Monthly Meteorological Register, Quebec, Canada East.—March, 1854.

BY LIEUT. A. NOBLE, R.A.

Latitude, 46 *deg.* 49·2 *min. North; Longitude*, 71 *deg.* 16 *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.			Rain in inch.	Snow in inch.	REMARKS.
	6 A.M.	2 P.M.	10 P.M.	MEAN.	6 A.M.	2 P.M.	10 P.M.	MEAN	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.			
					°	°	°	°																	
1	29·920	29·871	29·887	29·893	10·0	33·8	32·0	25·2	·058	·164	·156	·126	79	85	87	84	W S W	W S W	W S W	6·2	6·2	8·0	...	...	
2	30·062	30·099	30·156	30·105	24·0	25·5	11·5	20·3	116	109	058	094	87	78	75	80	E b N	E N E	E N E	5·2	7·2	12·4	...	...	
3	29·943	29·704	29·622	29·756	19·5	20·5	21·5	20·5	095	092	098	095	86	81	81	83	E N E	E N E	E N E	21·2	21·2	16·0	...	6·0	
4	·589	·902	·452	·647	24·0	29·6	25·5	26·3	116	143	134	131	87	87	95	90	E N E	E N E	E N E	6·2	8·0	5·2	...	4·0	7th. Snowing slightly.
5	·406	·534	·605	·515	25·0	38·0	23·5	28·8	112	140	112	121	81	62	86	76	W	S W	S W	5·2	8·0	5·2	...	...	8th. Heavy fog during the morning.
6	·804	·898	·982	·895	18·0	31·0	24·6	24·5	082	117	117	105	80	67	87	78	S W	S W	S W	5·2	10·1	8·0	...	...	
7	·897	·765	·702	·788	21·4	39·8	23·2	28·1	100	156	111	122	84	64	86	78	W b S	W b S	Calm	5·2	5·2	...	...	0·5	16th. Thunder and lightning, accompanied with hail and rain.
8	·685	·480	·386	·517	10·4	29·3	25·0	21·6	060	149	122	110	80	93	88	87	Calm	E b N	E b S	...	13·9	31·2	...	5·0	
9	·601	·720	·788	·703	25·4	31·4	28·0	28·3	115	140	139	131	82	80	89	84	E b S	E b S	E b S	21·2	21·2	12·4	...	...	20th. Clear, but no Aurora observed.
10	·659	·592	·415	·529	27·8	32·8	30·0	30·2	135	145	134	138	88	78	80	82	E b S	E b S	E b S	13·9	16·0	16·0	...	7·0	
11	·473	·717	·897	·696	27·4	43·0	38·6	36·3	141	169	204	171	93	62	87	81	N b W	N W	N W	11·3	10·9	10·1	...	...	21st. Aurora observed. A luminous arch with dark segment, but no streamers.
12	·399	·681	·677	·586	26·5	42·5	38·6	35·8	128	176	186	163	87	66	80	78	N W	N W	NWbW	8·0	8·0	7·2	...	...	
13	·722	·774	·915	·803	37·5	35·4	32·0	35·0	178	127	171	159	79	61	95	78	NWbW	E b S	E b S	5·2	6·2	8·0	0·04	1·0	
14	·975	·732	·630	·779	23·0	25·6	26·2	24·9	104	128	142	125	81	90	98	90	E b S	E b S	S E	13·9	22·1	12·4	...	0·5	22nd. Aurora observed. Two mock suns seen, 10 p.m.
15	·653	·658	·442	·591	28·6	46·0	35·5	36·7	145	218	188	184	92	70	91	84	S W	S W	S W	8·8	8·0	8·0	...	...	
16	28·932	28·829	28·910	28·890	38·5	48·8	38·0	41·8	209	213	156	158	91	63	68	74	Calm	W	N W	...	10·1	9·6	0·09	0·3	23rd and 24th. Very heavy fall of snow.
17	29·021	29·131	28·987	29·046	30·0	40·3	26·5	32·9	141	241	134	172	84	97	84	88	N W	W	W b N	11·3	16·0	13·9	...	3·0	
18	28·781	28·948	29·446	·058	7·0	17·6	23·0	15·8	053	084	107	081	81	83	84	86	W N W	W N W	W b N	19·7	32·1	27·8	...	4·0	
19	29·678	29·570	·567	·605	7·5	22·8	8·5	12·9	052	103	050	068	79	81	73	78	NWb N	NWb N	NWb N	19·7	16·0	10·1	...	...	26th. Aurora visible through the clouds.
20	29·730	·818	·980	·843	0·0	17·0	10·5	9·1	036	071	069	059	76	72	94	81	NWb N	NWb N	NWb N	10·1	11·3	10·9	...	...	
21	30·051	·977	30·008	30·012	1·3	24·0	10·0	11·7	041	082	060	061	82	63	81	75	NWb N	NWb N	NWb N	11·3	11·3	3·8	...	...	29th. A comet visible just after sunset. A very remarkable Aurora, consisting of three arches; one in the north, another passing through the zenith, and a third in the south.
22	29·980	·804	29·618	29·801	−0·3	26·0	19·2	14·9	036	128	091	085	78	88	83	83	NWb N	NWb N	NWb N	8·0	6·2	10·1	...	...	
23	·465	·377	319	·387	18·0	32·3	31·0	27·1	093	163	165	140	91	90	95	92	S E	S E	S E	10·1	13·9	20·2	...	9·0	
24	·179	·088	·014	·093	28·6	30·8	28·0	29·1	137	144	128	136	87	83	83	84	S E	S E	S E	21·2	27·8	10·1	...	9·0	
25	·081	·047	·063	·064	16·3	23·0	17·0	18·7	090	123	085	099	93	97	86	92	W	W	W	11·3	19·7	16·0	...	2·0	
26	·121	·201	·330	·217	8·0	23·0	19·8	16·9	059	086	092	079	87	67	82	79	W	W	W S W	19 7	19·7	19·7	...	...	
27	·409	·460	·571	·480	12·8	21·8	13·0	15·8	078	107	057	081	93	89	68	83	W S W	W S W	W S W	16·0	16·0	11·3	...	...	
28	·638	·724	·864	·742	13·0	34·3	21·0	22·7	075	158	102	112	88	79	88	85	W b N	W b N	W b N	11·3	13·9	11·3	...	...	
29	·924	·993	30·080	·999	13·0	27·2	13·5	17·9	052	124	071	082	62	82	82	75	W b N	W b N	W b N	10·1	7·2	5·2	...	...	
30	30·134	30 070	30·148	30·117	8·8	31·3	16·3	18·8	053	104	092	083	76	59	95	77	Calm	S W	Calm	...	5·2	...	...	...	30th. Aurora observed. A great deal of motion.
31	30·163	30·073	29·871	30·036	18·0	26·2	29·0	24·4	097	113	148	119	94	79	94	89	Calm	E S E	E S E	...	8·0	...	...	...	
M	29·615	29·618	29·624	29·619	18·3	30·6	23·9	24·3	096	136	118	116	84	77	85	82				10·2	13·1	10·9	0·13	55·8	

Highest Barometer, at 6 a.m. on the 31st..... 30·163
Lowest Barometer, at 6 a.m. on the 15th..... 28·781 } Monthly Range, 1·382 in.

Maximum Thermometer, on the 18th..... 50°·0
Minimum Thermometer, on the 19th..... −2°·0 } Monthly Range, 52°·0

Mean Maximum Thermometer..... 31°·9
Mean Minimum Thermometer..... 14°·4 } Mean Daily Range, 17°·5

Greatest Daily Range, on the 17th..... 35°·0
Least Daily Range, on the 14th..... 5°·6

Warmest Day, the 16th; mean temperature..... 41°·8
Coldest Day, the 20th; mean temperature..... 9°·1 } Climatic Difference, 32°·7

Possible to see Aurora on 12 nights.
Aurora visible on 10 nights.