

ABSTRACT FOR THE MONTH OF NOVEMBER, 1889.

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 CLOUDED IN TENTHS.			Rainfall in inches.	Snowfall in inches.	Rain and snow melted.	DAY.	
	Mean.	Max.	Min.	Range	Mean.	SMax.	SMin.	SRange.				General direction.	Mean velocity in miles perhour	Mean.	Max.	Min.					Percentage of days with sun-shine.
1	39.47	43.9	35.8	8.1	30.2202	30.264	30.151	.113	.2010	83.0	34.5	W.	4.9	8.7	10	5	31	....	....	....	1
2	46.58	54.0	37.2	16.8	29.9795	30.235	29.651	.584	.2697	83.0	41.5	S.E.	16.6	10.0	10	10	00	0.07	....	0.07	2
SUNDAY.....	3	.....	55.0	44.6	10.4	.....	.....	.....	.....	.....	.....	S.W.	25.5	.....	.....	..	04	0.13	.....	0.13	3
4	42.37	48.7	37.2	11.5	30.0207	30.074	29.963	.111	.1810	67.7	31.8	W.	24.3	4.3	10	0	70	Inapp.	.....	0.00	4
5	35.00	38.7	31.7	7.0	30.1023	30.153	30.044	.109	.1433	70.8	26.3	W.	18.4	8.8	10	1	58	.....	.....	.....	5
6	38.55	43.2	32.8	10.4	29.9530	30.037	29.856	.181	.1573	67.5	28.5	S.W.	25.8	8.8	10	0	46	Inapp.	Inapp.	0.00	6
7	41.77	48.3	32.9	15.4	29.9347	30.113	29.840	.273	.1835	68.5	32.3	S.W.	24.3	5.2	10	0	49	.....	.....	.....	7
8	32.52	38.0	26.7	11.3	30.1580	30.258	30.030	.228	.1392	70.8	24.2	S.	9.3	2.0	10	0	86	.....	.....	.....	8
9	39.32	47.1	31.7	15.4	29.9630	30.017	29.918	.099	.1948	81.7	33.8	S.W.	9.6	5.3	10	0	66	.....	.....	.....	9
SUNDAY.....	10	.....	42.6	29.8	12.8	.....	.....	.....	.....	.....	.....	E.	10.7	.....	.....	..	90	.....	.....	.....	10
11	39.73	43.0	33.7	9.3	30.0640	30.107	30.042	.065	.2243	91.3	37.7	S.W.	10.6	10.0	10	10	00	Inapp.	.....	0.00	11
12	43.68	46.6	40.1	6.5	30.1172	30.186	30.012	.174	.2537	89.2	40.7	S.	7.5	10.0	10	10	00	.....	.....	.....	12
13	41.55	46.0	38.3	7.7	29.8508	29.961	29.686	.275	.2477	94.3	39.8	N.E.	10.5	10.0	10	10	00	0.02	.....	0.02	13
14	39.02	47.0	20.5	17.5	29.6468	29.774	29.581	.193	.2097	87.0	35.2	W.	19.7	9.5	10	7	07	0.07	Inapp.	0.07	14
15	21.82	30.1	18.9	11.2	30.2178	30.437	29.960	.477	.0777	66.5	12.7	N.W.	16.3	8.3	10	5	06	.....	0.6	0.06	15
16	22.07	25.0	17.5	7.5	30.5518	30.611	30.495	.116	.0830	70.2	14.2	W.	20.2	2.8	10	0	61	.....	.....	.....	16
SUNDAY.....	17	.....	40.0	23.9	16.1	.....	.....	.....	.....	.....	.....	W.	28.0	.....	.....	..	98	.....	.....	.....	17
18	34.35	40.4	27.7	12.7	30.2457	30.311	30.176	.135	.1522	76.7	27.7	W.	11.5	0.5	1	0	96	.....	.....	.....	18
19	36.22	40.5	32.3	8.2	30.0462	30.130	29.952	.178	.1750	82.2	31.2	N.E.	12.6	10.0	10	10	00	0.01	.....	0.01	19
20	38.18	40.0	35.6	4.4	29.7005	29.882	29.599	.283	.2238	96.8	37.2	N.E.	15.6	10.0	10	10	00	0.96	.....	0.96	20
21	39.33	42.9	36.6	6.3	29.5740	29.605	29.593	.102	.2260	93.5	37.7	S.	7.2	9.2	10	5	00	0.13	.....	0.13	21
22	37.07	39.3	35.6	3.7	39.3767	39.437	29.315	.122	.2110	95.3	35.8	N.	13.3	10.0	10	10	00	0.24	.....	0.24	22
23	38.62	43.0	36.5	6.5	29.7145	29.955	29.486	.469	.2072	88.3	35.2	N.W.	16.7	8.7	10	2	03	0.02	.....	0.02	23
SUNDAY.....	24	.....	43.1	32.7	10.4	.....	.....	.....	.....	.....	.....	W.	16.6	.....	.....	..	01	0.03	.....	0.03	24
25	30.20	41.0	22.8	18.2	30.2738	30.441	30.109	.332	.1192	70.0	21.8	N.W.	16.4	6.3	10	0	12	Inapp.	.....	0.00	25
26	26.08	28.9	22.8	6.1	30.5553	30.597	30.494	.103	.1018	72.2	18.3	N.W.	7.6	6.5	10	0	36	.....	.....	.....	26
27	23.57	27.0	20.8	6.2	30.4345	30.595	30.189	.406	.1055	84.2	19.3	N.E.	20.1	10.0	10	10	00	.....	7.5	0.75	27
28	22.08	25.0	19.8	5.2	29.6868	30.029	29.473	.556	.1103	93.5	20.5	N.E.	37.6	10.0	10	10	00	.....	7.1	0.76	28
29	24.45	31.0	19.9	11.1	29.7177	29.856	29.611	.245	.1158	87.5	21.2	W.	15.6	10.0	10	0	00	.....	0.4	0.04	29
30	17.98	21.5	13.7	7.8	30.2017	30.369	29.956	.413	.0790	80.2	13.0	W.	28.2	3.0	10	0	96	.....	.....	.....	30
..... Means.	34.29	40.03	29.97	10.06	30.0118	.....	.....	.244	.1686	81.2	28.9	.....	16.7	7.61	.....	.....	30.5	1.68	15.6	3.29	Sums
15 yrs. means for & including this mo.	32.08	38.08	26.04	12.04	30.0117	.....	.....	.261	.1551	79.9	.....	.....	.....	7.40	.....	.....	29.0	2.41	13.6	3.79	15 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.....	332	2412	379	193	906	2192	3360	2351	6
Duration in hrs..	28	122	48	18	75	133	177	113	6
Mean velocity...	11.9	19.8	7.9	10.7	12.1	16.5	19.0	19.9	

Greatest mileage in one hour was 62 on the 28th.
Greatest velocity in gusts 76 miles per hour for three miles on the 28th.
Resultant mileage, 4,410

Resultant direction, N 76° 3' W.
Total mileage, 12,025.
Average velocity 16.7 m. p. h.

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

‡ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

¶ Eight years only.

The greatest heat was 55.0 on the 3rd; the greatest cold was 13.7 on the 30th, giving a range of temperature of 41.3 degrees. Warmest day was the 3rd. Coldest day was the 30th. Highest barometer reading was 30.611 on the 16th; lowest bar-

ometer was 29.315 on the 22nd; giving a range of 1.296 inches. Maximum relative humidity was 100 on the 20th. and 21st. Minimum relative humidity was 49 on the 4th.

Rain fell on 14 days.

Snow fell on 6 days.

Rain or snow fell on 18 days.

Rain and snow fell on 2 days.

An Aurora was observed on 1 night.

Hoar frost on 6 days.

Lunar halo on 1 night.

Lunar corona on the 30th.

Fog on 7 days.