

METEOROLOGICAL OBSERVATORY AT UNIVERSITY OF QUEEN'S COLLEGE, KINGSTON, FOR JANUARY, 1856.

BY JAMES CARMICHAEL AND JOHN MAY.

Latitude 44°. 13'. 30". Longitude 76°. 31'. 51". Height above the Sea 280 feet.

Day of the Week.	Day of the Month.	Observations taken at 9, A. M., (Local Time.)										Observations taken at 3, P. M. (Local Time.)						Observations taken at 3, P. M., (Local Time.)						Remarks.								
		Barometer.			Hygrometer.				Wind.		Cloud.	Self-Registering Thermometers.			Rain in previous 24 hours.		Wind. Max. in previous 24 hours.	Barometer.			Hygrometer.					Wind.		Cloud.				
		Barometer Reading.	Thermometer.	Corrected for Index error, Capillary action, and to temperature of 32°.	Dry Bulb Therm.	Wet Bulb Therm.	Temp. of Dew-point computed.	Elastic Force of Vapour.	Humidity 0-1.	Direction.	Force in lbs. per square foot.	0-10.	Dry Bulb.			Wet Bulb.		On Ground.	Feet above Ground.	Barometer Reading.	Thermometer.	Corrected for Index error, Capillary action and to temperature of 32°.	Dry Bulb Therm.			Wet Bulb Therm.	Dew-point computed.	Elastic Force of Vapour.	Humidity 0-1.	Direction.	Force in lbs. per square foot.	0-1.
													Max. in Air.	Min. in Air.	Mean in Air.		Min. Wet.															
Tuesday	1	29.900	32.5	29.905	18.5	18.	14.2	.104	.785	W.S.W.	1.125	1	21.	18.25	19.625	17.75	...	...	4.25	29.020	40.	29.996	21.5	21.	17.3	.117	.941	W.	.875	1	Small	Beautiful.
Wednesday	2	29.100	32.	29.097	24.	23.5	19.75	.128	.765	S.	.125	4	26.75	17.5	22.125	16.5	...	...	0.00	30.016	41.	29.991	25.75	24.75	19.3	.126	.939	S.	.0	4		
Thursday	3	29.592	40.2	29.568	31.5	30.5	30.5	.189	.768	S.	.75	10	34.00	24.	29.	23.	...	...	1.50	29.530	42.	29.500	32.	30.	25.8	.160	.802	W.	.875	0	Pox.	Bay frozen over.
Friday	4	30.262	36.	30.248	2.	1.5	-2.25	.068	.642	W.N.W.	1.125	0	32.	1.	16.5	5.	...	...	4.25	30.382	47.	30.337	7.	6.5	2.7	.068	.678	W.N.W.	1.	0		
Saturday	5	30.200	30.	30.202	-2.	-2.5	-2.25	.060	.640	N.E.	.5	5	0.	-3.5	-1.75	-3.5	...	...	1.25	30.042	33.75	30.033	1.	1.	1.	.064	1.000	N.E.	1.	10	Infu-	
Sunday	6	29.836	27.	29.838	2.	1.5	2.25	.088	.842	N.E.	1.000	4	8.5	-2.5	5.5	-3.5	...	...	1.25	29.862	30.5	29.864	9.75	9.	3.5	.070	.731	N.E.	.875	4	enza.	Snowy and stormy.
Monday	7	29.838	35.25	29.827	17.	16.25	10.2	.090	.780	E.	.75	10	18.	4.	11.	2.	Snow ...	1.50	29.868	54.5	29.803	18.	17.5	12.9	.099	.828	E.	.875	10			
Tuesday	8	29.452	34.	29.443	19.5	10.	6.25	.077	.783	W.S.W.	1.125	10	20.	2.	11.	2.	...	...	7.00	29.520	37.5	29.407	2.	1.5	-2.2	.068	.642	W.S.W.	1.	8		
Wednesday	9	29.604	31.	29.603	2.5	-3.	1.8	.066	.681	W.	.875	10	0.	-1.5	-7.5	-1.5	...	...	2.50	29.642	54.75	29.578	1.25	1.	8.	.067	.679	W.	1.5	2		
Thursday	10	29.720	28.5	29.725	0.	0.	0.	.051	1.000	W.	.125	9	14.	-2.5	8.25	-2.5	...	...	3.25	29.578	54.5	29.514	14.	13.5	9.7	.088	.871	W.	1.	1		
Friday	11	30.062	31.5	30.061	19.	18.	10.5	.091	.730	W.	.25	5	24.	10.	17.	9.	...	...	2.125	30.100	55.5	30.033	24.5	23.	16.7	.115	.762	W.	.875	8	Rheu-	
Saturday	12	30.086	41.	30.058	19.	18.	10.5	.091	.732	W.	1.25	7	24.5	18.5	21.5	17.5	...	...	.375	30.005	44.5	29.964	22.5	22.	18.2	.121	.937	N.E.	.125	19	ma-	Stormy with snow and wind.
Sunday	13	29.426	31.	29.425	16.	15.5	11.75	.096	.686	N.	1.	10	21.	13.5	17.25	13.	...	...	4.00	29.294	30.	29.280	18.5	18.	14.2	.104	.785	N.E.	1.25	10	tisms.	Mild and pleasant.
Monday	14	29.498	33.	29.492	18.	17.	9.5	.088	.728	N.E.	.25	10	23.	11.	17.	10.5	12 inches.	2.75	29.568	57.75	29.495	22.	21.	13.5	.102	.728	N.	.875	6			
Tuesday	15	29.592	43.	29.560	12.5	12.	8.25	.084	.946	N.W.	.5	9	22.5	16.5	19.5	15.5	...	...	0.25	29.582	53.	29.510	19.25	19.	16.6	.114	.874	N.W.	.0	1		
Wednesday	16	29.404	37.5	29.388	22.	21.25	15.2	.068	.775	S.W.	.875	10	25.5	3.	14.25	2.5	...	...	3.125	29.330	63.	29.265	24.75	24.	18.3	.121	.937	S.W.	1.25	10	Cold,	Snowy.
Thursday	17	29.296	43.5	29.234	25.	24.75	23.7	.148	.952	W.	0.	10	31.	28.	29.5	22.	1 inch.	2.50	29.344	61.	29.284	30.	29.25	27.2	.168	.905	W.	.25	10	&c.,		
Friday	18	29.582	48.	29.536	23.75	23.25	19.6	.127	.886	W.N.W.	.5	5	31.	22.	26.5	21.	...	...	0.00	29.574	63.	29.489	29.5	29.	20.	.161	.898	W.S.W.	0.	10	&c.,	
Saturday	19	29.767	39.	29.745	4.5	4.	.25	.074	.782	N.N.E.	.25	5	28.5	4.	16.25	2.5	...	...	1.50	29.298	44.5	29.266	7.5	7.	3.2	.069	.775	N.N.E.	.5	0		
Sunday	20	29.820	37.25	29.804	-4.5	-3.5	-4.	.052	.643	N.N.E.	.25	10	7.	-7.5	-25	-8.75	...	...	0.25	29.720	35.5	29.709	8.	7.5	3.7	.085	.680	N.N.E.	.25	10		
Monday	21	29.674	38.5	29.658	6.	5.	-2.5	.051	.731	N.N.E.	0.	1	11.25	5.	8.125	4.5	...	...	0.75	29.658	54.	29.597	9.75	9.25	5.5	.087	.727	S.W.	0.	5	Scarlet	Solar halo.
Tuesday	22	29.648	33.5	29.642	-1.5	-1.25	.6	.048	.679	N.	.25	0	17.25	-5.25	6.	-5.	...	...	.60	29.668	45.	29.630	18.	17.5	14.6	.106	.878	W.	.25	10		
Wednesday	23	29.694	31.5	29.693	14.	13.75	12.3	.097	.938	W.	2.	6	26.	11.	18.5	11.	...	...	0.25	29.748	62.	29.692	26.	25.	19.9	.129	.804	W.S.W.	1.	0	Fever	Flumes of snow.
Thursday	24	29.670	38.5	29.651	21.5	21.25	19.3	.126	.939	S.W.	.75	0	26.5	21.	23.75	21.	...	...	4.125	29.606	65.5	29.542	23.	22.75	21.3	.136	.943	S.W.	.75	10		
Friday	25	30.198	38.75	30.178	-6.	-5.75	-3.8	.036	.680	N.W.	.5	0	19.	-9.	5.	-7.	...	...	3.50	30.284	66.	30.216	6.	5.75	3.8	.071	.690	W.N.W.	.5	0	in the	Very bright.
Saturday	26	30.244	38.	30.224	1.	1.	1.	.053	1.000	N.	0.	3	14.	-1.75	6.875	.5	...	...	0.75	30.142	38.	30.122	14.25	13.25	7.2	.080	.782	N.	.0	0	vicinity	
Sunday	27	29.762	27.	29.764	3.	2.75	.85	.063	.679	W.	0.	10	16.	-4.	6.	-1.	...	...	0.00	29.610	39.	29.588	17.	16.75	15.3	.109	.943	N.	.0	10		
Monday	28	29.288	37.	29.272	13.	12.5	8.7	.088	.871	N.N.E.	0.	8	18.	14.	16.	14.	...	...	0.00	29.341	55.	29.277	18.	17.75	16.3	.113	.939	N.N.E.	.0	10		
Tuesday	29	29.570	42.	29.540	19.	18.5	15.6	.110	.882	N.W.	0.	8	24.75	15.	19.875	14.	...	...	0.00	29.544	57.	29.475	23.	21.	7.7	.082	.571	N.N.W.	.25	10		
Wednesday	30	29.376	45.5	29.338	19.	18.75	16.4	.114	.882	W.	1.25	8	20.5	17.	18.75	16.5	...	...	2.50	29.386	56.75	29.319	20.	18.5	6.4	.078	.601	W.S.W.	0.	10	of the City.	
Thursday	31	29.676	43.	29.644	9.5	9.	5.2	.074	.727	W.	3.00	8	16.	7.	1.5	5.5	...	...	4.50	29.616	56.	29.549	16.	14.5	4.1	.072	.643	W.	.25	8		
Sums		920.837	1124.75	920.363	354.75	342.5	283.52	2.680	24.354	...	20.375	200	621.5	245.75	438.75	246.	17	...	60	919.778	1533.5	918.362	529.	567.5	370.5	3.150	24.899	...	17.375	188		
Means		29.704	36.28	29.689	11.45	11.05	9.14	.086	.788	...	.657	6.5	20.05	7.92	14.1	7.93	.55	...	1.94	29.670	49.6	29.624	17.	16.4	11.9	.102	.803	...	.560	6.06		

ABSTRACT.	Barometer.		Thermometer.		Hygrometer.				Self-Registering Thermometers.				Rain.		Wind.		Cloud.					
	Inches.	Inches.	Temperature of Air.		Temperature of Evaporation.		Temperature of Dew-point.		Elastic Force of Vapour.		Humidity 0-1.		Max. in Sun's rays.	Max. in Air.	Min. in Air.	Max. Wet.	Min. Wet.	Inches in 24 hours.	Pressure in lbs.	0-10.		
	Max.	Mean.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
	30.248	29.689	31.5	30.	30.5	30.	30.5	27.2	.148	.168	1.	1.	71	34	28	...	23	12	3	1.5	10	10
	29.639	29.620	11.45	17.	11.05	16.4	9.14	11.9	.086	.102	.786	.803	...	20.05	7.92	...	7.9	5.5	.657	.560	6.5	6.06
	29.234	28.996	6	1.	-5.75	1.	-4.	-2.2	.086	.064	.642	.571	...	0.	-9	...	-8.75	0.	0.	0.	6.	0.