

IV. 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 JUNE, 1874.

OBSERVERS:—*Pembroke*—R. G. Scott, Esq., M.A.; *Cornwall*—James Smith, Esq., A.M.; *Barrie*—H. B. Spotton, Esq., M.A.; *Peterborough*—J. B. Dixon, Esq., M.A.; *Belleville*—A. Burdon, Esq.; *Goderich*—Hugh J. Strang, Esq., B.A.; *Stratford*—C. J. Macgregor, Esq., M.A.; *Hamilton*—George Dickson, Esq., M.A.; *Simcoe*—Dion C. Sullivan, Esq., LL.B.; *Windsor*—J. Johnston, Esq., B.A.

STATION.	Eleva- tion. a	BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT				TEMPERATURE OF THE AIR.				TENSION OF VAPOUR			
		MONTHLY MEANS.		Range.	Greatest in 24 hours.	MONTHLY MEANS.		DAILY RANGE.	LOWEST.	HIGHEST.	LOWEST.	WARM- EST DAY.	
		7 A.M.	1 P.M.			7 A.M.	1 P.M.					Mean Temp.	COLDEST DAY.
North Latitude.	West Longitude.	7 A.M.	1 P.M.	9 P.M.	MEAN.	Date.	Reading.	Date.	Reading.	Date.	Reading.	Mean Temp.	Date.
iPembroke.	45-50 77-10	423	29-5160	29-4785	29-5088	29-4994	29-846	7 a.m.	20	29-087	1 p.m.	29	76-90
jCornwall.	45-0 74-50 137	175	29-7080	29-6880	29-7100	29-7020	80-043	7 a.m.	15	29-312	1 p.m.	29	76-37
kBarrie.	44-25 74-50 69	779	29-5345	29-4375	29-5233	29-4984	29-941	7 a.m.	15	27-984	7 a.m.	29	74-93
lPeterboro.	44-20 78-25	670	29-2159	29-1982	29-2131	29-2091	29-517	7 a.m.	15	28-871	7 a.m.	29	78-90
mBelleville.	44-10 77-53 72	707	29-6108	29-5669	29-6033	29-6033	29-421	9 a.m.	15	29-289	1 p.m.	29	72-03
nGoderich.	43-45 81 42	815	29-2079	29-2028	29-1858	29-1838	29-461	9 a.m.	13	28-930	7 a.m.	26	78-1
oStratford.	43-25 80-38	1182	29-7171	29-7062	29-7011	29-7081	29-971	9 p.m.	13	28-379	7 a.m.	29	74-93
pHamilton.	43-12 79-50 90	324	29-4631	29-5165	29-5080	29-5160	29-815	7 a.m.	20	29-098	7 a.m.	29	78-96
qSimcoe.	42-51 80-14 160	716	29-07	29-03	29-04	29-311	29-623	1 p.m.	13	29-070	7 a.m.	29	80-67
rWindsor.	42-20 83-00	690	29-3479	29-3292	29-3350	29-3373	29-623	1 p.m.	13	29-070	7 a.m.	29	80-67

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. kOn the Detroit River. lInland Towns.

STATION.	HUMIDITY OF AIR.		WINDS. NUMBER OF OBSERVATIONS.										ESTIMATED VELOCITY OF WIND.				AMOUNT OF CLOUDINESS.				RAIN.				SNOW.				AURORAS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	MONTHLY MEANS.			SURFACE CURRENT.					MOTION OF CLOUDS. &					MONTHLY MEANS.			MONTHLY MEANS.				MONTHLY MEANS.				No. of Rainy Days.				Duration in hours.				Depth in inches.				Total Depth of Rain and Melted Snow.				Class I.				Class II.				Class III.				Class IV.				Sky unfavorable, obs. doubtful.				Sky unfavorable, obs. impossible.				Sky favorable, none seen.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	7 A.M.	1 P.M.	9 P.M.	North.	North-East.	South-East.	South.	West.	North-West.	Total.	North.	North-East.	South-East.	South.	West.	North-West.	Clear.	Imprecip.	Total.	7 A.M.	1 P.M.	9 P.M.	M.R.A.N.	7 A.M.	1 P.M.	9 P.M.	M.R.A.N.	No. of Rainy Days.	Duration in hours.	Depth in inches.	No. of Snowy Days.	Duration in hours.	Depth in inches.	Class I.	Class II.	Class III.	Class IV.	Sky unfavorable, obs. doubtful.	Sky unfavorable, obs. impossible.	Sky favorable, none seen.	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

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.—Lightning and thunder, with rain, 3rd, 15th, 16th, 22nd, 28th. Frost, 10th. Wind storms, 29th. Rain, 3rd, 4th, 7th, 9th, 11th, 12th, 15th, 16th, 22nd, 23rd, 26th, 28th.
Cornwall.—Thunder, 5th. Lightning, with thunder, 7th, 28th. Thunder, with rain, 15th. Lightning and thunder, with rain, 22nd, 23rd. Meteor S. E. 9 p.m.; 4th. Wind storms, 13th. Rain, 1st, 4th, 6th, 8th, 10th, 12th, 14th, 16th, 18th, 23rd, 26th.
Barrie.—Lightning, with thunder, 26th. Rain, 3rd, 5th, 6th, 11th, 12th, 15th, 16th, 21st, 25th, 26th.
Belleville.—Lightning and thunder, with rain, 7th, 25th. Rain, 5th—7th, 11th, 12th, 15th, 16th, 21st, 25th, 26th.
Peterborough.—Lightning, 6th. Lightning, with thunder, 7th.