

ABSTRACT FOR THE MONTH OF FEBRUARY 1875.

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

Day.	THERMOMETER.				BAROMETER.				† Mean Pressure of Vapour.	‡ Mean Relative Humidity.	WIND.		SKY CLOUDED IN TENTHS.			° Snow Melted.	Day.
	Mean.	Max.	Min.	Range.	Mean.	Max.	Min.	Range.			General direction	Mean Velocity in m. p. hours.	Mean.	Max.	Min.		
1	15.26	18.1	12.2	5.9	29.9461	30.091	29.819	.272	.0735	84.4	W.	16.4	8.6	10	4	0.06	1
2	22.01	28.2	15.2	13.0	30.2482	30.307	30.156	.151	.0739	77.1	W.	13.0	7.5	10	0		2
3	26.88	39.0	19.6	19.4	29.6994	30.123	29.303	.820	.1276	84.6	E.	14.1	8.7	10	0	0.12	3
4	7.26	27.8	-6.1	33.9	29.6415	29.982	29.508	.474	.0389	62.5	W.	30.1	3.6	10	0	0.01	4
5	2.75	9.0	-6.5	15.5	30.1817	30.252	30.070	.182	.0335	66.1	W.	21.0	3.1	10	0	Inappreciable	5
6	2.77	9.0	-12.4	22.2	30.2242	30.525	30.018	.507	.0412	76.9	W.	17.2	4.6	10	0	0.11	6
Sunday 7		-9.1	-21.3	12.2							N. W.	5.6					7 Sunday
8	-13.96	-3.3	-24.0	20.7	30.0189	30.238	29.919	.319	.0206	90.4	N. E.	9.1	2.7	8	0		8
9	-9.14	-3.3	-14.3	11.0	30.0542	30.286	29.927	.359	.0244	87.0	W.	24.3	3.0	8	0		9
10	-4.25	2.6	-11.3	13.9	30.4926	30.601	30.304	.297	.0262	73.5	S. W.	16.6	4.3	10	0		10
11	18.69	30.5	+0.9	29.6	29.7589	30.128	29.516	.612	.0986	90.4	S. W.	22.5	7.7	10	0	0.23	11
12	-3.59	14.0	-11.1	25.1	29.8841	30.094	29.692	.402	.0270	71.2	W.	22.7	2.0	8	0		12
13	-5.80	3.1	-12.0	15.1	30.0434	30.115	29.987	.129	.0239	71.7	W.	13.1	1.5	6	0		13
Sunday 14		+0.5	-9.5	10.0							W.	20.0					14 Sunday
15	-4.47	+0.7	-8.1	8.8	30.0331	30.158	29.955	.203	.0246	70.0	W.	30.0	7.5	10	2	Inappreciable	15
16	3.94	10.2	-5.5	15.7	30.1591	30.205	30.117	.088	.0382	72.2	W.	19.7	7.1	10	3		16
17	9.70	16.5	5.6	10.9	29.8874	30.098	29.715	.383	.0552	81.0	W.	16.5	6.3	10	0	0.03	17
18	-1.14	6.4	-6.5	12.9	30.1912	30.294	30.060	.235	.0286	69.6	W.	15.9	1.6	10	0		18
19	10.47	18.5	-0.5	19.0	29.9091	30.096	29.717	.379	.0559	75.7	S. E.	11.7	6.7	10	0	0.01	19
20	20.12	25.5	12.2	13.3	29.5007	29.677	29.340	.337	.1016	92.0	S. E.	6.2	10.0	10	10	0.39	20
Sunday 21		23.8	7.3	16.5							W.	15.6					21 Sunday
22	14.47	25.8	3.3	22.5	30.1564	30.331	29.867	.461	.0661	74.2	S. W.	13.5	10.0	10	0	0.01	22
23	24.21	28.5	19.2	9.3	30.0426	30.112	29.897	.215	.1194	91.5	N. E.	7.7	10.0	10	4	0.37	23
24	33.90	43.4	23.4	20.0	29.7526	29.969	29.612	.356	.1894	94.7	S. W.	14.4	9.2	10	10	0.13	24
25	24.56	40.5	17.1	23.4	29.6446	29.921	29.401	.520	.1235	92.2	N. E.	14.0	10.0	9	0	0.34	25
26	14.06	25.0	9.0	16.0	29.6869	29.913	29.511	.402	.0581	69.6	W.	30.2	2.0	10	0		26
27	7.80	13.0	2.2	10.8	29.8632	29.968	29.781	.187	.0405	65.9	W.	15.0	4.6				27
Sunday 28		8.4	-6.0	14.4							W.	21.7					28 Sunday
Means	9.44	16.18	-0.28	16.46	29.9592			3.455	.0630	78.54		17.06	5.93				

* Barometer reduced to Sea level and to temperature 32° Fah. † Pressure of Vapour in inches of Mercury. Humidity relative, saturation being 100. ° Ten inches of Snow is taken as equal to one inch of water.

Mean temperature for the month + 9.44 ; mean of maxima and minima temperature, 8.0 ; greatest heat was on the 24th, 43.4 ; greatest cold was on the 8th, 24 below zero ; giving a range of temperature of 67.4 degrees for the month. Greatest range of the thermometer in one day, was 53.9 degrees on the 4th ; least range, was 5.9 degrees on the 1st. Mean range for the month, 16.46. Number of days on which the thermometer was below zero, 15. Mean height of the barometer for month 29.9592 ; highest reading of barometer, 30.601, was on the 10th ; lowest reading, 29.303, was on the 3rd ; giving a range of 1,298 inches for the month. Mean elastic force of vapour in the atmosphere = 0.630 inches of mercury. Mean relative humidity, 78.54. Maximum relative humidity, was 100 on the 7th, 8th, 9th and 25th during clear and cloudy weather. Minimum relative humidity, was 45 on the 4th during fair weather. Mean velocity of wind, 17.06 miles per hour ; maximum velocity, 45 miles per hour on the 3rd ; prevailing wind from the West. Mean of sky clouded in tenths, 5.93. Snow fell on 12 days. Depth of snow fall during month, 12.9 inches, which is equal to 1.29 inches of water. Rain fell on three days ; depth of rain fall during month, 0.42. Total precipitation in inches of 1.71.