

ABSTRACT FOR THE MONTH OF APRIL, 1874.

DAY.	THERMOMETER.					Mean.	BAROMETER.					Rain and Sleet.	Snow.	Constant + 0.10° used in all Barometer Readings.	
	a. m.	3 p. m.	9 p. m.	Mean.	Max.		Min.	Range.	9 a. m.	3 p. m.	9 p. m.				Mean.	Melted.
1	8.5	24.5	17.5	19.5	25.5	0.5	25.0	30.330	30.145	30.087	30.181	Coldest day. Greatest range ther. 35.	
2	24.7	43.0	27.5	35.1	33.7	8.0	35.0	29.875	29.765	29.715	29.755	.....	0.07	
3	30.5	32.2	28.5	23.7	23.7	3.7	26.5	.698	7.03	7.76	6.91	.....	.....
4	11.6	21.0	15.8	15.4	21.5	6.0	15.5	30.948	.897	30.686	30.690	.....	.....
5	24.2	33.2	32.0	29.8	34.1	12.0	22.1	30.170	30.115	29.685	30.073	.....	.....
6	34.7	43.5	31.5	33.8	36.5	27.5	11.0	29.698	29.620	29.525	29.791	Aurora midnight.	
7	34.7	43.5	37.5	38.5	46.5	5.0	16.8	.288	8.45	.976	.929	.....	Inapp.	
8	35.2	43.5	30.5	30.0	38.0	28.5	11.0	30.055	30.018	30.025	30.032	.....	0.17	
9	28.5	38.8	30.8	31.8	37.8	26.8	11.0	.190	9.085	1.85	1.17	.....	.....
10	26.0	38.8	30.4	29.8	34.2	24.8	9.5	29.840	29.840	29.840	29.841	Highest Barometer.	
11	31.8	36.2	26.0	31.3	42.0	24.5	17.5	.785	9.943	10.150	9.609	.....	0.15	
12	18.0	31.5	25.0	25.0	32.0	10.2	22.1	30.385	30.425	30.413	30.413	Warmest day.	
13	42.5	40.5	33.7	31.4	43.0	20.7	21.3	.458	2.988	1.32	2.27	.....	.....
14	42.5	52.5	43.5	46.1	53.2	38.5	14.7	29.987	29.897	29.775	29.866	Snow, sleet and rain.	
15	48.6	51.5	49.8	49.9	63.2	25.0	14.3	.657	3.47	5.66	4.17	.....	.....
16	31.5	38.5	32.7	34.2	37.1	26.8	10.8	30.060	30.195	30.198	30.151	.....	.....
17	32.0	.....	.....	32.0	37.1	26.8	10.3	.288	.....	.....	.288	.....	.....
18	36.0	51.0	.....	36.0	47.8	21.1	23.7	.817	.....	.....	.817	.....	.....
19	37.0	50.7	40.2	40.2	53.0	35.0	17.8	.187	30.295	30.285	30.229	0.84	Snow and rain.	
20	34.8	31.5	34.0	31.4	34.8	30.2	4.6	137	29.873	29.615	29.575	.....	Inapp.	
21	35.8	37.0	34.0	35.7	37.6	32.5	5.0	29.498	29.498	29.498	29.498	First vessel entered port.	
22	38.5	43.0	37.0	38.1	44.2	27.5	16.7	.687	.056	2.835	.879	.....	.....
23	38.5	43.0	38.2	43.8	43.8	29.8	14.8	.688	.838	2.843	.879	Snow storm.	
24	39.2	43.7	39.8	43.5	49.8	27.0	22.8	30.005	30.118	30.106	30.126	.....	0.11	
25	43.2	48.7	43.0	48.2	48.8	25.5	14.5	30.065	30.118	30.106	30.126	Least range ther. 3.2	
26	43.2	48.7	43.0	48.2	48.8	25.5	14.5	30.065	30.118	30.106	30.126	.....	.....
27	32.6	34.2	34.2	33.9	35.2	3.2	3.2	20.615	29.641	29.778	29.678	Lunar Halo.	
28	41.8	43.8	38.7	40.3	43.8	31.8	11.0	30.015	30.026	30.015	30.039	.....	0.67	
29	37.5	38.0	31.0	34.0	37.2	25.0	4.2	30.075	30.075	30.075	30.075	Lowest Barometer.	
30	31.5	38.2	33.8	35.2	39.0	26.5	12.5	29.646	29.646	29.646	29.646	.....	0.21	
MEANS	31.20	38.80	37.59	39.85	24.93	37.62	1.03	1.44

ANALYSIS OF METEOROLOGICAL OBSERVATIONS BY T. D. KING FOR THE MONTH OF APRIL, 1874.

Mean temperature of the month, 37.52; mean of the maxima and minima temperatures, 32.39; greatest heat on the 14th, 54.23; greatest cold on the 1st, 0.5 above zero—giving a range of temperature of fifty-four degrees. Greatest range of the thermometer on the 2nd, 35.0; lowest range on the 26th, 3.2.

Mean height of the barometer corrected for temperature 32°, and reduced to sea level (constant applied + 0.100) 29.989; highest reading of barometer on the 13th, 30.456; lowest reading on the 30th, 29.345—giving a range of 1.111 inches.

Rain and snow fell on fourteen days; amount of precipitation when the snow was reduced to its equivalent of water, 2.47 inches. Beckoning 10 inches of snow to be equivalent to 1 inch of rain-water, the depth of the snow fall may be estimated at 1 foot 5 inches.