

Thermometer, highest in shade on the 25th and 27th	61.0	degrees.
" lowest " " 6th	20.8	
" range in month	40.2	
" mean of all highest	49.1	
" mean of all lowest	28.0	
" mean daily range	21.1	
" mean for month	38.5	
" maximum reading in sun's rays	117.0	
" minimum on grass	12.4	
Hygrometer, mean of dry bulb	41.2	degrees.
" mean of wet bulb	38.1	
" mean deduced dew point	34.2	
" elastic force of vapour	1.97	
" weight of vapour in a cubic foot of air	2.3	grains.
" weight required to saturate do	0.7	
" the figure of humidity (Sat. 100)	76	
" average weight of a cubic foot of air	518.8	grains.
Wind, mean direction of, North	10.75	days.
" " East	6.75	
" " South	5.25	
" " West	6.25	
" " Calm	1.00	
" daily force	2.5	
" mean force by estimation 1-12	1.9	
" mean daily horizontal movement	Anemometer broken	
Cloud, mean amount of (0-10)	7.0	
Ozone, mean amount of (0-10)	3.2	
Rain, number of days it fell	18	days
Snow, number of days it fell	4	
Amount of rain and melted snow collected	3.61	inches.
Fog, number of days	3	days

—OBSERVATIONS from the Records of the Montreal Observatory, Lat. 45°31' North; Long. 73° 51m. 17sec. West of Greenwich; Height above the level of the sea:—For the month of May, 1873.—By CHARLES SMALLWOOD, M.D., LL.D., D.C.L.

—OBSERVATIONS taken at Halifax, Nova Scotia, during the month of May, 1873; Lat: 44° 39' North; Long. 63° 36' West; height above the Sea, 125 feet, by Sergt. John Thurling, A. H. Corp's.	
Barometer, highest reading on the 7th	30.383 inches
" lowest " 15th	29.391
" range of pressure	0.992
" mean for month (reduced to 32°)	29.796
Thermometer, highest in shade	76.2 degrees
" lowest " "	21.2
" range in month	55.0
" mean of all highest	61.3
" mean of all lowest	34.1
" mean daily range	27.2
" mean for month	47.7
" maximum reading in sun's rays	129.3
" minimum reading on grass	11.3
Hygrometer, mean of dry bulb	52.5
" mean of wet bulb	47.0
" mean dew point	41.4
" elastic force of vapour	2.61
" weight of vapour in a cubic foot of air	2.9
" weight required to saturate do	1.5
" the figure of humidity (Lat: 100)	66.
" average weight of a cubic of air	539.2
Wind, mean direction of North	9.00
" " East	2.75
" " South	6.00
" " West	13.25
" mean force by estimation 0-12	2.1
" mean daily horizontal movement	212.7 mile
Cloud, mean amount of 0-10	5.3
Ozone, mean amount of 0-10	2.9
Rain, No. of days it fell	13
Snow, number of days it fell	2
Amount of rain and snow collected	3.19 inches.
Fog, No. days it prevailed	5
Aurora Borealis, number of nights	1

DAYS.	Barometer at 32°			Temperature of the Air.			Direction of Wind.			Miles in 24 hours.
	7 a. m.	2 p. m.	9 p. m.	7 a. m.	2 p. m.	9 p. m.	7 a. m.	2 p. m.	9 p. m.	
1	30.126	30.101	30.000	47.0	70.6	57.0	W	W	W	148.51
2	.080	29.956	29.950	41.8	16.5	42.0	N E	N E	N E	113.41
3	29.761	.770	.837	38.0	48.1	43.0	N E	N E	N E	159.27
4	.950	866	.850	40.6	64.5	56.0	N E	W	W	142.84
5	.960	30.075	30.132	47.0	66.5	56.1	S	S	S	99.80
6	30.100	.364	.306	42.2	67.0	57.3	S	S	W	80.43
7	.476	.402	.382	44.2	69.0	57.6	S	S	S	80.17
8	.414	.366	.247	46.0	69.9	56.5	S	S	S	99.88
9	.250	.207	.150	51.1	60.3	57.5	S E	S	S	115.62
10	.001	29.993	29.997	52.5	57.0	54.5	S	S	S	130.12
11	29.950	.830	.749	52.3	56.9	55.0	S	S	W	94.88
12	.730	.761	.771	48.1	63.1	51.5	N W	W	W	147.32
13	.417	.426	.614	48.0	51.6	46.5	S	W	W	205.20
14	.650	.625	.624	44.2	47.5	42.1	W	W	W	186.39
15	.700	.746	.774	41.7	57.5	52.6	W	W	W	89.28
16	.830	.831	.841	47.9	59.5	57.9	N E	N E	W	123.01
17	.924	.882	.901	50.4	58.0	54.6	S	S	W	108.31
18	30.000	30.012	.978	47.0	63.2	55.6	N W	N E	N E	143.25
19	29.981	.920	30.077	50.4	68.1	59.8	S	S	N E	111.28
20	30.300	.246	.226	48.6	70.3	59.6	S	E	E	67.41
21	.261	.200	.112	54.7	65.0	58.2	N E	S	S	220.18
22	.111	.062	.000	52.0	68.2	59.7	S	S	S	66.26
23	29.951	29.816	29.650	57.2	73.0	68.2	S	S E	S	143.47
24	.560	.620	.714	66.1	74.2	68.1	E	W	W	128.36
25	.960	.958	.986	59.5	76.8	70.6	N E	W	W	136.43
26	30.076	.993	.962	59.9	79.1	70.8	N E	S	S	75.31
27	29.911	.800	.751	66.2	73.1	71.6	S	S W	S W	85.49
28	.662	.670	.780	67.7	78.2	67.0	W	W	W	193.55
29	.983	.974	.980	54.0	67.6	57.0	S	W	W	91.22
30	30.200	30.146	30.276	44.6	60.1	53.3	W	S	N E	159.38
31	.382	.320	.281	49.2	66.0	59.0	N E	N E	N E	211.39

REMARKS.—The highest reading of the Barometer occurred at 7.49 a.m. of the 7th day, and was 30.180 inches; the lowest reading was at 7.55 a.m. of the 15th day, and was 29.389 inches giving a monthly range of 1.091 inches. The mean reading of the month was 29.970 inches.

The highest Temperature was on the 27th day, 80° 7, and the lowest on the 4th day, 31° 8, giving a monthly range or climatic difference of 45° 9. The mean temperature of the month was 57° 18.

Rain fell on 17 days, amounting to 1.421 inches, and accompanied by thunder on 2 days. Snow fell on 3 days in inappreciable quantity.

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