

Barometer, Highest reading, on the 7th.....	30.519 inches.
" Lowest " " 8th.....	29.333
" Range of pressure.....	1.186
" Mean for month (reduced to 32 F).....	29.948
Thermometer, Highest reading on the 31st.....	44.4 degrees.
" Lowest " " 21st.....	-7.6
" Range in month.....	52.0
" Mean of all highest.....	24.4
" " lowest.....	5.4
" " daily range.....	19.0
" " for month.....	14.9
" Highest reading in sun's rays.....	101.5
" Lowest reading on the grass.....	-2
Hygrometer, Mean of dry bulb.....	16.9
" " wet ".....	16.1
" " dew point.....	10.2
" Elastic force of vapour.....	.063 grains.
" Vapour in a cubic foot of air.....	.86
" " required to saturate air.....	.28
" The figure of humidity (Sat. 100).....	.73
" Average weight of a cubic foot of air.....	583.1
Wind, Mean direction of North.....	4.5 days.
" " " North East.....	5.0
" " " East.....	0.5
" " " South East.....	1.0
" " " South.....	1.5
" " " South West.....	1.0
" " " West.....	0.5
" " " North West.....	4.0
" " " Calm.....	3.0
" Daily force.....	3.2
" " horizontal movement.....	23.1 miles.
Cloud, Mean amount (0 to 10).....	5.7
Ozone, " (0 to 10).....	2.4
Rain, Number of days it fell.....	.2
Snow, ".....	.12
Amount collected on ground.....	9.27 inches.
Fog, Number of days.....	0

Synopsis of Temperature, Cloud and Precipitation for the month of January, compiled at the Toronto Observatory, from Observations in the several Provinces of the Dominion of Canada :—

NEW-FOUND-LAND.	St. Johns	8 A. M.	2 & 9 P. M.
17.23	15.68	8.84	9.90
30	31	25	25
30.00	7.60	25.90	30.50
8.20	8	20	20
21	23.30	4.13	12.00
8.20	21	15.46	18.80
23.33	6.17	0.55	2.20
10.73	26.28	35.0	39.2
33.0	31	25	25
31	41.3	11.9	31.0
0.0	8	26	20
26.27	71	53	60
0.0	0.0	0.010	0.015
0.0	0	1	2
64.1	6.3	50.9	49.0
15	0.397	4.682	5.950
6.400	23	17	14

MANITOBA.	Winnipeg	7 A. M.	2 & 9 P. M.
15.68	15.11	14.99	15.11
31	30	30	30
7.60	28.47	28.64	28.47
8	21	19	20
23.30	5.80	2.17	10.50
21	20.68	25.36	20.68
23.33	3.96	2.43	3.96
10.73	32.9	39.4	32.9
33.0	31	25	25
31	21.0	6.8	31.0
0.0	20	20	20
26.27	56	40	60
0.0	0.050	0.010	0.015
0.0	2	5	2
64.1	41.7	28.7	49.0
15	17	15	17
6.400	4.380	3.738	5.950
23	14	15	14

P. E. ISLAND.	Charlottetown	8 A. M.	2 & 10 P. M.
8.84	8.84	8.84	8.84
25	25	25	25
25.90	25.90	25.90	25.90
20	20	20	20
4.13	4.13	4.13	4.13
15.46	15.46	15.46	15.46
0.55	0.55	0.55	0.55
35.0	35.0	35.0	35.0
25	25	25	25
11.9	11.9	11.9	11.9
26	26	26	26
53	53	53	53
0.010	0.010	0.010	0.010
1	1	1	1
50.9	50.9	50.9	50.9
4.682	4.682	4.682	4.682
17	17	17	17

NOVA SCOTIA.	Truro	7 A. M.	2 & 9 P. M.
9.90	9.90	9.90	9.90
25	25	25	25
30.50	30.50	30.50	30.50
20	20	20	20
12.00	12.00	12.00	12.00
18.80	18.80	18.80	18.80
2.20	2.20	2.20	2.20
39.2	39.2	39.2	39.2
25	25	25	25
31.0	31.0	31.0	31.0
20	20	20	20
60	60	60	60
0.015	0.015	0.015	0.015
2	2	2	2
49.0	49.0	49.0	49.0
17	17	17	17
5.950	5.950	5.950	5.950
14	14	14	14

HALIFAX.	Sydney	Tri-hourly.
15.11	15.11	15.11
30	30	30
28.47	28.47	28.47
21	21	21
5.80	5.80	5.80
20.68	20.68	20.68
3.96	3.96	3.96
32.9	32.9	32.9
31	31	31
21.0	21.0	21.0
20	20	20
56	56	56
0.050	0.050	0.050
2	2	2
41.7	41.7	41.7
17	17	17
4.380	4.380	4.380
14	14	14

NEW BRUNSWICK.	Dalhousie	7 A. M.	2 & 7 P. M.
1.49	1.49	1.49	1.49
29	29	29	29
20.00	20.00	20.00	20.00
19	19	19	19
10.50	10.50	10.50	10.50
14.24	14.24	14.24	14.24
6.26	6.26	6.26	6.26
27.0	27.0	27.0	27.0
29	29	29	29
13.5	13.5	13.5	13.5
19.21	19.21	19.21	19.21
40	40	40	40
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
26.5	26.5	26.5	26.5
2.650	2.650	2.650	2.650
20	20	20	20

QUEBEC.	Quebec	Bi-hourly.
2.80	2.80	2.80
8	8	8
13.12	13.12	13.12
18	18	18
8.66	8.66	8.66
11.13	11.13	11.13
8.90	8.90	8.90
4.44	4.44	4.44
21.0	21.0	21.0
9	9	9
18.5	18.5	18.5
19	19	19
0.0	0.0	0.0
0.0	0.0	0.0
46.0	46.0	46.0
12	12	12
4.60	4.60	4.60
19	19	19

QUEBEC.	Montreal	Tri-hourly.
5.45	5.45	5.45
13	13	13
18.02	18.02	18.02
18	18	18
8.66	8.66	8.66
13.31	13.31	13.31
-0.92	-0.92	-0.92
29.5	29.5	29.5
14	14	14
13.2	13.2	13.2
19	19	19
0.0	0.0	0.0
0.0	0.0	0.0
35	35	35
3.500	3.500	3.500
12	12	12

QUEBEC.	Huntingdon	7 A. M.	2 & 9 P. M.
7.40	7.40	7.40	7.40
2.13	2.13	2.13	2.13
16.00	16.00	16.00	16.00
18	18	18	18
10.50	10.50	10.50	10.50
11.13	11.13	11.13	11.13
1.90	1.90	1.90	1.90
30.0	30.0	30.0	30.0
25	25	25	25
19.0	19.0	19.0	19.0
30	30	30	30
52	52	52	52
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
20.5	20.5	20.5	20.5
15	15	15	15
2.050	2.050	2.050	2.050
16	16	16	16

ONTARIO.	Gravenhurst	7 A. M.	2 & 9 P. M.
8.20	8.20	8.20	8.20
2	2	2	2
20.35	20.35	20.35	20.35
14	14	14	14
5.80	5.80	5.80	5.80
4.85	4.85	4.85	4.85
21.82	21.82	21.82	21.82
3.63	3.63	3.63	3.63
34.8	34.8	34.8	34.8
13	13	13	13
20.2	20.2	20.2	20.2
26	26	26	26
73	73	73	73
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
45.8	45.8	45.8	45.8
23	23	23	23
4.580	4.580	4.580	4.580
8	8	8	8

ONTARIO.	Woodstock	Tri-hourly.
11.38	11.38	11.38
13	13	13
24.46	24.46	24.46
9	9	9
4.85	4.85	4.85
21.82	21.82	21.82
3.63	3.63	3.63
34.8	34.8	34.8
13	13	13
16.5	16.5	16.5
10	10	10
73	73	73
0.0	0.0	0.0
0.0	0.0	0.0
13.5	13.5	13.5
17	17	17
1.350	1.350	1.350
14	14	14

ONTARIO.	Little Current	7 A. M.	2 & 9 P. M.
6.25	6.25	6.25	6.25
1	1	1	1
22.50	22.50	22.50	22.50
20	20	20	20
10.00	10.00	10.00	10.00
15.08	15.08	15.08	15.08
2.45	2.45	2.45	2.45
29.4	29.4	29.4	29.4
13	13	13	13
19.3	19.3	19.3	19.3
20	20	20	20
62	62	62	62
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
27.5	27.5	27.5	27.5
9	9	9	9
2.750	2.750	2.750	2.750
22	22	22	22

ONTARIO.	Toronto	6, 8 A. M.	2, 4, 10 & 12 P. M.
16.13	16.13	16.13	16.13
13	13	13	13
28.62	28.62	28.62	28.62
9	9	9	9
3.88	3.88	3.88	3.88
23.20	23.20	23.20	23.20
7.84	7.84	7.84	7.84
39.0	39.0	39.0	39.0
13	13	13	13
8.8	8.8	8.8	8.8
10	10	10	10
76	76	76	76
inap	inap	inap	inap
1	1	1	1
32.3	32.3	32.3	32.3
17	17	17	17
3.230	3.230	3.230	3.230
14	14	14	14

PROVINCE.	STATION.	Hours from which means are derived
Mean Temperature uncorrected for diurnal variation.....		16.13
Warmest day.....		13
Temperature.....		28.62
Coldest day.....		9
Temperature.....		3.88
Mean of daily Maxima.....		23.20
Mean of daily Minima.....		7.84
Highest Temperature.....		39.0
Date.....		13
Lowest Temperature.....		8.8
Date.....		10
Percentage of Cloud.....		76
Depth of Rain in inches.....		inap
Number of days in which rain fell.....		1
Depth of snow in inches.....		32.3
Number of days in which snow fell.....		17
Total depth of rain and melted snow.....		3.230
Number of fair days.....		14

Observations taken at Halifax, Nova Scotia, during the month of February 1875. Lat: 41° 39' North; Long. 63° 36' West; height above the Sea, 130 feet, by 2nd Corporal J. T. Thompson, A. H. Corps.

Barometer, highest reading on the 11th.....	30.506 inches.
" lowest " " 26th.....	29.146
" range of pressure.....	1.360
" mean for month (reduced to 32° F).....	29.860
Thermometer, highest reading, on the 25th.....	47.9 degrees.
" lowest " " 15th.....	13.2
" range in month.....	61.1
" mean of highest.....	30.2
" mean of lowest.....	7.2
" mean daily range.....	23.0
" mean for month.....	18.7
" highest reading in sun's rays.....	99.9
" lowest " " on the grass.....	Frozen.
Hygrometer, mean of dry bulb.....	20.3
" mean of wet bulb.....	19.6
" mean dew point.....	14.6
" elastic force of vapour.....	.084 grains.
" weight of vapour in a cubic foot of air.....	1.04
" weight required to saturate do.....	.26
" the degree of humidity (Compl. Sat. 100).....	.77
" average weight of a cubic foot of air.....	577.7 grains.
Wind, mean direction of, North.....	2.5 days.
" " " North East.....	1.5
" " " East.....	0.0
" " " South East.....	1.0
" " " South.....	2.0
" " " South West.....	1.0
" " " West.....	2.0
" " " North West.....	15.0
" " " Calm.....	3.0
" Daily force.....	3.2
" " horizontal movement.....	Out of repair.
Cloud, mean amount (0 to 10).....	5.6
Ozone, mean amount (0 to 10).....	1.7
Rain, number of days it fell.....	5
Snow, number of days it fell.....	13
Amount collected on ground.....	8.40 inches.
Fog, number of days.....	0