

ABSTRACT FOR THE MONTH OF DECEMBER, 1901.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet. C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				* BAROMETER.				† Mean relative humidity.	WIND.		‡ Mean possible Sunshine.	Rainfall in inches.	Snowfall in inches.	Rain and snow melted	DAY.
	† Mean.	Max.	Min.	Range.	† Mean.	Max.	Min.	Range.		General direction.	Mean velocity in miles per hour					
SUNDAY..... 1	29.83	36.3	20.4	15.9	29.84	29.99	29.73	.26	79	S.	17.0	00	....	....	....	1.....SUNDAY
2	34.21	41.5	19.0	22.5	29.71	29.99	29.53	.40	76	S.W.	25.0	05	0.06	....	0.06	2
3	14.33	19.0	10.9	8.1	30.13	30.21	29.99	.22	81	N.E.	15.9	11	....	....	....	3
4	12.94	15.6	10.2	5.4	30.04	30.17	29.97	.20	91	N.W.	17.5	00	....	1.1	0.11	4
5	9.87	12.9	6.8	6.1	30.32	30.44	30.17	.27	80	W.	15.4	00	....	....	....	5
6	7.03	11.0	3.2	7.8	30.53	30.58	30.44	.14	87	E.	5.3	00	....	....	....	6
7	9.02	17.0	1.7	15.3	30.45	30.58	30.29	.29	84	N.E.	10.7	00	....	....	....	7
SUNDAY..... 8	29.92	25.5	18.0	7.5	30.24	30.36	30.00	.36	87	N. E.	8.6	00	0.01	1.8	0.19	8.....SUNDAY
9	34.22	39.3	25.5	13.8	29.97	30.00	29.75	.25	91	W.	17.1	00	0.47	....	0.47	9
10	30.27	35.0	26.1	8.9	29.62	29.95	29.43	.52	82	S.W.	25.7	00	0.40	1.3	0.53	10
11	23.74	26.1	21.4	4.7	30.21	30.37	29.87	.50	81	S.W.	19.7	93	....	....	....	11
12	23.08	26.5	19.9	6.6	30.39	30.43	30.35	.08	85	E.	6.6	00	....	0.0	0.00	12
13	35.57	43.5	22.0	21.5	30.13	30.36	29.99	.37	72	S.E.	22.6	00	....	....	....	13
14	52.49	59.1	43.5	15.6	29.75	29.99	29.56	.43	83	S.E.	27.6	00	0.95	....	0.95	14
SUNDAY..... 15	21.02	50.0	6.6	43.4	29.82	30.10	29.56	.54	..	W.	28.2	00	1.00	0.8	1.08	15.....SUNDAY
16	-0.21	6.6	-4.7	11.3	30.18	30.23	30.09	.14	..	W.	15.6	69	....	....	....	16
17	1.55	5.0	-2.7	7.7	30.16	30.21	30.07	.14	..	N.E.	7.4	00	....	....	....	17
18	6.67	10.0	2.5	7.5	30.11	30.21	30.06	.15	..	N.E.	3.6	01	....	....	....	18
19	7.29	10.3	4.3	6.0	30.28	30.32	30.21	.11	..	E.	3.0	00	....	0.3	0.03	19
20	9.81	15.2	4.2	11.0	30.34	30.38	30.31	.07	..	E.	2.2	08	....	0.2	0.02	20
21	6.71	9.0	3.2	5.8	30.37	30.45	30.32	.13	..	W.	3.7	13	....	....	....	21
SUNDAY..... 22	15.71	23.3	5.3	18.0	29.99	30.32	29.71	.61	78	S.	14.7	00	....	0.0	0.00	22.....SUNDAY
23	28.64	31.9	23.3	8.6	29.71	29.72	29.68	.04	89	S.	16.3	00	....	0.5	0.05	23
24	32.52	34.0	28.3	5.7	29.85	29.74	29.65	.09	86	W.	11.6	00	....	1.4	0.14	24
25	27.22	32.0	23.2	8.8	29.86	30.06	29.74	.32	77	S.W.	18.0	44	....	....	....	25
26	30.46	35.0	28.0	7.0	30.13	30.22	30.02	.20	90	S.W.	14.7	16	....	....	....	26
27	30.57	33.0	27.3	5.7	30.01	30.22	29.89	.33	88	N.W.	9.8	03	....	1.7	0.17	27
28	30.43	33.2	26.5	6.7	30.19	30.29	29.98	.31	75	S.E.	10.9	00	....	....	....	28
SUNDAY..... 29	33.30	34.3	32.1	2.2	29.66	29.98	29.46	.52	97	N.	8.8	00	....	3.8	0.72	29.....SUNDAY
30	29.48	34.5	20.8	13.7	29.65	29.69	29.55	.14	81	W.	13.0	00	....	....	....	30
31	20.19	30.7	4.5	26.2	29.62	29.97	29.42	.55	87	W.	26.7	00	....	2.2	0.16	31
Means.....	21.58	26.98	15.53	11.45	30.038	30.178	29.898	.280	83.6	W. 32° 55' S.	14.23	|| 8.6	2.89	15.1	4.68	.....Sums.
27 Years means or and including his month.....	19.24	26.22	12.13	14.08	30.030	.....	.....	.295	83.4	....	§ 16.13	¶ 21.99	1.38	23.23	3.65	{ 27 Years means for and including this month.

ANALYSIS OF WIND RECORD.

Direction.....	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	CALM.
Miles.....	448	1192	538	1267	1510	1620	3237	775	
Duration in hrs..	60	107	93	71	93	72	164	64	20
Mean velocity....	7.5	11.1	5.8	17.8	16.3	22.5	19.7	12.1	

Greatest mileage in one hour was 45 on the 10th.
 Greatest velocity in gusts was 50 miles per hour on the 10th.
 Resultant mileage, 3156.

Resultant direction, W. 32° 55' S.
 Total mileage, 10,587.
 Wind from City Hall on 10th, 11th, 15th, 16th and 21st.

* Barometer readings reduced to sea-level and temperature 32° Fahrenheit.

† Mean of bi-hourly readings taken from self-recording instruments.

‡ Humidity relative, saturation being 100. Mean of observations at 8, 15 and 20 hours.

§ 20 years only. ¶ 15 years only.

The greatest heat was 59.1° on the 14th; the greatest cold was 4.7° below zero; giving a range of temperature of 63.8 degrees. Warmest day was the 14th. Coldest day was the 16th.

Highest barometer reading was 30.58 on the 6th and 7th; lowest barometer reading was 29.42 on the 31st, giving a range of 1.16 inches.

Minimum relative humidity observed was 62 on the 13th.

Rain or sleet fell on 6 days.

Snow fell on 13 days.

Rain, sleet or snow fell on 16 days.

Depth of snow on ground at end of month, 6.5 inches.

Ground clear of snow on the 15th.

Rainbow on the 16th.

Lunar corona on the 22nd.

Light fog on the 6th and 28th.