

MONTHLY METEOROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST, -JANUARY, 1864.

Latitude—43 deg. 30.4 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.			Result. Direc-tion.	Velocity of Wind.			Rain in inches.	Snow in inches.			
	Mean.			6 A.M.			10 P.M.			6 A.M.			10 P.M.			6 A.M.				10 P.M.							
	5 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.	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	29.017	29.239	29.552	33.1	8.2	5.5	0.77	-15.45	.167	.022	.024	.071	.88	.82	.70	.78	S W	S W	S W	24.5	30.2	27.4	28.10	28.37	0.2		
2	29.648	7.40	.808	7.372	6.6	0.5	-2.40	-27.60	.025	.035	.032	.81	.84	.84	.81	.83	W S W	W S W	W S W	27.5	30.5	22.2	24.22	24.29	..		
3	805	7.29	..	..	2.8	12.5	..	..	.042	.062	..	..	..	..	..	..	W S W	W S W	W S W	17.0	17.5	15.0	15.54	15.57	..	
4	835	8.27	7.56	..	10.7	14.7	11.1	12.52	-12.62	.031	.067	.060	.82	.80	.83	.83	W S W	W S W	W S W	4.5	1.5	5.2	3.11	4.71	2.0		
5	456	..	..	..	13.2	15.8	16.5	15.37	-9.77	.071	.078	.076	.85	.83	.87	.87	W S W	W S W	W S W	11.5	1.0	13.5	7.53	10.72	3.0	
6	781	8.50	80.005	..	15.1	15.1	12.47	..	-12.63	.071	.062	.060	.91	.71	.83	.81	W S W	W S W	W S W	13.0	17.2	8.5	7.32	9.93	..		
7	30.102	30.001	29.803	..	2.8	15.4	11.8	9.49	-15.73	.043	.070	.063	.83	.81	.86	.82	W S W	W S W	W S W	1.8	5.0	10.6	3.84	4.33	Imp.		
8	20.729	29.611	.403	..	8.6	12.0	11.4	11.08	-14.03	.053	.063	.062	.82	.86	.85	.84	W S W	W S W	W S W	0.0	10.0	17.6	10.23	10.81	Imp.		
9	559	5.19	.491	..	5.160	7.5	8.2	14.3	9.95	-15.15	.051	.052	.071	.060	.82	.85	.86	W S W	W S W	W S W	20.5	17.8	17.6	17.38	17.48	..	
10	532	5.98	..	..	13.6	17.6	..	..	..	.017	.076	..	..	..	..	..	W S W	W S W	W S W	18.8	10.6	11.0	13.88	13.90	..	
11	507	4.13	.458	..	15.0	10.0	17.0	16.95	-8.10	.075	.072	.072	.87	.70	.74	.78	W S W	W S W	W S W	12.8	16.8	7.5	11.87	12.00	..		
12	383	1.92	.185	..	2.460	20.8	20.8	30.27	4.22	-2.33	.090	.133	.157	.116	.81	.86	W S W	W S W	W S W	17.2	20.5	8.4	12.93	13.06	..		
13	245	2.21	.497	..	3.093	27.1	31.0	27.0	29.83	-4.75	.133	.151	.121	.133	.82	.75	.82	W S W	W S W	W S W	12.0	10.5	3.4	7.82	8.21	..	
14	513	4.62	.451	..	4.723	21.5	33.8	34.5	30.58	-4.48	.093	.152	.181	.131	.82	.78	.91	W S W	W S W	W S W	0.5	9.0	3.0	3.68	4.07	2.0	
15	392	3.12	.618	..	4.300	33.4	30.0	23.0	23.37	-3.27	.171	.141	.092	.128	.80	.81	.73	W S W	W S W	W S W	3.5	17.5	16.0	10.01	11.67	3.0	
16	788	7.76	.766	..	7.748	10.0	27.7	24.4	25.02	-0.62	.083	.166	.103	.103	.82	.68	.75	W S W	W S W	W S W	13.0	13.0	3.4	6.06	6.69	..	
17	714	6.19	..	..	25.4	36.7	..	..	..	..	.131	.171	..	..	..	..	..	..	..	0.2	13.0	3.4	5.67	5.61	..	
18	700	6.69	.351	..	6.152	35.4	33.1	28.0	31.22	-6.25	.163	.145	.130	.140	.85	.76	.90	W S W	W S W	W S W	8.5	6.5	5.5	5.66	5.61	..	
19	361	28.910	1.81	..	1.563	27.1	27.3	21.5	25.37	-0.18	.141	.133	.102	.121	.87	.80	.85	W S W	W S W	W S W	16.0	10.5	16.0	10.15	10.33	..	
20	501	29.713	.888	..	7.308	27.1	23.5	17.6	19.87	-5.48	.083	.104	.076	.086	.87	.75	.78	W S W	W S W	W S W	13.5	27.5	29.5	21.54	24.78	10.0	
21	30.010	9.88	.919	..	9.678	8.2	23.7	25.1	18.05	-5.83	.052	.103	.116	.092	.82	.82	.84	W S W	W S W	W S W	4.5	0.0	11.5	6.14	6.91	..	
22	29.740	6.76	.768	..	7.237	20.5	32.4	21.9	27.85	-3.08	.153	.163	.039	.135	.92	.83	.84	W S W	W S W	W S W	18.0	17.0	5.0	9.14	9.25	..	
23	736	3.97	.339	..	4.793	20.8	36.3	30.0	33.45	-8.78	.163	.103	.292	.168	.92	.90	.83	W S W	W S W	W S W	0.0	9.5	5.5	4.0	5.21	..	
24	282	1.27	..	..	35.6	41.4	..	..	..	..	.187	.196	..	..	..	..	..	..	..	3.5	5.0	4.0	5.21	5.37	..	
25	236	3.53	.084	..	2.353	36.6	38.5	36.3	34.00	-10.32	.152	.173	.193	.170	.89	.74	.90	W S W	W S W	W S W	7.2	6.2	6.2	2.91	6.08	..	
26	185	4.01	.430	..	3.728	35.1	36.0	31.9	36.02	-11.53	.179	.137	.162	.177	.65	.80	.76	W S W	W S W	W S W	4.8	6.0	2.5	3.37	5.37	..	
27	325	4.66	.603	..	5.007	32.7	41.7	34.2	36.35	-12.03	.173	.184	.160	.168	.92	.69	.81	W S W	W S W	W S W	1.5	0.0	2.5	1.28	1.49	..	
28	638	5.72	.721	..	6.502	28.4	42.5	41.0	36.82	-12.52	.133	.199	.200	.174	.86	.73	.78	W S W	W S W	W S W	2.5	0.0	0.6	3.61	4.23	..	
29	810	1.69	.946	..	9.963	36.3	29.8	24.8	29.85	-6.65	.163	.096	.120	.125	.78	.68	.90	W S W	W S W	W S W	7.0	10.2	11.4	9.63	9.77	0.09	
30	599	6.62	.763	..	7.283	29.1	24.0	23.0	27.13	-3.03	.193	.148	.139	.133	.86	.92	.90	W S W	W S W	W S W	15.0	15.0	7.0	8.46	8.78	1.0	
31	838	8.77	..	..	..	27.3	30.0	..	..	..	.139	.157	..	..	.94	.90	..	..	..	4.0	4.0	17.5	11.35	11.54	0.930	
M	29.5735	29.5601	29.6108	29.5872	1.0025	15.25	15.25	34.22	7.0	-2.01	.108	.116	.110	.110	.86	.78	.83	10.26	11.72	8.58	..	10.221	1.652	6.3