MONTHLY METEOROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST,—FEBRUARY, 186 .

Latitude—43 *deg.* 39.4 *min. North. Longitude*—5 *h.* 17 *min.* 33 *sec. 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.			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.	10 P.M	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	10 P.M	Resul't.	ME'N		
1	29.143	29.233	29.305	29.2400	20.1	19.0	16.1	18.15	— 5.73	.074	.085	.074	.077	66	82	83	77	W b N	W b N	W b S	N 80 W	12.5	23.0	10.8	13.62	13.98	...	...
2	.316	.253	.306	.2932	16.5	21.2	11.8	16.18	— 7.67	.076	.079	.063	.073	83	70	86	81	W b S	W b S	W	S 80 W	6 0	17.2	6.0	10 36	10 50	...	0.1
3	.367	.359	.480	.4140	14.0	18.7	13.2	14 58	— 9.18	.068	.063	.060	.062	83	62	75	73	W S W	W S W	W S W	S 72 W	12.0	23.0	18.2	16.78	17.01	...	...
4	.535	.648	—	—	7.8	11 4	—	—	—	.051	.051	—	—	82	69	—	—	W S W	N W	W N W	N 69 W	18.0	22.5	9.6	10.16	11.15	...	0.2
5	30.084	30.077	.936	30.0200	1.3	11 8	14.7	8.97	—14.62	.048	.047	.057	.049	91	61	67	74	N W b W	S W b W	S W b W	S 58 W	4 4	15 0	20.5	13.95	14.41	...	...
6	30.048	30 220	30.196	30.1663	15.4	9.6	8.5	11.43	—12.08	.070	.041	.042	.051	80	60	67	68	W S W	N	N N E	N 4 W	13.3	11.8	7.0	5 06	9.52	...	Inp.
7	30.028	29.815	29.853	29.8930	18.3	25.9	27.3	23.77	+ 0.33	.080	.107	.111	.098	81	76	74	76	E S E	S S W	S W b S	S 1 W	6.0	6.0	6.0	2.42	3.13	...	...
8	29 770	.673	.677	.7042	26.6	29.8	24 1	26.35	+ 2.98	.126	.133	.120	.126	87	80	93	88	S W b S	N E b E	N E	N 37 E	2.5	7.0	3 5	5.24	5.99	...	2.5
9	.671	.574	.451	.5527	20.1	26.2	30.2	25.73	+ 2.47	.098	.116	.142	.120	91	82	84	86	N E b N	S b E	S E b S	S 34 E	3.8	6 6	6.5	4 19	5.15	...	...
10	.388	.440	.492	.4518	30 9	38.1	34.5	34.13	+10.87	.149	.187	.192	.176	86	81	96	89	Calm.	Calm.	N E b N	N 40 E	0.0	0.0	4.6	1.56	2.43	0.150	1.5
11	.454	.518	—	—	33.4	33.4	—	—	—	.180	.157	—	—	95	92	—	—	N N W	N	N W b N	N 15 W	12.1	14.5	6.6	10.71	10 94	...	3.5
12	.864	.759	.769	.7993	24.1	25.9	21 9	28.33	+ 0.08	114	.113	.099	.107	87	81	84	85	N b E	N N W	N	N 6 W	9.0	8.0	12.5	7.82	8.03	...	...
13	.774	.762	.777	.7723	18.3	30 9	27.7	25.70	+ 2.45	080	.141	.135	.119	81	81	89	84	N N W	S W	W S W	S 72 W	5 6	4.0	5.7	2.03	4.24	...	0.6
14	.433	.149	.105	.2400	29.8	35 6	25.9	28 98	+ 5.72	.154	.160	.128	.141	93	77	91	87	E S E	S W	S W b W	S 52 W	11.0	10 0	22.0	12.95	16 02	...	1.5
15	.433	.657	.440	.7095	6.7	6.8	—5 9	2.73	—20.52	.052	.039	.028	.040	88	66	85	79	S W b W	N W b W	Calm.	N 62 W	15.0	17.6	0.0	7.73	8.07	...	...
16	30.076	30.089	.995	30.0532	—7.3	6.0	9.0	2.58	—20.78	.030	.049	.059	041	92	85	91	84	N W b W	S W b W	S W	S 51 W	5 0	18.8	26.0	19 19	19 55	...	...
17	29.995	29.880	.800	29.8893	16.1	29.1	30.6	25.98	+ 2.63	.074	.111	.138	10	83	69	86	73	S W b S	S W b S	S W	S 37 W	19 0	26.0	16.0	16.78	16.92	...	...
18	.819	.624	—	—	25.5	30.6	—	—	—	.118	.152	—	—	86	89	—	—	S W b W	Calm.	S E	S 21 W	6 8	0.0	2.6	3.13	3.71	...	5.0
19	.296	.167	.333	.2695	31.6	34.5	25.2	29.47	+ 5.93	.170	.149	.115	.144	96	75	85	87	S W b S	S W b W	W b N	S 74 W	2.8	10.4	10.0	5.98	6.84	...	0.5
20	.438	.579	.837	.6397	21.2	19.4	15.4	19.57	— 4.05	.105	.093	.070	.090	93	89	80	85	Calm.	N b W	N W b N	N 87 W	0.0	15.0	1.0	4 89	7.41	...	0.5
21	.999	.959	.825	.9238	5 3	28.4	30.9	23.57	— 0.17	.046	.105	.157	112	82	66	90	79	Calm.	S E b S	S E b E	S 6 E	0.0	5 5	2.2	3.67	5.34	...	...
22	.771	.766	.793	.7817	39.6	42.8	38.9	40.07	+16.25	.210	.186	.194	.189	87	67	81	76	S W b S	S W b S	S W b S	S 39 W	19.0	10.0	13.5	6.99	8.77	...	...
23	.786	.598	.398	.5677	36.7	43.0	40.3	40.03	+16.10	.188	.174	.246	.201	86	62	98	82	N b E	E	S b W	S 37 E	6.0	3.0	2.0	1.84	4.56	0.600	...
24	.203	.310	.518	.3637	40.3	32.0	28.0	33.07	+ 8.93	.246	.158	.131	.171	98	87	86	88	S W	W	W	N 75 W	7.0	15.8	20 2	14 28	16.06	0.080	...
25	.836	.977	—	—	9.3	10.4	—	—	—	.058	.055	—	—	86	78	—	—	N W	W b N	W b N	N 68 W	25.0	25.0	5.2	13.69	14.06	...	...
26	30.318	30.272	30.128	30.2290	— 0.8	14.3	15.8	10.43	—14.10	.040	.065	.065	.058	94	78	73	81	Calm.	S W b S	W b S	S 47 W	0.0	13.0	3.3	5.04	5.56	...	1.0
27	29 975	30.004	30.077	30.0223	19.4	32.7	22.3	24.98	+ 0.25	.087	.128	.094	.105	83	68	78	78	S S W	W b N	W	S 87 W	4.6	2.2	6.0	3.53	4 20	...	...
28	30.054	29.982	29.877	29.9605	28.7	30.9	32.0	30.48	+ 5.58	.130	.149	.157	.142	82	86	87	83	N b W	E b N	E b N	N 83 E	4.8	10.4	6.5	8.87	9 03	...	...
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M	29.7183	29.6907	29.7066	29.7069	19.70	25.53	22.43	22.51	— 1.16	.104	.112	.112	.108	86	75	83	81					8.26	12.19	9.07		9.10	0 830	16.9