

# METEOROLOGICAL ABSTRACT FOR THE YEAR 1878.

MONTHLY RESULTS DERIVED FROM TRI-HOURLY OBSERVATIONS TAKEN AT MCGILL COLLEGE OBSERVATORY. HEIGHT ABOVE SEA LEVEL, 187 FEET.

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MONTH.	THERMOMETER.				* BAROMETER.				WIND.		Sky clouded per cent.	Rain and snow melted.	MONTH.	
	Mean.	Max.	Min.	Range.	Mean.	‡ Max.	Min.	Range.	Mean direction.	Mean velocity in m. per h.				
January.....	13.14	41.9	-17.8	59.7	30.0489	30.681	29.239	1.442	.0796	81.0	W.N.W.	11.04	70	3.35
February.....	22.06	45.0	-2.0	47.0	29.9734	30.344	29.634	0.710	.0935	72.2	W.N.W.	15.12	57	1.28
March.....	31.67	52.0	0.1	51.9	29.9506	30.616	29.244	1.412	.0935	71.7	W.N.W.	12.39	64	2.41
April.....	48.10	73.0	31.3	41.7	29.8229	30.233	29.288	0.965	.3751	79.0	N.E.	10.00	80	3.78
May.....	55.41	75.6	34.8	40.8	29.8578	30.239	29.484	0.755	.3102	69.6	W.	9.71	68	4.21
June.....	63.69	90.7	40.0	50.7	29.8765	30.260	28.617	0.638	.8803	63.6	W.S.W.	9.00	56	1.18
July.....	72.60	91.8	54.2	37.6	29.8961	30.229	29.345	0.884	.4920	62.2	W.	8.66	57	6.47
August.....	68.67	82.0	54.1	27.9	29.8263	30.144	29.381	0.763	.5238	75.0	S.W.	8.36	58	3.95
September.....	60.59	84.0	40.3	43.7	30.0562	30.521	29.534	0.987	.4451	75.3	S.	9.07	54	1.59
October.....	50.91	74.2	27.8	46.4	29.9385	30.410	29.441	0.969	.2983	77.8	S.S.W.	11.20	58	5.40
November.....	33.15	45.4	18.6	26.9	29.8688	30.496	28.971	1.525	.1592	82.3	W.N.W.	12.29	88	4.93
December.....	21.35	47.3	-1.2	48.5	29.8684	30.535	28.844	1.691	.0989	80.3	W.N.W.	13.73	81	5.94
Means.....	45.278	66.91	23.34	48.57	29.91637	.....	.....	1.0622	.27422	74.17	.....	10.877	65.9	.....

\* Barometer readings reduced to sea level, and to temperature of 32° Fahrenheit. † Pressure of vapor in inches of mercury. ‡ Humidity relative, saturation 100. § Observed. † Greatest heat was 91.8, on July 2nd; greatest cold was -17.8 on January 8th, giving a range of temperature for the year of 109.6 degrees. Greatest range of the thermometer in one month was 58.7 in January. The warmest day was July 2nd, the mean being 84.34. The coldest day was January 7th—mean temperature, 11.47. Highest barometer reading was 30.681, on January 8th; lowest was 28.844 on December 11th, giving a range for the year of 1.837 inches. Least relative humidity was 28 on July 5th. † Greatest mileage of wind in one hour during the year was 50 on January 23rd, when the maximum velocity was at the rate of 60 miles per hour. Mean direction of the wind, west.