

Monthly Meteorological Registers, Quebec, Canada East.—April, 1854.

BY LEUT. A. NOLLE, R.A.

Latitude, 46 deg. 49-2 min. North; Longitude, 71 deg. 10 min. West. Elevation above the level of the Sea, — Feet.

Date.	Barometer corrected and reduced to 32 degrees, Fahr.			Temperature of Air.			Elasticity of Air.			Humidity of Air.			Direction of Wind.			Velocity of Miles.			Kain in inch.	Snow in inch.	REMARKS.	
	6 A.M.	2 P.M.	10 P.M.	5 A.M.	2 P.M.	10 P.M.	6 A.M.	2 P.M.	10 P.M.	6 A.M.	2 P.M.	10 P.M.	6 A.M.	2 P.M.	10 P.M.	6 A.M.	2 P.M.	10 P.M.				
	MEAN.			MEAN.			MEAN.			MEAN.			MEAN.			MEAN.						
1	20-476	20-215	20-344	32-0	30-2	35-0	181	226	168	192	00	95	83	98	ESE	ESE	ESE	3-8	10-1	0-26		
2	20-637	20-877	20-120	23-3	31-3	17-2	113	139	087	113	87	79	87	84	ESE	ESE	ESE	5-2	8-8	7-2		
3	30-316	30-176	30-228	8-3	35-8	23-2	054	131	109	099	79	66	86	76	WNW	WNW	WNW	6-2	7-2	8-0		
4	30-106	30-012	30-080	26-0	44-2	36-2	130	172	165	162	91	60	73	75	Calm	Calm	Calm	...	8-0	7-2		
5	30-029	29-816	29-052	34-3	47-6	11-5	158	178	192	176	79	64	75	69	Calm	Calm	Calm	...	3-8	...		
6	29-647	29-370	29-376	11-2	52-2	13-6	236	281	263	267	92	73	91	89	Calm	Calm	Calm	...	3-8	3-8	0-21	
7	29-683	29-816	29-060	32-2	37-3	26-3	31-0	143	143	143	91	68	96	82	NNW	WNW	WNW	10-1	8-0	7-2		
8	30-111	30-032	29-920	23-0	36-0	38-3	20-0	108	175	136	140	86	82	97	ESE	ESE	ESE	8-0	8-8	3-8		
9	29-866	29-800	29-786	30-0	36-2	32-6	134	208	160	167	80	89	88	86	ESE	ESE	ESE	8-0	8-8	3-8		
10	507	401	668	622	31-0	30-8	31-2	165	186	166	163	95	77	89	ESE	ESE	ESE	11-3	10-1	6-2		
11	717	776	776	766	30-8	36-0	27-0	159	192	123	123	93	91	82	ESE	ESE	ESE	8-8	8-0	...		
12	788	720	865	791	22-3	50-0	112	194	228	178	86	66	94	78	W	W	W	8-8	8-0	...		
13	30-070	30-143	30-257	25-0	27-6	...	122	131	...	...	88	86	...	...	ESE	ESE	ESE	8-8	8-0	...	
14	30-202	30-175	30-131	11-0	33-8	29-6	063	169	139	134	82	88	84	85	ESE	ESE	ESE	10-1	11-3	12-1		
15	30-055	29-888	29-958	21-8	32-0	26-0	094	127	132	118	78	70	92	80	ESE	ESE	ESE	11-3	10-1	6-2		
16	29-966	29-989	29-980	47-6	47-6	37-0	075	146	131	117	87	88	82	86	ESE	ESE	ESE	3-8	5-2	3-8		
17	992	873	740	872	16-6	53-6	095	146	131	117	87	88	80	80	ESE	ESE	ESE	20-2	11-3	...		
18	711	689	600	634	30-3	36-6	130	183	188	184	78	87	80	82	ESE	ESE	ESE	11-3	8-0	6-2		
19	682	607	420	606	29-8	50-8	110	163	175	163	66	66	68	68	ESE	ESE	ESE	6-2	5-2	6-2		
20	617	614	666	652	34-2	48-6	167	175	163	165	85	62	66	68	ESE	ESE	ESE	6-2	5-2	6-2		
21	720	737	740	732	33-0	42-0	141	142	141	144	79	64	81	71	NW	NW	NW	6-2	5-2	6-2		
22	762	643	603	668	29-8	44-0	161	169	161	161	80	74	79	80	ESE	ESE	ESE	6-2	5-2	6-2		
23	668	744	791	735	38-0	34-0	138	139	138	120	61	66	63	64	ESE	ESE	ESE	6-2	5-2	6-2		
24	836	711	684	710	28-5	50-5	120	153	163	146	76	43	64	61	WSW	WSW	WSW	6-2	5-2	6-2		
25	648	646	664	644	34-0	64-7	...	...	...	...	...	...	...	...	WSW	WSW	WSW	6-2	5-2	6-2	
26	646	416	303	422	33-8	46-0	140	201	195	199	72	83	86	83	S	S	S	6-2	5-2	6-2		
27	460	685	803	646	37-3	37-0	158	176	161	162	72	80	74	79	S	S	S	6-2	5-2	6-2		
28	996	30-166	30-205	30-182	32-8	38-8	169	178	161	163	91	79	81	84	N	N	N	3-8	8-0	...		
29	30-240	30-246	30-081	30-189	33-8	30-6	164	166	176	168	85	65	82	77	E	E	E	10-1	13-4	1-0		
30	30-000	29-630	29-812	29-914	36-3	38-6	169	220	191	193	79	95	87	87	E	E	E	22-1	19-7	21-2		
M	29-824	29-787	29-702	29-794	28-7	40-2	131	176	155	166	86	76	81	81				7-02	7-48	16-28	3-83	3-3

2nd. Aurora visible, faint arch and dark segment underneath, at 10h. 10m. Bright streamers shot out suddenly.

10th. At 2 p.m. the clouds were arranged in and parallel to the magnetic meridian. The early part of the night hazy, and a very fine lunar halo, 40° in diameter, visible from 8 to 12. A magnificent Aurora observed: great magnetic disturbance.

17th. At 2 p.m. a remarkable bunch of cirrus clouds at right angles to magnetic meridian, right across the sky.

23rd. Aurora visible immediately after sunset, and as soon as stars of the first magnitude.

24th. The ice opposite Quebec gave way, but that at Cape Rouge still firm.

25th. Swallows seen.

26th. Wheel carriages employed in the town.

Greatest Daily Range, on the 12th. 31°-0
 Least Daily Range, on the 14th. 29°-8
 Warmest Day, the 6th; mean temperature. 45°-67
 Coldest Day, the 3rd; mean temperature. 29°-43
 Possible to see Aurora on 17 nights.
 Aurora visible on 16 nights.

Maximum Barometer, at 6 a.m. on the 3rd. 30-216 } Monthly Range, 1-101 in.
 Minimum Barometer, at 2 p.m. on the 1st. 29-216 }
 Maximum Thermometer, on the 25th. 56°-0 } Monthly Range, 40°-0
 Minimum Thermometer, on the 2nd. 6°-0 }
 Mean Maximum Thermometer. 41°-0 } Mean Daily Range, 17°-7
 Mean Minimum Thermometer. 29°-3 }