MONTHLY METEOROLOGICAL REGISTER, AT THE MAGNETICAL OBSERVATORY, TORONTO, ONTARIO—AUGUST, 1877.

Latitude—43° 39′ 4″ *North*. *Longitude*—5*h*. 16*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	Tension of Vapour.				Humidity of Air.			
	6 A.M.	2 p.m.	10 P.M.	Mean.	6 A.M.	2 P.M.	10 PM	MEAN		6 A.M.	2 P.M.	10 P.M.	M'N.	6 A.M.	2 P.M.	10 P M	M'N.
1	29.757	29.729	29.692	29.7220	65.0°	78.2°	71.9°	72.67°	+ 4.60°	.481	.622	.661	.612	77	64	84	76
2	.692	.578	.547	.6057	70.8	79.8	70.5	73.08	+ 5.07	.685	.724	.644	.661	90	71	80	80
3	.601	.548	.603	.5837	62.5	75.5	61.4	66.47	— 1.45	.526	.360	.438	.414	93	41	80	66
4	.664	.660	.657	.6626	58.2	74.8	60.2	65.20	— 2.65	.402	.277	.311	.332	84	32	59	57
5	.650	.580	.540	.5817	54.0	74.0	67.9	66.00	— 1.70	—	—	—	—	—	—	—	—
6	.520	.426	.400	.8377	59.6	78.4	68.6	69.88	+ 2.22	.412	.449	.580	.507	81	46	83	70
7	.360	.318	.326	.3360	63.6	74.3	67.2	70.30	+ 2.75	.489	.637	.612	.583	83	75	92	79
8	.335	.333	.314	.3260	65.4	77.0	66.5	70.46	+ 3.02	.581	.586	.580	.592	93	63	89	80
9	.300	.298	.313	.3177	65.0	77.7	66.1	69.78	+ 2.47	.546	.562	.504	.518	88	59	79	72
10	.370	.398	.501	.4283	61.1	74.1	64.7	67.55	+ 0.38	.491	.520	.443	.468	91	61	72	71
11	.576	.579	.598	.5838	62.5	77.3	67.6	68.60	+ 1.55	.472	.491	.392	.458	83	53	58	67
12	.590	.560	.510	.5433	58.0	65.0	63.0	62.17	— 4.72	—	—	—	—	—	—	—	—
13	.521	.506	.459	.4978	60.0	67.6	55.0	64.05	— 2.10	.480	.551	.532	.525	93	82	86	86
14	.405	.373	.422	.4002	64.0	72.6	65.1	66.82	+ 0.23	.566	.601	.585	.582	95	75	94	89
15	.433	.433	.443	.4328	62.2	74.8	67.6	68.53	+ 2.10	.557	.511	.594	.561	99	59	88	82
16	.431	.411	.446	.4297	64.7	69.0	63.0	66.17	— 0.08	.536	.621	.529	.554	88	88	90	86
17	.489	.501	.552	.5152	63.2	75.2	68.1	68.73	+ 2.67	.543	.625	.559	.566	94	72	81	81
18	.588	.579	.601	.5878	63.2	73.0	69.4	68.42	+ 2.50	.413	.581	.474	.487	71	72	66	70
19	.620	.610	.640	.6233	61.0	82.0	72.0	72.50	+ 6.80	—	—	—	—	—	—	—	—
20	.682	.664	.656	.6650	60.0	77.5	66.1	68.92	+ 3.42	.468	.521	.571	.516	90	55	89	75
21	.691	.640	.614	.6410	62.9	77.0	68.3	70.58	+ 5.30	.548	.527	.616	.571	96	57	89	78
22	.679	.542	.536	.5527	65.4	79.5	69.7	72.43	+ 7.35	.608	.636	.626	.632	97	63	86	80
23	.579	.574	.571	.5675	66.1	77.0	73.3	73.32	+ 8.47	.545	.693	.531	.610	85	75	64	74
24	.568	.530	.544	.5452	69.4	77.7	70.1	72.33	+ 7.73	.570	.684	.588	.625	79	72	80	79
25	.580	.553	.590	.5715	65.1	77.1	63.2	69.18	+ 4.83	.571	.306	.475	.539	92	64	82	76
26	.600	.630	.710	.6517	64.0	82.0	66.0	70.67	+ 6.57	—	—	—	—	—	—	—	—
27	.771	.760	.788	.7697	63.2	82.4	71.5	72.80	+ 8.97	.504	.620	.555	.565	87	56	72	71
28	.830	.745	.702	.7488	65.9	79.1	69.0	71.20	+ 7.63	.560	.665	.694	.659	88	67	98	87
29	.649	.592	.651	.6212	67.9	76.6	67.6	71.68	+ 8.38	.679	.792	.524	.624	99	87	77	81
30	.703	.682	.632	.6678	59.6	73.0	66.1	66.53	+ 3.47	.425	.466	.518	.474	83	57	81	73
31	.554	.418	.383	.4552	61.8	67.9	67.6	66.40	+ 3.60	.445	.562	.601	.544	80	82	89	84
	29.5705	29.5403	29.5476	29.5507	63.07	75.71	67.21	69.10	+ 3.20	.522	.574	.545	.547	88	65	81	77

Day.	Direction of Wind.				Velocity of Wind.					Rain in Inches.	Snow in Inches
	6 A. M.	2 P. M.	10 P. M.	Res'l-tant.	6 A.M	2 P.M.	10 P.M.	Res'l-tant.	MEAN		
1	N E	E	N E	N 69° E	4.0	11.5	6.5	7.71	8.33	...	...
2	S E	W	N W	S 57 E	2.8	9.5	8.2	2.85	5.71	.420	...
3	N W	N W	N W	N 46 W	7.0	11.0	5.0	9.27	9.54	...	...
4	N W	N W	N W	N 33 W	9.0	13.0	3.2	7.90	8.22	...	...
5	N W	N W	N W	N 63 W	10.7	6.6	7.0	6.49	7.58	...	...
6	W	S	S W	S 47 W	2.6	11.5	5.8	4.77	6.67	...	...
7	S W	S W	N W	S 42 W	2.2	6.0	4.0	3.13	4.71	R	...
8	N	S E	N E	S 65 E	1.0	7.8	3.1	1.93	3.58	.610	...
9	N W	S	N	N 53 W	2.0	9.4	6.6	0.46	3.99	R	...
10	N W	S W	N W	N 88 W	1.8	8.4	4.5	5.67	6.86	...	...
11	W	S	N	S 53 W	7.0	8.0	3.0	2.81	5.82	...	...
12	N W	N E	N	N 25 E	6.2	8.0	5.0	3.83	5.04	.395	...
13	N	E	N E	N 45 E	6.0	5.8	4.6	1.79	3.74	R	...
14	E	E	N	S 89 E	7.6	9.0	5.0	3.63	5.88	.390	...
15	N E	N E	N W	N 61 E	3.6	5.4	5.2	3.09	4.68	...	...
16	N	S W	N	N 12 W	4.6	5.5	5.2	3.99	5.69	.260	...
17	N W	S	N W	N 62 W	5.0	7.0	3.5	2.03	4.71	.020	...
18	N W	S W	W	W	0.8	7.2	3.4	2.69	4.89	R	...
19	N W	S	N	S 73 W	4.4	6.5	10.0	2.12	5.44	...	...
20	N	S E	E	S 75 W	1.0	8.5	3.8	1.69	5.08	...	...
21	N E	E	E	N 88 E	3.6	10.0	3.2	5.78	6.25	...	...
22	N E	E	N E	N 84 E	3.8	8.0	3.6	5.02	5.79	...	...
23	N E	E	S	S 81 E	2.0	7.0	11.0	3.48	6.57	.080	...
24	S E	S E	S W	S 38 E	7.2	11.5	7.0	7.01	8.72	...	...
25	S W	S	S W	S 31 W	6.5	10.0	1.5	5.83	6.33	...	...
26	S W	W	N	S 85 W	5.0	12.0	1.0	6.61	6.93	...	...
27	S W	S	S W	S 32 W	0.6	11.5	3.3	5.09	6.29	...	...
28	N	S E	S	S 19 E	1.2	2.2	1.4	0.89	3.00	.770	...
29	W	S	N W	N 81 W	2.4	8.0	6.6	6.30	7.48	.030	...
30	N W	S	S W	S 86 W	11.5	7.5	2.8	1.94	6.73	...	...
31	N E	S W	W	S 59 W	2.2	10.0	7.5	4.73	5.75	.290	...
	.....	.....	.....	... .	4.55	8.49	4.89	.....	6.00	3.165	...