

ABSTRACT FOR THE MONTH OF FEBRUARY, 1891.

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

DAY.	THERMOMETER.				* BAROMETER.				† Mean pressure of vapour.	‡ Mean relative humidity.	Dew point.	WIND.		SKY CLOUDS IN TENTHS.			Percent of 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.	Mean.	Max.	Min.					
SUNDAY..... 1	.....	32.0	17.2	14.8	.....	.....	.....	.....	.....	.....	.....	N.	5.1	.....	.....	.....	.....	.....	5.3	0.44	1.....SUNDAY
2	3.07	18.0	-2.0	20.0	30.2757	30.387	30.107	.280	.0393	76.5	-3.0	S.W.	14.2	4.0	10	0	74	.....	1.0	0.04	2
3	20.68	34.1	1.1	33.0	29.5108	29.830	29.332	.498	.1007	80.2	15.8	S.W.	21.8	6.7	10	0	80	0.02	1.4	0.25	3
4	-4.50	13.2	-10.5	23.7	30.0775	30.446	29.681	.765	.0285	79.7	-9.3	W.	24.6	1.0	6	0	96	.....	.....	.....	4
5	-2.62	11.0	-13.0	24.0	30.3072	30.495	30.103	.392	.0353	88.3	-5.5	S.E.	12.5	8.3	10	0	80	.....	3.8	0.11	5
6	17.02	29.7	-1.0	30.7	29.9940	30.075	29.924	.151	.0957	91.7	15.0	S.	11.2	10.0	10	10	80	.....	1.8	0.09	6
7	18.68	26.0	14.0	12.0	30.0835	30.151	30.018	.133	.0867	84.8	15.0	N.E.	22.4	7.7	10	1	90	.....	0.1	0.01	7
SUNDAY..... 8	.....	16.5	11.4	5.1	.....	.....	.....	.....	.....	.....	.....	N.	27.1	.....	.....	.....	.....	.....	1.7	0.17	8.....SUNDAY
9	17.78	33.5	8.6	24.9	30.0545	30.421	29.545	.876	.0935	88.2	14.8	N.E.	15.0	10.0	10	10	80	0.18	1.3	0.31	9
10	26.32	36.0	12.4	23.6	29.6790	29.972	29.485	.487	.1142	73.8	19.5	N.E.	28.9	8.7	10	1	51	0.07	0.1	0.08	10
11	9.32	14.4	3.5	10.9	30.2455	30.297	30.153	.144	.0463	70.5	1.7	S.W.	17.7	2.0	10	1	95	.....	.....	.....	11
12	21.78	30.6	8.4	22.2	30.1115	30.257	30.011	.246	.0878	74.0	15.0	S.	12.5	8.0	10	0	60	.....	.....	.....	12
13	12.97	26.5	1.7	24.8	30.1945	30.362	30.061	.301	.0577	70.0	5.0	N.	15.3	4.0	10	0	36	.....	.....	.....	13
14	-0.48	4.0	-6.0	10.9	30.6132	30.725	30.445	.280	.0248	60.0	-11.7	W.	8.2	1.3	8	0	92	.....	.....	.....	14
SUNDAY..... 15	.....	24.5	-7.9	32.4	.....	.....	.....	.....	.....	.....	.....	S.E.	13.3	.....	.....	.....	64	.....	.....	.....	15.....SUNDAY
16	35.52	40.0	23.9	16.1	29.6102	29.673	29.555	.118	.1927	92.3	33.3	S.W.	15.5	10.0	10	10	90	0.03	1.2	0.22	16
17	17.55	31.7	14.9	16.8	29.7448	29.815	29.617	.268	.0748	77.2	11.5	N.E.	15.0	9.5	10	7	18	.....	0.3	0.05	17
18	22.50	34.5	14.5	20.0	29.7327	30.174	29.358	.816	.0863	69.5	13.8	S.W.	28.2	3.3	10	0	79	0.31	0.1	0.32	18
19	10.92	15.1	7.0	8.1	30.4972	30.569	30.308	.261	.0432	60.7	-0.2	S.W.	12.5	0.0	0	0	100	.....	.....	.....	19
20	11.47	22.6	0.0	22.6	30.2883	30.553	29.977	.576	.0672	85.3	7.7	E.	10.9	10.0	10	10	60	.....	0.5	0.08	20
21	34.00	37.8	21.8	16.0	29.6088	29.768	29.531	.237	.1768	89.8	31.2	S.	15.0	10.0	10	10	90	0.38	.....	0.38	21
SUNDAY..... 22	.....	34.8	8.9	25.9	.....	.....	.....	.....	.....	.....	.....	S.W.	25.2	.....	.....	.....	53	.....	Inapp.	0.00	22.....SUNDAY
23	12.05	20.3	2.1	18.2	30.4112	30.557	30.194	.363	.0542	70.3	3.7	S.E.	6.4	8.0	10	0	47	.....	.....	.....	23
24	30.43	39.0	11.8	27.2	29.9843	30.197	29.686	.511	.1477	84.2	25.7	S.	21.9	10.0	10	10	20	0.06	.....	0.06	24
25	41.43	45.2	37.5	7.7	29.3513	29.571	29.225	.347	.2382	90.5	38.8	S.	27.7	10.0	10	0	80	0.52	.....	0.52	25
26	25.80	37.5	22.5	15.0	29.5992	29.668	29.068	.172	.0946	67.3	16.5	S.W.	20.5	5.0	10	0	85	.....	.....	.....	26
27	16.85	23.0	12.5	10.5	29.8388	30.139	29.633	.506	.0588	62.8	6.5	W.	18.5	4.8	10	0	53	.....	.....	.....	27
28	18.20	26.2	8.2	18.0	30.1485	30.260	30.033	.227	.0808	78.0	12.7	S.	17.5	8.0	10	0	60	.....	0.1	0.01	28
..... Means	17.36	27.06	7.95	19.11	29.9984	.....	.....	.373	.0886	77.7	11.4	.....	17.3	6.68	.....	.....	53.7	1.62	18.7	3.14	Sums
17 yrs. means for & including this mo.	15.59	24.13	6.85	17.27	30.0389	.....	.....	.326	.0825	78.5	.....	.....	.....	5.89	.....	.....	41.4	0.94	22.4	3.07	17 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	1022	812	713	1091	2189	3930	1680	189	.....
Duration in hrs ..	50	66	41	77	122	186	97	20	13
Mean velocity....	20.4	12.3	17.4	14.2	17.9	21.1	17.4	9.4	.....

Greatest mileage in one hour was 45 on the 18th.
Greatest velocity in gusts, 58 miles per hour on the 18th.

Resultant mileage, 4750.
Resultant direction, S. 32° W.
Total mileage, 11,026.
Average mileage, in miles per hour, 17.3.

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

‡ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

† Ten years only.

The greatest heat was 45.2 on the 25th; the greatest cold was 13.0 below zero on the 5th, giving a range of temperature of 58.2 degrees. Warmest day was the 25th. Coldest day was the 4th. Highest barometer reading was 30.725 on the 14th; lowest barometer was 29.225 on the 25th,

giving a range of 1.500 inches. Maximum relative humidity was 100 on the 4th. Minimum relative humidity was 48 on the 14th.

Rain fell on 8 days.

Snow fell on 15 days.

Rain or snow fell on 18 days.

Auroras were observed on 3 nights.

Lunar halo on one night.

Lunar corona on one night,

Fog on 4 days.