MONTHLY METECROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST,—JANUARY, 1865.

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 Normal.	Tens. of Vapour.				Humidity of Air.				Direction of Wind.			Resul't. Direction.	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.	M'N		6 A.M.	2 P.M.	10 P.M.	M'N	6 A.M.	2 P.M.	10 P.M.	M'N	6 A.M.	2 P.M.	10 P.M.		6 A.M.	2 P.M.	10 P.M.	Resul't.	M'N		
					°	°	°	°	°												°							
1	29.820	29.776	—	—	5.3	17.6	—	—	—	.052	.076	—	—	.92	.79	—	—	N N E	Calm.	sw b w	S 66 W	1.8	0.0	12 5	7.07	8.33	...	Inp.
2	.606	.687	29.850	29.7280	21.5	28.4	19.0	21.65	— 3.55	.104	.084	.085	.086	.89	.53	.83	.74	S W b W	W b N	W N W	S 87 W	14.4	14.2	4 5	7.05	7.37	...	Inp.
3	.841	.687	.612	.7058	9.3	25.5	24.8	19.32	— 5.83	.056	.111	.105	.088	.84	.81	.79	.80	W N W	Calm.	W S W	S 83 W	1.5	0.0	6.5	4.90	5.38	...	Inp.
4	.673	.885	.836	.8185	20.5	14.3	7.1	13.53	—11.60	.074	.052	.053	.058	.67	.63	.88	.73	W N W	N N W	N W	N 43 W	19.5	13.0	1.3	7.16	10.01	...	0.1
5	.657	.436	.493	.5263	25.5	34.9	35.6	32.55	+ 7.42	.118	.132	.179	.144	.86	.65	.85	.77	S b E	S W b S	S S W	S 34 W	11.0	19.0	8 5	9.44	9.70	...	...
6	.519	.548	.484	.5155	35.2	30.2	22.3	28.33	+ 3.20	.183	.120	.094	122	.89	.71	.78	.77	S W b W	N b E	N	N 2 W	3.5	9.0	15.0	11.82	11.99	...	...
7	.456	.735	30.034	.7653	5.3	9.6	3.5	5.90	—19.23	.046	.053	.040	.046	.92	.77	.75	.79	N b W	N N W	N b W	N 12 W	22 7	16.0	19.8	13.02	13.18	...	Inp.
8	30.090	.973	—	—	2.1	19.4	—	—	—	.039	.080	—	—	.80	.76	—	—	N b E	S S E	S S W	S 14 W	4.0	10.0	13.0	6.04	7.92	...	0.7
9	29.771	.761	29.781	.7703	27.3	32.7	29.1	29.25	+ 4.12	.139	.135	.148	.139	.94	.73	.92	.86	S W b S	S W b W	Calm.	S 30 W	13.5	4.5	0.0	4.63	5.71	...	1.5
10	.593	.319	.379	.4250	26.9	19.0	9.6	17.62	— 7.43	.131	.085	.053	.087	.89	.82	.77	.84	N E b N	N b E	N W b N	N 9 W	10.2	20.0	20.5	16.59	17.85	...	7.0
11	.550	.566	.615	.5897	2.4	16.5	19.4	12.35	—12.70	.047	.083	.087	.069	.96	.90	.83	.87	N W	S W b W	W S W	S 58 W	1.2	13.0	11.0	9.62	9.87	...	...
12	.644	.545	.589	.5943	22.3	27.0	28.4	25.52	+ 0.43	.107	.100	.119	.110	.89	.68	.76	.80	S W	S W	S W b W	S 53 W	15.0	19.8	9.0	12.77	12.87	...	...
13	.055	.543	.346	.4923	24.8	33.1	33.8	30.45	+ 5.37	.112	.145	.182	.146	.84	.76	.93	.85	S W b W	S W	S W b S	S 41 W	1.0	3.0	7.7	3 96	3.99	...	2.0
14	.114	.318	.446	.3085	31.3	17.6	11.4	18.47	— 6.63	.166	.081	.062	.089	.95	.65	.85	.83	W S W	N W b N	W N W	N 39 W	3.0	21.5	5.0	8.82	9.49	...	0.5
15	.449	.306	—	—	12.9	16.8	—	—	—	.069	.075	—	—	.89	.78	—	—	W N W	N	N	N 16 W	2.0	4.0	6.0	5.24	5.53	...	0.2
16	.423	.331	.268	.3303	— 1.2	12.5	9.6	6.85	—18.15	.034	.067	.059	.053	.81	.88	.89	.85	N N W	S W b W	W N W	N 84 W	1.5	15.0	1.2	3.70	7.17	...	0.4
17	.177	.227	.416	.2893	5.3	6.4	— 6.2	1.77	—23.25	.048	.044	.032	.041	.87	.75	.96	.85	N E b N	N	N N W	N 14 W	10.0	9.2	4.0	7.42	7.89	...	1.0
18	.546	.631	.727	.6457	— 3.7	10.7	8.9	5.25	—19.72	.036	.047	.055	.045	.97	.65	.84	.81	W b N	W S W	S W b W	S 66 W	5.5	18.0	10.8	12 01	12.18	...	...
19	.744	.675	.717	.7202	10.7	15.4	11.4	11.90	—12.98	.064	.064	.062	.062	.92	.72	.85	.84	W b S	W S W	W b S	S 78 W	7.8	7.2	1.0	5.03	5.26	...	...
20	.833	.929	.686	.8028	11.1	21.5	24.4	17.33	— 7.22	.060	.088	.096	.079	.87	.77	.73	.79	W N W	S W b S	E S E	S 65 E	2.0	6.8	11.2	4 49	6 33	...	...
21	.805	.651	.591	.6742	24.8	25.5	25.2	24.98	+ 0.20	.105	.104	.122	.111	.79	.75	.94	.83	R b S	E b N	E N E	N 79 E	19.0	19.5	9.8	13.36	13.91	...	...
22	.541	.383	—	—	25.3	31.6	—	—	—	.116	.170	—	—	.93	.96	—	—	N E	E b N	E b N	N 30 E	9.0	7.0	1.5	1.36	7.03	0.440	1.0
23	.349	.284	.287	.3083	30.9	29.1	23.0	27.48	+ 2.82	.157	.141	.093	.131	.90	.87	.75	.85	W N W	N N W	W b N	N 66 W	10.0	3.0	15.5	8.37	9.89	...	0.2
24	.295	.281	.322	.3039	16.8	21.5	16 8	17.92	— 6.65	.073	.082	.080	.076	.78	.71	.85	.77	W S W	W b S	W S W	S 70 W	13.8	24.0	19.0	18.09	18.13	...	...
25	.347	.371	.381	.3713	11.8	12.9	11.8	11.92	—12.67	.058	.057	.063	.058	.77	.73	.86	.77	S W b W	W S W	S W b W	S 55 W	17.0	16.0	12.0	16.09	16.16	...	...
26	.347	.371	.429	.3813	12.9	12.5	6.9	10.42	—14.07	.063	.055	.050	.057	.80	.73	.84	.82	S W b W	S W b W	W S W	S 65 W	12.0	11.5	12.4	13.15	13.23	...	0.1
27	.424	.419	.485	.4437	3.9	11.4	6.4	7.42	—16.93	.045	.062	.044	.049	.86	.85	.75	.80	W b S	W S W	W	S 84 W	8.0	8.5	11.5	10.39	10.52	...	...
28	.513	.581	.740	.6310	7.5	20.1	22.6	16.92	— 7.38	.054	.085	.103	.081	.89	.78	.85	.82	N W	N W	N W	N 44 W	8.8	16 0	6.5	9.90	10.28	...	0.1
29	.903	.991	—	—	12.9	21.2	—	—	—	.057	.079	—	—	.73	.70	—	—	N W	W N W	N	N 39 W	1.8	8.5	3.5	4.86	5.23	...	...
30	30.167	30.133	30·071	30 1212	7.1	25.9	18.3	17.70	— 0.40	.048	.113	.087	.085	.79	.81	.87	.84	N b W	S W	W S W	S 56 W	0.5	7.5	7.2	4.33	4.49	...	...
31	29.989	29.938	29.956	29.9497	21.9	31.3	31.3	28.49	+ 4.42	.105	.144	.136	.132	.89	.81	.77	.84	S W b W	W S W	W S W	S 63 W	7.5	10.8	3.6	4 27	4.31	...	Inp.
M	29.5785	29.5712	29.6073	29.5886	15.85	20.98	17.48	17.79	— 7.05	.086	.089	.088	.086	.86	.75	.83	.81					8.02	11.47	8.43		9.39	0.440	14.8