

ABSTRACT FOR THE MONTH OF SEPTEMBER, 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 (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.	Min.					
SUNDAY..... 1	...	75.9	55.1	20.8	...	...	...	...	...	...	N.E.	6.6	...	...	91	...	...	...	1	
2	67.92	77.5	55.1	22.4	30.1868	30.258	30.113	.145	.5007	74.2	58.8	S.	9.3	6.8	10	0	75	...	2		
3	69.32	79.2	59.5	19.7	30.0803	30.126	30.040	.036	.5373	76.7	61.0	S.	9.5	6.5	10	0	75	...	3		
4	70.70	82.1	60.4	21.7	30.0582	30.113	30.022	.091	.5732	77.0	62.8	S.E.	5.5	3.7	10	0	79	...	4		
5	70.32	77.0	62.9	14.1	29.9788	30.037	29.930	.107	.5493	75.0	61.5	S.	14.1	5.0	9	0	54	...	5		
6	64.35	72.0	57.1	14.9	30.0150	30.170	29.903	.267	.5142	85.0	59.7	S.W.	16.9	7.8	10	0	03	0.12	...	6	
7	61.53	65.9	54.0	12.9	30.1993	30.253	30.123	.130	.4537	83.5	56.0	E.	6.3	3.3	10	0	07	...	...	7
SUNDAY..... 8	...	73.4	58.1	15.3	...	...	...	...	...	...	...	1.9	...	...	77	...	...	...	8	
9	67.70	77.1	57.5	19.6	30.2428	30.284	30.208	.076	.4777	72.0	57.7	N.E.	9.3	0.0	0	0	98	...	...	9
10	68.03	78.8	60.1	18.7	30.2333	30.264	30.217	.047	.5310	78.7	60.7	N.E.	11.2	6.8	10	0	56	...	...	10
11	69.12	80.1	59.9	20.2	30.2030	30.260	30.164	.096	.5055	73.5	59.2	N.E.	13.1	0.8	5	0	88	...	...	11
12	68.97	80.4	58.4	22.0	30.1997	30.224	30.171	.053	.5168	74.0	59.7	N.E.	10.5	3.7	10	0	88	...	...	12
13	67.05	75.5	62.1	13.4	30.2153	30.273	30.151	.122	.4710	71.8	57.0	S.E.	8.8	8.7	10	0	05	...	...	13
14	69.83	78.7	60.3	18.4	30.1845	30.232	30.147	.085	.5680	76.8	62.2	S.E.	15.4	7.0	10	0	39	Inapp.	...	14	
SUNDAY..... 15	...	81.0	63.8	17.2	...	...	...	...	...	...	...	S.	15.7	...	...	75	...	...	15	
16	62.82	72.9	54.1	18.8	29.9733	30.069	29.910	.159	.5240	89.3	59.8	N.	14.0	S.3	10	0	00	0.74	...	16	
17	53.75	56.1	50.2	5.9	29.9817	30.061	29.867	.194	.3880	93.7	52.0	N.E.	7.7	10.0	10	10	00	0.85	...	17	
18	54.95	59.2	51.4	7.8	29.7963	29.811	29.776	.035	.3763	86.5	50.8	N.E.	12.2	7.0	10	0	10	1.06	...	18	
19	49.17	52.3	47.0	5.3	29.5155	29.782	29.376	.406	.3137	89.7	46.2	S.W.	18.2	8.8	10	5(2)	00	0.54	...	19	
20	51.32	54.0	47.5	6.5	29.3262	29.362	29.292	.070	.3473	91.7	49.0	S.	15.9	10.0	10	10	00	0.40	...	20	
21	49.02	53.0	45.5	7.5	29.4458	29.649	29.281	.368	.3068	87.5	45.3	S.W.	16.0	8.3	10	0	00	0.40	...	21	
SUNDAY..... 22	...	52.0	39.6	12.4	...	...	...	...	...	...	...	W.	22.9	...	10	...	40	Inapp.	...	22
23	48.80	57.1	38.6	18.5	30.0125	30.070	29.943	.127	.2113	62.3	35.8	W.	20.3	1.8	10	0	95	...	...	23
24	56.22	65.0	48.2	16.8	30.0550	30.096	30.025	.071	.2925	65.8	44.0	S.	9.0	2.0	10	0	53	...	...	24
25	59.40	71.2	45.7	25.5	30.0005	30.081	29.928	.153	.3418	70.3	48.2	S.	11.1	1.7	10	0	92	...	...	25
26	55.78	62.5	47.5	15.0	29.8337	29.882	29.792	.090	.3875	85.3	51.5	S.W.	20.0	9.3	10	6	00	0.23	...	26	
27	47.08	55.0	43.5	11.5	29.4225	29.993	29.857	.136	.2487	77.2	40.0	W.	14.7	8.0	10	0	49	0.05	...	27	
28	43.50	50.9	38.7	12.2	30.0630	30.133	30.028	.105	.2052	72.7	35.0	W.	14.3	5.2	10	0	30	0.07	...	28	
SUNDAY..... 29	...	48.5	37.7	10.8	...	...	...	...	...	...	...	W.	11.3	...	...	62	...	...	29	
30	51.70	62.0	40.6	21.4	29.8747	30.010	29.668	.342	.3517	90.0	48.5	S.	11.3	9.8	10	9	10	0.08	...	30	
..... Means.	59.93	67.58	52.00	15.57	29.9835	...	...	.142	.4197	79.21	52.9	.....	12.43	6.21	...	...	45.0	4.63	.....	Sums
15 yrs. means for & including this mo.	58.56	66.60	50.83	15.77	30.0065	.....	.....	.179	.3804	74.34	.....	.....	5.69	.....	.....	.....	54.4	3.33	.....	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.....	527	940	252	1301	1911	1751	2037	231	
Duration in hrs..	51	97	42	118	147	105	129	20	11
Mean velocity ...	10.3	9.7	6.0	11.0	13.0	16.7	15.8	11.6	

Greatest mileage in one hour was 32 on the 9th.
Resultant mileage, 3,155.

Resultant direction, S 30° W.
Total mileage, 8,950.

*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 82.1 on the 4th; the greatest cold was 37.7 on the 29th, giving a range of temperature of 44.4 degrees. Warmest day was

the 15th. Coldest day was the 29th. Highest barometer reading was 30.370 on the 1st; lowest barometer was 29.281 on the 21st; giving a range of 1.089 inches. Maximum relative humidity was 99 on the 17th. Minimum relative humidity was 39 on the 25th.

Rain fell on 14 days.

Aurora on 1 night.

Fog on 6 days.