

# ABSTRACT FOR THE MONTH OF JUNE, 1902.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet. C. H. McLEOD, Superintendent.

DAY	THERMOMETER.				* BAROMETER.				† Mean relative humidity.	WIND.		Per cent. 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.					
SUNDAY..... 1	65.1	78.5	47.5	31.0	30.28	30.39	30.15	.24	68	E.	2.8	75	0.01	....	0.01	1.....SUNDAY
2	69.4	80.0	64.0	16.0	29.97	30.15	29.80	.35	86	W.	11.9	27	0.04	....	0.04	2
3	65.3	76.1	50.1	26.0	29.71	29.80	29.62	.18	86	W.	10.8	19	1.02	....	1.02	3
4	53.2	58.8	46.3	12.5	29.80	29.97	29.64	.33	85	N.E.	7.1	00	0.70	....	0.70	4
5	56.9	66.2	47.0	19.2	30.11	30.17	29.97	.20	52	N.	6.2	98	....	....	....	5
6	59.0	69.9	46.0	23.9	30.13	30.25	29.97	.28	66	N.	2.6	39	....	....	....	6
7	61.4	65.0	57.1	7.9	29.68	29.97	29.55	.42	88	S.W.	4.0	00	0.32	....	0.32	7
SUNDAY..... 8	53.8	64.5	48.0	16.5	29.63	29.78	29.53	.25	81	N.	12.0	00	0.32	....	0.32	8.....SUNDAY
9	53.7	65.0	41.0	24.0	29.81	29.91	29.72	.19	64	N.W.	17.4	90	0.04	....	0.04	9
10	56.6	61.5	48.0	13.5	29.66	29.87	29.51	.36	76	N.W.	14.9	27	0.40	....	0.40	10
11	53.3	61.5	42.8	18.7	29.84	29.96	29.68	.28	64	E.	3.2	75	0.19	....	0.19	11
12	56.3	64.1	49.9	14.2	29.79	29.87	29.67	.20	78	N.E.	3.1	24	....	....	....	12
13	60.8	67.3	53.5	13.8	29.81	29.90	29.77	.13	84	W.	7.9	13	0.04	....	0.04	13
14	68.2	78.0	56.0	22.0	29.99	30.08	29.90	.18	61	E.	4.0	89	....	....	....	14
SUNDAY..... 15	68.6	73.5	63.0	10.5	29.75	29.91	29.60	.31	84	S.E.	4.9	01	?	....	0.00	15.....SUNDAY
16	68.8	75.8	61.5	14.3	29.49	29.60	29.43	.17	86	N.W.	8.8	00	0.11	....	0.11	16
17	58.9	63.9	51.8	12.1	29.59	29.82	29.42	.40	67	N.W.	19.3	68	?	....	0.00	17
18	60.4	70.8	47.2	23.6	29.89	29.95	29.82	.13	61	N.W.	14.0	95	....	....	....	18
19	62.6	69.1	58.9	10.2	29.76	29.85	29.73	.12	76	W.	4.6	34	....	....	....	19
20	62.3	71.4	52.5	18.9	29.85	29.91	29.73	.18	66	N.W.	6.9	78	....	....	....	20
21	56.3	59.5	52.5	7.0	29.81	29.91	29.68	.23	90	N.E.	7.2	00	0.61	....	0.61	21
SUNDAY..... 22	56.7	64.8	48.0	16.8	29.88	29.92	29.85	.07	55	S.W.	10.0	86	....	....	....	22.....SUNDAY
23	54.6	61.3	50.0	11.3	29.90	29.94	29.87	.07	83	W.	14.4	25	0.13	....	0.13	23
24	56.9	65.7	50.5	15.2	29.87	29.92	29.83	.09	85	W.	14.8	64	0.34	....	0.34	24
25	61.0	71.0	49.8	21.2	29.78	29.90	29.56	.34	71	W.	13.3	91	....	....	....	25
26	59.4	68.4	51.5	16.9	29.32	29.56	29.19	.37	80	W.	21.2	34	1.37	....	1.37	26
27	57.5	65.5	49.2	16.3	29.52	29.74	29.39	.35	77	W.	23.9	15	0.04	....	0.04	27
28	61.2	68.2	52.2	16.0	29.87	29.95	29.74	.21	66	N. W.	17.9	93	....	....	....	28
SUNDAY..... 29	60.3	67.4	52.5	14.9	29.92	29.98	29.85	.13	72	N.	5.8	48	....	....	....	29.....SUNDAY
30	64.4	71.6	54.2	17.4	29.88	29.93	29.83	.10	72	W.	8.2	28	0.03	....	0.03	30
Means.....	60.11	68.14	51.41	16.73	29.810	29.93	29.70	.23	74.7	N. 58° W.	10.11	44.5	5.71	....	5.71	.....Sums.
28 Years means for and including this month.....	64.79	73.53	56.24	17.29	29.902	.....	.....	.156	70.4	....	12.93	54.5	3.61	....	3.61	28 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.....	586	489	291	210	153	286	2431	2834	
Duration in hrs..	86	70	59	34	35	52	193	191	
Mean velocity....	6.7	7.0	4.9	6.2	4.4	5.5	12.6	14.8	

Greatest mileage in one hour was 36 on the 26th.  
Greatest velocity in gusts was 30 on the 26th.

Resultant mileage, 4,560.  
Resultant direction, N. 58° W.

Total mileage, 7,280.

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

† Mean of bi-hourly readings taken from self-recording instruments.

‡ Humidity relative, saturation being 100. Mean of observations at 8, 15 and 20 hours.

§ 21 years only. ¶ 15 years only.

The greatest heat was 80.0 above zero on the 2nd; the greatest cold was 41.0 above zero on the 9th; giving a range of temperature of 39.0°.

Warmest day was the 2nd. Coldest day was the 4th.

Highest barometer reading was 30.99 on the 1st; lowest barometer was 29.19 on the 26th; giving a range of 1.20 inches.

Minimum relative humidity observed was 43 on the 14th.

Rain fell on 19 days.

Rainbow on the 8th, 17th and 26th.

Thunder and lightning on the 24th.

Hail on the 24th.