

Monthly Meteorological Register, Quebec, Canada East, October, 1863.

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Latitude. 46 deg. 49' 2" min. North; Longitude, 71 deg. 16' min. West. Elevation above the level of the Sea, about 200 Feet.

Date.	Barometer corrected and reduced to 32 degrees, Fahr.			Temperature of Air.			Tension of Vapour.			Humid. of Air.			Direction of Wind.			Velocity of Wind.			Rain in Inch.	Snow in Inch.	REMARKS.			
	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.	6 A.M.	2 P.M.	10 P.M.	6 A.M.	2 P.M.	10 P.M.						
	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.	MEAN.						
1	29.698	29.698	29.664	55.8	56.7	53.3	55.1	0.409	0.403	0.372	0.395	95	90	93	92	E	E	E	18.4	18.4	15.2	1.082		
2	576	510	584	56.0	56.8	56.6	56.8	423	391	415	411	100	87	96	94	E	E	E	16.0	21.3	22.7	3.762		
3	386	349	384	57.1	56.8	56.1	56.8	404	413	430	416	97	91	96	95	E	E	E	19.7	16.0	11.3	0.92		
4	486	390	335	55.4	58.9	64.1	66.1	421	438	403	421	98	90	98	96	E	E	E	11.3	15.4	15.2	2.17		
5	430	613	652	498	426	68.8	66.1	378	406	421	402	97	83	93	91	E	E	E	12.4	0.0	0.0	0.13		
6	608	340	120	52.8	58.8	55.1	56.2	395	411	430	416	99	99	99	97	E	E	E	0.0	10.0	8.0	0.330		
7	392	499	601	495	42.3	60.1	41.8	44.7	215	171	204	107	81	48	78	69	N	N	N	16.0	12.4	6.2	0.330	
8	677	650	717	681	40.9	48.4	41.8	43.7	196	246	207	216	77	74	80	77	S	S	S	3.8	3.8	0.0	0.330	
9	742	716	764	787	89.3	60.6	44.1	44.7	209	226	261	232	88	62	91	80	S	S	S	6.2	5.2	10.4	1.38	
10	818	984	972	916	41.0	51.6	41.1	44.6	239	264	232	246	93	71	91	85	W	W	W	8.8	10.0	3.8	0.410	
11	909	700	687	765	38.2	53.1	51.9	47.7	218	257	211	229	95	64	56	71	E	E	E	2.0	21.3	11.3	0.409	
12	711	712	724	710	51.1	56.5	52.0	53.2	315	280	315	303	86	63	82	77	E	E	E	12.4	12.4	22.7	1.584	
13	672	631	662	652	51.8	64.0	63.0	62.9	365	386	366	372	97	94	93	95	E	E	E	27.8	22.7	21.3	0.409	
14	747	707	682	705	49.3	64.0	48.8	50.7	315	267	316	309	91	73	96	86	E	E	E	0.0	3.8	2.0	1.584	
15	675	641	607	674	42.3	51.0	45.4	46.2	247	226	237	237	93	62	80	78	W	W	W	5.2	5.2	10.0	0.410	
16	641	715	806	721	43.6	48.6	48.9	43.7	242	169	169	204	87	60	72	73	W	W	W	2.0	8.8	11.3	0.410	
17	849	773	710	779	33.6	40.6	38.1	37.6	157	161	184	167	81	64	80	75	N	N	N	8.8	14.3	2.0	0.410	
18	614	612	713	656	38.1	44.9	45.3	42.8	210	231	260	234	93	79	87	86	Calm.	S	W	0.0	3.8	5.2	0.410	
19	752	696	687	712	45.2	51.4	46.6	47.7	273	275	276	276	91	74	88	84	Calm.	Calm.	W	0.0	0.0	0.0	0.410	
20	692	713	761	719	48.0	58.0	51.9	52.9	285	347	330	321	87	71	86	71	E	E	E	32.2	25.4	42.5	0.410	
21	842	729	644	709	47.4	45.8	41.8	45.0	230	176	250	218	72	57	76	76	E	E	E	3.8	3.8	10.0	0.410	
22	404	361	589	461	43.6	48.6	43.9	45.8	278	221	211	237	100	66	74	80	E	E	E	10.0	0.0	2.0	0.410	
23	645	612	708	655	35.6	44.6	39.8	40.0	164	182	182	176	79	61	76	72	W	W	W	7.3	3.8	10.0	0.410	
24	817	762	477	685	26.2	56.8	55.4	56.8	183	193	199	192	86	92	96	91	S	E	E	3.8	3.8	3.8	0.410	
25	211	189	307	386	39.0	37.0	34.2	36.7	231	190	171	200	91	86	91	86	S	E	E	22.7	10.0	17.0	0.410	
26	610	657	603	623	29.3	35.3	35.1	33.2	134	146	167	149	82	71	82	75	E	E	E	3.8	3.8	3.8	0.410	
27	445	337	288	367	37.4	41.9	39.0	39.4	184	207	208	200	83	79	88	86	S	S	S	3.8	0.0	10.0	0.410	
28	486	196	405	263	35.0	42.4	36.6	37.6	187	180	146	171	92	67	70	70	Calm.	N	N	10.1	3.8	3.8	0.410	
29	698	674	653	630	32.0	34.2	34.7	34.7	128	119	160	136	71	61	81	68	W	W	W	3.8	5.2	12.4	0.410	
30	843	416	738	499	36.7	43.1	36.8	38.9	205	170	150	176	95	62	69	76	W	W	W	3.8	5.2	3.8	0.410	
31	30.063	30.065	30.017	30.017	30.7	39.3	34.5	34.8	135	119	160	138	75	60	73	63	W	W	W	5.2	3.8	2.0	0.410	
M	29.6161	29.6256	29.6062	29.6046	43.01	48.64	44.63	46.43	0.257	0.256	0.259	0.253	84	72	85	83				9.15	6.97	8.81	9.244	0.1

10th. Min. ter. rad. 30° 3.

21st. At 8 p.m., gusts of wind 48 to 50 miles per hour.  
24th. Mountains covered with snow.

28th. 3 a.m., ter. rad. 31° 0.

30th. Min. ter. rad. 21° 0.

Maximum Barometer, 6 a.m. on the 31st.	30.063
Minimum Barometer, 6 a.m. on the 28th.	29.186
Monthly Range	0.877
Monthly Mean	29.6046
Maximum Thermometer on the 6th	60° 4
Minimum Thermometer on the 25th	28° 4
Monthly Range	32° 0
Mean Maximum Thermometer	50.38
Mean Minimum Thermometer	40.00
Mean Daily Range	10.38
Mean Monthly Temperature	45° 33
Greatest Daily Range of Thermometer on 10th.	18.2
Least Daily Range of Thermometer on 3rd	3° 3
Warmest Days, 3rd, 4th, 5th. Mean Temperature	56.1
Coldest Day, 24th. Mean Temperature	32.2
Climatic Difference	22.9
Possible to see Aurora on 7 Nights.	
Aurora visible on 7 Nights.	
Total quantity of Rain, 9.244 inches.	
Total quantity of Snow 0.1 inches.	
Pain fell on 16 days.	
Snow fell on 2 days.	