

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

ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten High School Stations, for FEBRUARY, 1875.

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STATION.	Eleva- tion. a	BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT.						TEMPERATURE OF THE AIR.										TENSION OF VAPOUR.																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		North Latitude. a		West Longitude. a		MONTHLY MEANS.		HIGHEST.	LOWEST.		RANGE. Greatest in 24 hours.	MONTHLY MEANS.				MEAN MAXIMUM.	MEAN MINIMUM.	MEAN RANGE.	DAILY RANGE.				HIGHEST.	LOWEST.	MONTHLY RANGE.	WARM- EST DAY.		COLDEST DAY.	MONTHLY MEANS.																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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* Minimum Thermometer broke Feb. 6th.

Approximation. dOn Lake Simcoe. eNear Lake Ontario on Bay of Quinte. fOn St. Lawrence. gOn Lake Huron. hOn Lake Ontario. iOn the Ottawa River. jClose to Lake Erie. mOn the Detroit River. nInland Towns.

STATION.	HUMIDITY OF AIR.		WINDS. NUMBER OF OBSERVATIONS.		ESTIMATED VELOCITY OF WIND.		AMOUNT OF CLOUDINESS.		RAIN.		SNOW.		AURORAS.	
	MONTHLY MEANS.		SURFACE CURRENT.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.	
	7 A.M.	9 P.M.	North-East.	South-East.	North-West.	South-West.	7 A.M.	9 P.M.	No. of Rainy Days.	Duration in hours.	No. of Snowy Days.	Duration in hours.	Class I.	Class II.
	7 A.M.	9 P.M.	North-East.	South-East.	North-West.	South-West.	7 A.M.	9 P.M.	No. of Rainy Days.	Duration in hours.	No. of Snowy Days.	Duration in hours.	Class I.	Class II.
Pembroke.	87	92	90	92	91	91	60	637	608	616	9	4615	8	8
Cornwall.	88	92	90	92	91	91	60	637	608	616	9	4615	8	8
Barrie.	85	95	91	91	91	91	60	637	608	616	9	4615	8	8
Peterborough.	87	95	91	91	91	91	60	637	608	616	9	4615	8	8
Belleville.	81	80	82	82	81	81	60	637	608	616	9	4615	8	8
Goderich.	83	80	86	86	83	83	60	637	608	616	9	4615	8	8
Stratford.	82	84	80	80	82	82	60	637	608	616	9	4615	8	8
Hamilton.	75	74	74	74	75	75	60	637	608	616	9	4615	8	8
Simcoe.	91	79	89	89	91	91	60	637	608	616	9	4615	8	8
Windsor.	84	71	79	79	84	84	60	637	608	616	9	4615	8	8

a Where the clouds have contrary motions, the higher current is entered here.

b Velocity is estimated, 0 denoting calm or light air; 10 denoting very heavy hurricane.

REMARKS.

Pembroke.—Snow, 1st, 4th, 8th, 17th, 19th, 20th, 22nd, 23rd, 25th.
Cornwall.—Wind storms, 3rd, 11th, 25th, 26th. Snow, 2nd, 6th, 9th, 11th, 15th, 17th, 20th, 21st, 23rd, 25th. Rain, 3rd, 4th, 24th.
Barrie.—Snow, 2nd, 3rd, 5th, 6th, 8th, 14th, 16th, 17th, 19th, 20th, 22nd. Rain, 2nd.
PETERBOROUGH.—Wind storms, 3rd, 4th. Snow, 5th, 6th, 10th, 11th, 17th, 19th, 20th, 22nd, 24th. Rain, 3rd, 22nd, 23rd, 25th. Great scarcity of water, both in town and country. The coldest February from 1858, (when observation were first made here) to the present time. January was also the coldest for the same period.
Goderich.—Wind storms, 3rd, 4th, 10th, 11th. Snow, 2nd, 5th, 10th, 11th, 19th, 20th, 23rd, 25th, 27th. Rain, 2nd, 3rd, 22nd, 23rd, 24th. Month remarkable for stormy weather and the length and severity of the cold spell.