

# ABSTRACT FOR THE MONTH OF SEPTEMBER, 1892.

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 CLOUDY IN TENTHS.			Per cent. 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.					
1	55.85	62.3	49.2	13.1	30.0220	30.204	29.834	.370	.3127	70.2	46.2	S.W.	12.3	6.0	10	0	63	.....	.....	.....	1
2	53.27	60.8	44.7	16.1	30.3112	30.359	30.284	.075	.2632	65.2	41.0	S.W.	7.8	0.0	0	0	100	.....	.....	.....	2
3	62.87	75.5	48.8	26.7	30.2157	30.285	30.161	.124	.3928	68.5	51.7	S.W.	11.4	0.7	3	0	96	.....	.....	.....	3
SUNDAY.....	.....	78.8	58.0	20.8	.....	.....	.....	.....	.....	.....	.....	S.	8.1	.....	.....	.....	67	.....	.....	.....	4
5	66.32	77.7	58.2	19.5	29.8053	29.947	29.674	.273	.4865	76.3	58.3	S.	11.3	6.8	10	0	89	.....	.....	.....	5
6	54.93	61.8	49.2	12.6	29.9072	30.055	29.788	.267	.3490	80.3	48.8	S.W.	11.7	5.3	10	0	85	0.09	.....	0.09	6
7	52.75	61.3	47.5	13.8	30.1737	30.335	30.043	.292	.2988	75.0	45.0	W.	9.1	3.7	10	0	93	.....	.....	.....	7
8	52.00	61.5	42.0	19.5	30.3968	30.442	30.368	.074	.2945	73.5	44.7	S.W.	6.3	0.0	0	0	94	.....	.....	.....	8
9	58.32	69.6	47.7	21.9	30.3640	30.406	30.320	.086	.3300	68.5	47.5	S.W.	6.3	0.2	1	0	99	.....	.....	.....	9
10	60.33	71.3	50.2	21.1	30.2992	30.340	30.256	.084	.3947	76.0	52.2	E.	9.7	6.5	10	0	52	.....	.....	.....	10
SUNDAY.....	.....	70.4	58.2	12.2	.....	.....	.....	.....	.....	.....	.....	S.E.	15.5	.....	.....	.....	48	.....	.....	.....	11
12	64.38	73.8	55.0	18.2	30.0830	30.163	30.023	.140	.4633	77.8	56.8	S.E.	11.2	4.5	10	0	68	.....	.....	.....	12
13	65.40	72.5	60.9	11.6	29.9043	30.026	29.740	.286	.4725	76.2	57.3	S.W.	9.7	10.0	10	0	00	0.16	.....	0.16	13
14	62.30	70.2	61.5	8.7	29.6458	29.700	29.572	.128	.4732	81.8	57.2	S.W.	12.1	6.5	10	0	15	0.82	.....	0.82	14
15	57.93	64.3	54.3	10.0	29.7608	29.815	29.700	.115	.3745	78.0	51.0	S.W.	15.9	8.0	10	0	32	Inap.	.....	Inap.	15
16	54.83	60.9	49.0	11.9	29.9643	30.116	29.877	.239	.3038	70.8	45.5	S.W.	13.1	3.5	10	0	37	.....	.....	.....	16
17	55.75	63.2	46.5	16.7	30.1757	30.221	30.136	.085	.3163	72.0	46.3	S.W.	10.4	2.3	8	0	94	.....	.....	.....	17
SUNDAY.....	.....	72.2	48.7	23.5	.....	.....	.....	.....	.....	.....	.....	S.W.	23.3	.....	.....	.....	95	.....	.....	.....	18
19	53.47	66.3	47.6	18.7	30.0330	30.199	29.882	.317	.2940	71.5	44.2	N.W.	6.2	6.5	10	0	49	0.42	.....	0.42	19
20	51.37	59.8	43.5	16.3	30.3117	30.372	30.278	.096	.2612	68.8	41.5	S.W.	6.2	0.3	2	0	97	.....	.....	.....	20
21	54.83	65.3	43.3	22.0	30.2490	30.372	30.197	.176	.3267	77.0	47.3	S.W.	5.9	1.2	0	0	86	.....	.....	.....	21
22	59.50	69.7	52.3	17.4	30.2463	30.264	30.222	.041	.4225	83.0	54.2	S.W.	7.9	9.5	10	8	00	0.08	.....	0.08	22
23	63.60	69.2	59.3	9.9	30.3113	30.261	30.176	.085	.5422	92.0	61.3	S.W.	9.4	8.3	10	0	00	0.04	.....	0.04	23
24	66.78	73.2	62.0	11.2	30.1407	30.199	30.067	.132	.5923	90.5	63.7	S.W.	4.4	3.5	10	0	29	0.03	.....	0.03	24
SUNDAY.....	.....	73.5	60.2	13.3	.....	.....	.....	.....	.....	.....	.....	S.	7.6	.....	.....	.....	10	.....	.....	.....	25
26	54.77	68.5	50.2	18.3	29.4542	29.571	29.341	.230	.3632	83.8	49.7	S.W.	20.3	8.7	10	2	20	1.17	.....	1.17	26
27	51.68	57.2	45.1	12.1	29.6455	29.624	29.593	.051	.3182	82.2	46.3	S.W.	26.8	6.8	10	0	43	.....	.....	.....	27
28	53.77	58.5	48.6	9.9	29.9601	30.155	29.706	.249	.2502	59.8	42.7	S.W.	13.8	1.2	3	0	94	.....	.....	.....	28
29	44.50	52.2	39.3	12.9	30.3015	30.366	30.240	.126	.1815	62.3	31.7	S.W.	10.2	2.0	10	0	90	.....	.....	.....	29
30	59.60	70.0	43.3	26.7	30.0108	30.203	29.807	.396	.3583	67.5	48.8	S.W.	20.4	7.2	10	3	73	.....	.....	.....	30
..... Means	57.42	67.0	50.8	16.2	30.0613	.....	.....	.182	.3629	74.9	49.3	.....	12.1	4.6	.....	.....	62	2.92	.....	2.92	Suma .....
18 Years means for and including this month.....	58.66	66.77	50.96	15.81	30.0180	.....	.....	.178	.3824	75.1	.....	.....	.....	5.6	.....	.....	150.6	3.19	.....	3.19	18 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 .....	9	23	539	1001	1451	3943	709	1063	.....
Duration in hrs..	4	3	44	86	171	278	51	82	1
Mean velocity....	2.25	7.66	12.25	11.64	8.48	14.18	13.90	13.02	.....

Greatest mileage in one hour was 36 on the 27th.  
 Greatest velocity in gusts, 40 miles per hour on the 27th.  
 Resultant mileage, 5146.

Resultant direction, S. 85° W.  
 Total mileage, 5743.  
 Average velocity 12.1 m. per hour.

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

† Observed.

‡ Pressure of vapour in inches of mercury.

§ Humidity relative, saturation being 100.

¶ If years only.

The greatest heat was 78.8 on the 4th; the greatest cold was 39.3 on the 29th, giving a range of temperature of 39.5 degrees. Warmest day was the 4th. Coldest day was the 29th.

Highest barometer reading was 30.442 on the 8th; lowest barometer was 29.341 on the 26th, giving a range of 1.101 inches. Maximum relative humidity was 96 on the 24th and 25th. Minimum relative humidity was 45 on the 2nd and 29th

Rain fell on 10 days.

Auroras were observed on 3 nights.

Lunar halo on 1 night.

Thunderstorm on 1 day.