

ABSTRACT FOR THE MONTH OF SEPTEMBER, 1897.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 157 feet, C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				BAROMETER.				†Mean pressure of vapor.	‡Mean relative humidity.	Dew Point.	WIND.		SKY CLOUDED IN TENTHS.			Per cent. possible Sunshine.	R- fall 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.						
1	63.72	72.7	54.7	18.0	30.0132	30.050	29.992	.058	.4277	72.3	54.5	S.W.	16.28	2.2	8	0	94	.....	.....	.....	1
2	60.32	68.9	54.4	14.5	30.1350	30.254	30.022	.232	.3453	60.8	48.8	N.W.	12.63	2.8	7	2	81	.....	.....	.....	2
3	55.53	63.4	48.5	14.9	30.3523	30.376	30.246	.080	.3060	70.2	45.5	N.W.	9.29	2.2	8	0	79	.....	.....	.....	3
4	56.08	64.7	47.8	16.9	30.3265	30.404	30.227	.177	.3813	85.3	51.3	S.W.	9.04	3.7	10	0	33	0.00	.....	0.00	4
SUNDAY.....	.....	76.8	52.4	24.4	.....	.....	.....	.....	.....	.....	.....	S.W.	23.67	.....	.....	.....	96	.....	.....	.....	5.....SUNDAY
5	69.13	82.2	59.5	20.7	30.1672	30.300	30.061	.239	.4917	68.5	58.0	N.	16.08	0.5	2	0	85	.....	.....	.....	6
6	57.33	64.6	50.0	14.6	30.3283	30.421	30.225	.196	.3513	74.3	49.2	W.	9.71	4.7	10	0	34	0.02	.....	0.02	7
7	68.07	78.6	55.8	22.8	30.0603	30.187	29.965	.222	.5745	82.5	62.5	S.W.	14.75	3.2	10	0	53	0.01	.....	0.01	8
8	74.43	83.2	65.6	17.6	29.9635	30.005	29.931	.074	.4473	75.8	66.3	S.W.	22.63	0.2	1	0	89	.....	.....	.....	9
9	77.72	86.8	69.9	16.9	29.9618	29.995	29.921	.074	.6338	71.5	68.0	S.W.	21.25	3.3	8	0	79	0.02	.....	0.02	10
10	62.33	74.5	52.5	22.0	30.1637	30.233	30.063	.220	.3795	58.0	47.2	N.	13.00	5.0	10	0	47	0.00	.....	0.00	11
SUNDAY.....	.....	65.0	44.8	20.2	.....	.....	.....	.....	.....	.....	.....	N.E	9.96	.....	.....	.....	82	0.03	.....	0.03	12.....SUNDAY
12	64.68	74.8	56.6	18.2	29.8470	29.980	29.742	.238	.4775	77.2	57.2	S.W.	17.42	6.5	10	1	33	0.26	.....	0.26	13
13	56.45	62.2	52.5	0.7	30.1855	30.295	30.053	.242	.3315	72.8	47.7	W.	11.71	4.3	10	0	78	0.03	.....	0.00	14
14	55.82	63.8	47.2	16.6	30.2430	30.345	30.127	.218	.3417	76.3	48.3	N.	6.92	1.0	6	0	98	.....	.....	.....	15
15	60.97	63.3	49.7	18.6	29.8970	30.039	29.729	.370	.4462	83.0	55.5	N.E	10.13	5.3	10	0	29	0.03	.....	0.03	16
16	56.90	64.7	45.6	19.1	29.9040	30.022	29.756	.264	.3428	72.0	47.3	N.W.	15.08	3.8	10	0	86	0.02	.....	0.02	17
17	48.75	56.1	41.3	14.8	29.8803	30.015	29.729	.286	.2392	68.8	39.0	S.	11.54	6.5	10	0	17	0.00	.....	0.00	18
SUNDAY.....	.....	65.1	50.4	14.7	.....	.....	.....	.....	.....	.....	.....	S.	14.63	.....	.....	.....	25	0.13	.....	0.13	19.....SUNDAY
19	46.10	49.3	42.6	6.7	30.0723	30.091	30.036	.055	.2603	84.2	41.7	N.	12.75	9.7	10	4	0	0.33	.....	0.38	20
20	46.32	51.8	40.3	11.5	30.1378	30.205	30.077	.128	.2105	67.2	35.7	S.W.	17.38	1.5	8	0	66	.....	.....	.....	21
21	51.40	59.5	42.7	16.8	30.2671	30.287	30.230	.045	.2845	75.2	43.7	N.	10.67	5.8	10	0	76	0.05	.....	0.00	22
22	54.73	63.5	45.0	18.5	30.2077	30.291	30.110	.181	.3233	76.2	47.0	N.	7.11	4.5	10	0	23	.....	.....	.....	23
23	56.30	62.5	50.5	12.0	29.9678	30.047	29.905	.142	.3782	83.7	51.2	N.	9.92	0.3	10	0	0	0.05	.....	0.00	24
24	61.77	70.9	51.5	19.4	29.9723	30.020	29.918	.102	.4187	76.0	53.8	S.W.	22.46	0.0	0	0	93	.....	.....	.....	25
SUNDAY.....	.....	66.9	46.0	20.9	.....	.....	.....	.....	.....	.....	.....	S.W.	19.46	.....	.....	.....	4	0.24	.....	0.24	26.....SUNDAY
26	42.98	47.7	39.4	8.3	30.0958	30.195	29.981	.214	.1913	68.8	33.7	S.W.	22.87	4.8	10	0	36	0.01	.....	0.01	27
27	46.17	56.0	35.5	20.9	30.2287	30.290	30.166	.124	.1813	59.5	32.0	S.W.	19.92	0.0	0	0	97	.....	.....	.....	28
28	50.10	55.2	43.8	11.4	30.2760	30.317	30.242	.075	.2465	68.2	39.8	S.W.	11.08	7.8	10	5	24	0.00	.....	0.03	29
29	58.63	69.4	44.2	25.2	30.1225	30.237	29.992	.242	.3707	74.2	50.2	S.W.	18.21	0.8	4	0	66	.....	.....	.....	30
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
31	31
Means.....	57.80	66.24	49.36	16.88	30.1071	30.1924	30.0193	.1731	.3687	73.40	49.04	S. 63½ W.	14.61	3.71	7.8	2.4	59.23	1.15	.....	1.15	.....Sums.
23 Years means for and including this month.....	58.49	66.36	50.70	15.87	30.0144	.....	.....	.180	.3744	75.5	.....	.....	S 12.64	5.41	.....	.....	54.32	3.05	.....	.....	.....{ 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.....	1217	94	202	311	966	5459	679	1558	
Duration in hrs..	132	16	21	30	66	298	47	110	
Mean velocity....	9.22	5.88	9.62	10.37	14.64	18.35	14.87	14.16	

Greatest mileage in one hour was 33, on the 5th.

Greatest velocity in gusts 36 miles per hour on the 5th, 27th and 30th.

Resultant mileage, 5835.
Resultant direction, S. 63° J. W.
Total mileage, 10,516.
Average velocity, 14.61 m. p. h.

* Barometer readings reduced to sea-level and temperature 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 82° on the 10th; the greatest cold was 35° on the 28th, giving a range of temperature of 51.3 degrees.

Warmest day was the 10th. Coldest day was the 27th. Highest barometer reading was 30.421 on the 7th. Lowest barometer was 29.640 on the 26th giving a range of .781 inches. Maximum relative

humidity was 98 on the 13th. Minimum relative humidity was 40 on the 28th.

Rain fell on 18 days.

Lunar Coronas on 8 nights.

Thunder storms on 10th, 13th and 26th.