ABSTRACT FOR THE MONTH OF FEBRUARY, 1894.

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

DAY.	THERMOMETER. Mean.	Max.	Min.	Range.	BAROMETER.* Mean.	Max.	Min.	Range.	† Mean pressure of vapour.	‡ Mean relative humidity.	Dew point.	WIND. General direction.	Mean velocity in miles perhour	SKY CLOUDED IN TENTHS. Mean.	Max.	Min.	Per cent. of Possible Sunshine.	Rainfall in inches.	Snowfall in inches.	R. and snow melted.	DAY.
1	9.42	12.8	5.5	7.3	30.0028	30.102	29.933	.169	.0557	83.8	5.3	S.W.	12.0	2.8	10	0	24	....	..	....	1
2	10.13	17.7	2.7	15.0	30.0598	30.202	29.864	.338	.0602	85 3	6.7	S.	18.2	6.3	10	0	45	. ..	Inap	Inap	2
3	25.12	30.5	16.0	14.5	29.6858	29.770	29.644	.126	.1152	83.8	21.3	S.	17.9	7.7	10	0	00	....	0.1	0.01	3
SUNDAY 4	.....	27.5	— 0.7	28.2	.....	.....	.....	....	.....	....	....	N.	17.7	....	....	..	45	....	....	....	4 .. ..SUNDAY
5	— 0.83	3.8	— 8.5	12.3	30.3557	30.371	30.314	.057	.0353	84 3	— 4.8	N.	12.8	2.0	10	0	94	....	....	....	5
6	12.85	19 5	0.3	19.2	30.1720	30 333	39.017	.316	.0628	77.2	7.2	S.	17.6	3.2	10	0	88	....	....	....	6
7	26.37	32.3	18.0	14.3	29.8748	30.007	29.804	.203	.1187	82.0	21.7	S.E.	19.2	6.2	10	0	18	....	....	....	7
8	33.75	38.3	28.0	10.3	29,8832	30.107	29.719	.388	.1655	85.2	29.7	W.	14.9	5.5	10	0	51	....	2.2	0.22	8
9	21.60	29.1	14.3	14.8	30.0432	30.187	29.884	.303	.1015	90.0	19.2	N.	19.0	10.0	10	10	01	....	0.3	0.03	9
10	33.57	38.0	26.3	11.7	29.6710	29.806	29.603	.203	.1692	88.5	30.3	S.	22.3	9.8	10	9	00	....	2.3	0.23	10
SUNDAY.....11	.....	24.5	9.0	15.5	.....	.....	.....	....	....	....	....	S.W.	27.2	....	....	..	08	....	1.0	0.10	11 .....SUNDAY
12	2.60	8.4	— 3.2	11.6	30.3543	30.500	30.144	.356	.0385	78.0	— 2.3	N.	19 3	5.0	10	0	60	....	....	....	12
13	0.03	5 8	— 5.6	11.4	30.2802	30.393	30 13c	.263	.0373	86 5	— 3 3	N.E.	27.6	3.8	10	0	76	....	....	.	13
14	— 1.18	6.0	— 9 7	15.7	30.3110	30.464	30.120	.344	.0373	93.2	— 3.7	N.E.	4.8	5.7	10	0	04	...	0.2	0.02	14
15	9.87	18.3	2.1	16.2	29 6707	30.004	29.462	.542	.0620	89.3	7.5	N.W.	15 8	9.8	10	9	00	....	2.7	0.27	15
16	— 0.82	13.1	— 8.2	21.3	30.0835	30.436	29.678	.758	.0348	81 5	— 5 5	W.	28.3	1.8	10	0	94	....	....	....	16
17	4.47	25.0	— 9.5	34.5	30.2053	30.491	29 889	.602	.0515	87.3	1.7	S.E.	14 8	6.7	10	0	30	....	....	....	17
SUNDAY.....18	.....	38 7	25 2	13 5	.....	.....	.....	....	.....	..	....	S.W.	29 4	....	....	..	03	0.12	0.1	0.13	18 ....SUNDAY
19	30.42	38.0	21.0	17.0	29.9252	30.103	29.809	.294	.1283	74.7	23.3	S.W.	13.2	6.5	10	0	64	....	....	....	19
20	15.55	31 0	10.0	21.0	30.0598	30.128	29.920	.208	.0612	68.2	7.0	S.W.	20.5	4.7	10	0	83	....	....	....	20
21	12.15	17.6	8 0	9.6	30.1023	30.150	30.063	.087	.0610	80.2	7.5	S.W.	15.6	4.8	10	0	51	....	0.2	0.02	21
22	15.85	23.8	6.2	17.6	30.0118	30.184	29.825	.359	.0690	76.7	9.8	S.W.	10.8	8.7	10	6	39	....	....		22
23	0.17	21.8	—14.1	35.9	30.2045	30.539	29 883	.654	.0395	79.3	— 5 0	S.W.	28.3	3 0	10	0	93	....	....	....	23
24	— 12.58	— 8.0	—19.5	11.5	30.7555	30.833	30.631	.202	.0197	83.5	—16.3	S.W.	21.9	0.0	0	0	94	....	....	....	24
SUNDAY 25	....	8.5	—13 1	21.6	.....	.....	.....	....	.....	....	....	S.	12.1	....	...	..	66	....	....	....	25 .....SUNDAY
26	8.25	17 8	— 2.5	20.3	30.2867	30.359	30.222	.137	.0505	76.8	3.0	N.	8.0	2.5	8	0	94	....	....	...	26
27	16.47	24.2	8.0	16.2	30.3265	30.393	30.242	.151	.0697	74.8	9.7	S.	10.2	5.0	10	0	89	....	. ..	....	27
28	30.62	34.5	20.0	14.5	30.1545	30.234	30.111	.123	.1325	77.2	24.3	S.	16.5	10 0	10	10	00	....	Inap	Inap	28
..	....	....	....	....	.....	.....	.....	....	.....	....	....	.....	...	...	...	..	..	....	....	....	..
..	.....	....	....	....	.....	.....	.....	....	.....	....	....	.....	....	.	...	..	..	....	....	....	..
..	.....	....	....	....	.....	.....	.....	....	.....	....	....	.....	....	..	....	..	..	....	....	....	..
....Means	12.65	21.38	4.50	16.88	30.1033	.....	.....	.299	0740	81.8	8.1	S. 49¾° W.	17.8	5.5	..	..	47	0.12	9.1	1.03	Sums .....
20 Years means for and including this month ...	15 43	23.81	6.78	17.03	30.0483	.....	.....	.321	.0818	78.9	....	.....	....	6.0	..	..	¶41.3	0.82	22.4	2.97	20 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.....	1407	1070	172	980	2080	3927	1594	719	
Duration in hrs .	99	59	14	58	130	178	87	39	8
Mean velocity...	14.2	18.1	12 3	16.9	16.0	22.1	18.3	18.4	

Greatest mileage in one hour was 44 on the 13th.
Greatest velocity in gusts 54 miles per hour, on the 13th.

Resultant mileage 4,374.
Resultant direction, S. 49¾° W.
Total mileage, 11,949.

* Barometer readings reduced to sea-level and temperature of 32° Fahrenheit.
§ Observed.
† Pressure of vapour in inches of mercury.
‡ Humidity relative, saturation being 100.
¶ 13 years only.

The greatest heat was 38.7 on the 18th; and the greatest cold was — 19.5 on the 24th, giving a range of temperature of 58.2 degrees. Warmest day was the 8th. Coldest day was the 24th. Highest barometer reading was 30.833 on the 24th; lowest barometer was 29.462 on the 15th, giving a range of 1.371 inches. Maximum relative humidity was 99 on the 10th. Minimum relative humidity was 42 on the 2nd.

Rain fell on 1 day.
Snow fell on 11 days
Rain or snow fell on 11 days.
Auroras were observed on 2 nights.
Hoar frost on 6 days.
Lunar halos on 13th, 15th, 18th and 19th.
Solar halos on 4th, 7th, 12th, 13th, 17th and 21st.
Lightning on 7th.