MONTHLY METEOROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST—APRIL, 1859.

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

Days.	Barom. at temp. of 32°.				Temp. of the Air.				Excess of mean above Average	Tens. of Vapour.				Humidity of Air.				Direction of Wind.			Resultant 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	10PM	ME'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	10PM	Resul't.	ME'N		
					°	°	°	°	°																			
1	29.852	29.800	29.841	29.8370	27.7	40.7	33.5	34.70	— 1.53	.135	.153	.162	.150	.89	.60	.84	.75	N b W	E b S	N b E	N 49 E	0.4	8.2	5.5	4.68	6.05	.....	...
2	803	.715	.342	.5868	33.2	35.3	36.6	35.35	— 1.28	.129	.113	.142	.126	.68	.54	.66	.61	N N E	E	E b N	N 78 E	7.4	12.8	19.8	16.03	16.13	0.055	Inap
3	.030	.120	—	—	36.8	44.4	—	—	—	.162	.201	—	—	.74	.68	—	—	W	W b S	W b S	S 75 W	7.0	29.7	23.0	19.85	20.78	Inap	...
4	.230	.340	.434	.3375	30.1	31.0	29.9	30.27	— 7.07	.137	.075	.095	.101	.81	.42	.57	.59	W	W N W	W	N 78 W	20.4	25.5	10.5	16.91	17.07	.....	0.3
5	.406	.361	.468	.4185	28.3	31.0	29.9	29.13	— 8.58	.115	.089	.117	.103	.81	.51	.70	.64	N W b W	W b N	W b S	N 74 W	6.2	22.5	19.8	13.90	14.32	.....	0.2
6	.496	.502	.540	.5147	29.2	38.9	35.3	34.22	— 3.82	.113	.092	.139	.116	.70	.39	.67	.60	W b S	N W b W	W S W	N 85 W	8.4	18.2	9.2	9.96	10.22	.....	Inap
7	.482	.357	.517	.4552	32.4	43.3	35.9	37.53	— 1.03	.157	.207	.163	.171	.85	.74	.77	.76	W S W	W b N	W	S 88 W	0.4	19.8	15.5	9.08	11.12	0.085	0.3
8	.586	.664	.905	.7295	31.0	36.1	27.4	31.50	— 7.22	.140	.125	.095	.108	.80	.58	.63	.61	N W b W	N W b N	N N W	N 45 W	10.2	24.8	4.4	14.64	15.13	.....	...
9	30.020	.936	.878	.9563	23.9	35.3	34 2	31.35	— 7.18	.109	.105	.139	.112	.85	.51	.71	.63	N N W	S	E	S 71 E	4.4	10.2	6.6	4.66	8.53	.....	...
10	29.750	.635	—	—	34.2	36.1	—	—	—	.152	.129	—	—	.77	.60	—	—	E b N	E b N	E b N	N 78 E	20.0	19.6	20 0	21.28	21.30	1.145	...
11	.050	.056	.274	.1317	37.1	44.7	42.2	41.20	+ 1.47	.217	.273	.257	.238	.98	.92	.95	.92	E b N	E N E	N b E	N 65 E	25.2	8.8	2.8	7.09	9.37	0.250	...
12	.479	.531	.638	.5577	42.2	52.1	39.3	45.25	+ 5.12	.203	.156	.206	.189	.75	.39	.86	.66	W S W	W	N E b N	N 66 W	5.2	14.8	3.2	5.28	8.91	.....	...
13	.633	.632	.652	.6310	37.1	44.7	42.2	41.88	+ 1.45	.139	.171	.222	.179	.63	.57	.82	.67	N E b N	E	E b N	N 77 E	8.5	10.0	15.2	14.24	14.32	0.215	...
14	.270	28.993	.257	.1717	38.6	50.3	39.1	42.92	+ 2.18	.223	.331	.068	.179	.95	.91	.27	.63	E b N	S b W	W S W	S 16 W	25.5	6.5	10.4	3.81	17.02	0 685	...
15	.127	29.109	.169	.1282	38 0	42.5	36.4	39.08	— 1.97	.207	.127	.136	.157	.88	.44	.63	.65	S S E	S W	N N W	S 49 W	12.0	19.5	7.6	11.65	13.85	.....	...
16	.234	.318	.478	.3563	33.2	3.3	27.1	37.68	— 3.80	.112	.138	.166	.132	.58	.47	.75	.58	S W b W	W	W N W	S 87 W	9.8	21.0	8 5	11.70	12.09	.....	...
17	.592	.558	—	—	32.8	40.2	—	—	—	.148	.172	—	—	.79	.68	—	—	W N W	S	N N W	N 56 W	3.5	6.2	10 0	3.59	7.19	.....	Inap
18	.726	.689	.652	.6835	33.7	46.9	39.8	40.65	— 1.42	.131	.159	.152	.147	.67	.49	.61	.59	N W b N	S	W S W	S 27 W	12.0	11.5	6.0	4.47	7.31	.....	...
19	.616	.574	.651	.6137	38.2	48.3	37 5	40.90	— 1 45	.193	.207	.177	.190	.84	.60	.79	.75	W b S	S b E	N W b N	N 33 W	0.4	5.2	8.6	5.60	7.85	Inap	...
20	.636	.554	.498	.5550	38.9	48 9	40.0	42.93	+ 0.15	.143	.194	.209	.190	.60	.55	.85	.69	N b W	E S E	Calm.	S 67 E	9.0	2.0	0.0	0.99	1.54	.....	...
21	.461	.443	.453	.4512	41.8	45.8	43.3	43.78	+ 0.68	.174	.147	.226	.180	.64	.47	.80	.63	Calm.	E b S	N E b E	N 70 E	0.0	8.2	5.0	3.98	4.66	.....	...
22	.426	.371	—	—	41.6	45.8	—	—	—	.159	.152	—	—	.59	.49	—	—	N b E	E b S	N b E	N 37 E	4.0	7 2	14.0	9.11	11.00	.....	0.1
23	.197	.098	.126	.1385	35.3	36.8	40.7	37.55	— 6.15	.181	.152	.085	.147	.88	.69	.32	.67	N b E	N N W	N W b N	N 28 W	19.8	22.0	25.2	22.57	24.15	.....	0.3
24	.262	.324	—	—	36.4	50.8	—	—	—	.070	.075	—	—	.31	.19	—	—	W b N	W b W	W N W	N 70 W	18.4	20.5	2.0	11.79	12.49	.....	...
25	.594	.584	.611	.5985	31.5	48.0	39.3	39.82	— 4 58	.149	.150	.222	.175	.84	.45	.93	.73	W N W	S S E	E b S	S 30 E	1.0	9.2	2.0	2.67	3.97	0 092	...
26	.557	.507	.472	.5097	39.7	45.8	42.9	43.28	— 1.42	.214	.234	.138	.192	.87	.75	.49	.68	E	S E b S	N W b N	N 73 E	3.8	8.0	7.0	1.75	5.86	.....	...
27	.651	.716	.772	.7197	35.1	39.7	35.7	37.05	— 7.97	.192	.105	.092	.126	.94	.43	.43	.57	N E b N	S S E	N E b N	N 65 E	11.5	11.4	5.0	5.60	7.78	.....	..
28	.842	.871	.823	.8450	38.4	50.3	40.4	44.00	— 1.40	.190	.053	.106	.086	.43	.14	.41	.31	N N E	E b S	S E b E	N 88 E	5.2	8.8	1.8	4.57	5.21	.....	...
29	.811	.748	.684	.7438	43.3	59.9	47.2	51.23	+ 5.50	.148	.198	.183	.173	.52	.38	.56	.46	N E	E S E	E S E	N 66 E	1.8	4.6	0.5	2.20	3.57	.....	...
30	.691	.702	.708	.7053	51.6	61.3	49.1	54.67	+ 8.62	.162	.218	.191	.180	.42	.40	.54	.42	N b E	S E b S	S E b S	N 84 E	10.2	4.2	1.5	4.16	5.18	.....	...
M	29.5378	29.5140	29.553	29.5350	35.52	44.04	38.20	39.5.	— 1.46	.187	.159	.156	.154	.75	.53	.66	.63	.....	.....	.....	.....	9.05	13.36	8.72	.....	10.79	2.527	1.2