

MONTHLY METEOROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST,—DECEMBER, 1861.

Latitude—43 deg. 39.4 min. North. Longitude—5 h. 17 m. 33 s. West. Elevation above Lake Ontario, 108 feet.

Day	Barom. at temp. of 32°.			Temp. of the Air.			Excess of mean above			Tens. of Vapour.			Humidity of Air.			Direction of Wind.			Result. Direc-tion.	Velocity of Wind.			Rain in inches.	Snow in inches.
	6 A.M.	2 P.M.	10 P.M.	Mean.	6 A.M.	2 P.M.	10 P.M.	MEAN	Average	6 A.M.	2 P.M.	10 P.M.	6 A.M.	2 P.M.	10 P.M.	6 A.M.	2 P.M.	10 P.M.		6 A.M.	2 P.M.	10 P.M.		
1	29.525	29.320	—	—	27.0	25.4	—	—	—	—	—	—	—	—	—	—	—	—	—	0.2	2.5	1.91	1.87	3.0
2	29.564	29.643	—	29.589	16.5	25.0	17.0	19.98	-10.50	129	142	—	88	90	—	83	W b s	W n w	N 75 W	3.2	2.8	5.47	6.41	—
3	29.777	29.834	—	29.808	13.2	20.8	17.0	14.25	-15.83	92	106	—	83	69	—	83	N w b s	N w n	N 23 W	10.5	1.5	3.71	3.84	—
4	29.815	29.833	—	29.824	18.3	31.0	31.2	28.03	-1.75	903	148	152	94	83	—	85	W n w	W b s	S 42 W	4.0	15.2	9.93	10.23	—
5	29.841	29.845	—	29.822	30.6	38.3	36.7	34.63	+5.27	141	142	179	162	85	—	82	Cal. m.	Cal. m.	N 72 E	0.0	0.0	3.5	2.31	—
6	29.874	29.882	—	29.873	33.8	45.4	42.1	41.92	+12.85	202	253	249	237	94	—	83	N w b s	N w n	S 23 E	3.0	2.0	0.0	0.90	1.76
7	29.894	29.932	—	29.902	40.7	50.4	48.0	47.92	+10.25	278	299	329	299	81	—	94	N w b s	N w n	S 38 W	3.5	15.0	6.0	0.34	0.37
8	29.918	29.978	—	29.948	49.0	55.1	—	—	-3.26	399	—	—	—	91	—	—	S w	S w	S 38 W	0.4	1.0	0.5	0.42	0.67
9	29.956	29.959	—	29.957	44.3	44.3	46.1	44.60	+16.45	278	283	292	279	94	—	94	N w b s	N w n	S 64 E	0.4	1.8	5.0	0.26	0.77
10	29.920	29.900	—	29.910	45.0	52.9	54.4	48.45	+20.60	288	381	396	329	95	—	95	N w b s	N w n	N 73 W	1.2	10.6	16.6	10.30	14.03
11	29.974	29.924	—	29.949	32.0	28.4	20.1	26.23	-1.42	128	177	179	192	71	—	73	N w b s	N w n	N 49 W	23.2	16.5	0.0	9.70	10.33
12	29.964	29.914	—	29.939	24.8	35.6	31.6	30.68	+3.33	120	141	140	133	90	—	78	N w b s	N w n	N 54 W	1.5	9.8	7.0	6.41	6.50
13	29.928	29.906	—	29.917	32.0	40.1	33.4	35.15	+8.00	143	169	134	147	79	—	70	N w b s	N w n	S 55 W	7.5	6.5	1.6	4.29	4.35
14	29.705	29.664	—	29.684	36.3	43.5	36.0	37.75	+10.78	157	150	172	156	74	—	81	N w b s	N w n	N 76 W	5.0	4.8	8.6	5.79	7.04
15	29.913	29.958	—	29.935	38.1	34.9	—	—	-0.96	131	—	—	—	65	—	—	N w b s	N w n	N 60 W	5.8	7.6	0.0	5.48	6.40
16	29.990	29.920	—	29.955	38.1	50.0	40.7	42.45	+15.88	213	184	180	195	49	—	70	N w b s	N w n	N 38 W	12.7	20.5	7.0	9.18	12.46
17	29.866	29.795	—	29.830	30.2	38.5	37.0	35.78	+0.42	128	173	167	160	76	—	75	N w b s	N w n	S 12 E	6.0	6.6	4.5	2.80	7.14
18	29.616	29.776	—	29.696	34.2	43.2	30.9	35.67	+9.50	160	128	127	141	81	—	73	N w b s	N w n	N 54 W	7.8	11.5	4.5	3.05	6.85
19	29.690	29.748	—	29.719	37.8	47.2	41.7	41.78	+16.72	208	249	218	217	91	—	82	N w b s	N w n	N 34 W	3.3	6.6	10.5	8.56	10.83
20	29.607	29.803	—	29.705	20.8	21.2	16.1	21.95	-3.03	162	072	062	092	98	—	68	N w b s	N w n	N 44 W	23.5	21.5	15.0	13.27	15.04
21	29.057	29.066	—	29.061	12.5	22.1	13.2	16.48	-9.30	055	082	060	068	73	—	74	N w b s	N w n	S 66 W	5.0	11.0	0.0	0.38	0.26
22	29.037	29.879	—	29.457	15.4	27.1	—	—	-0.70	190	—	—	—	80	—	—	N w b s	N w n	N 60 E	10.0	7.0	9.2	7.68	8.52
23	29.271	29.906	—	29.589	25.0	26.2	21.2	23.73	-1.83	128	103	092	107	92	—	81	N w b s	N w n	N 22 W	13.4	15.4	21.0	15.62	16.71
24	29.664	29.712	—	29.688	16.0	16.5	6.5	11.68	-13.80	072	076	060	068	90	—	93	N w b s	N w n	N 23 W	5.0	12.0	7.2	7.01	7.61
25	29.833	29.840	—	29.836	11.8	24.8	—	—	-0.63	099	—	—	—	86	—	93	N w b s	N w n	N 78 E	10.4	15.0	13.0	8.40	9.49
26	29.736	29.845	—	29.790	28.0	34.3	35.6	33.03	+7.73	131	134	193	173	86	—	93	N w b s	N w n	S 15 W	7.5	9.5	15.0	5.41	14.29
27	29.623	29.871	—	29.747	28.7	25.2	20.5	24.02	-1.27	116	073	093	090	73	—	85	N w b s	N w n	N 64 E	23.5	36.0	5.6	18.33	20.27
28	29.177	29.105	—	29.141	10.7	19.4	24.4	18.22	-6.93	059	160	059	080	82	—	79	N w b s	N w n	N 88 E	4.5	2.4	8.6	4.75	6.53
29	29.735	29.709	—	29.722	27.3	29.1	—	—	-1.18	118	—	—	—	79	—	—	N w b s	N w n	N 66 W	9.4	1.0	8.0	3.72	6.15
30	29.833	29.916	—	29.874	23.4	30.7	23.3	27.22	+2.05	105	106	103	105	66	—	82	N w b s	N w n	N 76 W	10.2	5.0	0.0	3.38	5.24
31	29.869	29.892	—	29.880	33.1	39.2	38.0	36.60	+11.42	160	165	196	175	85	—	86	N w b s	N w n	S 42 W	10.5	8.5	12.6	3.54	8.56
32	29.753	29.727	—	29.740	29.1	34.3	34.3	32.31	+4.04	148	157	156	151	83	—	79	N w b s	N w n	S 42 W	7.45	9.41	7.10	7.96	9.50