	"109"	"184"	"112"	100	86	81	NE 0°5	NW 0°5	NW 0°5	NW 0°5	0	1	0	—	—
4	"429"	"367"	"235"	19°9"	33°8"	30°2"	18°3"	36°9"	"095"	"175"	"128"	100	100	80	Calm 0	W 0°5	W 0°5	SE 1	0	2	10	"054	—
5	"066"	"129"	"209"	33°4"	38°9"	30°0"	19°5"	36°9"	"156"	"199"	"169"	95	84	100	W 0°5	NW 1	SE 0°5	SE 0°5	10	1	3	"010	—
6	"267"	"283"	"367"	29°8"	38°0"	28°5"	30°0"	41°5"	"142"	"199"	"133"	90	89	91	NE 0°5	NNW 1	SE 0°5	SE 0°5	2	1	1	—	—
7	"395"	"376"	"405"	29°1"	40°0"	27°0"	25°8"	39°9"	"133"	"183"	"129"	98	78	95	NE 0°5	NNW 1	Calm 0	Calm 0	1	0	0	"011	—
8	"415"	"384"	"442"	24°0"	38°9"	28°6"	23°2"	41°9"	"118"	"183"	"132"	95	81	89	Calm 0	NNE 1	ENE 0°5	ENE 0°5	1	6	2	—	—
9	"467"	"439"	"458"	28°9"	38°3"	34°9"	23°4"	41°3"	"147"	"199"	"193"	100	88	96	Calm 0	NNW 1	NNW 0°5	NNW 0°5	9	9	3	"012	—
10	"527"	"604"	"701"	35°9"	41°5"	30°9"	23°1"	39°9"	"208"	"200"	"139"	99	80	84	Calm 0	NNW 2	N 1	N 1	8	7	1	—	—
11	"712"	"556"	"403"	32°7"	39°2"	40°5"	29°6"	44°8"	"140"	"187"	"236"	82	82	94	NE 1-2	NNW 1-2	NNW 1	NNW 1	10	9	9	"004	—
12	"428"	"445"	"487"	34°9"	43°9"	33°6"	32°0"	42°2"	"184"	"194"	"183"	92	72	96	NE 0°5	N 1-2	Calm 0	Calm 0	0	2	10	"009	—
13	"436"	"359"	"390"	38°0"	44°9"	40°3"	33°3"	46°4"	"224"	"221"	"238"	98	77	96	W 1	NNW 1	NNW 0°5	NNW 0°5	9	10	10	"018	—
14	"416"	"473"	"479"	39°9"	43°9"	40°9"	37°4"	45°7"	"241"	"238"	"232"	98	84	92	NW 0°5	NW 0°5	NW 0°5	NW 0°5	10	10	10	—	—
15	"516"	"523"	"559"	39°9"	41°8"	40°1"	38°5"	45°1"	"186"	"200"	"206"	78	81	86	E 0°5	SSW 0°5	Calm 0	Calm 0	10	10	10	—	—
16	"574"	"536"	"578"	37°9"	44°3"	41°1"	36°6"	42°6"	"183"	"194"	"187"	83	71	77	SE 0°5	SSE 1	SSW 0°5	SSW 0°5	10	10	10	—	—
17	"605"	"624"	"692"	41°1"	43°7"	40°3"	37°1"	45°7"	"204"	"200"	"204"	82	74	84	SE 0°5	SW 0°5	SE 0°5	SE 0°5	10	10	10	—	—
18	"692"	"674"	"681"	40°0"	40°9"	39°9"	39°1"	45°0"	"197"	"202"	"221"	82	82	91	SE 0°5	SE 0°5	SE 0°5	SE 0°5	10	10	10	—	—
19	"695"	"660"	"681"	39°8"	40°5"	34°9"	38°6"	42°2"	"222"	"207"	"184"	92	73	92	SSE 0°5	Calm 0	SE 0°5	SE 0°5	10	9	9	—	—
20	"634"	"534"	"479"	35°1"	48°2"	30°9"	33°3"	46°7"	"199"	"222"	"150"	98	70	93	Calm 0	ESE 0°5	Calm 0	Calm 0	8	6	0	—	—
21	30°3'57"	30°1'78"	30°0'71"	35°3"	41°1"	37°9"	29°1"	52°4"	"198"	"193"	"305"	97	79	91	SW 0°5	W 0°5	WSW 1	WSW 1	10	3	3	"051	—
22	29°8'06"	29°9'57"	29°9'32"	37°9"	40°5"	34°7"	34°6"	41°9"	"220"	"184"	"160"	97	77	81	W 0°5	NW 0°5	E 0°5	E 0°5	10	9	10	"024	—
23	"759"	"894"	"923"	33°4"	32°0"	28°7"	32°6"	44°8"	"181"	"116"	"130"	96	70	87	SW 1	NNW 2	E 0°5	E 0°5	4	3	10	"010	—
24	"820"	"751"	"29°5'28"	28°9"	33°9"	30°5"	27°6"	43°0"	"125"	"151"	"149"	86	81	94	NE 0°5	E 2	E 3	E 3	10	10	10	"086	—
25	29°2'97"	"014"	29°5'18"	37°9"	46°7"	42°8"	28°3"	38°7"	"218"	"275"	"253"	96	88	93	SE 1-2	S 2	SW 1	SW 1	5	10	7	"07	—
26	28°8'04"	"044"	29°7'31"	41°9"	44°9"	37°1"	37°1"	49°1"	"260"	"236"	"194"	98	81	89	W 0°5	NNW 2-3	W 1-2	W 1-2	10	10	5	—	—
27	29°6'15"	"609"	30°3'43"	34°3"	31°9"	29°9"	32°0"	47°3"	"184"	"174"	"139"	94	72	87	NW 0°5	Calm 0	NNW 0°5	NNW 0°5	7	8	1	—	—
28	20°7'95"	29°6'71"	29°2'61"	24°8"	41°0"	37°6"	23°8"	44°2"	"121"	"179"	"209"	100	74	94	NW 0°5	E 3	SE 4-5	SE 4-5	10	10	10	"215	—
Mean	30°1'84"	30°1'67"	30°1'63"	33°7"	40°3"	34°0"	30°3"	42°8"	"177"	"194"	"174"	93	80	90	0°7	1°2	0°9	7°3	7°3	6°2	"909	8a-4p	

Reading at 8 a.m. below minimum.

NOTES.—Min. and max. temps. read at 8 a.m. Tension of Vapour obtained from Kämtz's tables. Dorpat, 1868.  
† Faint mock suns, same alt. as sun. Semicircular arch passing over the sun and through the mock suns.

QUARTERLY WEATHER REPORT.

## MARCH.

Date.	Barometer. Reduced to 32° and Sea Level.			Air Temperature.					Tension of Vapour.			Relative Humidity.			Wind. Direction and Force. Beaufort's Scale.			Amount of Cloud. 0-10.			Rain.  Measured at 8 a.m.	Remarks.		
	8 a.m.	4 p.m.	Midl.	8 a.m.	4 p.m.	Midl.	Min.	Max.	8 a.m.	4 p.m.	Midl.	8 a.m.	4 p.m.	Midl.	8 a.m.	4 p.m.	Midl.	8 a.m.	4 p.m.	Midl.				
1	ins.	ins.	ins.	29° 47' 44"	44° 0' 38"	24° 4' 45"			ins.	ins.	ins.	90° 99° 90°	SE	0° 5'	NW	1	WSW	3	10	10	4	ins.	554	
2	28° 940	29° 006	29° 472	44° 1' 44° 0' 38"	24° 4' 45"				281	280	165	99° 99° 90°	SE	0° 5'	NW	1	WSW	3	10	10	4	ins.	554	
3	29° 721	29° 802	29° 674	37° 9' 43° 9' 34° 1'	48° 4'				198	246	272	89 82 95	SW	0° 5'	SE	1	ESE	2	5	10	10	104		
4	29° 755	29° 740	29° 875	47° 0' 52° 8' 43° 7'	48° 4'				360	360	333	100 94 98	SW	1-2	SW	1	WSW	1	10	10	10	066		
5	30° 105	30° 088	30° 030	42° 5' 42° 5' 37° 1'	37° 1'				296	289	272	93 74 96	E	1-2	WSW	1-2	NW	1	9	6	10	012		Reading at 8 a.m., below minimum.
6	29° 844	29° 645	29° 467	43° 1' 43° 9' 39° 9'	36° 5' 51° 3'				266	252	214	98 77 97	SE	1-2	WNW	-	SE	0° 5'	10	9	5	—		
7	29° 399	29° 444	29° 510	35° 7' 41° 9' 37° 3'	34° 9'				206	219	211	99 85 95	SE	0° 5'	WNW	1	WSW	0° 5'	3	6	8	110		
8	29° 511	29° 387	29° 465	36° 3' 45° 3' 37° 1'	32° 5'				202	252	207	96 88 95	SE	0° 5'	SW	2	E	0° 5'	3	10	3	193		
9	29° 450	29° 264	29° 360	38° 0' 41° 0' 33° 6'	33° 4'				202	188	181	89 77 95	SE	0° 5'	SW	2-3	SW	0° 5'	3	8	9	482		
10	29° 352	29° 326	29° 299	33° 1' 39° 0' 38° 9'	31° 8'				183	193	211	88 84 91	W	0° 5'	WSW	1	SW	1	7	9	1	152		
11	29° 311	29° 361	29° 515	40° 0' 41° 1' 31° 9'	32° 5'				208	209	160	86 83 96	SW	2-3	NNW	2-3	NE	0° 5'	5	9	0	026		
12	29° 565	29° 570	29° 573	34° 3' 42° 3' 20° 1'	28° 6'				188	158	135	96 66 90	NW	0° 5'	N	2	NE	0° 5'	5	5	0	040		
13	29° 535	29° 602	29° 742	33° 6' 42° 1' 20° 5'	28° 1'				188	167	143	98 70 92	NNW	0° 5'	NW	2	Calmo	0	10	7	1	007		
14	29° 836	29° 873	29° 983	28° 5' 42° 2' 32° 9'	25° 0'				142	151	172	96 65 92	Calmo	0	NE	1-2	NE	0° 5'	1	2	3	—		
15	29° 997	29° 942	29° 915	33° 1' 42° 0' 37° 2'	28° 1'				169	170	156	90 71 78	NNE	1	NE	3-4	ESE	2-3	1	5	2	—		
16	29° 850	29° 830	29° 885	34° 9' 40° 0' 36° 4'	32° 5'				176	192	205	88 81 96	E	2-3	SE	1-2	N	0° 5'	10	10	10	005		
17	29° 033	29° 085	30° 089	35° 9' 39° 3' 38° 4'	33° 6'				192	206	218	93 88 95	SE	0° 5'	NE	1	N	0° 5'	10	10	10	—		
18	30° 135	30° 150	30° 171	38° 7' 42° 9' 35° 4'	41° 4'				212	203	195	92 77 95	NE	0° 5'	NNE	1	E	0° 5'	10	9	—	042		
19	29° 083	29° 165	29° 251	40° 7' 46° 9' 33° 0'	41° 9'				228	213	162	91 73 94	NE	0° 5'	ENE	2	N	0° 5'	1	9	6	—		
20	29° 292	29° 207	30° 247	30° 7' 40° 4' 34° 9'	28° 0'				154	161	170	97 70 85	Calmo	0	NE	1	NNE	0° 5'	10	10	10	—		
21	30° 271	30° 087	29° 057	36° 9' 42° 0' 36° 5'	30° 1'				175	162	187	83 68 80	ENE	0° 5'	NNE	0° 5'	NE	1-2	10	9	10	006		
22	29° 033	29° 055	30° 010	38° 1' 44° 0' 35° 2'	33° 6'				159	156	181	74 61 80	ENE	1-2	E	1	NE	0° 5'	1	5	8	007		
23	30° 008	29° 076	29° 066	38° 9' 42° 4' 40° 3'	32° 6'				207	210	224	90 81 91	SE	0° 5'	E	0° 5'	N	0° 5'	9	10	10	—		
24	29° 106	30° 080	29° 111	39° 7' 49° 5' 37° 3'	45° 2'				219	240	207	91 71 92	Calmo	0	NE	0° 5'	NE	0° 5'	1	8	7	—		
25	29° 106	29° 012	29° 096	33° 9' 57° 9' 46° 8'	28° 7'				192	318	292	99 68 92	Calmo	0	SSE	2	SW	0° 5'	10	1	10	—		
26	30° 093	30° 031	30° 011	46° 9' 57° 0' 46° 3'	31° 6'				293	314	273	92 70 88	SSE	1	SSE	1	SE	1-2	10	8	5	—		
27	29° 072	29° 874	29° 837	47° 0' 52° 0' 46° 8'	30° 6'				301	306	279	94 80 89	SE	1	SE	2-3	SE	1-2	10	9	10	015		
28	29° 832	29° 860	29° 912	47° 4' 48° 8' 46° 0'	30° 1'				314	321	306	97 94 99	SW	0° 5'	NW	0° 5'	Calmo	0	10	10	10	135		
29	29° 942	29° 927	29° 924	46° 8' 52° 8' 47° 8'	44° 9'				306	308	298	97 78 91	SE	0° 5'	SE	1	SE	0° 5'	10	8	10	020		
30	29° 821	29° 621	29° 673	48° 5' 48° 8' 48° 4'	45° 8'				306	313	241	91 92 93	SSE	0° 5'	SW	0° 5'	SE	0° 5'	10	10	2	050		
31	29° 571	29° 555	29° 780	44° 8' 45° 4' 42° 5'	40° 6'				272	276	250	93 93 94	SSW	0° 5'	NW	2	WNW	2-4	10	10	10	1035		
Mean	29° 800	29° 776	29° 825	39° 6' 45° 6' 38° 7'	33° 6' 48° 5'				227	236	218	93 79 92		0° 8'		1° 4'		0° 9'	7° 2'	8° 1'	6° 9'	4° 208		

APRIL.

1	30°020	30°162	30°245	42°9	48°8	33°4	41°2	51°4	240	176	181	88	58	96	NW	1-3	NW	1	SW	0°5	10	3	0	°016	9 to 10 p.m.	☼ <sup>2</sup>
2	°197	°118	°149	41°4	49°8	47°4	31°6	50°6	201	301	316	80	86	97	SE	0°5	SSW	2	SW	0°5	5	10	10	°022		
3	°226	°283	°234	47°6	51°6	46°2	40°6	51°6	258	305	304	86	60	95	NNW	1-2	SW	2	SE	0°5	10	3	10	°059		
4	°144	°30°105	°30°038	51°4	50°9	49°3	45°5	53°8	352	342	338	93	92	97	SSW	2-3	SW	2	SW	4	10	10	10	°015		
5	30°004	29°948	29°930	47°0	49°8	41°9	45°3	54°8	266	224	217	85	67	84	WNW	1-2	W	1	WNW	1-2	9	10	7	°010	☼ <sup>2</sup>	
6	29°910	29°807	30°026	43°8	47°0	35°8	38°7	53°4	233	228	189	83	74	92	NW	1-2	WNW	1-2	NW	1	5	5	1	—		
7	30°122	30°135	°248	41°7	47°0	36°9	31°8	51°2	206	200	177	81	67	84	NE	1	NW	2	ENE	0°5	0	7	0	—		
8	°230	°347	°451	37°9	50°8	35°3	29°6	51°1	196	197	188	88	59	92	SE	0°5	N	1	NE	0°5	0	5	4	—	☼ <sup>3</sup>	
9	°494	°453	°466	36°5	53°0	43°8	28°8	51°9	215	249	247	100	66	87	NNE	0°5	N	1-2	NE	0°5	10	10	4	—	☼ <sup>3</sup>	
10	°447	°392	°379	44°3	50°4	32°1	35°7	53°8	238	199	171	83	61	96	ENE	1	ENE	1	Caln	0	8	2	0	—	☼ <sup>3</sup>	
11	°207	°185	°30°189	35°7	55°3	40°7	28°7	52°3	206	260	237	99	63	94	NE	0°5	NW	0°5	NW	1	9	9	10	—	☼ <sup>3</sup>	
12	30°140	29°934	37°9	52°3	44°3	34°8	57°4	225	274	259	99	72	90	W	0°5	Caln	0	SW	1	10	10	10	—	☼ <sup>3</sup>		
13	29°809	29°701	°669	47°8	46°9	37°0	54°0	°278	310	203	85	88	92	SE	1	SW	1-2	SE	3-4	10	10	10	—	☼ <sup>3</sup>		
14	°643	°625	°603	48°2	54°9	50°8	45°8	51°3	300	333	350	90	78	94	ESE	2-3	SE	3-4	SE	0°5	10	5	10	—	☼ <sup>3</sup>	
15	°639	°619	°620	51°6	64°2	52°6	47°6	56°5	357	389	376	94	65	96	SE	0°5	SE	1	SE	0°5	5	7	7	—	☼ <sup>3</sup>	
16	°591	°572	°579	51°8	55°6	49°9	43°9	64°7	360	324	359	94	75	100	S	0°5	NNW	1	W	0°5	1	10	10	—	☼ <sup>3</sup>	
17	°576	°579	29°689	46°6	50°4	45°0	40°7	62°3	302	352	326	96	97	98	NW	1	ENE	2	E	0°5	10	10	10	—	☼ <sup>3</sup>	
18	29°821	29°912	30°060	47°4	61°3	44°1	45°7	50°9	314	360	381	97	68	98	SE	0°5	NW	0°5	NE	0°5	10	3	0	—	☼ <sup>3</sup>	
19	30°166	30°156	°174	49°6	65°2	50°8	39°2	61°8	263	285	360	76	50	97	NE	0°5	NW	0°5	NE	0°5	0	3	10	—	☼ <sup>3</sup>	
20	°218	°229	°339	47°2	59°8	45°9	46°4	65°8	309	—	233	96	—	78	E	0°5	ENE	1	E	0°5	10	1	0	—	☼ <sup>3</sup>	
21	°354	°222	°213	47°6	63°7	41°9	36°7	61°9	316	249	253	97	48	96	E	0°5	NW	1	E	0°5	10	1	0	—	☼ <sup>3</sup>	
22	°158	°044	°083	43°2	51°9	42°9	41°6	64°6	265	286	252	95	76	92	NE	1	NW	1	NW	1	10	10	10	—	☼ <sup>3</sup>	
23	°144	°125	°168	43°9	47°3	32°5	38°4	54°2	264	135	149	93	52	87	W	0°5	N	2	SE	0°5	2	8	0	—	☼ <sup>3</sup>	
24	°143	°107	°196	37°7	40°9	34°4	28°0	46°4	183	218	189	85	87	94	Caln	0	E	0°5	N	0°5	8	10	0	—	☼ <sup>3</sup>	
25	°293	°316	°422	38°9	47°0	30°9	28°7	47°5	179	161	142	80	58	87	E	0°5	NE	1	SE	0°5	0	7	0	—	☼ <sup>3</sup>	
26	°436	°387	°372	38°7	48°5	41°9	27°5	48°2	192	196	228	85	63	88	SW	0°5	NNW	1-2	N	1	1	10	8	—	☼ <sup>3</sup>	
27	°393	°296	°406	47°6	52°8	45°3	37°7	50°8	258	373	260	81	95	87	WNW	1-2	NW	2-3	W	1	10	7	10	—	☼ <sup>3</sup>	
28	°381	°311	°297	47°6	51°5	47°8	42°8	54°9	236	243	293	75	68	90	NW	1	NNW	2-4	W	1-2	10	9	7	—	☼ <sup>3</sup>	
29	°325	°335	°373	50°3	51°8	48°7	43°4	53°0	301	306	281	84	81	83	ENE	1-2	WNW	3	ENE	1-2	10	10	10	—	☼ <sup>3</sup>	
30	30°337	30°303	30°304	50°8	53°4	50°4	47°8	56°2	344	343	349	93	84	96	E	1-2	WNW	2-3	W	1	10	10	10	—	☼ <sup>3</sup>	
Mean	30°119	30°095	30°130	44°8	52°6	43°1	38°5	54°6	263	266	260	89	71	92	1°0		1°5		0°9	6°8	7°2	5°9	1°793			

NOTES.—Min. and max. temps. read at 8 a.m. Tension of Vapour obtained from Kämtz's tables. Dorpat, 1868.

MAY.

Date.	Barometer. Reduced to 32° and Sea Level.			Air temperature.					Tension of Vapour.			Relative Humidity.			Wind. Direction and Force. Beaufort Scale.			Amount of Cloud. 0-10.			Rain. Measured at 8 a.m.	Remarks.
	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	Min.	Max.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.		
1	ins.	ins.	ins.	51.8	54.0	46.8	47.3	61.4	ins.	ins.	ins.	90	90	90	WNW 1	WSW 1	ESE 0.5	7	6	10	ins.	
2	30.161	29.965	29.901	51.8	54.0	47.0	44.6	58.7	203	238	289	78	61	91	WNW 1-2	W 4	W 3	7	8	9	0.003	
3	29.893	29.908	29.929	48.0	52.3	39.9	44.5	57.2	241	218	210	75	61	87	WNW 1-4	W 4	E 0.5	7	5	6	0.029	
4	28.27	26.66	24.50	43.9	47.6	44.4	32.6	55.6	234	288	255	83	89	88	Calm	NW 0.5	W 0.5	9	10	10	0.305	
5	24.17	24.50	24.87	41.9	49.8	38.4	39.7	49.9	212	177	198	83	57	87	NW 0.5	NW 3	WNW 1	10	5	3	—	1
6	24.62	25.00	25.44	46.9	43.9	43.4	35.0	53.1	222	255	262	73	90	94	WNW 3-4	NW 1-2	NW 0.5	9	10	10	0.442	
7	24.53	25.50	25.14	44.8	51.4	43.4	40.9	50.0	208	276	269	91	75	96	SE 0.5	WNW 2-3	NW 1-2	10	7	9	0.216	
8	29.056	29.773	29.892	50.9	54.6	47.4	42.4	54.3	205	273	298	81	67	92	SW 0.5	NW 2	WNW 1-2	8	9	10	0.017	
9	30.003	30.048	30.086	50.3	56.8	44.5	44.0	57.1	275	189	254	78	49	88	W 1	WNW 0.5	SE 0.5	8	1	10	0.005	
10	29.57	29.046	29.044	50.1	56.6	53.8	42.8	58.7	331	248	212	94	99	99	SE 0.5	WSW 1-2	W 0.5	10	10	10	0.213	
11	29.125	29.184	29.260	54.2	57.6	43.9	49.6	58.0	360	327	272	86	71	95	SE 0.5	W 0.5	E 0.5	8	5	0	—	
12	29.261	29.196	29.202	48.8	63.8	49.3	41.6	61.2	308	272	324	90	51	93	E 0.5	SE 0.5	E 0.5	10	8	9	—	0.2
13	29.211	29.170	29.209	53.3	62.5	42.9	45.2	65.0	250	246	215	65	49	82	W 0.5	E 1	Calm	0	5	6	—	8a midt.
14	29.185	29.113	29.085	53.9	62.7	48.4	36.3	64.5	209	230	252	73	60	77	SE 1	SE 0.5	SE 0.5	0	4	9	—	8a midnight.
15	29.051	29.987	29.981	54.8	62.4	52.3	43.1	65.8	250	316	307	62	58	79	E 0.5	SSW 1	S 0.5	1	5	10	—	8a midnight.
16	29.915	29.783	29.713	53.0	61.1	46.9	47.9	65.3	292	247	280	74	51	89	W 1	E 1	SE 1-2	10	5	6	—	
17	29.626	29.657	29.774	49.8	47.9	43.9	45.0	65.2	286	284	274	82	87	96	ESE 1	NE 1	NNW 1	10	10	10	0.368	
18	29.835	29.901	29.955	47.3	48.6	36.9	41.4	53.4	230	214	186	90	67	87	NNE 1-2	W 1	NW 0.5	10	8	0	—	
19	30.123	30.170	30.238	44.9	54.1	39.1	30.6	50.0	170	173	161	64	50	90	NNE 0.5	NW 0.5	SE 0.5	1	4	1	—	
20	30.170	30.017	29.968	48.0	50.9	52.8	30.8	55.1	248	345	373	77	93	94	SE 1-2	S 3-4	W 0.5	10	10	10	0.129	
21	29.992	29.980	29.915	54.6	59.3	48.8	47.8	56.8	334	278	292	79	58	86	SW 0.5	SW 1	SE 0.5	8	6	10	0.016	
22	29.898	29.961	29.736	53.5	58.5	51.0	46.4	61.0	312	255	349	77	57	94	WSW 3-4	WSW 2	S 1	5	5	10	0.066	
23	29.721	29.881	30.125	54.8	55.3	39.4	49.8	59.8	343	286	214	80	68	90	WSW 3-6	NW 2	NW 0.5	7	9	2	0.029	
24	30.185	30.235	30.287	52.1	56.0	41.1	37.6	61.5	260	262	238	70	62	94	NE 1	NE 1-2	Calm	0	6	8	—	
25	30.232	30.099	29.956	53.0	53.8	36.1	38.4	58.4	292	267	327	74	67	90	SSE 0.5	E 1	SE 0.5	10	9	10	—	
26	29.887	29.768	29.712	53.7	55.9	50.3	46.8	56.7	306	277	327	75	65	90	E 1	WSW 3-4	SW 2-5	6	9	9	0.190	
27	29.775	29.974	30.170	53.8	61.7	47.2	48.6	61.4	365	366	314	88	69	97	WSW 2-3	NW 0.5	SE 0.5	10	9	1	—	
28	30.298	30.331	30.390	49.9	66.1	49.4	42.5	62.9	349	364	333	97	59	95	Calm	0	W 0.5	0	6	2	—	8a-4p
29	29.407	29.345	29.338	57.7	69.7	52.4	44.8	67.2	386	370	365	82	53	93	Calm	0	SW 0.5	0	4	6	—	
30	29.317	29.365	29.427	55.0	68.3	49.0	45.5	71.2	349	430	324	82	62	94	SE 0.5	W 0.5	SW 0.5	4	8	3	—	
31	30.237	30.242	30.253	55.8	55.8	48.2	46.5	71.4	380	388	329	87	68	98	SW 0.5	NW 0.5	NW 0.5	10	10	10	0.061	
Mean	29.989	29.964	29.982	50.9	56.6	46.2	42.5	59.6	290	288	284	79	66	91	1.1	1.5	0.8	7.5	7.1	6.6	2.098	

JUNE.

1	30° 221	30° 159	30° 230	55° 7	67° 9	55° 4	47° 0	60° 8	362	309	361	83	49	83	SE 0° 5	W 0° 5	ESE 0° 5	3	8	9	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>8a-4p</div><div>Reading at Midt., 6th, lower than min.</div><div>1</div></div>	
2	29° 216	30° 171	30° 093	55° 2	64° 9	53° 2	45° 5	69° 3	310	255	369	73	47	91	SE 0° 5	SE 1	NE 0° 5	0	1	2	0° 022		<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>
3	30° 004	29° 891	29° 848	65° 8	65° 5	54° 6	43° 8	66° 5	395	303	344	86	52	81	ENE 1	SE 1	NE 1	5	1	0	0° 031		<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>
4	29° 850	29° 841	29° 909	63° 9	62° 8	47° 8	51° 6	66° 7	384	325	316	92	59	96	SE 0° 5	Calm	N 0° 5	9	5	1	0° 240	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
5	29° 957	29° 985	—	53° 1	64° 7	—	46° 6	64° 3	384	439	—	95	72	—	NE 0° 5	Calm	0	5	8	—	0° 041	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
6	30° 216	30° 264	30° 392	54° 0	64° 7	46° 9	49° 6	68° 5	335	317	293	81	55	92	NW 1-2	NE 1	SW 0° 5	10	2	1	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
7	29° 413	29° 374	29° 392	54° 7	64° 9	54° 3	49° 6	66° 3	323	364	375	76	61	89	W 0° 5	NW 1	WNW 1-2	1	3	10	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
8	30° 283	30° 284	30° 290	54° 2	61° 8	50° 8	52° 6	67° 3	332	376	348	79	70	94	NE 0° 5	ENE 0° 5	SW 1	10	9	10	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
9	30° 108	29° 923	29° 657	53° 5	59° 8	53° 8	48° 5	63° 7	345	360	368	84	71	89	W 1-2	NW 0° 5	SW 1-2	10	10	10	0° 097	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
10	29° 587	29° 578	29° 581	54° 2	57° 4	50° 5	50° 3	61° 9	318	279	273	77	62	88	WSW 1-2	WSW 1-2	SW 0° 5	6	7	0	0° 002	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
11	29° 567	29° 494	29° 505	53° 0	54° 8	50° 1	43° 0	60° 8	297	360	348	75	84	97	SW 0° 5	SW 0° 5	N 0° 5	7	10	9	0° 270	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
12	29° 576	29° 615	29° 720	50° 7	57° 4	49° 1	48° 5	60° 9	345	350	327	94	75	94	W 0° 5	SW 0° 5	NE 0° 5	10	9	8	0° 048	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
13	29° 730	29° 699	29° 726	52° 6	58° 5	51° 0	44° 2	61° 2	300	324	341	77	69	92	SW 0° 5	W 1	SE 0° 5	9	9	10	0° 049	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
14	29° 766	29° 797	29° 853	51° 8	59° 1	48° 2	49° 5	61° 1	365	307	303	95	64	91	W 0° 5	NW 0° 5	SE 0° 5	10	8	3	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
15	29° 864	29° 866	29° 925	52° 9	58° 7	50° 9	42° 0	61° 6	339	316	373	86	67	100	W 0° 5	E 0° 5	SW 0° 5	7	6	5	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
16	29° 944	29° 924	29° 947	56° 0	62° 9	50° 6	40° 8	62° 1	336	413	355	76	73	97	SE 0° 5	SW 1-2	E 1-2	1	9	6	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
17	29° 927	29° 876	29° 869	60° 5	64° 4	54° 8	40° 9	66° 4	417	380	426	80	65	99	SW 1-2	SSE 1-2	SW 1	9	10	7	0° 068	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
18	29° 928	29° 916	29° 793	59° 7	64° 9	54° 0	49° 5	67° 5	428	407	414	84	67	99	SSW 1-2	SE 1-3	ESE 1.4	4	10	10	0° 121	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
19	29° 729	29° 720	29° 991	61° 5	61° 1	54° 1	56° 8	68° 8	464	438	342	85	82	82	SE 1-2	WSW 1-3	W 1	10	10	8	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
20	30° 093	30° 050	30° 160	59° 0	69° 7	58° 0	48° 7	64° 1	409	542	472	83	74	98	ESE 1	W 1	WSW 1	6	10	7	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
21	30° 194	30° 126	30° 086	60° 5	73° 1	62° 5	56° 8	72° 6	437	522	515	83	64	91	SW 0° 5	W 1	E 0° 5	9	5	10	0° 102	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
22	29° 948	29° 995	30° 068	57° 9	62° 7	51° 7	57° 4	74° 6	447	301	356	93	56	93	SW 1-2	WSW 1-4	W 0° 5	9	4	0	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
23	30° 079	30° 047	29° 996	56° 5	60° 1	57° 4	45° 8	64° 5	362	373	456	80	73	97	W 1	WSW 0° 5	SW 1-2	10	10	10	0° 245	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
24	29° 904	29° 890	29° 918	57° 9	59° 1	53° 5	53° 8	61° 2	468	388	345	97	78	84	W 1-2	W 1-3	WSW 1-4	10	10	10	0° 051	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
25	30° 036	30° 232	30° 290	55° 1	64° 7	52° 6	52° 5	63° 5	376	394	347	87	52	88	SW 1-3	WNW 1-2	W 1	9	7	8	0° 036	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
26	29° 172	29° 145	29° 169	57° 7	61° 0	58° 6	51° 6	64° 2	443	439	436	93	82	88	W 1-3	WNW 1-2	SW 1-3	10	9	10	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
27	30° 082	30° 007	29° 916	59° 7	62° 1	57° 6	57° 0	63° 5	490	414	448	96	75	94	WSW 1-2	SW 1-4	WSW 1-3	10	10	10	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
28	29° 929	29° 929	30° 028	56° 6	63° 1	49° 2	53° 9	65° 1	401	398	336	88	70	97	NW 1-2	W 0° 5	Calm	0	10	8	0° 003	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
29	29° 955	29° 876	29° 929	52° 9	62° 3	49° 3	43° 3	64° 4	359	373	347	99	68	97	Calm	0	Calm	0	10	10	0	0° 003	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>
30	29° 993	29° 999	30° 034	56° 0	63° 5	55° 5	46° 6	63° 4	409	319	396	88	57	90	SW 0° 5	WSW 1	SW 0° 5	10	4	10	—	<div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>1</div></div>	
Mean	29° 978	29° 959	29° 977	55° 8	62° 6	53° 8	48° 7	64° 9	379	366	370	85	66	92	1° 0	1° 0	0° 9	7.6	7.4	6° 5	1° 428		

## SEPTEMBER.

Date.	Barometer. Reduced to 32° and Sea Level.			Air Temperature.					Tension of Vapour.			Relative Humidity.			Wind. Direction and Force. Beaufort Scale.			Amount of Cloud. 0-10.			Rain. Measured at 8 a.m.	Remarks.	
	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	Min.	Max.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.	8 a.m.	4 p.m.	Midt.			
1	ins.	ins.	ins.	55.8	55.8	51.8	53.2	67.8	ins.	ins.	ins.	90	90	90	W 1-2	NW 1-3	WSW 1-2	8	10	9	ins.		
2	29.655	29.699	29.852	55.8	55.8	51.2	57.2	48.5	.395	.361	.341	89	82	89	W 1-2	NW 1-2	W 0.5	9	7	10	.075		
3	29.945	30.019	30.121	51.2	57.2	48.6	48.5	61.9	.310	.300	.300	86	66	89	W 1-2	NW 1-2	W 0.5	9	7	10	.001		
4	30.160	.188	.248	50.8	55.0	48.7	47.4	60.2	.344	.263	.286	93	65	85	WNW 0.5	NW 1-2	NW 0.5	9	9	7	.007		
5	.274	.262	.278	50.3	55.5	47.5	46.4	58.7	.337	.319	.287	93	74	89	W 0.5	NW 0.5	NW 0.5	10	9	3	—	1.3	
6	.291	.261	.290	50.7	55.9	49.2	46.4	56.8	.315	.277	.281	86	65	82	WNW 0.5	NW 2	NW 0.5	9	9	9	—		
7	30.151	30.019	29.874	49.0	52.0	47.5	46.0	57.7	.311	.314	.320	91	82	98	NNW 1	NW 0.5	E 0.5	10	10	10	.098		
8	29.743	29.750	.826	48.8	51.0	46.4	45.7	55.7	.321	.317	.354	94	67	95	ENE 0.5	N 0.5	NNW 0.5	10	5	10	.005		
9	.863	.849	.781	48.2	56.9	51.8	45.8	59.5	.337	.368	.360	100	80	94	Calm	0	SE 0.5	10	10	10	.188		
10	.532	.518	.589	54.8	59.1	52.4	48.7	59.8	.423	.382	.341	98	75	87	WSW 1	W 2-4	SW 1-4	10	9	9	.074		
11	.663	.680	.669	54.9	56.7	48.8	50.9	60.7	.367	.335	.328	86	73	96	NNW 1-2	W 3-4	SW 0.5	5	9	7	.057		
12	.732	.696	.760	50.5	56.8	51.2	43.7	60.1	.324	.371	.341	89	81	91	WSW 1	W 3	SW 1-2	1	5	8	.021		
13	.802	.840	.859	50.4	59.7	50.2	47.6	60.2	.320	.368	.333	88	63	92	SW 0.5	SW 0.5	Calm	0	7	10	—	2	
14	.823	.741	.646	48.5	50.4	47.4	44.4	62.2	.319	.300	.291	94	83	90	Calm	0	NE 0.5	10	10	10	.589		
15	.473	.401	.246	50.0	55.0	45.4	46.2	56.5	.347	.305	.290	97	73	97	SW 0.5	WSW 2	NW 0.5	10	9	10	.544		
16	.403	.647	.775	48.2	58.7	47.0	44.5	56.0	.324	.302	.281	97	64	89	—	1	—	0.5	9	6	7	.006	
17	.788	.770	.732	49.8	57.2	54.8	44.4	60.3	.344	.429	.409	97	91	95	—	0.5	Calm	0	10	10	10	.022	
18	.597	.705	.297	58.7	59.3	48.9	49.4	59.2	.456	.355	.293	94	72	86	W 1-2	WSW 4	WSW 1-2	10	3	6	.056		
19	.866	.940	.305	49.8	54.8	48.4	46.0	61.2	.304	.266	.300	86	65	90	SW 0.5	WSW 2-3	W 0.5	4	4	5	.003		
20	.037	.867	.871	49.6	57.7	60.7	46.9	58.5	.328	.436	.479	93	92	90	SW 0.5	SE 0.5	SE 1-3	10	10	10	.158		
21	.866	.300	.389	59.5	55.1	50.4	46.9	62.7	.495	.413	.341	98	80	94	WSW 1	WSW 1	Calm	0	10	9	.016		
22	.382	.467	.559	43.9	57.2	37.5	41.9	60.7	.279	.393	.215	98	84	96	Calm	0	NE 0.5	6	2	0	.002		
23	.588	.518	.305	56.1	60.3	44.5	32.4	58.3	.311	.278	.296	100	57	95	ENE 0.5	E 0.5	SE 0.5	3	1	1	—	3	
24	.464	.393	.379	40.4	61.9	50.6	35.6	60.5	.243	.338	.333	98	63	91	Calm	0	SW 0.5	2	7	6	—	8 a.m. midnight.	
25	.347	.224	.177	42.6	65.1	48.8	39.5	63.2	.267	.341	.305	98	57	90	Calm	0	SE 1	Calm	0	4	0	—	
26	.157	.301	.301	50.8	52.6	60.1	56.8	41.7	.66.3	.368	.413	.446	94	80	96	ESE 1	SE 1	SE 0.5	0	8	10	—	
27	.055	.282	.287	57.0	62.4	56.3	51.8	62.7	.423	.390	.400	91	70	88	ESE 1	SE 2-4	SE 2	10	8	1	—		
28	.752	.727	.297	59.9	59.5	64.1	48.8	55.0	.63.3	.461	.466	.321	91	78	94	ESE 1-3	SSW 1	SW 0.5	8	9	10	.070	
29	.094	.301	.301	59.9	53.5	36.5	38.2	68.5	.216	.257	.208	90	66	97	SE 0.5	SW 0.5	SE 0.5	0	4	0	—	Afternoon readings taken at 5.30 p.m.	
30	.265	.301	.301	59.9	53.5	36.5	38.2	68.5	.216	.257	.208	90	66	97	SE 0.5	SW 0.5	SE 0.5	0	4	0	—	2.3	
31	.897	.779	.736	55.8	58.7	57.9	33.0	57.5	.377	.466	.468	77	95	97	SW 0.5	SSE 3	SE 1.2	10	10	10	1.677		
Mean	29.956	29.943	29.965	49.7	57.6	49.5	44.7	60.5	.339	.343	.326	93	74	91	0.7	1.5	0.8	6.8	7.3	7.0	4.061		

## OCTOBER.

1	29.762	29.813	29.863	59.7	66.0	60.4	52.2	60.8	.502	.442	.503	98	85	96	SE 0.5	S 0.5	SE 1	10	10	10	.281	☼ 1	
2	.854	.820	.778	59.8	62.6	58.7	58.4	67.8	.508	.540	.478	99	95	97	SSW 0.5	SE 0.5	SE 0.5	10	10	10	.873	☼ 1	
3	.661	.736	.991	59.3	58.5	55.8	50.4	64.5	.495	.475	.418	98	97	95	ESE 0.5	WNW 3-5	NW 1	10	10	10	.231	☼ 2 1	
4	.137	.120	.120	46.7	56.7	39.9	46.0	62.5	.267	.266	.238	86	62	98	NE 0.5	WNW 0.5	SE 0.5	0	0	2	.003	☼ 3	
5	.061	.106	.301	46.0	54.2	47.0	38.9	57.5	.297	.346	.301	97	82	94	SE 0.5	NW 0.5	Calm	0	10	10	.011	☼ 2 1	
6	.830	.576	.297	52.0	54.4	42.6	45.4	55.2	.371	.383	.353	96	90	94	ESE 0.5	SW 2-3	SW 0.5	10	10	8	.148	☼ 2 3	
7	.757	.725	.793	39.8	45.9	35.5	37.6	55.6	.240	.237	.202	98	80	98	SW 0.5	NNW 1	SW 0.5	4	10	1	.016	☼ 2 3	
8	.864	.907	.868	42.0	48.3	40.7	33.4	51.3	.233	.225	.230	89	70	92	SSW 0.5	NW 0.5	SE 0.5	2	0	10	.238	☼ 2 3	
9	.597	.569	.510	45.6	55.3	56.8	38.6	53.0	.287	.411	.446	95	94	96	SSW 1-2	WSW 2-3	W 2	10	10	10	.329	☼ 2 3	
10	.567	.491	.556	55.1	59.9	51.8	44.7	58.6	.365	.449	.305	85	87	81	W 1-3	WSW 3-4	SW 4-5	1	10	7	.115	☼ 8a-4p	
11	.547	.608	.724	50.4	51.8	45.2	49.3	61.7	.296	.280	.268	82	75	90	SE 0.5	WSW 1-2	WSW 1	10	9	2	.003	☼ 1 3	
12	.661	.631	.675	41.6	54.7	38.7	39.4	53.8	.255	.262	.227	98	65	98	SW 0.5	SSE 0.5	Calm	0	7	6	.045	☼ 2 3	
13	.692	.759	.861	42.6	46.8	35.0	35.0	56.6	.265	.245	.200	98	79	98	W 0.5	NW 2	E 0.5	8	7	4	.063	☼ 2 3	
14	.891	.914	.977	40.9	50.3	33.4	34.6	52.8	.248	.237	.188	98	60	98	SW 0.5	NW 0.5	SE 0.5	10	3	0	.031	☼ 2 3	
15	.966	.902	.894	50.1	50.2	48.5	29.3	52.0	.150	.263	.323	97	75	94	NNW 0.5	S 0.5	S 0.5	0	9	10	.011	☼ 2 3	
16	.933	.909	.906	50.6	53.9	47.6	29.6	52.0	.363	.358	.306	99	87	94	SSE 0.5	WSW 1	E 0.5	10	10	10	—	☼ 2 3	
17	.073	.010	.075	47.9	54.9	52.6	46.6	56.4	.328	.351	.371	99	81	94	ESE 0.5	SW 0.5	SE 0.5	10	9	10	.057	☼ 2 3	
18	.000	.082	.304	50.9	55.8	40.4	47.4	56.3	.362	.305	.243	97	71	98	SE 0.5	WSW 0.5	Calm	0	9	4	.005	☼ 2 3	
19	.279	.145	.297	38.4	52.8	49.2	36.7	58.5	.229	.279	.320	99	72	92	SW 0.5	SW 0.5	SW 2-5	1	4	10	.037	☼ 2 3	
20	.045	.305	.315	40.9	46.0	42.7	37.7	54.7	.202	.210	.213	82	72	81	WNW 1-2	WNW 3	SW 2	2	4	10	.003	☼ 2 3	
21	.834	.585	.320	47.2	52.4	53.6	37.6	49.6	.284	.308	.385	80	79	94	WSW 1-3	W 2	W 3-8	10	9	10	.232	☼ 2 3	
22	.216	.099	.047	45.9	41.9	37.9	45.1	56.6	.252	.240	.196	84	91	88	SW 1-3	SW 2	SW 1-3	1	6	9	.354	☼ 2 3	
23	.917	.853	.035	34.9	40.7	35.9	34.1	48.6	.193	.189	.199	66	78	96	W 0.5	SW 1	SE 0.5	7	1	10	.232	☼ 2 3	
24	.189	.380	.583	34.7	40.0	31.0	32.3	44.4	.200	.219	.150	100	90	93	SE 0.5	NNW 1	SE 0.5	7	6	1	—	☼ 2 3	
25	.686	.718	.839	31.5	43.5	29.2	29.6	44.1	.159	.236	.141	97	85	95	Calm	0	Calm	0	0	5	0	.017	☼ 2 3
26	.997	.303	.308	26.1	38.3	30.2	25.1	49.4	.126	.226	.153	98	99	99	SW 0.5	E 0.5	Calm	0	0	10	.004	☼ 2 3	
27	.412	.507	.543	28.2	37.8	29.3	25.3	39.7	.140	.224	.145	98	99	97	SE 0.5	E 0.5	E 0.5	10	10	10	.003	☼ 2 3	
28	.483	.324	.304	23.4	30.9	48.6	39.9	27.8	.158	.269	.221	99	81	91	ENE 0.5	S 1	SE 0.5	5	1	0	.004	☼ 2 3	
29	.358	.3088	.2968	44.9	49.7	47.8	30.4	51.6	.258	.277	.319	88	80	97	ESE 0.5	SW 0.5	SW 1-3	7	10	10	.062	☼ 2 3	
30	.807	.796	.790	41.7	46.4	36.4	41.4	51.4	.253	.233	.207	97	77	97	Calm	0	NW 0.5	E 0.5	5	6	6	.013	☼ 2 3
31	.572	.369	.289	43.4	49.8	45.4	33.4	47.6	.269	.294	.275	95	84	92	SW 0.5	WSW 1	SW 2-4	10	6	10	.490	☼ 2 3	
Mean	.284	.804	.814	43.5	50.6	43.2	38.7	53.7	.276	.299	.272	95	82	94	0.7	1.2	1.1	6.3	6.9	6.7	3.911	☼ 2 3	

## QUARTERLY WEATHER REPORT.

## SANDWICK

Long. 3° 18' W. Lat. 59° 2' N. Height above M. S. L. 94 ft.

1873.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
					Means of		Abs. Min.		Abs. Max.								
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Temp.	Day.	Temp.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
January	-	ins.	39°1	39°1	39°1	36°0	43°2	20th	51°1	14th	ins.	ins.	ins.	91	90	91	
February	-	29°34.8	37°2	35°9	36°6	33°5	40°9	17°3	25th	48°1	19th	206	192	199	93	91	92
March	-	29°80.6	39°6	38°2	38°9	35°7	43°5	29°9	1st	48°1	27th	223	216	220	92	94	93
April	-	30°02.4	43°4	42°2	42°8	39°2	47°5	31°6	25th	53°4	20th	251	252	251	89	94	91
May	-	29°92.1	45°4	42°4	43°9	39°4	50°9	32°8	5th and 19th	59°3	31st	243	237	240	81	87	84
June	-	85.2	54°7	51°7	53°2	48°8	60°1	36°9	1st	68°1	2nd	363	332	348	85	86	86
July	-	74.1	58°1	55°4	56°7	51°6	63°0	44°9	13th	75°3	22nd	400	385	392	82	88	85
August	-	70.5	55°4	53°4	54°4	50°4	59°6	38°8	11th	64°0	27th	366	355	361	84	87	85
September	-	77.6	50°9	48°5	49°7	46°0	55°2	38°8	9th	69°0	27th	312	297	304	84	87	86
October	-	56.6	45°1	44°2	44°6	41°6	48°6	35°7	21st	53°6	18th	244	248	246	82	85	84
November	-	77.2	41°9	41°9	41°9	39°6	45°8	31°3	5th	50°8	28th	238	232	235	90	88	89
December	-	78.9	43°6	43°5	43°6	38°4	47°6	31°6	28th	53°0	16th	242	237	240	85	84	84
Year	-	29°77.9	46°2	44°7	45°5	41.8	50.5	—	—	—	—	275	267	271	87	88	88

## SEAHAM

Long. 1° 19' W. Lat. 54° 50' N. Height above M. S. L. 100 feet.

1873.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
					Means of		Abs. Min.		Abs. Max.								
		8 a.m.	8 p.m.	Mean.	Min.	Max.	Temp.	Day.	Temp.	Day.	8 a.m.	8 p.m.	Mean.	8 a.m.	8 p.m.	Mean.	
January	ins.	29°56.9	39°9	—	—	37°4	44°4	26°0	21st	57°0	15th	ins.	—	—	86	—	—
February	—	30°12.5	35°9	—	—	32°4	41°9	21°0	24th	52°0	16th	°181	—	—	84	—	—
March	—	29°83.0	39°0	—	—	35°6	43°6	28°0	13th	52°0	5th	°216	—	—	90	—	—
April	—	30°04.8	44°5	—	—	38°4	50°2	29°0	25th	60°0	3rd and 6th	°256	—	—	87	—	—
May	—	29°92.0	48°0	—	—	41°4	54°3	30°0	20th	64°0	2nd and 22nd	°288	—	—	86	—	—
June	—	°963	56°7	—	—	50°6	63°1	45°0	8th	74°0	22nd and 23rd	°383	—	—	84	—	—
July	—	°846	62°5	—	—	53°5	68°7	45°0	5th	81°0	22nd	°459	—	—	81	—	—
August	—	°823	59°2	—	—	52°7	67°1	44°0	11th	74°0	2nd and 8th	°397	—	—	79	—	—
September	—	°874	53°1	—	—	46°8	61°2	38°0	7th and 22nd	72°0	28th	°329	—	—	81	—	—
October	—	°747	45°7	—	—	39°9	54°4	32°0	24th and 25th	64°0	11th	°278	—	—	89	—	—
November	—	29°853	43°2	—	—	39°3	48°4	34°0	5th and 17th	56°0	30th	°243	—	—	87	—	—
December	—	30°105	42°2	—	—	38°5	47°7	27°0	29th	56°0	16th	°241	—	—	88	—	—
Year	—	29°892	47°5	—	—	42.2	50.4	—	—	—	—	°291	—	—	85	—	—

\* Mean of 29 days only. The 8 p.m. thermometer readings were so frequently omitted that it has been considered advisable to reject the remainder throughout the year 1873.

## DURHAM

Long. 1° 35' W. Lat. 54° 47' N. Height above M. S. L. 345 ft.

1873.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		10 a.m.	10 p.m.	Mean.	Means of		Abs. Min.		Abs. Max.		10 a.m.	10 p.m.	Mean.	10 a.m.	10 p.m.	Mean.	
					Min.	Max.	Temp.	Day.	Temp.	Day.							
January	ins.	39°5	39°3	39°4	35°6	43°2	22°2	21st	53°6	13th	ins.	ins.	ins.	86	88	87	
February	29°57.3	35°8	33°6	34°7	30°2	39°7	17°0	24th	48°0	20th	209	211	210	86	88	87	
March	30°10.9	35°8	33°6	34°7	30°2	39°7	17°0	24th	48°0	20th	213	215	216	83	87	85	
April	29°82.3	39°8	37°1	38°5	33°5	44°8	25°1	13th	59°5	30th	175	207	210	87	94	91	
May	30°04.1	46°4	40°3	43°4	36°5	50°9	27°4	20th	59°1	30th	238	229	234	76	92	84	
May	29°92.0	50°5	43°0	46°7	39°8	55°2	30°4	20th	65°0	25th	286	253	270	78	91	85	
June	91.7	58°9	51°8	55°3	48°7	67°0	42°2	7th and 16th	75°4	21st	374	351	363	75	91	83	
July	84.2	64°3	56°4	60°4	51°8	71°2	44°6	5th	89°3	22nd	422	402	412	70	88	79	
August	81.0	61°0	54°5	57°7	50°6	67°3	41°2	11th	76°4	7th	391	389	390	74	91	83	
September	86.4	54°8	48°0	51°4	44°5	60°8	32°8	30th	70°0	27th	346	309	328	80	93	87	
October	74.5	47°3	42°2	44°7	38°1	53°0	25°1	25th	64°2	3rd	276	247	262	86	92	89	
November	29°85.6	43°5	41°4	42°5	37°3	47°1	28°1	4th	55°6	23rd	242	231	237	85	89	87	
December	30°09.9	41°5	41°5	41°5	35°7	46°8	25°4	29th	54°9	16th	230	234	232	89	90	90	
Year	29°88.4	48°6	44°1	46°4	40.2	53.9	—	—	—	—	284	269	277	81	91	86	

## QUARTERLY WEATHER REPORT.

## SANDWICK.

Therms. 4 ft. above ground. Rain gauge 2 ft. above ground.

1873.	Amount of Cloud.			Rainfall.			Weather.							Wind.									
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	No. of Days of						No. of Obs. under each point.										
							Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calms.	
January	5°0	5°8	5°4	ins.	ins.	4th	25	2	0	0	10	17	7	2	1	0	10	20	12	12	5	0	
February	6°4	6°9	6°6	1°540	340	23rd	17	7	0	0	6	19	7	9	5	3	5	3	7	11	10	3	
March	6°7	6°5	6°6	2°200	400	8th	12	4	1	0	7	17	2	5	3	3	19	17	2	3	7	3	
April	7°0	6°8	6°9	1°440	180	4th	17	2	2	0	5	18	2	13	4	1	11	4	2	11	14	0	
May	6°4	5°3	5°8	1°710	380	1st	14	3	1	0	7	15	1	12	2	12	8	3	3	7	15	0	
June	7°4	5°7	6°6	1°820	280	27th	13	0	0	2	9	21	1	2	5	5	10	14	8	8	0	0	
July	6°4	6°8	6°6	2°390	480	22nd	18	0	0	4	6	20	0	3	1	3	16	14	5	11	7	2	
August	6°3	6°1	6°2	4°060	900	12th	22	0	0	0	8	15	0	0	2	7	8	8	7	19	9	2	
September	6°4	6°3	6°4	3°510	480	17th	19	0	0	1	6	20	1	17	7	4	2	5	1	11	10	3	
October	5°7	7°5	6°6	6°560	820	10th	28	2	2	0	7	19	4	4	3	4	3	9	8	16	14	1	
November	7°2	7°5	7°3	4°690	1160	21st	18	1	1	0	5	17	7	3	7	3	4	6	6	13	10	8	
December	6°8	7°3	7°1	4°200	960	12th	22	4	1	0	5	20	10	1	2	0	0	12	15	21	10	1	
Year	6°5	6°5	6°5	37°730	—	—	225	25	8	7	81	218	42	71	42	45	96	115	76	143	119	23	

## SEAHAM.

Therms. 4 ft. above ground. Rain gauge 6 in. above ground.

1873.	Amount of Cloud.			Rainfall.			Weather.							Wind.								
	8 a.m.	8 p.m.	Mean.	Total.	Max.	Day.	No. of Days of							No. of Obs. under each point.								
							Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calms.
January	4.4	5.3	4.9	ins.	ins.	15th	18	2	1	0	13	15	3	1	0	3	4	24	21	6	1	2
February	5.8	4.8	5.3	1.820	.480	3rd	14	0	3	0	14	14	4	14	7	1	5	1	8	13	7	0
March	5.0	4.7	4.9	1.799	.379	7th	15	2	1	0	18	15	0	6	8	10	11	6	8	4	0	9
April	5.2	4.8	5.0	1.580	.280	24th	15	4	5	1	11	14	5	27	9	3	4	4	7	3	0	
May	5.6	5.2	5.4	2.530	.970	5th	16	0	1	0	12	16	2	15	6	10	5	8	3	9	6	0
June	6.0	5.2	5.6	1.070	.410	3rd	8	0	0	1	4	13	0	13	6	5	2	9	11	7	7	0
July	4.6	4.3	4.5	2.360	.610	23rd	13	0	1	4	11	12	0	2	0	0	0	17	17	10	2	14
August	5.7	5.2	5.5	2.070	.360	31st	17	0	0	1	4	12	2	5	1	0	4	10	17	18	1	6
September	4.2	3.9	4.0	1.460	.310	30th	12	0	1	0	16	11	5	6	2	4	1	11	14	14	7	1
October	5.4	3.5	4.5	2.450	1.200	2nd	13	0	1	2	13	15	2	2	1	2	0	11	22	17	7	0
November	6.0	3.7	4.9	1.340	.370	6th	11	0	0	1	7	11	4	0	10	7	3	9	8	16	7	0
December	3.3	3.8	3.5	0.340	.110	26th	5	0	0	0	15	11	2	0	0	0	0	15	28	16	3	0
Year	5.1	4.5	4.8	20.010	—	—	157	17	14	10	138	159	20	91	50	45	38	125	161	137	51	32

QUARTERLY WEATHER REPORT.

## HULL

Long.  $0^{\circ} 20' \text{ W.}$     Lat.  $53^{\circ} 45' \text{ N.}$     Height above M. S. L., 29 feet.

1873.	Mean Pressure.	Air Temperature.								Tension of Vapour.			Relative Humidity.			
		9 a.m.	9 p.m.	Mean.	Means of		Abs. Min.		Abs. Max.		9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Temp.	Day.	Temp.	Day.						
January	ins. 29° 653	40° 8	41° 3	41° 1	37° 1	45° 6	25° 5	21st	53° 5	14th and 15th	ins. *230	ins. *234	ins. *232	88	88	88
February	30° 104	36° 4	35° 4	35° 9	31° 8	41° 0	18° 5	25th	50° 0	21st	*191	*186	*189	80	90	90
March	29° 832	40° 5	39° 4	40° 0	34° 9	47° 6	27° 0	14th	56° 0	28th and 29th	*221	*224	*223	88	93	91
April	30° 033	48° 2	42° 1	45° 2	38° 5	53° 8	31° 5	26th and 27th	62° 5	16th	*247	*236	*241	74	88	81
May	29° 952	52° 7	46° 0	49° 4	41° 7	58° 6	31° 5	20th	66° 1	23rd	*203	*278	*286	74	90	82
June	*950	59° 4	54° 7	57° 1	50° 2	67° 8	32° 5	2nd	77° 0	23rd	*417	*391	*404	83	91	87
July	*005	66° 0	59° 5	63° 2	53° 7	73° 6	45° 0	1st	86° 0	22nd	*453	*442	*448	69	87	78
August	*868	62° 3	58° 2	60° 3	53° 3	70° 6	45° 0	11th	77° 5	8th	*438	*430	*434	78	88	83
September	*909	55° 7	50° 2	53° 0	45° 5	63° 5	33° 0	30th	73° 0	2nd	*339	*315	*327	76	87	82
October	*801	48° 6	45° 2	46° 9	40° 2	55° 8	25° 0	29th	67° 5	4th	*282	*280	*281	83	93	88
November	29° 878	44° 8	43° 6	44° 2	39° 6	49° 6	31° 5	13th	56° 0	23rd	*251	*252	*252	85	80	87
December	30° 185	41° 3	41° 4	41° 4	36° 0	45° 6	25° 0	13th	54° 5	17th	*230	*258	*234	89	92	90
Year	29° 923	49° 8	46° 4	48° 1	41° 9	56° 2	—	—	—	—	*299	*292	*296	81	90	86

DUBLIN -

Long.  $6^{\circ} 16' \text{ W.}$     Lat.  $53^{\circ} 21' \text{ N.}$     Height above M. S. L., 57 feet.

1873.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Abs. Min.		Abs. Max.		9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Temp.	Day.	Temp.	Day.							
January	ins.	29°54	42°4	42°4	42°4	38°7	47°3	27°4	21st	57°1	13th	ins.	ins.	ins.	84	85	84
February	-	29°165	36°7	37°7	37°2	33°5	42°2	24°0	3rd and 4th	47°4	20th	°185	°187	°186	84	82	83
March	-	30°801	42°3	42°0	42°2	38°3	47°3	31°7	13th	57°4	27th	°229	°228	°228	84	84	84
April	-	30°105	47°5	46°7	47°1	41°5	53°1	34°4	26th	61°0	30th	°249	°254	°251	75	79	77
May	-	29°978	53°2	50°3	51°8	45°7	58°1	35°1	19th	65°2	26th	°286	°286	°286	71	78	74
June	-	°978	59°9	57°3	58°6	52°5	65°7	45°6	16th	77°0	21st	°370	°365	°367	72	77	75
July	-	°865	61°2	59°2	60°2	54°8	68°0	48°0	14th	79°3	20th	°405	°400	°403	75	79	77
August	-	°863	59°6	58°2	58°9	54°4	66°0	47°4	29th	76°6	7th	°411	°402	°406	81	82	82
September	-	°951	54°1	52°2	53°2	48°1	60°1	35°9	29th	69°2	27th	°341	°332	°337	80	84	82
October	-	°820	47°1	46°5	46°8	42°2	53°8	30°6	28th	68°1	1st	°288	°283	°286	86	87	87
November	-	29°807	44°7	44°1	44°0	40°0	49°5	29°1	3rd	56°8	26th	°250	°250	°253	83	84	84
December	-	30°187	44°5	45°7	45°1	41°3	49°6	29°1	28th	55°7	16th and 17th	°250	°250	°254	83	84	84
Year	-	29°930	49°4	48°6	49°0	44°4	55°1	--	--	--	--	°291	°290	°291	80	82	81

## PARSONSTOWN -

Long.  $7^{\circ} 55'$  W.      Lat.  $53^{\circ} 6'$  N.      Height above M. S. L. 182 ft.

1873.	Mean Pressure.	Air Temperature.								Tension of Vapour.				Relative Humidity.					
		8 a.m.				4 p.m.				Midt.				Mean.					
		Means of		Abs. Min.		Abs. Max.		8 a.m.		4 p.m.		Midt.		Mean.					
		Min.	Max.	Temp.	Day.	Temp.	Day.	Temp.	Day.	Temp.	Day.	Temp.	Day.	Temp.	Day.				
January	ins.	39°6	41°9	39°7	40°4	34°8	45°9	18°9	21st	53°1	14th	ins.	ins.	ins.	ins.	92	89	91	91
February	29°524	33°7	40°3	34°0	36°0	30°3	42°8	18°8	4th	52°4	21st	*223	*237	*225	*228	93	89	90	88
March	29°800	40°6	45°6	38°7	41°3	33°6	48°5	24°4	1st	61°3	27th	*177	*194	*174	*182	93	80	90	88
April	30°115	44°8	52°6	43°1	46°8	38°5	54°6	27°5	26th	65°8	20th	*227	*236	*218	*227	93	79	92	88
May	30°115	44°8	52°6	43°1	46°8	38°5	54°6	27°5	26th	65°8	20th	*263	*266	*260	*263	89	*71	92	*84
June	29°978	50°9	56°6	46°2	53°1	42°5	59°6	30°6	19th	71°4	31st	*290	*288	*284	*287	79	†66	91	†79
July	29°978	50°9	56°6	46°2	53°1	42°5	59°6	30°6	19th	71°4	31st	*379	*366	*370	*372	85	66	†92	†81
August	29°978	50°9	56°6	46°2	53°1	42°5	59°6	30°6	19th	71°4	31st	*409	*401	*395	*402	86	70	92	83
September	29°978	50°9	56°6	46°2	53°1	42°5	59°6	30°6	19th	71°4	31st	*409	*408	*399	*405	91	74	92	86
October	29°978	50°9	56°6	46°2	53°1	42°5	59°6	30°6	19th	71°4	31st	*339	*343	*326	*336	93	74	91	86
November	29°898	43°5	50°6	43°2	45°8	38°7	53°7	25°1	26th	67°8	2nd	*276	*299	*272	*282	95	82	94	90
December	30°175	42°8	46°0	44°1	44°3	39°0	49°3	24°8	29th	55°7	16th	*243	*265	*244	*251	91	86	91	89
Year	29°926	46°3	52°1	45°3	47°9	41°1	55°0	—	—	—	—	*291	*298	*286	*292	90	77	92	86

\* 20th day, 4 p.m., observation lost.

† 1st day, 4 p.m., observation lost.

## HULL.

Therms. 4 ft. above ground.      Rain gauge 8 in. above ground.

1873.		Amount of Cloud.			Rainfall.			Weather.							Wind.									
		9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	No. of Days of						No. of Obs. under each point.										
								Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January	-	5'9	6'2	6'1	ins.	ins.	22nd	13	2	0	1	12	18	1	0	1	5	9	15	22	6	4	0	
February	-	7'9	7'9	7'9	1'820	'520	3rd	15	6	1	0	6	25	0	10	4	3	3	2	6	10	10	8	
March	-	7'5	6'3	6'9	2'350	'940	11th	15	3	0	0	10	21	0	7	10	9	8	6	4	3	4	8	
April	-	6'7	6'4	6'6	0'750	'170	6th	16	0	1	1	8	18	0	15	7	3	2	2	7	9	13	2	
May	-	7'2	6'5	6'9	1'840	'270	5th	13	0	0	0	10	22	0	5	4	3	5	5	11	13	13	3	
June	-	8'9	6'7	7'8	1'340	'230	3rd	12	0	1	1	9	25	0	9	9	6	7	10	9	7	3	0	
July	-	5'6	5'9	5'8	3'100	1'120	3rd	17	0	0	5	13	19	0	0	1	3	11	14	15	9	2	6	
August	-	7'1	5'1	6'1	2'610	'650	18th	17	0	0	1	15	23	0	2	3	3	5	14	19	10	2	4	
September	-	5'9	3'6	4'8	2'000	'610	15th	13	0	0	0	20	16	3	3	3	3	6	11	12	11	11	0	
October	-	5'6	4'2	4'9	1'990	'310	21st	16	0	0	0	20	19	1	1	0	1	4	16	20	5	5	5	
November	-	7'1	6'8	7'0	1'270	'230	7th	12	0	0	1	10	31	0	0	6	5	6	7	8	11	8	3	
December	-	6'0	6'4	6'2	0'330	'100	26th	8	0	0	0	16	24	0	0	0	2	7	20	19	7	3	4	
Year	-	6'8	6'0	6'4	21'290	—	—	167	11	3	10	149	251	5	58	48	46	73	122	152	106	78	43	

March wind:—3 obs. lost.

July wind:—1 obs. lost.

DUBLIN.

Therms. 4 ft. above ground.      Rain gauge 3 ft. 4 ins. above ground.

1873.		Amount of Cloud.			Rainfall.		Weather.							Wind.									
		9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	No. of Days of						No. of Obs. under each Point.									
								Rain.	Shov.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	-	6'4	5'5	6'0	ins.	ins.	15th	21	4	3	5	8	22	4	1	2	3	7	12	18	15	2	2
February	-	6'4	6'5	6'4	0'935	'429	24th	8	6	3	0	9	20	2	7	4	2	4	4	5	11	13	6
March	-	6'8	5'5	6'2	2'391	'542	6th	22	6	6	0	10	19	1	9	8	13	6	4	3	9	6	4
April	-	6'2	4'8	5'5	0'498	'235	17th	8	1	3	0	11	14	0	10	12	6	3	1	0	11	10	
May	-	5'4	4'8	5'1	0'907	'115	10th	17	0	2	1	11	13	0	4	8	8	3	2	4	18	11	4
June	-	6'4	4'8	5'6	0'939	'230	15th	13	0	0	0	9	18	0	3	8	4	3	4	5	20	8	5
July	-	6'3	4'9	5'6	3'408	'740	22nd	25	0	4	5	4	13	0	0	0	1	3	12	17	24	3	12
August	-	6'5	5'3	5'9	3'944	'928	24th	23	0	0	1	5	16	0	1	2	4	5	5	12	23	8	2
September	-	5'0	4'4	4'7	2'368	1'181	13th	13	0	0	0	11	10	1	5	1	3	5	4	5	16	13	8
October	-	5'5	4'4	5'0	3'089	1'171	24th	18	0	4	3	15	16	1	3	0	0	3	9	30	10	7	
November	-	6'9	7'2	7'1	2'009	'566	13th	14	0	2	1	7	21	3	4	4	18	3	2	3	15	4	7
December	-	5'9	6'6	6'3	0'692	'295	18th	7	0	0	0	4	18	0	0	0	0	1	5	17	32	4	3
Year	-	6'1	5'4	5'8	23'820	—	—	189	17	27	16	104	200	12	47	49	62	43	58	98	224	92	57

PARSONSTOWN.

Therms. 3 ft. 6 ins. above ground.      Rain gauge 8 ins. above ground.

1873.	Amount of Cloud.					Rainfall.			Weather.							Wind.								
	8 a.m.	4 p.m.	Midt.	Mean.	Total.	Max.	Day.	No. of Days of						No. of Obs. under each Point.										
								Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calms.	
January	-	7'4	7'7	6'6	7'2	ins.	ins.	15th	26	4	0	0	8	25	0	2	6	9	20	13	30	5	3	5
February	-	7'3	7'3	6'2	6'9	0'909	0'240	1st	15	3	0	0	11	21	0	9	10	7	15	3	5	8	15	12
March	-	7'2	8'1	6'9	7'4	4'208	1'035	31st	21	1	0	0	10	25	0	8	16	9	20	2	16	5	9	8
April	-	6'8	7'2	5'9	6'6	1'793	0'561	19th	12	0	0	2	14	22	0	7	13	12	14	2	9	10	20	3
May	-	7'5	7'1	6'6	7'1	2'098	0'442	6th	16	0	0	0	9	24	0	2	4	10	16	5	11	21	18	6
June	-	7'6	7'4	7'6	7'2	1'428	0'270	11th	17	0	0	2	8	25	0	2	7	5	12	1	26	23	7	6
July	-	7'7	7'4	7'2	7'4	4'187	0'882	17th	26	0	0	0	3	24	0	0	0	9	16	4	29	26	6	3
August	-	7'5	8'1	8'5	8'0	4'933	1'520	23rd	29	0	1	0	3	29	0	0	0	4	16	2	18	15	12	11
September	-	6'8	7'3	7'0	7'0	4'061	1'677	30th	21	0	0	0	9	22	0	5	3	5	16	1	29	31	6	5
October	-	6'3	6'9	6'7	6'6	3'911	0'873	2nd	29	0	1	2	14	24	1	2	1	9	18	6	27	13	9	8
November	-	8'0	8'2	7'9	8'0	2'037	0'410	21st	22	0	1	0	4	26	1	2	7	25	14	0	12	14	13	3
December	-	7'3	7'5	7'6	7'5	1'162	0'251	18th	22	0	0	0	8	24	0	2	1	5	22	14	33	11		5
Year	-	7'3	7'5	7'0	7'2	36'086	—	—	256	8	3	6	101	291	2	39	69	109	199	53	245	182	118	74

‡ 5th day, midnight, observations lost.

§ Wind :—Five observations lost.