

ABSTRACT FOR THE MONTH OF FEBRUARY, 1897.

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

DAY.	THERMOMETER.				BAROMETER.				† Mean pressure of vapor.	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.	Wib.					
1	14.32	21.7	8.4	13.3	30.3990	30.587	30.205	.382	.0723	87.3	11.2	S.W.	8.08	4.0	10	0	70	....	....	....	1
2	17.28	25.5	8.0	17.5	30.1128	30.199	30.050	.149	.0848	88.3	13.8	N.E.	14.79	4.5	10	0	16	....	....	....	2
3	17.07	20.9	10.0	10.9	30.1345	30.210	30.080	.130	.0787	82.9	13.2	N.E.	28.55	2.2	7	0	89	....	....	....	3
4	12.33	17.9	5.5	12.4	30.3543	30.419	30.278	.141	.0693	90.2	10.0	N.E.	13.87	0.5	3	0	84	....	....	....	4
5	12.50	19.2	0.1	19.1	30.4282	30.513	30.318	.195	.0605	79.0	7.3	E.	9.75	3.7	10	0	93	....	....	....	5
6	30.97	35.7	20.0	15.7	30.1043	30.253	29.893	.360	.1388	77.7	24.8	S.E.	18.92	10.0	10	10	00	0.02	0.0	0.02	6
SUNDAY.....	7	....	37.7	33.0	4.7	....	....	....	....	....	....	N.	13.08	....	....	....	00	0.45	0.2	0.47	7..... SUNDAY
8	33.22	35.1	30.2	4.9	29.8322	29.862	29.799	.063	.1617	85.0	29.5	S.W.	16.33	10.0	10	10	00	0.00	....	0.00	8
9	25.28	28.3	20.5	7.8	30.0145	30.073	29.922	.151	.1140	83.8	21.2	W.	17.02	5.2	10	0	69	....	0.0	0.00	9
10	7.35	10.6	2.5	8.1	30.3457	30.394	30.324	.170	.0477	78.0	2.2	N.W.	10.17	0.0	0	0	100	....	....	....	10
11	1.78	6.2	-2.9	9.1	30.3940	30.452	30.333	.119	.0355	78.5	4.2	N.E.	6.54	0.0	0	0	94	....	....	....	11
12	13.88	10.9	-2.2	13.1	30.0303	30.265	29.878	.387	.0382	74.2	2.8	N.	21.07	10.0	10	10	00	....	0.0	0.00	12
13	11.43	16.8	4.9	11.9	30.1693	30.235	30.025	.210	.0502	68.0	2.8	S.W.	15.08	0.7	4	0	100	....	....	....	13
SUNDAY.....	14	....	22.3	3.4	18.9	....	....	....	....	....	....	N.	11.92	....	....	....	34	....	0.3	0.02	14..... SUNDAY
15	28.63	32.6	23.7	8.9	29.8512	29.916	29.762	.154	.1292	81.8	23.8	S.W.	17.55	6.0	10	0	67	....	0.0	0.00	15
16	26.90	31.8	19.0	12.8	29.7702	29.821	29.747	.074	.1295	88.3	23.8	N.	7.92	5.3	10	1	61	....	....	....	16
17	27.92	31.2	22.4	8.8	29.7508	29.865	29.649	.216	.1433	93.0	26.3	S.W.	13.20	7.7	10	0	60	....	2.5	0.25	17
18	31.78	35.4	26.5	8.9	29.7737	29.910	29.608	.302	.1570	87.5	28.3	S.W.	18.37	7.7	10	0	14	....	0.1	0.01	18
19	20.47	25.3	15.9	9.4	30.1483	30.256	29.989	.267	.0855	79.3	14.8	S.W.	19.54	5.3	10	0	97	....	0.2	0.02	19
20	22.05	25.7	16.2	9.5	30.2123	30.379	29.840	.539	.0995	83.5	18.0	S.E.	12.17	5.0	10	0	71	....	0.0	0.00	20
SUNDAY.....	21	....	38.7	24.2	14.5	....	....	....	....	....	....	N.W.	25.42	....	....	....	32	0.01	4.6	0.47	21..... SUNDAY
22	12.08	17.7	7.9	9.8	30.1157	30.253	29.844	.409	.0645	84.2	8.3	N.E.	21.21	8.2	10	0	00	....	2.5	0.25	22
23	23.10	26.5	15.9	10.6	29.6115	29.668	29.514	.154	.1095	87.8	20.3	S.W.	13.75	10.0	10	10	05	....	5.8	0.58	23
24	21.25	27.3	16.5	10.8	29.9573	30.067	29.720	.347	.0927	81.3	16.5	S.W.	23.71	3.5	10	0	77	....	0.3	0.03	24
25	23.32	32.9	12.6	20.3	29.9782	30.092	29.906	.186	.1063	83.7	19.3	S.	18.75	8.8	10	6	15	....	0.2	0.02	25
26	1.30	5.4	5.3	10.7	30.2702	30.319	30.186	.133	.0337	74.3	5.8	S.W.	12.87	2.7	9	0	71	....	....	....	26
27	8.65	16.1	0.1	16.0	30.3147	30.357	30.282	.075	.0472	74.0	1.8	S.W.	18.00	3.8	10	0	70	....	0.1	0.01	27
SUNDAY.....	28	....	14.0	0.2	14.2	....	....	....	....	....	....	N.W.	19.12	....	....	....	96	....	....	....	28..... SUNDAY
29	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	29
30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30
31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	31
Means.....	18.12	23.91	12.03	11.88	30.0864	30.1819	29.9605	.2214	.0896	82.11	13.52	S. 81½° W.	15.99	5.12	8.45	1.95	51.2	0.48	16.5	2.12	..... Sums.
23 Years means (for and including this month.....	15.46	23.61	7.02	16.59	30.0293	....	....	.301	.0827	79.9	....	.....	118.26	5.9	....	....	42.2	0.75	22.4	2.92	23 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.....	1251	2018	582	487	303	4473	494	1129	
Duration in hrs..	95	111	44	30	24	263	39	64	2
Mean velocity....	13.17	18.18	13.23	16.23	12.63	17.01	12.67	17.64	

Greatest mileage in one hour was 38 on the 3rd.
 Greatest velocity in gusts, 48 miles per hour on the 3rd.
 Resultant mileage, 4265.
 Resultant direction, S. 81½° W.
 Total mileage, 10737.

*Barometer readings reduced to sea-level and temperature of 32° Fahrenheit.
 † Observed.
 ‡ Pressure of vapour in inches of mercury.
 § Humidity relative, saturation being 100.
 ¶ 16 years only.
 § 11 years only.
 The greatest heat was 37° on the 7th: the greatest cold was -5.3° on the 26th giving a range of temperature of 43.0° degrees.
 Warmest day was the 8th. Coldest day was the 26th. Highest barometer reading was 30.597 on the 1st. Lowest barometer was 29.514 on the

23rd, giving a range of 1.073 inches. Maximum relative humidity was 100 on the 1st. Minimum relative humidity was 53 on the 6th.
 Rain fell on 4 days.
 Snow fell on 16 days.
 Rain or snow fell on 16 days.
 Auroras were observed on 2 nights, on the 9th, 25th.
 Lunar halos on 2 nights.
 Lunar coronas on 2 nights.
 Mock Suns on 17th.