

Monthly Meteorological Register, Quebec, Canada Fast, December, 1851.

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Latitude. 46 deg. 49.2 min. North; Longitude, 71 deg. 16 min. West. Elevation above the level of the Sea.—Fet.

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.		
	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.	6 A.M.	2 P.M.	10 P.M.					
1	29.563	29.514	29.152	29.510	16.5	14.6	12.6	0.074	0.078	0.076	0.076	76	82	N W	N W	N W	8.8	8.8	6.2				
2	501	622	761	628	8.9	14.8	9.7	11.1	0.59	0.56	0.70	62	77	W N W	W N W	W N W	11.3	17.9	7.2				
3	792	760	681	745	5.0	16.6	17.6	18.1	0.49	0.91	0.91	83	90	S	E N E	E N E	3.8	11.3	4.25			3rd. Lunar Halo at 10 p.m.	
4	284	28.631	28.668	28.961	18.4	21.1	26.3	22.9	0.99	1.25	1.38	121	94	S E	N E	N E	70.0	56.7	8.0			4th. Barometer very un-	
5	28.608	28.753	28.860	28.741	16.8	12.7	11.2	13.6	0.99	0.78	0.72	100	93	N E	N E	N E	11.3	22.7	11.3			steadily, varying occasionally	
6	29.037	29.102	29.127	29.089	6.8	11.9	21.1	13.3	0.59	0.77	0.96	92	81	N W	N W	N W	11.3	0.0	0.0			0.1 inch.	
7	158	198	237	198	21.6	25.5	24.1	23.7	1.15	1.19	1.32	95	85	Cal.	Cal.	Cal.	0.0	0.0	0.0				
8	253	481	765	483	22.0	15.5	5.4	13.6	0.91	0.51	0.52	75	85	W	N W	N W	8.0	13.4	5.2				
9	30.060	30.195	30.105	30.120	1.8	7.6	9.7	5.2	0.12	0.56	0.67	96	85	N N W	N N W	N N W	6.2	7.2	0.0			9th. Lowest point of Ter-	
10	29.925	29.737	29.734	29.800	15.0	27.3	29.3	23.9	0.87	1.24	1.51	121	95	Cal.	Cal.	Cal.	0.0	0.0	0.0			restrial Radiation.—89.	
11	665	516	588	590	32.2	31.8	16.1	26.7	1.62	1.63	0.80	135	89	S W	W	W	5.2	3.8	5.2				
12	713	751	806	757	7.4	9.8	4.6	7.3	0.61	0.62	0.53	92	86	N W	N W	N W	0.0	0.0	0.0				
13	628	646	408	461	3.4	15.5	21.2	14.4	0.53	0.89	1.27	90	95	Cal.	Cal.	Cal.	0.0	0.0	0.0				
14	676	726	637	680	14.5	15.2	17.6	15.9	0.74	0.82	0.92	83	88	N W	N W	N W	0.0	0.0	0.0				
15	622	489	452	488	23.2	33.5	33.1	30.0	1.17	1.65	1.71	132	91	Cal.	Cal.	Cal.	0.0	0.0	0.0				
16	814	344	676	445	33.1	34.0	13.5	26.9	1.70	1.46	0.65	127	90	S W	S W	S W	3.8	3.8	3.8			16th. Auroral light ob-	
17	859	933	886	926	3.2	0.5	0.8	1.5	0.88	0.46	0.16	94	95	S	S	S	2.0	11.3	16.0			served.	
18	753	635	634	674	0.6	6.0	2.8	2.7	0.42	0.59	0.16	93	84	N E	N E	N E	19.7	11.5	0.0				
19	815	781	841	812	9.1	3.8	7.8	6.9	0.27	0.36	0.30	87	89	W	W S W	W S W	7.2	5.2	0.0				
20	817	687	550	685	14.0	2.3	4.0	4.0	0.23	0.36	0.19	93	84	W	W N W	W N W	2.0	5.2	0.0				
21	430	465	939	681	8.2	12.0	12.6	2.5	0.60	0.55	0.18	83	85	Cal.	Cal.	Cal.	0.0	0.0	0.0				
22	30.169	30.298	30.423	30.287	17.8	11.0	8.6	12.5	0.13	0.17	0.23	103	66	Cal.	Cal.	Cal.	0.0	0.0	0.0			22nd and 23rd. A heavy	
23	30.653	30.513	30.381	30.482	16.0	4.8	2.1	7.6	0.13	0.21	0.10	92	56	Cal.	Cal.	Cal.	0.0	0.0	0.0			fog over the River St. Law-	
24	30.165	29.869	29.637	29.890	6.2	18.2	23.4	15.9	0.61	0.94	1.24	93	91	Cal.	Cal.	Cal.	0.0	0.0	0.0			rence. 23rd. At 104 a.m.,	
25	29.584	659	667	637	26.7	31.2	32.6	31.2	1.42	1.53	1.70	157	97	Cal.	Cal.	Cal.	0.0	0.0	0.0			Barometer 30.621 inches.	
26	755	572	917	637	29.8	32.0	26.1	29.3	1.62	1.62	1.27	150	93	Cal.	Cal.	Cal.	0.0	0.0	0.0				
27	753	661	797	737	26.9	29.8	31.2	29.3	1.35	1.62	1.74	157	90	E N E	E N E	E N E	7.2	2.0	0.0				
28	832	658	387	626	22.8	30.0	29.6	27.5	1.12	1.62	1.57	144	88	Cal.	Cal.	Cal.	0.0	11.3	13.9				
29	291	456	727	467	32.2	16.4	6.2	17.9	1.79	0.76	0.55	103	98	Cal.	Cal.	Cal.	0.0	12.9	11.3			29th. Halo round Moon	
30	891	911	890	867	9.8	2.4	0.8	0.3	0.41	0.37	0.42	100	91	W S W	W S W	W S W	12.4	5.2	8.8			20th in diameter.	
31	945	987	30.128	30.020	3.8	5.4	4.0	1.8	0.38	0.56	0.57	95	90	S	E N E	E N E	3.8	3.8	0.0			31st. Heavy fog at 10 p.m.	
	29.653	29.612	29.670	29.655	10.87	15.34	13.04	13.08	1.082	1.080	1.088	85	87				6.32	7.74	5.09	123	30.7		

Maximum Barometer, 10½ a.m. on the 23rd	30.621	Greatest Daily Range of Thermometer on 10th	33°-4
Minimum Barometer, 6 a.m. on the 5th.	28.608	Least Daily Range of Thermometer on 17th	3°-3
Monthly Range	2.013	Warmest Day, 25th. Mean Temperature	31.2
Monthly Mean	29.655	Cooldest Day, 21st. Mean Temperature	12.5
Maximum Thermometer on the 16th	36° 6	Climatic Difference	43.7
Minimum Thermometer on the 22nd	-19° 2	Possible to see Aurora on 10 Nights.	
Monthly Range	55.8	Aurora visible on 4 Nights.	
Mean Maximum Thermometer	19.39	Total quantity of Rain, 0.123 inches.	
Mean Minimum Thermometer	4.17	Total quantity of Snow, 39.7 inches.	
Mean Daily Range	15.21	Rain fell on 3 days.	
Mean Monthly Temperature	13.08	Snow fell on 17 days.	