

Monthly Meteorological Registers, Quebecs, Canada East, February, 1855.
 BY Lieut. A. NOBLE, R.A., F.R.A.S., AND MR. WM. D. CAMPBELL.

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 Wind.				Snow in Inch.	Rain in Inch.	REMARKS.
	10 P.M.		6 A.M.		10 P.M.		6 A.M.		10 P.M.		6 A.M.		10 P.M.		6 A.M.		10 P.M.		6 A.M.		10 P.M.						
	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.	MEAN.	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.	MEAN.			
1	29.720	29.571	29.450	29.580	31	6.0	0.4	1.1	0.038	0.053	0.017	0.016	85	97	92	W N W	W	E S E	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1-4. Lunar Corona at 10 p.m.	
2	29.583	29.530	29.450	29.510	8.8	1.8	7.2	0.52	0.56	0.87	0.65	103	90	97	S W	Calmb.	Calmb.	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	29.580	29.505	29.450	29.510	12.8	18.0	6.8	12.5	0.78	0.91	0.56	100	80	87	W S W	W S W	W S W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	29.580	29.471	29.450	29.510	3.7	11.7	20.1	11.8	0.38	0.25	0.25	95	90	90	W	W N W	W N W	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2		
5	29.525	29.450	29.450	29.510	27.2	10.2	13.2	16.9	0.26	0.25	0.25	87	96	96	W	W N W	W N W	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	3rd. Auroral arch above the horizon, and occasionally a few streamers, observed this about 11 p.m.	
6	29.583	29.470	29.450	29.510	23.7	16.3	22.0	20.7	0.18	0.18	0.18	82	97	97	W	W N W	W N W	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2		
7	29.583	29.742	29.742	29.742	26.2	12.7	9.1	16.0	0.20	0.20	0.20	82	97	97	W	W N W	W N W	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2		
8	29.583	29.742	29.742	29.742	6.0	8.3	9.1	3.9	0.32	0.32	0.32	80	77	98	S W	W N W	W N W	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8		
9	29.583	29.742	29.742	29.742	10.2	12.6	11.5	11.4	0.65	0.61	0.73	87	79	91	E N E	E N E	E N E	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8		
10	29.583	29.742	29.742	29.742	9.2	18.6	14.9	14.2	0.67	0.76	0.70	87	79	91	E N E	E N E	E N E	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8		
11	29.583	29.742	29.742	29.742	7.86	12.3	18.4	15.6	0.69	0.87	0.88	81	83	85	E	E	E	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		
12	29.583	29.742	29.742	29.742	20.029	6.5	21.7	13.3	0.60	1.01	0.73	87	85	85	S W	W	W	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		
13	29.583	29.742	29.742	29.742	30.140	5.4	18.7	20.9	0.50	0.57	0.85	111	81	92	Calmb.	Calmb.	Calmb.	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5		
14	29.583	29.742	29.742	29.742	30.078	21.6	21.8	28.1	2.48	1.08	1.15	138	90	83	E N E	E N E	E N E	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0		
15	29.583	29.742	29.742	29.742	29.856	21.1	31.8	33.2	31.5	1.67	1.41	1.40	81	78	80	E N E	E N E	E N E	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	
16	29.583	29.742	29.742	29.742	6.665	6.92	6.17	6.68	3.5	3.1	3.06	32.7	95	96	96	N E	N E	N E	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
17	29.583	29.742	29.742	29.742	5.13	5.69	2.96	3.17	31.2	30.8	1.68	1.61	1.61	91	91	91	W S W	W S W	W S W	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
18	29.583	29.742	29.742	29.742	1.66	1.55	4.01	4.35	30.0	29.1	1.67	1.51	1.55	150	96	91	W S W	W S W	W S W	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
19	29.583	29.742	29.742	29.742	5.23	6.01	5.23	27.9	29.8	28.3	1.46	1.36	1.50	151	96	91	W S W	W S W	W S W	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
20	29.583	29.742	29.742	29.742	6.27	6.71	8.11	7.04	28.6	30.4	1.53	1.71	1.51	159	96	91	W S W	W S W	W S W	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
21	29.583	29.742	29.742	29.742	4.29	4.52	4.29	27.9	34.5	29.0	1.40	1.29	1.34	138	90	83	W	W	W	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
22	29.583	29.742	29.742	29.742	7.92	6.21	5.28	6.17	25.2	27.1	2.5	2.61	1.29	89	86	86	N W	N W	N W	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
23	29.583	29.742	29.742	29.742	6.75	7.16	7.11	7.01	1.8	3.7	2.5	0.2	0.37	87	71	79	W N W	W N W	W N W	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
24	29.583	29.742	29.742	29.742	7.26	6.53	5.37	6.15	12.0	5.7	7.7	8.5	0.23	86	89	91	W N W	W N W	W N W	8.8	8.8	8.8	8.8	8.8	8.8	8.8	
25	29.583	29.742	29.742	29.742	5.58	2.29	2.29	2.71	8.5	1.6	1.6	0.10	0.12	90	91	91	W	W	W	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
26	29.583	29.742	29.742	29.742	2.23	2.81	3.61	2.80	2.1	3.5	1.8	0.4	0.50	90	91	91	W	W	W	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
27	29.583	29.742	29.742	29.742	3.30	1.86	0.78	1.08	8.0	5.5	4.7	0.4	0.31	97	69	72	W N W	W N W	W N W	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
28	29.583	29.742	29.742	29.742	8.27	8.08	4.99	5.06	3.7	18.1	16.0	12.6	0.46	82	73	76	W N W	W N W	W N W	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
29	29.583	29.742	29.742	29.742	6.75	13.62	11.30	10.55	0.80	0.063	0.092	0.088	91	83	90	88			7.28	7.15	6.42	6.30	6.30	6.30	6.30		

Maximum Barometer, 6 a.m. on the 15th 30.180
 Minimum Barometer, 2 p.m. on the 3rd, 29.205
 Monthly Range 0.975
 Monthly Mean 29.6749
 Maximum Thermometer on the 21st 36.8
 Minimum Thermometer on the 4th 29.5
 Monthly Range 66.3
 Mean Maximum Thermometer 15.65
 Mean Minimum Thermometer 2.39
 Mean Daily Range 13.26
 Mean Monthly Temperature 10.55
 Greatest Daily Range of Thermometer on 22nd 32.2
 Least Daily Range of Thermometer on 19th 3.4
 Warmest Day, 16th. Mean Temperature 32.7

Coldest Day, 6th. Mean Temperature 30.180
 Climate Difference 29.205
 Possible to see Aurora on 11 Nights. 475
 Aurora visible on 7 Nights. 29.6749
 Total quantity of Rain, .05 inches. 36.8
 Total quantity of Snow, 30.1 inches. 29.5
 Rain fell on 3 days. 66.3
 Snow fell on 14 days. 15.65

The observed Dew Point at 10 p.m. of 4th, —33°5; at 6 a.m. of 5th, —31°0; at 6 a.m. of 6th, —32°5.

Note.—The 4th, 5th, 6th, 7th, and 15th days, are not included in forming the hourly and monthly means of Elasticity and Humidity.