

—Observations taken at Halifax, N. S., during the month of January, 1873; Lat. 44° 39' North; Long. 63° 36' West; height above the Sea 125 feet, by Sergt. John Thurling, A. H. Corps.

Barometer, highest reading on the 15th.....	30.665 inches.
“ lowest “ “ 22nd.....	29.064
“ range of pressure.....	1.601
“ mean for month.....	29.833
Thermometer, highest in shade on the 16th.....	53.9 degrees.
“ lowest “ “ 30th.....	-11.8
“ range in month.....	65.7
“ mean of all highest.....	34.3
“ mean of all lowest.....	13.1
“ mean daily range.....	21.2
“ mean for month.....	23.7
“ highest reading in sun's rays.....	80.4
“ lowest on the grass.....	Covered with snow.
Hygrometer, mean of dry bulb.....	25.5
“ mean of wet bulb.....	23.6
“ mean dew point.....	13.1
“ elastic force of vapour.....	.078
“ weight of vapour in a cubic foot of air.....	0.9 grains.
“ weight required to saturate do.....	0.7
“ the figure of humidity (Sat. 100).....	56
“ average weight of a cubic foot of air.....	571.3 grains.
Wind, mean direction of, North.....	9.75 days.
“ “ East.....	2.25
“ “ South.....	7.75
“ “ West.....	9.25
“ “ Calm.....	2.0
“ daily force.....	2.1
“ daily horizontal movement.....	237.2 miles.
Cloud, mean amount of (0-10).....	6.4
Ozone, mean amount of (0-10).....	2.9
Rain, number of days it fell.....	8
Snow, number of days it fell.....	10
Amount collected on ground.....	7.90 inches.
Fog, number of days.....	6

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Barometer, highest reading on the 15th.....	30.293 inches.
“ lowest “ “ 22nd.....	28.630
“ range of pressure.....	1.663
“ mean for month reduced to 32° 0'.....	29.598
Thermometer, highest in shade on the 8th.....	44.0 degrees.
“ lowest “ “ 3rd.....	-10.1
“ range in month.....	54.1
“ mean of all highest.....	31.6
“ mean of all lowest.....	10.2
“ mean daily range.....	21.4
“ mean for month.....	20.9
“ highest reading in sun's rays.....	100.3
“ lowest reading on grass.....	Covered with snow.
Hygrometer, mean of dry bulb.....	22.9 degrees.
“ mean of wet bulb.....	20.8
“ mean dew point.....	7.7
“ elastic force of vapour.....	.061
“ weight of vapour in a cubic foot of air.....	0.7 grains.
“ weight required to saturate do.....	0.8
“ the figure of humidity (Sat. 100).....	50
“ average weight of a cubic foot of air.....	569.1 grains.
Wind, mean direction of North.....	10.50 days.
“ “ East.....	6.75
“ “ South.....	2.25
“ “ West.....	6.00
“ “ Calm.....	2.50
“ mean daily force.....	2.2
“ daily horizontal movement.....	Anemometer broken.
Cloud, mean amount of (0-10).....	6.3
Ozone, mean amount of (0-10).....	3.5
Rain, number of days it fell.....	3
Snow, number of days it fell.....	12
Amount collected on ground.....	2.69 inches.
Fog, number of days.....	1

SYNOPSIS of Temperature, Cloud and Precipitation for the Month of January, 1873, compiled at the Toronto Observatory, from observations in the several Provinces of the Dominion of Canada :

PROVINCE.	ONTARIO.			QUEBEC.		N. SCOTIA.	NEW BRUNSWICK.		MANITOBA.
	TORONTO. 6 & 8 A. M. 2, 4, 10 & Mid't	OTTAWA. 7 A. M. 2 & 9 P. M.	LITTLE CURRENT 7 A. M. 2 & 9 P. M.	MONTREAL. 7 A. M. 2 & 9 P. M.	QUEBEC. Highest and Lowest.	HALIFAX. Tri-Hourly	ST. JOHN. 6 A. M. 2 & 10 P. M.	FREDERIC- TON. 7 A. M. 2 & 9 P. M.	WINNIPEG. Tri-Hourly
Mean temperature uncorrected for diurnal variation.....	17.70	10.54	10.67	15.03	8.95	23.54	20.17	14.18	-5.70
Warmest day.....	16	16	13	16	4	17	17	17	2
Temperature.....	35.58	37.75	31.00	38.77	26.50	47.77	41.00	38.88	18.97
Coldest day.....	29	29	28	29	30	30	12	29	31
Temperature.....	-5.75	-13.65	-13.80	-7.37	-8.50	-2.18	1.00	-4.55	-28.81
Mean of Daily Maxima.....	25.23	20.42	20.88	20.94	18.70	32.57	27.55	22.65	4.22
Mean of Daily Minima.....	8.85	-1.34	0.90	7.76	-0.80	14.35	11.39	1.84	-14.39
Highest Temperature.....	46 0	45.0	43.5	41.1	36.0	52.4	45.0	48.00	24.0
Date.....	16	16	16	16	16	17	17	17	2
Lowest Temperature.....	-18.4	-24.9	-20.0	-15.0	-19.0	-14.4	-10.0	-28.0	-35.5
Date.....	29	29	29	29	29	30	30	30	30
Percentage of Cloud.....	73	77	68	54	68	56	58	55	62
Depth of Rain in inches... ..	1.110	0.850	1.780	1.068	inapp.	4.777	5.015	1.840	0.00
No. of days on which rain fell.....	4	2	4	5	2	11	14	8	0
Depth of snow in inches... ..	39.2	19.41	23.0	41.3	71.0	26.6	13.55	21.9	9.2
No. of days on which snow fell.....	17	23	9	20	16	12	9	12	17
Total depth of Rain and melted snow.....	5.030	2.790	4.080	5.198	7.100	7.832	6.735	2.450	0.920
Days without rain or Snow.....	12	5	19	8	11	12	13	16	11