

II. Monthly Report on Meteorology of the Province of Ontario.

I. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten High School Stations, for MARCH, 1872.

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STATION.	Eleva- tion. a	BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT.										TEMPERATURE OF THE AIR										TENSION OF VAPOUR.																	
		MONTHLY MEANS.					HIGHEST.		LOWEST.		RANGE.		MONTHLY MEANS.			DAILY RANGE.			HIGHEST.		LOWEST.		WARM- EST DAY.		COLDEST DAY.		MONTHLY MEANS.												
		Above the Lake.		Above the Sea.		Inches.	Date.	Reading.	Date.	Date.	Greatest in 24 hours.	Monthly.	Greatest in 24 hours.	Date.	7 A.M.	1 P.M.	9 P.M.	MEAN.	Highest.	Date.	Reading.	Date.	Mean Range.	Mean Minimum.	Mean Maximum.	Least.	Date.	Reading.	Date.	Monthly Range.	Date.	Mean Temp.	Date.	Mean Temp.	Date.	A.M.	1 P.M.	9 P.M.	MEAN.
		North Latitude a	West Longitude a																																				
Pembroke.....	45° 50' 77" 10	423.20	479.29	29.405	29.420	29.4357	29.826	7 a.m.	4.28	926	7 a.m.	19.9003	865.4	4.0	17.9	14.9	12.32	29.5	1.7	31.2	81.0	4	12.0	29	61.0	4	28.8	5	5.89	26	35.23	5	15.17	053	104	090	083		
Cornwall.....	45° 0' 74° 50' 137	715.29	824.29	719.29	762.29	806.30	30.369	7 a.m.	25.29	266	7 a.m.	1.003	833.30	31	8.04	22	29.15	40.15	4.95	25.3	27.30	51.0	4	10.8	29	42.6	30	22.4	5	5.95	26	33.13	5	13.30	065	104	081	084	
Barrie.....	44° 25' 79° 45' 59	715.29	824.29	719.29	762.29	806.30	30.369	7 a.m.	7.28	430	9 p.m.	18.800	617.8	23	9.12	35.92	16.29	17.61	29.83	2.53	27.30	51.0	4	7.5	6	45.7	26	19.2	5	5.04	27	33.9	5	5.33	074	115	091	094	
Peterboro'.....	44° 20' 78° 25' 72	670.29	715.29	29.2321	29.2411	29.2498	29.495	7 a.m.	12.28	731	1 p.m.	23.764	467.1	23	23.10	58.26	54.17	76.18	40.30	9.25	25.74	45.0	4	7.5	6	45.7	26	19.2	5	5.04	27	33.9	5	5.33	074	115	091	094	
Belleville.....	44° 10' 77° 52' 72	715.29	824.29	719.29	762.29	806.30	30.369	7 a.m.	12.28	731	1 p.m.	23.764	467.1	23	23.10	58.26	54.17	76.18	40.30	9.25	25.74	45.0	4	7.5	6	45.7	26	19.2	5	5.04	27	33.9	5	5.33	074	115	091	094	
Goderich.....	43° 45' 81° 42	715.29	824.29	719.29	762.29	806.30	30.369	7 a.m.	7.28	707	9 p.m.	18.871	484.19	23	23.10	58.26	54.17	76.18	40.30	9.25	25.74	45.0	4	7.5	6	45.7	26	19.2	5	5.04	27	33.9	5	5.33	074	115	091	094	
Stratford.....	43° 25' 80° 58	715.29	824.29	719.29	762.29	806.30	30.369	7 a.m.	7.28	736	9 p.m.	18.871	484.19	23	23.10	58.26	54.17	76.18	40.30	9.25	25.74	45.0	4	7.5	6	45.7	26	19.2	5	5.04	27	33.9	5	5.33	074	115	091	094	
Hamilton.....	43° 12' 79° 50	334.20	480.5	29.7233	29.7106	28.7525	29.007	7 a.m.	7.29	960	9 p.m.	18.872	650.18	13	13.84	36.74	72.44	34.96	8.45	17.58	29.9	22	7.0	23	37.5	27	10.4	5	5.47	27	37.13	5	2.97	077	085	080	087		
Simcoe.....	42° 51' 80° 14	716.29	1046	29.0720	29.0677	29.0781	29.309	1 p.m.	7.28	589	9 p.m.	18.720	589.8	9	9.17	31.27	35.23	22.75	31.77	12.93	18.79	34.8	22	7.6	23	48.5	27	8.0	5	5.36	27	37.4	5	1.33	084	131	107	107	
Windsor.....	42° 20' 83° 00	670.29	453.3	29.4004	29.4210	29.4279	29.754	9 p.m.	20.28	988	7 a.m.	9.866	583.8	8	9.20	17.30	47.24	01.24	38.32	14.35	18.97	28.6	23	7.1	23	56.2	28	7.5	5.63	7.25	40.57	5	7.0	094	113	114	107		

Approximation. a On Lake Simcoe. e Near Lake Ontario on Bay of Quinte. f On St. Lawrence. g On Lake Huron. h On Lake Ontario. i Close to Lake Erie. m On the Detroit River. n Inland Towns.

* No observation on 5th and 6th, imperfect observation on 4th.

STATION.	HUMIDITY OF AIR.	WINDS. NUMBER OF OBSERVATIONS.				VELOCITY OF WIND.				AMOUNT OF CLOUDINESS.				RAINF.				SNOW.				AURORAS.			
		SURFACE CURRENT.		MOTION OF CLOUDS. a		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.	
		North.	South.	East.	West.	North.	South.	East.	West.	North.	South.	East.	West.	North.	South.	East.	West.	North.	South.	East.	West.	North.	South.	East.	West.
Pembroke.....	82	89	93	88	83	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Cornwall.....	87	80	81	83	86	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Barrie.....	86	82	81	86	83	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Peterborough.....	90	91	92	91	89	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Belleville.....	81	76	80	77	84	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Goderich.....	88	76	80	77	84	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Stratford.....	81	73	79	77	84	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Hamilton.....	75	80	77	77	84	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Simcoe.....	75	80	77	77	84	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100
Windsor.....	82	64	86	86	83	1.4	1.7	1.3	1.5	6.0	7.0	5.0	6.0	7.30	0.65	1.1	1.00	45	18	7	100	45	18	7	100

a Where the clouds have contrary motions, the higher current is entered here. Velocity is estimated, 0 denoting calm or light air; 10 denoting very heavy hurricane.

REMARKS.

day so far this year was 5th March: temperature—19° 2. The month colder than January or February.
 CORNWALL.—Solar halo 2nd, 13th, 28th. Lunar halo 18th 21st.—
 WINDSTORMS.—6th, 19th, 24th, 26th, 31st. Snow, 4th, 6th, 10th, 11th, 14th, 17th, 19th, 24th, 26th, 31st. Rain 27th.
 BELLEVILLE.—Wind-storm, 19th. Snow, 4th, 6th, 10th, 11th, 14th, 17th, 19th, 24th, 26th, 31st. Rain 27th.
 BARRIE.—Wind-storms 4th, 19th, 20th. Snow, 3rd, 4th, 9th, 13th, 15th, 17th, 21st, 23rd, 25th, 28th. Month unusually cold and rough.
 PETERBOROUGH.—Wind-storms, 6th, 9th, 14th, 20th. Snow, 9th, 10th, 13th, 14th, 17th, 20th, 22nd, 23rd, 25th, 28th. Rain 10th. The coldest
 3rd, 4th, 9th, 13th, 14th, 16th, 18th, 23rd, 25th, 28th, 30th, 31st. Rain, 31st. Crows seen on 11th. Robins 28th. Difference of mean monthly temperature from average of 11 years—9° 90.
 HAMILTON.—Wind-storm, 6th. Snow 2nd, 3rd, 8th, 9th, 12th, 14th, 17th, 26th, 28th—31st. Rain, 9th, 25th, 26th, 28th, 31st. On 22nd large corona round moon, followed during night by a light fall of snow.—24th crows seen: *teronca officinalis* found green. 27th Robins heard.