MONTHLY METEOROLOGICAL REGISTER AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST, OCTOBER, 1856.

Latitude—43 deg. 39.4 min. North. Longitude—79 deg. 21 min. West. Elevation above Lake Ontario, 108 feet.

Day.	Barom. at temp. of 32°.				Temp. of the Air.				Mean Temp. + or — of the Av'age.	Tens. of Vapour.				Humidity of Air.				Direction of Wind.			Resul't. Direc. tion.	Direction 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 A.M	2 P.M.	10 P.M.	Re-sult'.	M'E'N		
1	29.225	29.263	29.335	29.2805	40 0°	50.0°	43.0°	44.63°	— 5.78°	.213	.218	.200	.212	.87	.61	.72	.73	S W b W	S W b W	S W b S	S 38 W	2.8	13.6	6.0	9.89	10.08	...	...
2	343	395	541	.4412	45.1	51.7	45.8	47.47	— 2 47	177	232	248	217	60	62	82	68	S W b S	S S W	S W	S 50 W	13.5	17.8	1.8	8.24	9.59	...	...
3	693	718	788	.7380	38.4	57.9	47.4	48.53	— 1.00	197	237	220	217	85	50	68	66	W N W	S W b S	S W	S 47 W	7.0	8.3	2.5	3.68	4.79	...	...
4	841	786	732	.7833	42.0	57.2	51.0	50.95	+ 1.92	235	288	305	285	89	[illegible]	83	[illegible]	N	E	N E b E	N 71 E	1.0	6.4	1.4	2.83	3.01	...	...
5	704	628	—	—	43.4	63.2	—	—	—	256	398	—	—	92	[illegible]	—	—	Calm	S b W	S W b W	S 58 W	0.0	4.8	2.0	2.52	4.11	Inap	...
6	728	781	896	.8092	54.2	62.0	49.2	54.78	+ 6.57	283	274	297	282	69	51	86	69	N W b W	N b W	N b W	N 20 W	5.6	11.6	7.2	7.24	7.48	...	...
7	969	952	894	.9362	41.1	51.9	42.8	46.07	— 1.78	216	278	247	249	81	73	91	81	N b E	S E b E	Calm	N 73 E	2.8	3.6	0.0	2.37	2.73	...	...
8	892	840	822	.8492	39.8	59.4	48.1	49.67	+ 2.22	220	359	294	295	91	72	89	84	Calm	S	Calm	S 32 E	0.0	2.2	0.0	0.58	0.76	...	...
9	853	798	801	.8152	45.2	70.1	55.3	56.72	+ 9.65	279	383	355	337	94	54	83	77	Calm	S	E b S	S 62 E	0.0	1.0	1.5	0.59	0.82	...	...
10	821	769	719	.7672	44.9	67.3	50.6	54.83	+ 8.17	287	346	253	314	97	53	70	76	N E b N	Calm	Calm	S 62 E	1.5	0.0	0.0	0 45	0.51	...	...
11	721	779	873	.7992	52.1	64.9	50.8	56.42	+10.17	291	242	281	281	76	40	77	65	S S W	N W	N	N 19 W	1.4	12.4	10.3	7.96	9.13	...	...
12	29.822	790	—	—	45.4	54.6	—	—	—	209	312	—	—	70	75	—	—	N N E	b E	E	S 79 E	1.0	4.5	0.8	0.86	1.08	0.115	...
13	616	635	806	.6960	51.0	53.9	40.6	48.07	+ 2.50	341	216	127	223	97	53	50	65	Calm	N W b N	N	S 20 E	0.0	21.8	16.8	12.49	13.54	Inap	...
14	956	979	30 080	30.0198	35.2	39.9	33.7	36.32	— 8.95	114	110	106	119	56	45	55	55	N b E	N N E	N b E	N 16 E	9.2	10.0	6.6	9.74	9.96	...	...
15	30.175	30.128	30.088	30.1325	28.4	43.4	31.6	35.17	— 9.68	110	163	144	140	70	59	80	69	N b E	S	Calm	N 43 W	6.7	2.4	0.0	0.22	2.50	...	...
16	30.052	29.951	29.900	29.9617	27.3	48.9	38.8	38.57	— 5.97	130	224	177	177	86	65	75	75	Calm	S W b S	N N W	S 83 W	0.0	7.8	4.8	1.49	3.48	...	...
17	29.888	29.823	705	.7905	37.0	51.3	46.7	44.90	+ 0.67	174	302	274	248	80	81	87	83	N	E N E	N b E	N 49 E	4.7	8.3	2.8	5.83	6.40	0.365	...
18	610	608	705	.6437	45.6	47.9	47.3	47.05	+ 3.02	288	289	290	291	95	89	90	91	N E	N N W	W N W	N 32 W	6.4	9.2	0.4	3.47	4.46	0.225	...
19	835	859	—	—	44.2	53.3	—	—	—	268	321	—	—	93	81	—	—	Calm	S W	Calm	S 60 W	0.0	3.0	0.0	0.72	0.77	0.010	...
20	952	891	913	.9170	37.5	53.8	40.4	44 05	+ 0.48	214	331	237	267	96	82	95	93	Calm	Calm	Calm	S 33 W	0.0	0.0	0.0	0.04	0.04	...	...
21	891	802	690	.7892	38.4	52.6	48.5	46.70	+ 5.45	217	326	295	283	94	84	88	89	Calm	Calm	Calm	N 66 W	0.0	0.0	0.0	0.13	0.14	...	...
22	607	537	553	.5610	54 2	59.3	52.8	55.17	+12.20	367	418	313	366	89	85	80	85	Calm	N	N N W	N 25 W	0.0	0.8	11 4	4.40	4.63	0.025	...
23	635	714	883	.7515	44.9	44.9	33.4	40 97	— 1.78	248	132	108	167	81	45	57	64	N b E	N N W	N b E	N 23 W	0.5	21.8	9.2	9.82	10.40	...	...
24	989	957	943	.9513	23 3	38.4	30.5	31.52	—10.98	107	124	134	121	83	51	75	69	N	S E	E b N	N 83 E	1.4	8.5	1.1	3.28	4.36	...	...
25	830	696	690	.7407	38.8	42.1	42.1	40.60	— 1.68	169	166	183	167	73	63	69	67	E b S	E S E	Calm	S 82 E	13.9	14.2	0.0	7.64	7.68	0.010	...
26	818	778	—	—	38.8	50.8	—	—	—	260	288	—	—	85	78	—	—	Calm	S b W	S b W	S 32 W	0.0	6.0	1.2	1.85	2.45	...	...
27	519	350	403	.4202	46 0	46.0	45.2	45.47	+ 3.68	279	292	270	281	90	95	90	93	S S W	E N E	W b S	S 54 W	4.0	2.0	19.0	4.38	7.39	0.105	...
28	355	321	451	.3838	37.3	45.9	40.7	41.90	+ 0.42	193	163	178	176	87	53	71	6[illegible]	S W b W	W S W	W S W	S 73 W	4.0	21.5	14.5	15.12	15 17	...	...
29	523	466	234	.4048	41 5	47.4	47.0	45.45	+ 4.18	244	186	267	233	91	57	84	[illegible]8	W S W	S W	E S E	S 43 W	8.5	10.0	4.6	9.33	11.45	0.020	...
30	274	288	315	.3023	42.0	39.4	34.5	38.22	— 2.73	247	116	157	166	94	48	78	72	S W	W b S	S W b W	S 76 W	12.6	21.0	12.0	13.99	14.17	...	Inap
31	329	384	464	.3970	31.2	35.0	35.1	34.13	— 6.62	154	127	119	132	88	62	58	68	W b S	W b N	S W b W	S 75 W	10.4	14.5	9.6	13.99	14.89	...	0.1
M	29.7145	29.6891	29.7132	29.7069	40.83	51.20	43.44	45.34	+ 0.30	.222	.242	.225	.231	.85	.63	.77	.75	.....	.....	.....	.....	3.84	8.68	4.76	.....	6.07	0.875	0 1