

ABSTRACT FOR THE MONTH OF APRIL, 1879.

OF TRI-HOURLY METEOROLOGICAL OBSERVATIONS TAKEN AT MCGILL COLLEGE OBSERVATORY, HEIGHT ABOVE SEA LEVEL, 187 FEET

Day.	THERMOMETER.				BAROMETER.				Mean pressure of vapor.	Mean relative humidity.	WIND.		SKY CLOUDED IN TENTHS.			Rain and Snow melted.	Day
	Mean.	Max.	Min	Range	Mean.	Max.	Min.	Range			General direction.	Mean velocity in m. p. hour.	Mean	Max	Min.		
1	29.06	35.1	22.6	12.5	29.2210	29.350	29.115	.235	.1200	76.0	N. W.	24.0	9.6	10	7	0.55	1
2	22.34	29.1	15.2	13.9	29.4152	29.433	29.366	.127	.0826	70.0	W.	22.6	9.1	10	7	0.05	2
3	18.27	26.5	13.7	12.8	29.4555	29.490	29.423	.067	.0686	67.4	W.	17.6	9.9	10	9	0.06	3
4	18.66	25.0	8.5	16.5	29.5971	29.789	29.472	.3 7	.0700	70.0	W.	15.6	7.5	10	3	0.01	4
5	24.96	30.7	18.8	11.9	29.9216	30.004	29.802	.202	.0974	72.2	W.	14.7	9.1	10	2		5
Sunday 6	.....	38.8	24.4	14.4	.....	.....	.....	.....	.....	.....	W.	19.0	.....	.....	.....	.....	6 Sunday
7	34.60	40.0	27.4	12.6	29.7665	29.946	29.647	.299	.1246	68.4	W.	15.8	8.2	10	0		7
8	32.66	39.6	23.7	15.9	30.0221	30.084	29.971	.113	.1155	61.5	W.	17.4	2.0	10	0		8
9	36.99	49.4	30.2	19.2	29.9219	29.998	29.890	.103	.1396	63.4	W.	17.2	5.9	10	1		9
10	29.52	33.0	24.5	8.5	29.8916	30.011	29.717	.284	.1146	69.9	N. E.	14.5	9.2	10	5		10
11	31.60	33.6	28.6	5.0	29.7612	29.858	29.689	.169	.1322	74.1	N. E.	16.7	10.0	40	10	0.02	11
12	35.69	44.5	29.1	15.4	29.8880	29.868	29.800	.068	.1060	51.6	N. W.	14.5	6.0	10	6		12
Sunday 13	.....	42.0	26.0	16.0	.....	.....	.....	.....	.....	.....	S. W.	16.8	.....	.....	.....	.....	13 Sunday
14	34.07	42.0	26.1	15.9	29.7106	29.767	29.670	.097	.1210	63.2	W.	11.7	3.9	10	0		14
15	37.64	46.5	27.5	19.0	29.7464	29.802	29.704	.097	.1212	57.5	S. W.	5.7	7.4	10	0		15
16	40.17	46.6	35.1	11.5	29.8322	29.956	29.699	.257	.1474	59.1	N. W.	9.7	7.4	10	1		16
17	40.26	49.3	30.8	18.5	29.9891	30.035	29.950	.085	.1445	58.7	N. E.	7.6	4.5	9	1		17
18	47.60	41.8	32.9	8.9	29.7942	29.900	30.672	.237	.1349	60.2	N. E.	16.5	9.0	10	2		18
19	42.00	52.3	33.9	18.4	29.7038	29.748	30.666	.085	.1265	48.5	N.	17.6	4.7	10	0		19
Sunday 20	.....	55.9	35.5	20.4	.....	.....	.....	.....	.....	.....	W.	16.0	.....	.....	.....	.....	20 Sunday
21	48.29	60.1	40.1	20.0	30.1219	30.232	30.010	.222	.1293	37.7	W.	12.2	1.7	9	0		21
22	51.55	60.3	42.1	18.2	30.2360	30.333	30.071	.262	.1476	38.9	W.	9.6	7.0	10	0		22
23	49.87	58.0	39.5	18.5	30.1731	30.373	29.968	.405	.1700	41.5	N. W.	19.5	4.2	10	0		23
24	44.31	53.3	34.1	19.2	30.3340	30.457	30.178	.279	.1220	42.7	E.	8.7	4.5	10	0	Inapp.	24
25	47.71	53.8	42.1	11.7	29.9455	30.138	29.832	.303	.1859	56.7	S. E.	14.5	10.0	10	10	0.27	25
26	48.19	59.0	39.1	19.9	30.0137	30.070	29.867	.203	.2700	80.6	N. W.	4.7	5.5	10	0		26
Sunday 27	.....	60.9	43.8	17.1	.....	.....	.....	.....	.....	.....	S.	11.7	.....	.....	.....	.....	27 Sunday
28	56.52	65.8	49.6	16.2	29.8715	29.915	29.823	.089	.3581	78.0	S.	16.0	9.6	10	7	Inapp.	28
29	51.46	62.0	40.3	21.7	29.9992	30.053	29.957	.096	.2180	57.4	S. W.	9.5	1.2	4	0		29
30	51.41	65.5	42.1	23.4	29.7619	29.914	29.685	.229	.2704	71.6	N.	11.7	5.9	10	0	Inapp.	30
Means.....	38.289	46.68	30.91	15.77				.1902	.14797	61.65		14.61	6.65				

* Barometer readings reduced to sea-level and temperature of 32o Fahr. † Pressure of vapor in inches mercury. ‡ Humidity relative, saturation being 100. § Observed.

Mean temperature of month, 38.29 Mean of max. and min. temperatures, 38.79. Greatest heat was 65.8 on the 28th; greatest cold was 8.5 below zero on the 4th,—giving a range of temperature for the month of 57.3 degrees. Greatest range of the thermometer in one day was 23.4 on the 30th; least range was 5.0 degrees on the 11th. Mean range for the month was 15.77 degrees. Mean height of the barometer was 29.84779 Highest reading was 30.457 on the 24th; lowest reading was 29.115 on the 1st; giving a range of 1.342 in. Mean elastic force of vapor in the atmosphere was equal to .14796 in. of mercury. Mean relative humidity was 61.65. Maximum relative humidity was 95 on the 25th. Minimum relative humidity was 28 on the 22nd. Mean velocity of the wind 14.31 miles per hour; greatest mileage in one hour was 34 on the 1st; when the greatest velocity in gusts was equal to 44 miles per hour. Mean direction of the wind was W. N. W. Mean of sky clouded, 66 per cent. Rain fell on 5 days. Snow fell on 5 days, Rain or snow fell on 10 days. Total rainfall 0.27 in. Total snowfall 6.9 in. Total precipitation in inches of water 0.96.