

ABSTRACT FOR THE MONTH OF SEPTEMBER, 1894.

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	59.87	71.7	44.5	27.2	30.0082	30.103	29.912	.191	.3345	64.7	47.3	S.W.	16.4	6.3	10	0	46	Inap.	....	Inap.	1
SUNDAY.....2	.....	66.5	52.8	13.7	.....	.....	.....	...	...	...	...	S.W.	17.4	.....	.....	...	03	.....	.....	.....	2 SUNDAY
3	55.02	63.8	47.9	15.9	30.1868	30.253	30.102	.151	.3268	75.2	47.2	N. E.	12.1	10.0	10	10	24	.....	.....	.....	3
4	64.40	74.2	51.0	23.2	29.9993	30.097	29.910	.187	.4837	79.5	57.7	S.	14.3	5.7	10	0	00	0.15	.....	0.15	4
5	68.75	74.5	61.2	13.3	29.9808	30.069	29.917	.152	.5825	61.8	62.8	S.W.	17.5	5.5	10	0	00	0.10	.....	0.10	5
6	67.10	73.6	64.0	9.6	30.0933	30.214	30.040	.174	.4307	64.7	54.7	S.W.	14.8	5.8	10	0	42	.....	.....	.....	6
7	60.70	64.8	55.2	9.6	30.0467	30.079	29.948	.131	.4135	78.0	53.8	N. E.	10.5	6.3	10	0	50	.....	.....	.....	7
8	58.67	65.8	47.7	18.1	29.8913	30.070	29.762	.308	.4498	88.2	55.2	N. E.	16.8	8.3	10	0	00	0.29	.....	0.29	8
SUNDAY.....9	.....	75.7	61.8	13.9	.....	.....	.....	....	...	...	...	W.	14.0	...	...	...	61	0.01	.....	0.01	9 SUNDAY
10	63.75	75.4	54.3	21.1	29.6523	29.816	29.532	.284	.4935	81.0	57.7	S.W.	20.2	6.7	10	0	62	0.22	.....	0.22	10
11	54.15	61.1	49.0	11.5	29.9617	30.139	29.821	.318	.2966	71.5	44.7	W.	15.0	2.3	8	0	06	Inap.	.....	Inap.	11
12	55.52	63.8	45.2	18.6	30.3582	30.436	30.237	.199	.3118	70.0	45.5	S.W.	9.3	0.0	0	0	96	.....	.....	.....	12
13	60.32	69.5	47.0	22.5	30.4943	30.626	30.397	.229	.4168	79.2	53.3	S.E.	9.7	6.3	10	0	52	.....	.....	.....	13
14	58.95	62.3	57.0	5.3	30.2672	30.357	30.171	.186	.4687	93.7	57.2	S.	11.6	10.5	10	9	00	0.11	.....	0.11	14
15	62.85	70.4	56.9	13.5	30.0783	30.166	29.967	.199	.5302	92.3	60.5	S.E.	6.1	8.5	10	3	29	.....	.....	.....	15
SUNDAY.....16	.....	74.3	63.4	10.9	.....	.....	.....	....	...	...	...	S.W.	13.0	.....	...	...	07	0.07	.....	0.07	16 SUNDAY
17	63.27	71.3	53.1	18.2	30.0895	30.145	30.058	.087	.3997	70.5	52.7	S.W.	7.5	0.8	3	0	73	.....	.....	.....	17
18	63.72	71.5	55.9	15.6	30.0618	30.107	30.028	.079	.4412	76.0	55.7	N. E.	6.2	2.3	10	0	55	.....	.....	.....	18
19	60.92	67.5	53.6	13.9	30.0063	30.061	29.923	.138	.4265	79.7	54.2	N. E.	11.7	9.2	10	5	08	0.04	.....	0.04	19
20	60.22	64.9	56.2	8.7	29.7015	29.828	29.560	.268	.5000	95.8	59.0	N. E.	11.2	10.0	10	10	03	1.65	.....	1.65	20
21	64.23	71.3	56.1	15.2	29.8810	29.933	29.760	.164	.5110	85.8	59.3	S.W.	15.8	5.8	10	0	28	0.01	.....	0.01	21
22	67.07	78.5	57.6	20.9	29.9238	29.976	29.860	.116	.5273	79.7	60.0	S.W.	15.2	1.7	10	0	34	.....	.....	.....	22
SUNDAY.....23	.....	74.5	58.9	15.6	.....	.....	.....	....	...	...	...	S	18.1	.....	.....	...	42	0.04	.....	0.04	23 SUNDAY
24	54.03	64.1	48.6	15.5	29.9142	30.025	29.746	.279	.3455	82.5	48.8	S.W.	16.4	8.3	10	0	11	.....	.....	.....	24
25	45.57	51.7	40.0	11.7	30.2878	30.449	30.110	.339	.2473	80.8	39.7	N.W.	7.8	6.7	10	0	07	.....	.....	.....	25
26	45.38	55.2	35.0	18.2	30.4122	30.559	30.242	.317	.2597	84.5	40.8	S.E.	8.4	0.6	5	0	12	.....	.....	.....	26
27	54.30	63.8	40.8	23.0	30.1305	30.213	30.073	.140	.3147	74.7	46.0	S.	11.1	5.8	10	0	70	0.04	.....	0.04	27
28	58.60	69.2	47.0	22.2	30.0593	30.108	30.020	.088	.3940	81.2	52.2	S.W.	7.4	0.6	5	0	68	.....	.....	.....	28
29	63.82	73.4	54.3	19.1	.....	30.051	29.983	.068	.4667	79.0	56.7	S. W.	11.7	0.8	0	0	69	.....	.....	.....	29
SUNDAY.....30	.....	69.6	48.6	21.0	30.0265	.....	.....	.236	.....	...	...	S.E.	15.3	...	...	...	62	.....	.....	.....	30 SUNDAY
..... Means	59.65	68.40	52.17	16.22	30.0608	.....	.....	.192	.4141	79.6	52.91	S. 31° W.	12.7	5.4	...	...	33.6	2.73	.....	2.73	Sums
20 Years means for and including this month.....	58.52	66.64	50.81	15.83	30.0187	.....	.....	.179	.3811	75.4	...	.....	.....	5.6	...	...	153.3	.....	.....	.....	20 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.....	290	1105	152	1017	1462	3914	852	339	
Duration in hrs..	29	95	20	85	124	251	72	38	6
Mean velocity...	10.0	11.6	7.6	12.0	11.8	15.6	11.8	8.9	

Greatest mileage in one hour was 32 on the 2nd.
Greatest velocity in gusts 48 miles per hour, on the 23rd.

Resultant mileage, 4254.
Resultant direction, S. 31° W.
Total mileage, 9131.

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

† Observed.

† Pressure of vapour in inches of mercury.

† Humidity relative, saturation being 100.

† 13 years only.

The greatest heat was 78.5° on the 22nd; the greatest cold was 35.0° on the 26th, giving a range of temperature of 43.5 degrees.

Warmest day was the 5th. Coldest day was the 26th. Highest barometer reading was 30.626 on the

13th; lowest barometer was 29.532 on the 10th, giving a range of 1.094 inches. Maximum relative humidity was 99. on the 15th, 20th & 21st. Minimum relative humidity was 47 on the 1st.

Rain fell on 14 days.

Auroras were observed on 1 night.

Fog on 4 days.

Lightning on 5 days.

Severe thunderstorms on the 8th and 20th.

Heavy thunder on 3 days.

Extremely smoky atmosphere on the 2nd.