

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.			HYGROMETER.			
	Barometer reduced to 32° F. and attached Thermometer.	7	8	9	7	8	9
	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.
<i>Sunrise</i>							
	9:30 P.M.	<i>Sunrise</i>	1:30 P.M.	9:30 P.M.			
1	30.54	30.45	-22	6	-12		
2	30.37	30.19	-8	15	18		
3	30.09	30.00	22	38	28		
4	29.95	29.97	27	41	27		
5	29.98	30.05	22	36	20		
6	30.12	30.02	6	27	12		
7	29.73	29.17	23	34	34		
8	29.26	29.85	36	29	12		
9	29.97	29.87	-4	20	12		
10	29.64	29.52	24	44	32		
11	29.70	29.67	26	48	40		
12	29.50	29.62	36	50	34		
13	29.90	29.81	19	27	16		
14	29.68	29.87	20	30	7		
15	29.80	29.80	-4	12	2		
16	29.79	29.80	-4	20	7		
17	29.85	29.88	1	26	16		
18	29.81	29.70	15	40	31		
19	29.48	29.62	28	36	0		
20	29.66	29.40	-11	14	11		
21	29.35	29.38	11	21	3		
22	29.42	29.10	-15	17	16		
23	28.97	29.57	7	-3	-16		
24	29.74	29.78	-24	7	7		
25	29.79	29.75	9	30	32		
26	29.45	28.58	39	46	46		
27	28.70	29.06	31	10	10		
28	29.05	29.05	8	13	14		
29	29.04	29.30	11	17	11		
30	29.36	29.48	11	22	17		
31	29.64	29.79	8	8	17		

	1839	1838	1837	1836	1835
Mean Pressure	29.652	29.683	29.336	29.478	29.607
Maximum "	30.57	30.02	29.77	30.05	30.01
Minimum "	28.58	28.93	28.47	29.07	28.79
Number of Observations below zero.	12	5	25	10	20

	1839	1838	1837	1836	1835
Mean Temp. of Jan.	16.63	26.51	10.57	19.30	17.67
" " at Sunrise	11.22	21.49	1.06	14.90	14.34
" " 1/2 P.M.	22.71	32.48	19.97	25.30	24.34
" " 9/2 P.M.	75.97	25.55	10.74	17.60	18.34
Maximum temperature	57.00	48.00	46.00	42.00	47.00
Minimum "	-24.0	-11.0	-31.0	-14.0	-32.0

DARTMOUTH COLLEGE,

January 1839

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Snow.	Rain.	
1	0	0	0	0	N	N	N	N			At 11 a.m. Barom. 30.57 attached Therm. 19°.
2	.9	.8	.8	.8	SW	SW	SW	SW			Light snow through day, 2 1/2 inches.
3	.8	.8	.9	.9	SE	SW	NW	NW			
4	.7	.6	.6	.6	SW	SW	NW	NW			
5	.7	.6	.9	.9	NW	NW	NW	NW			
6	.3	0	0	0	NW	NW	NW	NW			
7	.8	.9	.8	.8	SW	SW	SW	SW			Sleet from 9 a.m. through day, .20.
8	.6	0	0	0	NW	NW	NW	NW			High wind from 3 a.m. to 10.
9	0	0	.7	.7	NW	NW	NW	NW			
10	.9	.4	0	0	S	S	SE	SE			Snow from midnight, 1 inch.
11	.5	0	1.0	1.0	SE	S	SE	SE			Rain from 6 P.M. through night, .25.
12	1.0	.4	.4	.4	SE	SE	W	W			High wind from 4 P.M.
13	0	0	.5	.5	NW	N	N	N			
14	.7	0	0	0	NE	N	NW	NW			Aurora Borealis.
15	0	0	0	0	NW	N	N	N			
16	0	0	0	0	NW	NW	NW	NW			
17	0	0	.2	.2	NW	NW	NW	NW			
18	.6	.5	.9	.9	SW	SW	SW	SW			
19	.8	.8	0	0	SW	SW	NW	NW			Snow squall from 2 to 3 P.M. Aurora Det.
20	0	0	.2	.2	NW	NW	NW	NW			Hazy - Halo around the moon.
21	.9	.3	.1	.1	SW	NW	N	N			Snow from 6 to noon, 1/2 inch Aurora Det.
22	.5	.6	.9	.9	NE	NE	NW	NW			Snow from 6 to 9 P.M., 1 inch.
23	.7	.4	0	0	NW	NW	N	N			High wind from 9 1/2 a.m.
24	0	.6	.6	.6	N	SW	SW	SW			
25	.0	.6	.6	.6	SW	SW	SW	SW			
26	.9	1.0	.8	.8	SE	SE	SE	SE			Great storm - rain from 4 a.m. to mid-
27	.6	.6	.0	.0	SW	W	W	W			night - High wind and violent storm from
28	.7	.9	.6	.6	NW	N	N	N			7 P.M. to 11 P.M., 1.25 inches.
29	.7	.6	.6	.6	N	NE	N	N			(27) Snow all swept off by the storm.
30	.3	.6	.6	.6	N	N	N	N			(28) Squally through day.
31	.6	.0	.3	.3	N	N	SW	SW			

	1839	1838	1837	1836	1835
Average Cloudiness	.43	.38	.50		
Fair days	7	10	11	3	11
Cloudy days	11	5	15	17	18
Variable "	13	16	5	11	12
Rain and Snow	2.20	2.55	3.80	3.85	
Snow	5.0	6.00	38.00	42.5	25.00
Kind, N19, NW31, NE4, W3, S3, SW24, SE9.					

Copied from Vt. Chronicle by G. J. M. Feb. 24, 1928.

METEOROLOGICAL OBSERVATIONS.

Table with columns for DATE, Barometer reduced to 32° F. and attached Thermometer, THERMOMETER (Mean, Max, Min), and HYGROMETER (D. B., W. B.).

Summary for February Summary for 3 Winter months.

Summary table with columns for years (1834-1837) and rows for Mean Temp., Maximum Temperature, Minimum Temperature, No. of observations, Mean Pressure of Atmosphere, Average Cloudiness, Fair days, Cloudy days, Variable, Rain and melted snow, Snow in inches, and Winds.

DARTMOUTH COLLEGE, February 1839

Table with columns for DATE, CLOUDS, WIND, PRECIPITATION, and REMARKS. Includes handwritten notes like 'Snow from 6 to 9 P.M. 1 in. High wind' and 'Aurora Borealis, through the night'.

Copied from (original records) N.H. Chronicle by E. S. M. Feb. 25, 1928.

The winter has been much milder than the average of the five past winters, although somewhat colder than that of last year. February has been remarkably warm, especially the last half of it. The temperature of the first two weeks being about 14.6, and of the last two, 34.9. There has been no sleighing in this region since the 20th of January.

METEOROLOGICAL OBSERVATIONS.

Table with columns for DATE, Barometer reduced to 32° F. and attached Thermometer, THERMOMETER (Mean, Max, Min, D. B., W. B.), and HYGROMETER (D. B., W. B.). Rows 1-31 contain daily observations.

Summary table for March with rows for Mean Temp., Maximum Temperature, Minimum Temperature, No. of obs. at or below zero, Mean Pressure of Atmos., Average Cloudiness, Fair days, Cloudy days, Variable, Rain and Snow, and Snow.

Summary for March

Winds, N7; NW29; NE3; W7; S4; SW26; SE17.

DARTMOUTH COLLEGE, March 1839 19

Table with columns for DATE, CLOUDS (Kind, Amt, Direc), WIND (Direc, Amt), PRECIPITATION (Snow, Rain), and REMARKS. Rows 1-31 contain daily observations with handwritten notes.

Copied from N. Chronicle by G. S. M. February 27, 1928