MONTHLY METEOROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST,—MARCH, 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 Average	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'E'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 AM.	2 P.M.	10 P.M.	Result'.	M'E'N		
					°	°	°	°	°												°							
1	29.542	29.568	29.496	29.5445	41.7	42.6	36.7	39.72	+14.50	.218	.206	.204	.206	.82	.75	.95	.85	w b N	s w	E b N	N 50 W	8.0	1.8	3.0	0.42	2.60	0.007	...
2	.477	.336	.242	.3387	36.0	39.2	36.0	37.42	+12.00	.196	.216	.206	.209	.93	.90	.97	.93	N b w	Ca m.	N	N 35 W	2.0	0.0	0.5	0.48	1.81	0.080	...
3	.111	.141	—	—	43.2	42.8	—	—	—	.278	.268	—	—	.99	.98	—	—	W	N W b N	S W b W	S 85 W	2.0	11.2	7.0	5.47	6.85	0.170	...
4	.303	.316	.532	.4027	33·1	34.0	23.3	29.35	+ 3.35	.160	.084	.088	.109	.85	.42	.70	.66	S W b S	W b N	W	S 85 W	12.0	34.5	27.5	15.27	17.25	...	2.5
5	.603	.648	.672	.6518	16.5	22.8	21.5	19.55	— 6.65	.082	.060	.109	.080	.90	.50	.93	.76	W	W	S W b W	S 80 W	5.8	21.4	15.5	16.81	17.83	...	0·1
6	.435	.471	.787	.5820	22.3	24.4	6.8	17.47	— 9.03	.100	.061	.045	.068	.83	.46	.45	.68	S W b W	W N W	N N W	N 55 W	15.5	32.2	17.6	21.27	22.62	...	0·2
7	30.060	30.103	30.024	30.0553	-2.6	9.3	16.1	8.20	—18.62	.033	.062	.074	.055	.87	.93	.83	.84	N W b N	W N W	S E b S	S 74 E	8.5	3.5	6.6	1.72	6.61	...	...
8	29.763	29.411	29.331	.4817	24.4	34.7	38.5	33.12	+ 5.88	.103	.145	.182	.149	.78	.73	.78	.77	E S E	E b N	N W	N 44 E	11.5	12.8	10.5	2.45	9.70	0.050	0·2
9	.341	.307	.283	.3128	32.7	38.8	34.2	34.63	+ 7.12	.172	.161	.168	.162	.92	.67	.85	.81	S W	W b S	S W	N 87 W	5.8	7.2	9.6	8.45	9.69	...	0·1
10	.519	.748	—	—	24.8	21.5	—	—	—	.126	.075	—	—	.95	.66	—	—	N N W	N W b N	N W b N	N 33 W	16.0	20.0	14.0	14.30	14.54	...	...
11	.930	.842	.606	.7950	9.3	32.0	31.6	24.90	— 3.33	.056	.143	.148	.116	.84	.79	.83	.81	W N W	S W b S	S W	S 55 W	4.5	14.0	18.0	13.36	14.23	...	Inp.
12	.597	.688	.622	.6388	32.0	28.0	25.5	27.40	— 1.15	.158	.082	.118	.111	.87	.53	.86	.74	W	E b N	E	N 51 E	7.0	10.2	17.5	8.38	11.61	...	1.0
13	.576	.785	.928	.7702	19.0	25.5	19.0	21.35	— 7.62	.091	.090	.091	.091	.89	.65	.89	.80	N W b N	N N W	N	N 10 W	9.2	15.4	10.2	9.24	10.92	...	...
14	.903	.815	.777	.8253	17.2	25.1	18.3	20.38	— 8.03	.081	.094	.080	.088	.85	.69	.81	.79	N E	E b S	W N W	N 45 E	9.0	7.4	5.0	2.96	5.18	...	0.2
15	.773	.688	.546	.6578	16.5	33.4	29.5	26.77	— 2.95	.083	.134	.136	.119	.90	.70	.83	.81	N W b W	S b E	S W	S 11 W	3.5	2.4	2.0	3.37	3.88	...	...
16	.330	.154	414	.3187	25.2	38.3	22.6	28.12	— 1.92	118	.168	.089	.122	.87	.72	.72	.74	S W b S	S E b E	N W b W	N 56 W	0.5	0.5	33.0	13.30	15.81	...	...
17	.779	.936	—	—	1.0	8.2	—	—	—	.036	.035	—	—	.76	.54	—	—	N W b N	N N W	N W b N	N 30 W	27.0	15.8	9.0	13.65	13.79	...	...
18	30.176	30.130	30.036	30.1087	-4.1	7.1	6.0	3.48	—27.37	.028	.042	.047	.041	.80	.68	.80	.77	N b E	E b N	N N E	N 38 E	6.5	3.4	6.0	6.26	6.70	...	...
19	30.000	29.955	29.926	29.9550	2.1	18.3	15.8	12.77	—18.50	.045	.062	.072	.059	.91	.61	.80	.75	N N E	E N E	N N E	N 49 E	9.0	5.8	2.5	4.87	5.23	...	...
20	29.855	.679	.504	.6617	12.9	25.9	24.1	22.20	— 9.47	.063	.091	.114	.098	.80	.66	.87	.81	N N E	E	E N E	N 67 E	3.5	18.2	10.2	7.96	11.16	...	2.0
21	.515	.585	.713	.6092	20.8	30.2	24.4	25.32	— 6.77	.103	.131	.110	.113	.92	.78	.84	.83	W	N N W	N W	N 34 W	4.8	14.2	6.8	9.47	10.02	...	0.5
22	.780	.742	.688	.7222	23.3	36.7	28.4	30.37	— 2.12	.103	.164	.126	.131	.82	.75	.81	.77	N W b W	S W b S	Calm.	N 61 W	10.0	5.0	0.0	2.11	3.61	...	...
23	.490	.145	.190	.2652	32.7	37.4	33.8	34.47	+ 1.68	.173	.213	.145	.178	.92	.95	.75	.88	E	E	W S W	S 55 W	4.0	6.5	29.5	9.03	13.17	0.210	Inp.
24	.319	.660	—	—	28.4	27.3	—	—	—	.119	.111	—	—	.76	.74	—	—	W S W	W b N	S W b W	N 76 W	25.2	31.5	3.0	14.07	15.55	...	0.1
25	.858	.582	.534	.6382	30·9	37.4	39.6	36.18	+ 2.62	.164	.143	.237	.183	.95	.64	.97	.85	S b E	E N E	N b E	N 81 E	8.0	8.5	0.5	4.22	5.65	0.468	...
26	.386	.278	.254	.2942	30.9	41.0	36.0	38.97	+ 4.98	.241	.237	.206	227	.98	.92	.97	.95	E	N N E	E	N 74 E	6.8	4.0	16.2	6.77	8.56	0.865	...
27	.097	.226	.568	.3135	37.0	41.0	32.7	37.22	+ 2.80	.209	.200	.150	.190	.95	.78	.80	.84	S E b S	S W b W	W	S 82 W	3.2	14.5	21.0	17.25	18.71	...	Inp.
28	.762	.873	.858	.8440	26.3	34.9	33.8	32.02	— 2·70	.123	.139	.166	.140	.86	.68	.85	.77	N W b W	W b S	Calm.	N 77 W	21.0	12.8	0.0	3.24	8.73	...	...
29	.69±	.44±	—	—	33.4	36.0	—	—	—	.163	.196	—	—	.85	.93	—	—	E	E b N	N E b E	N 47 E	19.0	4.2	5.0	5.62	11.12	0.275	...
30	.286	.744	30.019	.7197	34.2	33.8	28.7	31.63	— 3.87	.160	.136	.130	.138	.81	.70	.83	.78	N W b W	N W b N	Calm.	N 41 W	28.8	23.5	0.0	13.36	13.87	...	0.2
31	30.104	30.160	—	—	28.7	32.4	—	—	—	.123	.138	—	—	.77	.75	—	—	E N E	S E b E	E	S 89 E	2.2	8.5	12.0	10.29	10.45	...	...
M	29.6357	29.6028	29.6220	29.6206	23.17	30.87	26.52	26.92	— 3.46	.123	.131	.130	.127	.87	.70	.84	.80					9.67	12.19	10.30		10.56	2.125	7.1