

Barometer at Temp. of 32°.										Temperature of the Air.				Tension of Vapour.				Humidity of the Air.				Wind.				Rain in on surf.		WEATHER.	
DAY.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.	Mean of 24 h.	7 A.M.	3 P.M.	10 P.M.		Mean of 24 h.
1,	29.961	29.833	29.506	29.681	22.9°	24.6°	29.8°	26.6	111.1	121.1	157	131	87	89	95	88	N.	E. by N.	E. N. E.	—	—	—	—	—	—	—	—	—	O'at all day : s't's snow 3-4 pm ; r. 1-9pm
2,	29.937	29.819	29.284	29.161	40.4	36.5	35.0	36.7	124.0	130	136	151	97	70	67	69	Calm.	S. W. by W.	S. W.	1.280	—	—	—	—	—	—	—	—	Raining till 7 am : day clouded.
3,	29.874	29.637	—	—	34.4	38.5	—	—	181.131	131	—	—	92	56	—	—	W. by N.	W.	—	—	—	—	—	—	—	—	—	Densely clouded.	
4,	29.826	29.946	30.030	29.962	32.7	37.0	33.4	33.8	164.139	152	157	157	89	64	79	81	Calm.	Calm.	Calm.	—	—	—	—	—	—	—	—	—	Generally overcast.
5,	30.009	29.975	29.963	29.973	29.6	31.1	28.5	29.4	151.150	132	135	152	92	85	76	82	N. E.	N. N. E.	N. by E.	—	—	—	—	—	—	—	—	—	O'st : snowing s'tly : 5-7 am & fr 1-2pm
6,	29.894	29.852	29.803	29.835	26.2	28.2	28.6	27.5	131.138	146	138	191	89	69	92	91	N. E.	N. E.	E. by N.	not ap	—	—	—	—	—	—	—	—	O'st : driz'g rain, f'zing as it fall, f'2 pm
7,	29.640	29.517	29.372	29.482	30.4	32.4	33.4	32.2	163.169	182	175	196	96	93	96	97	E. N. E.	Calm.	Calm.	0.320	—	—	—	—	—	—	—	—	O'st : slight drizzling rain from 2-4 pm.
8,	29.941	29.955	29.790	29.596	40.2	43.0	36.4	42.2	237.177	153	211	197	97	65	74	78	N. W. by N.	W. N. W.	W. N. W.	0.315	—	—	—	—	—	—	—	—	Mostly clear : light clouds occasionally.
9,	29.978	29.903	29.717	29.822	38.5	32.4	33.2	32.5	137.166	176	164	164	88	93	94	89	Calm.	N. E.	E. by N.	—	—	—	—	—	—	—	—	—	Mostly clear : sleet and rain from 9 pm.
10,	29.277	30.251	—	—	38.5	46.6	—	—	227.192	—	—	—	98	62	—	—	Calm.	W. by S.	E. by N.	0.570	—	—	—	—	—	—	—	—	Clouded and raining am : mostly cir pm.
11,	29.584	29.613	29.680	29.640	28.7	29.8	29.4	29.7	145.117	125	130	130	91	70	76	78	W. by N.	W. by S.	S. W. by W.	0.025	—	—	—	—	—	—	—	—	Clouded all day.
12,	29.735	29.773	29.843	29.797	24.4	30.4	28.6	28.1	121.122	107	119	119	90	72	67	76	Calm.	W. by S.	Calm.	—	—	—	—	—	—	—	—	—	C'p'd till 10 pm : clear spaces fr 11 pm
13,	29.831	29.721	29.640	29.716	25.3	34.2	31.0	32.5	124.141	162	151	189	89	71	94	82	N. N. E.	E. S. E.	Calm.	—	—	—	—	—	—	—	—	—	M'ly cir : driz'g : s'p'd motor 9h 16m pm
14,	29.630	29.512	29.377	29.509	28.0	40.8	38.8	37.3	145.205	212	191	191	91	81	91	85	Calm.	Calm.	Calm.	—	—	—	—	—	—	—	—	—	Mostly clear : somewhat hazy : fine day
15,	29.596	29.740	29.748	29.697	32.6	35.4	29.2	31.3	165.142	131	137	187	90	69	80	78	N. N. W.	N by W	N E by E.	—	—	—	—	—	—	—	—	—	Clouded till 9h 45m pm : very fine day
16,	29.525	29.301	29.309	29.373	35.6	43.0	39.0	38.5	171.233	178	194	194	82	85	75	75	E S E	S. by W.	W.	—	—	—	—	—	—	—	—	—	Generally clouded : clear spaces.
17,	29.516	29.394	—	—	35.0	38.0	—	—	146.181	—	—	—	72	79	—	—	S. W.	Calm.	Calm.	—	—	—	—	—	—	—	—	—	O'st, light cl'ds & haze : arch auroral l.
18,	29.586	29.438	29.346	29.448	33.6	39.4	37.4	36.6	181.155	191	175	195	95	64	87	81	Calm.	E.	Calm.	—	—	—	—	—	—	—	—	—	Greatly cl'd : faint auroral l. 10-11 pm.
19,	29.334	29.617	29.831	29.638	37.0	41.3	32.0	33.3	210.168	121	181	181	96	65	68	73	Calm.	N. W.	N. W. by N.	—	—	—	—	—	—	—	—	—	P'zing cl'ds fr 2-4 pm : cl'd am & fr 9 pm
20,	29.310	29.797	29.777	29.829	23.0	29.0	24.8	24.7	114.124	108	111	189	89	77	79	81	N. by E.	Calm.	N. by E.	—	—	—	—	—	—	—	—	—	Densely clouded all day.
21,	29.770	29.781	29.849	29.780	20.6	18.0	11.0	15.4	107.091	167	085	155	92	89	88	89	Calm.	N. E. by N.	N. E. by N.	—	—	—	—	—	—	—	—	—	P'ly c'p'd : snowing fr 6 am till 10 pm.
22,	29.553	29.998	29.887	29.676	10.0	12.8	7.2	10.1	064.076	065	072	088	88	90	98	97	N. N. E.	N. N. W.	Calm.	—	—	—	—	—	—	—	—	—	Snowing and drifting till 3 pm : cloudy
23,	30.008	29.983	29.904	29.950	9.2	23.3	20.4	17.4	068.098	094	088	088	96	76	83	87	Calm.	Calm.	Calm.	—	—	—	—	—	—	—	—	—	P'ly o'st : particles of snow occasionally
24,	29.516	29.346	—	—	27.4	33.0	—	—	133.149	—	—	—	88	84	—	—	S. E.	Calm.	Calm.	0.240	—	—	—	—	—	—	—	—	Sit. sm. 7-8 am : F fr 3m am till 2 pm.
25,	29.446	29.403	—	—	36.6	31.2	—	—	134.158	—	—	—	62	84	—	—	Calm.	W. by N.	W. by N.	—	—	—	—	—	—	—	—	—	Densely overcast all day.
26,	29.972	30.146	30.134	30.083	20.0	24.2	16.4	20.3	108.094	088	102	102	96	70	91	90	N. W.	E. by S.	Calm.	—	—	—	—	—	—	—	—	—	Mostly clear : light clouds dispersed.
27,	29.842	29.462	29.464	29.582	25.0	32.4	28.2	28.2	118.166	133	134	134	86	91	85	86	S. E.	S. by E.	W. by N.	—	—	—	—	—	—	—	—	—	D. sly o'st : snowing fr 11 am till 10 pm.
28,	29.768	29.785	29.721	29.756	17.0	27.8	30.6	26.2	087.105	148	125	185	89	67	86	83	Calm.	S. W.	S. W.	—	—	—	—	—	—	—	—	—	Clear till 4 pm : overcast from 9 pm.
29,	29.614	29.517	29.473	29.523	30.1	33.0	21.0	25.8	169.153	107	130	190	95	81	91	90	S. W. by S.	S. S. W.	Calm.	—	—	—	—	—	—	—	—	—	Generally cl'd : cir spaces occasionally
30,	29.426	29.343	29.502	29.444	15.4	31.7	39.4	25.7	087.128	125	115	115	93	71	76	81	Calm.	W. by S.	Calm.	—	—	—	—	—	—	—	—	—	Mostly clear am : clouded from 9 pm.
31,	29.772	29.892	—	—	27.6	30.0	—	—	132.126	—	—	—	86	74	—	—	N. W.	N. W.	Calm.	—	—	—	—	—	—	—	—	—	P'ly o'st till 10 pm : snowing fr 4-10 pm
Mean	29.657	29.675	29.673	29.6782	26.6	31.7	28.5	29.12	0140	0141	0136	0140	92	77	84	83	4.44 miles	6.47 miles	5.70 miles	2.750	—	—	—	—	—	—	—	—	Toronto Bay crossed upon ice by foot passengers on the 25th.

Toronto Bay crossed upon ice by foot passengers on the 23rd.

Proportion of Wind from each Quarter.				Temperature for November.				Rain.				Winds.				Hail.				Snow.			
From	N. 1057.7 miles.	E. 972.8 "	S. 1149.4 "	Mean.	Max.	Min.	Range.	No. Days.	Inches.	Winds.	Mean.	Days.	Inch.	Winds.	Mean.	Days.	Inch.	Winds.	Mean.	Days.	Inch.		
Highest Barometer,	29.117 on 26th, a. p. m.	28.417 on 29th, 7 a. m.	28.717 on 29th, 7 a. m.	28.75	46.1	3.6	42.5	3	6.60	233	79	1.33	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Lowest Temperature,	43° 8' on 28th, 11 a. m.	43° 8' on 28th, 11 a. m.	43° 8' on 28th, 11 a. m.	25.8	40.5	4.1	36.4	3	0.889	478	170	0.74	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Lowest do.	1° 2.1 on 8th, a. m.	1° 2.1 on 8th, a. m.	1° 2.1 on 8th, a. m.	18.12	25.8	4.1	36.4	3	0.889	1812	25.8	4.1	36.4	3	0.889	1812	25.8	4.1	36.4	3	0.889		
Mean Nix. Therm.,	31.10—Mean Nix. Therm.,	23.63	23.63	30.83	48.5	3.1	45.4	6	1.040	1843	30.83	48.5	3.1	45.4	6	1.040	1843	30.83	48.5	3.1	45.4		
Mean Nix. Range,	31.10—Mean Nix. Range,	11° 06'	11° 06'	28.83	48.5	1.6	46.9	2	1.216	339	261	0.40	6	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2		
Extreme Daily Range,	36° 5' from am of 19th to am of 23rd and	36° 5' from am of 19th to am of 23rd and	36° 5' from am of 19th to am of 23rd and	27.64	49.4	0.3	49.5	5	1.185	441	183	0.70	12	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7		
From am to pm of 23rd.	23rd.	23rd.	23rd.	1845	49.4	0.3	49.5	5	1.185	423	200	0.35	8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		

Snow in inches on surface—not appreciable on the 2nd and 3rd.—5th, 0.7; 6th, 0.4; 21st, 0.3; 22d, 7.0; 23d, 5.0; 24th, 0.1; 25th, 3.0; 26th, 1.65.
 The approximate mean of the Barometer is derived from ten observations daily; the means of the other elements are taken from four observations daily viz., 9 and 10 a.m., and 9 and 10 p.m. The whole are close approximations to true means. Further explanatory notes will be found at the foot of all the Registers of 1846, 1846 and 1847.
 Magnetic Disturbances in December.—None.