

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.				HYGROMETER.			
	Barometer reduced to 32° F. and attached Thermometer.	7	2	9	7	2	9	
		Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.
1	30.05	29.92	31	42	26			
2	29.87	29.67	17	41	34			
3	29.60	29.72	34	47	38			
4	29.85	29.93	35	37	34			
5	29.71	29.47	34	45	41			
6	29.77	29.87	31	41	25			
7	29.72	29.48	22	45	46			
8	29.30	29.90	49	35	23			
9	29.98	29.76	13	26	27			
10	29.68	29.75	27	25	15			
11	29.80	29.67	3	18	16			
12	29.88	29.85	13	25	16			
13	29.80	29.81	14	35	24			
14	29.71	29.35	18	20	37			
15	29.13	30.51	38	37	27			
16	29.50	29.50	22	43	36			
17	29.40	29.35	36	43	49			
18	29.55	29.61	34	38	32			
19	29.20	29.25	32	34	20			
20	29.70	29.85	5	20	12			
21	29.80	29.85	11	27	16			
22	29.95	29.99	5	18	9			
23	29.95	29.87	0	30	25			
24	29.87	29.92	24	38	33			
25	30.02	29.97	24	40	34			
26	29.60	29.80	35	45	38			
27	29.98	29.44	28	40	31			
28	28.95	29.22	30	42	17			
29	29.27	29.52	18	22	6			
30	29.50	29.64	-6	2	-4			
31	29.74	29.93	-11	6	-2			

The month has been as remarkable for the mildness of the weather, as January of last year was for its severity. The average temperature of the two corresponding months differed nearly 16° and the difference at sunrise was more than 20°—a range between the temperature of corresponding months, which, I believe, is unprecedented. There was no slighing from the 25th of December to the 28th of January.

Mean Pressure 29.683 29.386 29.478 29.607 Mean Temp of Jan. 26.51 10.57 19.30 17.67
 Maximum " 30.02 29.77 30.05 30.01 " " at sunrise 21.49 1.06 14.90 10.34
 Minimum " 28.93 28.47 29.07 28.79 " " 1 1/2 P.M. 32.48 19.97 25.30 24.34
 No. of observations 5 25 10 20. Maximum temperature 48.00 46.00 42.00 47.00
 Minimum " -11.00 -31.00 -14.00 -32.00

DARTMOUTH COLLEGE,

January 1838

19

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
1	19	17	0		W	SW	S				Hazy
2	0	12	16		S	SW	S				Calm
3	16	17	16		S	S	SW				Calm (when wind veered to SE)
4	110	110	0		S	SE	SE				Rain and fog from 5 to 9 A.M. 30—
5	110	110	12		S	S	SW				Foggy at 5 P.M. Bar. 29.40. and wind veered to S.W. and with rain.
6	1	1	1		W	NW	W				At 6 P.M. Beautiful iridescent halo around the moon.
7	2	13	18		W	SW	S				Brisk wind from S. ground bare of snow.
8	15	16	0		SW	NW	N				Rain from 3 A.M. to 9:30. — wind veered to NW at 9 A.M. snow.
9	10	19	15		N	SE	SE				Barom. 30.02 at 11 A.M. when wind changed by E to SE.
10	14	15	15		NW	NW	N				Wind brisk
11	0	12	1		N	W	W				Brisk
12	18	14	16		W	W	NW				Calm
13	13	15	0		W	SW	SW				Calm
14	13	14	17		SW	SW	SW				Calm - Hazy
15	18	12	13		W	NW	NW				Rain from 4 to 7 A.M. 25. Snow squall from 11 to 12, one inch, and from 3 to 4.
16	1	0	0		W	SW	SW				Faint Aurora Borealis
17	16	19	110		SW	SW	SW				Rain from 10 A.M. to 2 P.M. 108.
18	13	19	19		NE	SE	SE				Wind changed to SE with slight rain.
19	110	110	19		SE	SE	NW				Rain from 3 A.M. to 1 1/2 P.M. Bar. 28.93, when wind changed to SW and W. and rain to snow. High wind.
20	0	0	0		NW	NW	NW				Calm
21	13	13	12		NW	NW	NW				Calm. Light snow from 6 to 9 P.M. 1/2 in.
22	0	13	13		NW	NW	NW				
23	10	12	16		N	NE	SE				Hazy.
24	13	12	12		SW	SW	SW				Hazy at night. Faint Aur. Bor.
25	0	10	16		SW	SW	SE				Hazy evening.
26	110	16	13		SE	SE	SW				Rain from 3 A.M. to 1 P.M. 150
27	1	13	110		NW	NE	E				Snow from 8 1/2 A.M. to 7 1/2 A.M. 5 inches
28	18	16	18		W	SW	W				
29	1	19	0		W	NW	NW				Snow squall, 11 A.M. to sunset, 1/2 in.
30	0	0	0		N	N	N				(High wind in evening.)
31	0	0	0		N	N	N				

Average Cloudiness 38.50
 Cloudy days 5 15 17 18
 Fair days 10 11 3 11
 Variable 16 5 11 12
 Rain and snow 2.55 3.80 3.85
 Snow 6.00 38.00 42.5 25.00
 Winds, N 11, NW 20, NE 3, W 14, SE 9, SW 23, E 1.

Copied from original records by E. J. M. Jan. 16, 1928.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.				HYGROMETER.									
							7	2	9								
	<i>sunrise</i>	<i>#</i>	<i>9:30 P.M.</i>	<i>sunrise</i>	<i>#</i>	<i>1:30 P.M.</i>	<i>#</i>	<i>9:30 P.M.</i>	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.90		29.75	-4	20	14											
2	29.64		29.50	-7	15	-2											
3	29.36		29.26	3	15	9											
4	29.22		29.34	7	21	4											
5	29.30		29.54	-10	16	5											
6	29.55		29.70	3	30	14											
7	29.74		29.57	-3	29	22											
8	28.30		29.24	21	42	28											
9	29.16		29.15	26	39	24											
10	29.16		29.28	18	32	12											
11	29.26		29.39	0	35	14											
12	29.60		29.74	-6	34	20											
13	29.67		29.50	14	36	26											
14	29.63		29.78	16	20	2											
15	29.76		29.60	2	20	6											
16	29.37		28.75	6	20	11											
17	29.20		29.50	-6	6	-6											
18	29.33		29.25	-4	25	4											
19	29.16		29.24	11	16	10											
20	29.19		29.34	4	15	1											
21	29.30		29.56	4	15	9											
22	29.56		29.62	-3	29	8											
23	29.56		29.47	-8	29	15											
24	29.42		29.57	4	34	8											
25	29.56		29.53	-5	14	1											
26	29.52		29.73	-8	16	0											
27	29.65		29.75	-1	25	10											
28	29.73		29.75	-4	29	14											
29																	
30																	
31																	
			<i>Summary for February.</i>						<i>Summary for three winter months.</i>								
			1820 1897 1826 1825						1828 1830 1836 1835								

Summary for February.

Summary for three winter months.

	1838	1837	1836	1835	1838	1837	1836	1835
Mean Temp.	18.26	18.5	10.86	16.2	20.1	16.4	14.4	17.5
" " at sunrise	21.50	10.8	2.62	10.0	13.46	9.3	8.5	11.5
" " " 11 P.M.	24.18	28.04	20.4	24.7	23.42	24.8	21.7	24.2
" " " 9 P.M.	10.11	16.7	9.6	14.3	18.35	15.3	12.9	13.3
Maximum temperature	43.00	45.00	45.00	46.00	49.00	48.00	49.00	48.00
Minimum "	-10.00	-18.00	-29.00	-20.00	-18.	-31.	-29.	-32.
No. of observations	17	14	29	15	28	46	57	48
Mean Pressure	29.468	29.48	29.50	29.56	29.59	29.50	29.47	29.61
Maximum "	29.90	29.99	29.97	30.16	30.17	30.25	30.05	30.16
Minimum "	28.75	28.78	28.88	29.09	28.75	28.47	28.88	28.79
Average Cloudiness	.33	.53	.7	.7	.41	.44	.18	.21
Fair days	10	5	7	9	25	25	18	34
Cloudy days	7	12	13	12	25	32	40	34
Variable "	11.70	2.97	6.25	4.0	6.85	10.54	11.71	35
Rain and melted snow	17.	24.	36.	12.	28.	63.	89.	52
Snow, in inches								

DARTMOUTH COLLEGE, February 1838

19

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
1	0	.7	.1		N	NW	NW				
2	.5	0	.5		N	NW	N				
3	.8	.6	.6		N	N	NW				Calm
4	.8	.7	0		NW	NW	NW				Calm
5	.1	0	.2		NW	NW	NW				Calm
6	.3	.5	.6		N	N	N				Calm
7	0	.5	.6		NW	NW	NW				Hazy. Light snow
8	.8	.7	.7		NE	N	N				Hazy. Snow from 1 to 7 A.M. 2 1/2 inches.
9	.7	.6	.7		NE	SW	NW				Light snow - fresh wind thru night.
10	.8	.3	.1		W	W	NW				
11	0	.3	.3		NW	NW	NW				Hazy afternoon.
12	0	.2	.6		NW	W	NW				Hazy evening
13	.7	.9	.9		SW	SE	SE				Snow from 11 1/2 A.M. to 10 P.M. 3 inches.
14	.4	0	0		NW	N	N				High wind in morning. Afternoon calm.
15	.6	.4	.3		N	N	NE				Light snow from 9 A.M. to sunset, 1 inch.
16	.5	.9	1.0		NE	NE	NE				Hazy evening. Snow in night 2 inches.
17	0	0	.3		NW	NW	NW				Light snow till noon. Heavy snow from 1 1/2 P.M. to midnight, 8 inches.
18	.1	.3	0		NE	W	SW				High wind from 1 to 6 A.M.
19	0	.1	.2		NW	NW	NW				High wind from 1 A.M. to sunrise.
20	.3	0	0		NW	NW	NW				Kindly [Brilliant Aur. Bor. from 8 to 12 P.M.]
21	0	0	0		NW	NW	NW				High wind from 2 to 7 A.M. Windy.
22	0	.1	0		SW	SW	NW				Faint Aurora Borealis
23	0	0	.5		SW	SW	SW				Calm. Hazy in evening.
24	7	.6	.4		W	NW	NW				Hazy.
25	0	0	0		NW	NW	NW				
26	.1	.7	.2		NW	NW	NW				Hazy.
27	.7	.6	0		N	N	N				Light snow from 6 to 7 A.M.
28	.6	.4	.7		NE	N	N				Hazy evening.
29											
30											
31											

Kinds, N 19, NW 42, NE 8, W 5, SW 8, SE 2, E 0, S 0. Copied from original records by S. S. M. Jan. 17, 1928.

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.
1	29.67	29.76	12	36	15			
2	29.76	29.88	-2	30	12			
3	29.95	30.04	10	39	21			
4	30.04	29.98	2	38	17			
5	29.77	29.16	6	33	34			
6	29.27	29.64	30	50	36			
7	29.64	29.70	33	45	31			
8	29.69	29.63	30	44	29			
9	29.63	29.74	28	45	30			
10	29.79	29.78	30	56	30			
11	29.70	29.57	29	56	31			
12	29.63	29.79	22	52	29			
13	29.81	29.81	23	52	32			
14	29.78	29.77	27	52	33			
15	29.67	29.52	30	57	38			
16	29.56	29.76	33	52	38			
17	29.78	29.80	33	48	31			
18	28.70	29.56	30	38	30			
19	29.35	29.17	29	47	33			
20	29.20	29.40	26	48	32			
21	29.57	29.90	30	39	26			
22	29.98	29.93	28	44	36			
23	29.97	29.73	34	51	40			
24	29.50	29.73	36	58	25			
25	29.88	29.83	24	38	27			
26	29.83	29.81	26	44	28			
27	29.81	29.80	24	34	26			
28	29.76	29.50	26	30	28			
29	29.14	29.15	28	44	30			
30	29.08	29.31	30	42	31			
31	29.32	28.32	23	39	26			

The month, it will be perceived, has been several degrees warmer than the March of the three preceding years. The temperature of the winter, including the months of November and March, has been remarkably mild, the average being between 4 and 5 degrees higher than that of either of the three preceding winters. The whole number of observations, at which the mercury was at or below zero, since the 20th of November, is 29 - the winter previous 55 - and the winter before that 67. The whole depth of snow fallen since the 15th of November is 8 1/2 feet - the winter previous 6 feet and the winter before that 9 feet. There have been about 7 weeks of sleighing, viz. from Dec. 10 to the 25th and again from Jan. 28th to March 5th. Last year about 20 weeks from Nov. 20th to April 7th, and the year previous, 16 weeks, from Dec. 9th to March 28th. Connecticut River opened March 25th - last year April 12th, and the year previous, April 11th. The winter snow had disappeared from the College Common March 17th - last year, April 16th, and the year previous, April 23rd.

Mean Pressure 29.654 29.719 29.49 29.58
 Maximum " 30.12 29.99 29.85 30.24
 Minimum " 29.08 29.10 28.73 28.85
 No. of observations at or below zero. 1 9 6 5
 Mean Temp of March 32.84 26.2 23.8 27.5
 " " at sunrise 24.84 16.1 14.1 19.6
 " " " 1 1/2 P.M. 44.53 38.0 34.0 37.1
 " " " 9 1/2 P.M. 29.19 24.5 21.1 25.9
 Maximum temperature 54.0 60.0 50.0 57.0
 Minimum " -2 -23 -11 -11

DARTMOUTH COLLEGE, March 1838

19

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
1	7	.6	0		NW	NW	NW				
2	0	0	.1		NW	NE	NE				
3	0	0	0		N	N	NW				
4	0	0	0		NW	W	NW				
5	.2	.8	.8		NW	SE	SE				Barometer 30.12 at 1 1/2 P.M.
6	.3	.7	.8		NW	NW	NW				Snow from 2 to 8 P.M. 3 inches. Rain sleighing gone. [from 8 to 10 P.M. .25.
7	.7	.9	.5		SE	SE	SW				Snow and Rain from 10 A.M. to sunset. 25.
8	.8	.7	.8		SE	SE	SE				Snow from 3 to 8 P.M. 3 inches.
9	.8	.5	.7		NE	NW	W				
10	.5	.3	.2		NW	NW	NW				
11	.4	.4	.2		N	N	N				
12	0	0	0		N	N	N				
13	0	0	0		N	N	N				
14	.2	0	0		SW	SW	SW				
15	.1	0	0		SW	SW	NW				Aurora Borealis - beautiful from 9 to 12 P.M.
16	.5	.4	.9		NW	NW	N				Aurora Borealis faint. Snow gone from Common.
17	.5	.6	0		N	NE	NE				Hazy. - Snow from noon to 8 P.M. 2 inches
18	.6	.9	.9		NE	NE	NE				
19	.8	.3	.4		SE	SW	SW				
20	.1	.2	.6		SW	SW	NE				Hazy at night. Snow during the night. 1 inch.
21	.8	.2	0		NW	NW	NW				
22	.7	.5	.8		SW	SE					Hazy at noon. - Fresh wind.
23	.6	.4	.8		SE	SE	SE				Hazy - Wind, a gentle breeze.
24	1.0	.2	0		SE	W	NW				Slight rain from 6 to 10 A.M. .10. [High wind from 10 A.M. Connecticut River clear of ice.
25	0	0	0		NW	NW	NW				
26	.4	.5	0		W	NW	NW				
27	.3	.7	.7		NW	SE	SE				Light snow from 10 1/2 A.M. 1/4 inch.
28	.7	.7	.7		SE	SE	SE				
29	.9	.7	.6		SE	NE	NW				Snow from 6 to 12 A.M. 2 inches
30	.8	.6	.6		NW	NW	NW				Snow from 5 to 9 A.M. 1 inch.
31	0	.1	0		NW	NW	NW				

Average Cloudiness 36.49
 Fair days 9 10 8 7
 Cloudy days 10 12 8 12
 Variable 12 9 15 12
 Rain and snow 1.80 1.60 3.09 2.24
 Snow 12.0 .2 10.0 18.0
 Winds, N 13, NE 10, W 4, SW 11, SE 20, E 0, S 0, NW 35

Copied from original records by G. S. M. Jan. 18, 1928.

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.										HYGROMETER.			
	Barometer reduced to 32° F. and attached Thermometer.													
	2	9:30 P.M.	7	1:30 P.M.	9:30 P.M.	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.28	29.27	23	32	26									
2	29.18	29.15	23	30	34									
3	29.10	29.15	27	38	31									
4	29.22	29.45	31	45	28									
5	29.55	29.64	23	62	38									
6	29.57	29.67	26	58	38									
7	29.69	29.75	27	54	34									
8	29.75	29.60	25	56	42									
9	29.14	29.27	37	55	33									
10	29.16	29.27	37	41	34									
11	29.37	29.47	26	40	32									
12	29.60	29.67	27	47	28									
13	29.64	29.78	28	37	29									
14	29.74	29.73	23	38	24									
15	29.65	29.53	14	43	24									
16	29.66	29.82	14	27	22									
17	29.91	29.61	16	43	31									
18	29.30	29.28	33	51	40									
19	29.28	29.29	39	51	37									
20	29.48	29.70	28	33	24									
21	29.77	29.62	18	48	38									
22	29.41	29.44	32	62	38									
23	29.57	29.72	22	34	22									
24	29.74	29.73	15	38	26									
25	29.76	29.74	15	45	32									
26	29.65	29.43	31	42	38									
27	29.26	29.43	35	56	41									
28	29.50	29.40	29	59	48									
29	29.33	29.42	46	68	44									
30	29.59	29.73	37	43	36									
31														

The month has been as remarkable for its coldness as March for its coldness. At this date, May 5th, the coldness as was March for its unusual mildness. At this date, May 5th, the trees show almost no signs of verdure, and the ground is still frozen in many places in this vicinity. The Aurora of the 29th was quite noticed about 20 minutes before 9 P.M. The sky was then about 3-10 cloudy. The wind high from the SW, having suddenly risen, with a few drops of rain, at about 5 P.M. At 15 minutes before nine, the hemisphere was nearly covered with colored steam rising beautifully from every part of the compass and forming the usual coronae near the zenith. At 9th the sky became clear and before 10 all signs of auroral action had nearly vanished. Whether it was renewed during the night I am unable to say. There was a repetition of the auroral action on the following evening, but much less brilliant than the one already described. - G. H. M.

Mean Pressure 29.507 29.381 29.543 29.494
 Maximum " 29.91 29.75 29.94 30.01
 Minimum " 29.10 28.70 29.00 29.04
 Mean Temp of April 34.17 38.4 36.9 37.6
 " " at Sunrise 26.4 29.4 28.6 31.6
 " " " 1¹/₂ P.M. 42.67 50.0 47.7 47.5
 " " " 4¹/₂ P.M. 32.93 35.9 34.4 33.8
 Maximum temperature 70.00 73. 63 65
 Minimum " 14.80 19. 8 16

DARTMOUTH COLLEGE,

April 1838

18

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Snow.	Rain.	
1	0	0	0	0	NW	NW	NW				Kindy
2	.2	.6	.6	.6	NW	NW	NW				
3	.6	.5	.8	.8	NW	NW	NW				
4	.5	0	0	0	NW	NW	NW				Kind brisk - Noon Calm. Robins appeared.
5	0	0	.2	.2	NW	NW	SW				Hazy in evening. Sko around the moon.
6	.1	.4	.4	.4	SW	SE	N				Light rain from 3 P.M. to 6. .10.
7	0	0	0	0	NW	NW	NW				Foggy morning
8	0	0	.6	.6	NW	SE	SE				Kindy from 11 A.M. [Windy
9	.9	.3	.5	.5	SE	SW	SW				Rain from midnight to 5 A.M. .27
10	.5	.6	.7	.7	SW	W	NW				Wind changed at 7 A.M.
11	0	.9	.4	.4	NW	NW	NE				Sleet and snow, .15.
12	0	.3	0	0	NW	NW	NW				Aurora Borealis
13	.2	.7	.2	.2	W	NW	NW				Slight Aurora Borealis.
14	.7	0	0	0	NW	N	N				Light squall of snow at 4 P.M.
15	0	.6	.5	.5	NW	W	W				
16	.2	.0	0	0	NW	NW	NW				
17	0	.8	1.0	1.0	NW	SW	SW				Snow from 5 to 7 ¹ / ₂ P.M. Hail at 10 P.M.
18	1.0	.9	1.0	1.0	SW	S	S				Rain from 10 P.M. to 7 next morning .40
19	.9	.6	.9	.9	W	NW	W				
20	.6	.5	0	0	NW	NW	NW				
21	0	.3	.7	.7	W	SW	SW				Light rain from 8 ¹ / ₂ P.M. .04
22	.2	.7	.3	.3	SW	SW	NW				
23	0	.2	0	0	NW	NW	NW				Kindy
24	.1	.1	0	0	NW	N	N				
25	0	0	0	0	NW	NW	NW				Hazy in evening.
26	.8	.8	.9	.9	E	SE	SE				Sleet from 4 to 6 A.M. .08.
27	.9	.5	.8	.8	SE	W	W				Rain from midnight to sunrise. .23
28	0	.7	.8	.8	W	SW	SW				[Aurora Borealis from 8 P.M.
29	.9	.4	.1	.1	SE	SW	SW				Rain from 1 to 6 A.M. .10. Brilliant
30	.5	.5	0	0	NW	NW	NW				Kindy. - Aurora Borealis
31											

Average Cloudiness .36 .45

Fair days 8 8 9 9

Cloudy days 5 9 7 14

Variable 17 13 14 7

Rain and snow 1.50 2.88 3.44 2.96

Snow 1.00 5.00 4.00 3.00

Winds, N, NW 4, NE 1, W 9, SW 16, SE 8, E 1, S 2.

Copied from original records by G. H. M. Jan. 18, 1928.

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.			HYGROMETER.					
				7	2	9			
	Barometer reduced to 32° F. and attached Thermometer.			D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
	+	9:30 P.M.	+	Mean.	Max.	Min.			
1	Sunrise	29.77	34	57	40				
2	29.76	29.56	32	64	47				
3	29.44	29.50	41	47	38				
4	29.54	29.65	30	53	42				
5	29.57	29.31	42	44	43				
6	29.28	29.33	42	58	46				
7	29.34	29.44	42	59	46				
8	29.48	29.54	34	54	42				
9	29.38	29.40	40	63	45				
10	29.40	29.49	41	55	48				
11	29.50	29.52	40	56	41				
12	29.46	29.30	40	69	50				
13	29.40	29.64	36	60	42				
14	29.70	29.80	30	70	49				
15	29.85	29.76	39	82	58				
16	29.69	29.42	52	76	56				
17	29.42	29.50	55	62	53				
18	29.40	29.44	43	54	41				
19	29.48	29.43	34	69	51				
20	29.43	29.50	47	77	61				
21	29.57	29.62	50	82	61				
22	29.59	29.53	57	64	64				
23	29.64	29.60	58	65	52				
24	29.41	29.36	41	66	61				
25	29.43	29.26	48	60	58				
26	29.24	29.42	50	54	49				
27	29.43	29.37	39	62	57				
28	29.30	29.42	57	63	56				
29	29.47	29.61	46	62	54				
30	29.64	29.66	48	67	57				
31	29.66	29.67	48	71	60				

The meteor noticed on the evening of the 18th was extremely observed. At this place, it was seen a little after eight o'clock, (the precise minute not known) bearing about S. 82° W. at an elevation of about 20°. It moved towards the NW, apparently in a right line, during from 10 to 20 seconds, and passed behind the hills at an azimuth of about N 81° W and an altitude of about 8°. The azimuth is corrected for the variation of the compass needle. The diameter of the meteor was thought to be from 4 to 8 minutes of a degree, and its color resembled that of the planet Mars. No train or report was noticed. It was also seen at Raymond, in this State, bearing nearly west, and at an elevation of about 10 degrees, and gradually descending to the horizon, at Cleveland, Ohio; it appeared in the NE, not much elevated above the horizon, and appeared to move nearly horizontally towards the north. When first seen from this place, it was nearly in the direction of Buffalo, N. Y., though probably less distant. Its elevation was probably not less than 70 or 80 miles. S. S. M.

Mean Pressure	1835	1837	1836	1835	Mean Temp. of May	1838	1837	1836	1835
Maximum "	29.508	29.57	29.47	29.56	" at sunrise	52.07	49.0	53.7	50.3
Minimum "	29.28	29.10	29.06	29.41	" " 12 P.M.	42.9	42.1	44.6	40.7
					" " 4 P.M.	62.74	57.9	65.3	62.2
					Maximum temperature	78.00	77.0	85.0	81.0
					Minimum "	30.00	23.0	24.0	26.0

DARTMOUTH COLLEGE,

May 1838

19

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Am.	Kind.	Am.	Kind.	Am.	Snow.	Rain.	
	7	2	9	7	2	9			
	Kind.	Am.	Kind.	Am.	Kind.	Am.	Kind.	Am.	
1	0	0	0	N	N	NW			Halo around the moon—45° diameter.
2	.2	.3	.3	W	SW	SW			Hazy in the evening.
3	.8	.7	0	SE	NE	N			Rain from 3 A.M. to noon, .36.
4	0	.8	.8	N	E	E			Frost and fog. Rain from 9½ P.M. .06
5	.8	.9	1.0	E	E	E			Rain through the day, .12. Rain from sunset to 3 next morning, .61.
6	.7	.6	.5	SE	SE	SE			Weather unsettled. Slight rain
7	.6	.4	.6	SE	SW	SW			Rain until 5 A.M., .11.
8	.3	.6	.5	SW	SW	SE			
9	.8	.3	.8	S	W	NE			Rain from 2 A.M., .25.
10	.9	.7	.7	NE	NW	NW			Rain from 3 to 11 A.M., .22.
11	.1	.3	0	NW	NW	NW			
12	.4	.2	.3	SW	S	NW			
13	0	.3	0	NW	NW	NW			Saint Aurora Borealis.
14	0	0	0	NW	W	W			
15	0	0	0	NW	SW	SW			[7 P.M., .27. Thunder and lightning in evening.
16	.5	.4	0	SW	S	SW			Barom. .35 at 2 P.M. Rain from 4 to
17	.4	.2	.7	NW	NW	NW			
18	1.0	.6	0	N	N	N			Rain from 1 to 10½ A.M., .78. Meters
19	0	.3	.0	N	SW	SW			Foggy. [about 8 P.M.
20	.2	.1	.3	S	S	NW			
21	0	0	0	SW	SE	SE			
22	.7	.8	.8	SE	SE	SW			Thunder shower from 7 to 8½ P.M., .45
23	.7	.5	1.0	NW	NW	N			Rain from 3 P.M. thru the night, .100
24	.9	1.0	.3	N	SW	SW			Rain from 1 P.M., .17.
25	.3	.5	.4	W	W	SE			Rain from 5 to 7 P.M., .10.
26	.6	.8	.1	S	S	NW			
27	Fog	.7	.3	W	SE	SE			
28	.8	.8	.4	SE	SE	W			Rain from 2 to 5 A.M., .13. Shower
29	.1	.7	.7	SW	SW	W			[from noon to 1 P.M., .12.
30	.7	.1	0	W	NW	NW			
31	0	0	0	NW	NW	NW			

Average Cloudiness	1838	1837	1836	1835	Copied from original records by S. S. M. Jan. 19, 1928.				
Fair days	40	50	38						
Cloudy days	10	5	13	11					
Variable	7	13	11	6					
Rain	14	13	7	14					
Winds, N 10, NW 24, NE 4, W 10, SW 19, SE 15, E 4, S 7.	4.95	5.41	3.71	3.31					

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.				THERMOMETER.			HYGROMETER.					
	Barometer	Thermometer	Thermometer	Thermometer	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.67	2	29.63	50	78	62							
2	29.58		29.65	59	62	56							
3	29.65		29.61	48	64	55							
4	29.59		29.47	50	72	63							
5	29.35		29.13	59	64	62							
6	29.23		29.32	55	69	60							
7	29.16		29.30	59	64	54							
8	29.32		29.65	54	68	60							
9	29.18		29.73	57	76	66							
10	29.73		29.67	59	88	77							
11	29.66		29.59	68	87	74							
12	29.59		29.58	67	80	73							
13	29.59		29.65	63	77	70							
14	29.66		29.66	66	76	74							
15	29.65		29.66	65	82	70							
16	29.66		29.66	66	82	70							
17	29.56		29.52	64	73	69							
18	29.50		29.64	61	75	62							
19	29.75		29.80	49	72	63							
20	29.83		29.76	54	76	67							
21	29.74		29.56	57	82	74							
22	29.58		29.63	66	79	64							
23	29.69		29.58	53	76	66							
24	29.54		29.49	64	71	66							
25	29.46		29.42	63	70	61							
26	29.43		29.64	56	70	59							
27	29.75		29.74	52	71	66							
28	29.64		29.43	56	63	63							
29	29.42		29.65	62	72	62							
30	29.72		29.75	53	72	64							
31													

The amount of rain during the last month, is much greater than that of any previous month since the register was commenced in 1834. The maximum temperature is as high as that of any former observation within four years, and the average temperature of the week ending on the 16th is greater than that of any previous week within the time mentioned. S. M.

Mean Pressure 1838 29.575 1837 29.485 1836 29.50 1835 29.55 Mean Temp of June 1838 65.6 1837 63.0 1836 61.3 1835 61.5
 Maximum " 29.83 29.75 29.67 30.03 " " at sunrise
 Minimum " 29.16 29.10 29.24 29.03 " " 1 1/2 P.M.
 " " 9 1/2 P.M.

DARTMOUTH COLLEGE,

June 1838

19

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Snow.	Rain.	
1	.1	.2	.9	NW	S	S									Thunder shower from 5 to 7 P.M., .77.
2	.9	.1	0	NW	W	W									[Rain from 7 1/2 P.M. thru the night, .88.
3	0	.3	0	SW	NW	NW									Windy
4	.5	.3	.3	NW	SE	SE									Slight showers, .02.
5	.9	.6	.3	SE	NE	N									Rain from 3 to 12 A.M., .60
6	Fog.	.5	1.0	N	NE	NE									Rain from 6 P.M. thru the night, .53
7	1.0	.8	.5	SE	SE	NW									Shower at noon and from 2 to 4 P.M.
8	.1	.3	0	W	W	W									(with thunder, .50.
9	.3	.3	0	W	S	S									[Lightning in the north from 7 to 10 P.M.
10	.1	.1	0	SW	SW	SW									Therm. 92 at 2 1/2 P.M. Thunder and
11	0	0	.1	SW	SW	SW									Therm. 89 at 2 1/2 P.M. Thunder shower
12	.7	.6	0	S	S	SW									Aur. Bor., faint. [from 10 to 11 P.M., .67.
13	.1	.1	.1	W	W	W									Slight shower from 11 to 12 A.M., .06.
14	.1	.6	0	W	SW	SW									Shower from 1 1/2 to 11 A.M. and from 12
15	Fog.	.4	.6	SW	SW	SW									[to 1 P.M. and thunder shower from 7 to 9 P.M., .42.
16	0	.0	.3	SW	SW	SW									Lightning in NW at 9 1/2 P.M.
17	.6	.4	0	SW	SW	SW									Thunder shower from 3 to 4 A.M. and
18	Fog.	.3	0	NE	SE	SE									[light shower from 1 to 2, .04.
19	0	0	0	SE	SE	SE									
20	.1	.2	0	SW	SW	SW									
21	0	.1	.8	SW	SW	SW									Lightning in north at 9 1/2 P.M.
22	0	.2	0	SW	SW	N									
23	0	.3	.9	NW	NW	SE									Thunder shower from 6 1/2 to 8 1/2 P.M., .10.
24	.9	.9	.9	SE	SE	NE									Rain from 6 to 11 A.M. and with thunder
25	.8	.6	.1	SE	SE	NW									[storm 3 1/2 to 6 P.M., .02.] 25. Thunder
26	.6	.4	0	NW	NW	NW									shower from 2 to 3 and from 7 1/2 to 8 P.M., .93
27	Fog	.3	.5	NW	NW	NW									Aurora Borealis, faint. [Faint Aur. Bor.
28	.8	.9	.9	SW	SE	SE									
29	Fog	.3	0	NW	NW	NW									Rain from 6 1/2 A.M. to 4 P.M., 1.20.
30	.3	.2	.8	SW	SE	SE									Aurora Borealis at midnight.
31															

Average Cloudiness .33 .45 .54
 Fair days 12 7 7 12
 Cloudy days 5 7 14 10
 Variable 13 16 9 8
 Rain 7.22 3.89 3.06 4.90
 Winds, N3, NW13, NE5, W10, SW29, SE19, E0, S6.

Copied from V. Chronicle by S. D. M. Jan. 20, 1928

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.				HYGROMETER.			
	Barometer reduced to 32° F. and attached Thermometer.							
		7	8	9				
		D. B.	W. B.	D. B.	W. B.	D. B.	W. B.	
1	29.75	61	66	67				
2	29.68	67	81	69				
3	29.62	62	83	72				
4	29.65	62	79	74				
5	29.61	68	85	71				
6	29.60	61	77	64				
7	29.66	58	81	68				
8	29.68	60	85	77				
9	29.55	68	85	77				
10	29.55	67	84	74				
11	29.40	70	83	76				
12	29.53	68	76	69				
13	29.74	63	74	65				
14	29.91	58	79	71				
15	29.74	64	76	73				
16	29.56	68	76	68				
17	29.67	58	74	63				
18	29.78	51	73	71				
19	29.64	63	77	66				
20	29.60	60	76	68				
21	29.39	64	68	59				
22	29.72	54	68	59				
23	29.81	50	71	61				
24	29.77	57	72	61				
25	29.57	61	78	64				
26	29.56	60	78	65				
27	29.65	58	78	72				
28	29.65	64	86	77				
29	29.51	72	86	77				
30	29.31	72	86	63				
31	29.53	53	72	66				

Mean Pressure 29.622 29.534 29.598 29.605
Maximum " 29.91 29.87 29.86 29.80
Minimum " 29.27 29.26 29.26 29.23
Mean Temp. of July. 69.48 63.5 68.5 67.7
" " at sunrise 62.06 55.6 62.3 60.0
" " " 1 1/2 P.M. 77.84 72.1 76.2 74.3
" " " 9 1/2 P.M. 68.68 62.8 67.1 68.9
Maximum temperature 90.0 89.0 92.0 85.0
Minimum " 50.0 48.0 48.0 45.0

DARTMOUTH COLLEGE,

July 1838

19

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
1	.9	.9	.8	.8	SE	SE	SE				Slight rain from 10 1/2 A.M. .02
2	.8	.3	.2	.2	SE	S	N				Slight rain in the night. .06. Rain at 4 P.M. .02
3	Fog	.1	.3	.3	W	W	W				Therm. 85° at 3 1/2 P.M.
4	Fog	.9	.3	.3	W	SW	SW				Th. shower from 1 1/2 P.M. .08. Light in W at 3 P.M. Thunder shower at noon. .8 P.M. Shower at North at 5 P.M.
5	.7	.2	.4	.4	SW	SW	NW				
6	0	.1	0	0	NW	NW	NW				
7	0	0	0	0	NW	NW	NW				
8	0	0	0	0	NW	S	SW				
9	.1	.3	.2	.2	SW	W	SW				Th. shower in north from 11 P.M. Therm. 39° at 3 P.M.
10	.5	.2	.3	.3	NW	SW	SE				Th. shower at 4 and 6 1/2 P.M. .17
11	Fog	.4	.5	.5	SE	SW	W				Th. shower with high wind from west from 3 to 3 3/4 P.M. .45.
12	.7	.6	.7	.7	NW	NW	NW				Slight rain last night.
13	.8	.3	0	0	NW	SE	NW				Aurora Borealis, faint.
14	Fog	0	0	0	SW	SW	SW				Barometer 43 at noon.
15	.4	.7	.5	.5	SW	S	SW				
16	.4	.6	.6	.6	W	NW	NW				
17	.7	0	0	0	NW	NW	N				
18	.2	.5	.7	.7	N	S	S				Slight rain at 6 P.M.
19	Fog	.3	.0	.0	N	NW	NW				
20	.5	.6	.9	.9	NW	SE	SE				Rain at 12. Th. shower from 5 to 10 P.M. .63
21	.4	.7	0	0	NW	NW	NW				
22	.3	.6	.0	.0	NW	NE	N				
23	Fog	.2	.3	.3	N	NW	NW				
24	.6	.6	.9	.9	SW	SW	SE				Rain from 4 P.M. .10.
25	.9	.2	0	0	S	NW	SW				Th. shower at 7 1/4 P.M. .25.
26	Fog	.3	.1	.1	SW	SW	W				Faint Aurora Borealis
27	Fog	.0	.0	.0	NW	SW	SW				
28	.0	.1	.1	.1	SW	SW	SW				Therm. 90° at 3 P.M.
29	.1	0	0	0	SW	NW	NW				Aurora Borealis, faint.
30	.5	0	0	0	SW	NW	NW				High wind. Barom. .27 at 2 P.M.
31	0	0	.4	.4	NW	W	NW				

Average Cloudiness .32 .35 .29
Fair days 12 13 13 13
Cloudy days 7 5 3 7
Rain 1.78 4.33 2.17 2.97
Kinds, N6, NW 35, NE 1, W 8, SW 27, SE 10, E 0, S 6.
Copied from Nt. Chronicle Jan. 26, 1928, by L.S.M.

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.
1	29.50	29.55	55	80	66			
2	29.63	29.76	59	71	63			
3	29.85	29.86	53	75	66			
4	29.86	29.75	54	82	72			
5	29.73	29.57	61	85	08 ¹ / ₂ 68			
6	29.48	29.52	68	77	74			
7	29.50	29.68	70	84	70			
8	29.81	29.87	61	77	66			
9	29.85	29.74	62	68	66			
10	29.75	29.75	66	78	71			
11	29.73	29.48	60	67	68			
12	29.43	29.60	67	74	64			
13	29.64	29.82	55	72	61			
14	29.92	29.93	51	64	58			
15	29.93	29.82	48	70	60			
16	29.75	29.40	57	60	61			
17	29.22	29.44	62	68	63			
18	29.53	29.66	53	68	59			
19	29.80	29.91	49	69	58			
20	29.99	29.97	47	72	62			
21	29.95	29.87	53	76	72			
22	29.90	29.91	65	81	69			
23	29.92	29.81	61	82	72			
24	29.75	29.63	64	84	70			
25	29.62	29.42	63	71	67			
26	29.43	29.63	60	59	50			
27	29.62	29.45	50	58	51			
28	29.37	29.60	52	67	58			
29	29.75	29.78	48	65	58			
30	29.70	29.76	54	72	56			
31	29.79	29.65	49	64	56			

Mean Pressure 29.698 29.62 29.62 29.64
 Maximum " 30.02 30.05 29.89 29.80
 Minimum " 29.22 29.25 29.31 29.53
 * Printed record doubtful. H.M.
 Mean Temp. of August 64.43
 " " at sunrise 57.4
 " " " 1 1/2 P.M. 72.2
 " " " 9 1/2 P.M. 63.7
 Maximum temperature 86.0°
 Minimum " 48.0°

DARTMOUTH COLLEGE,

August 1838

19

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Snow.	Rain.	
1	Fog	.1	.2	NW	W	W					
2	.1	.6	0	NW	NW	NW					
3	.5	.1	0	NW	NW	NW					
4	Fog	0	0	NW	W	SW					
5	.3	.5	.9	SW	SW	NW					Rain from 6 1/4 P.M. thru the night.
6	.9	.7	.7	NE	NE	NE					Therm. 80 at 3 P.M. Th' shower from 5 to 6 P.M. 40
7	.9	.4	0	SE	NW	NW					
8	0	0	.3	NW	NW	NW					
9	.6	.8	.9	NW	SW	SW					Rainy through the day, 18.
10	.6	.3	.6	NE	NE	SE					
11	0	.8	.9	SE	SE	SE					Rainy from 9 A.M. to 5 P.M., 30.
12	.1	.1	.1	NW	NW	NW					
13	0	.2	.2	NW	NW	NW					Aurora Borealis
14	0	.1	0	W	NW	NW					
15	Fog	.1	.1	NW	SW	SW					Hazy in the evening.
16	.9	.9	.9	S	S	SE					Rain from 5 1/2 A.M. to 10 P.M., 93. Th' shower in the night, 11.
17	.3	.3	0	NW	NW	NW					
18	.1	.1	0	W	NW	NW					
19	Fog	.1	0	NW	N	N					Dense Fog.
20	Fog	.1	0	N	S	S					Dense Fog. Barom. 30.02 at 10 A.M.
21	.4	.3	.4	SE	SE	N					
22	Fog	.2	0	N	N	N					Aurora Borealis
23	Fog	0	0	N	SE	SE					Therm. 84 at 3 P.M. Faint Aurora Borealis.
24	Fog	.1	0	SW	SW	SW					Thunder shower from 3 to 4 P.M., 25.
25	Fog	.6	.5	SW	SW	SW					Rain from 1 P.M., 08.
26	.6	.5	.4	NW	NW	NW					High wind through the day.
27	.8	1.0	1.0	NW	SW	SW					Rain from 2 P.M. through the night, 35.
28	.9	.4	.3	SW	SW	NW					
29	0	0	.7	NW	SE	NW					
30	.7	.3	.0	S	W	W					Shower from 9 to 11 A.M., 15.
31	.1	.4	.5	NW	NW	NW					

Average Cloudiness .32 .42 .33
 Fair days 15 7 11 15
 Cloudy days 7 6 6 8
 Variable 9 18 14 8
 Rain 4.19 2.14 1.92 3.86
 Winds, N 9, NW 39, NE 5, W 6, SW 18, SE 11, E 0, S 5.

Copied from N.H. Chronicle by E. L. M. Jan. 27, 1928.

DARTMOUTH COLLEGE,

September 1838

19

THERMOMETER.			HYGROMETER.		9	
DATE.	Barometer reduced to 32° F. and attached Thermometer.		7	2		
			Mean.	Max.	Min.	
1	29.34	29.38	56	67	60	
2	29.47	29.80	51	55	50	
3	29.89	29.96	44	58	48	
4	29.98	30.03	40	67	54	
5	29.91	29.89	44	78	61	
6	29.99	29.92	50	73	60	
7	29.90	29.90	50	82	69	
8	29.99	29.95	58	68	60	
9	29.94	29.85	54	68	61	
10	29.80	29.65	56	76	67	
11	29.65	29.79	60	72	60	
12	29.78	29.65	58	61	56	
13	29.44	29.74	52	63	52	
14	29.90	29.87	48	71	67	
15	29.92	30.03	47	71	54	
16	30.05	29.94	41	62	51	
17	29.83	29.62	44	65	53	
18	29.50	29.35	47	72	62	
19	29.35	29.61	54	63	50	
20	29.69	29.79	42	65	49	
21	29.82	29.78	44	62	59	
22	29.64	29.58	64	75	70	
23	29.40	29.47	69	55	47	
24	29.59	29.84	43	58	43	
25	29.91	30.10	38	67	55	
26	30.20	30.14	49	65	57	
27	30.01	29.89	53	60	57	
28	29.84	29.76	57	66	58	
29	29.65	29.59	54	66	58	
30	29.66	29.74	51	67	56	

There are several remarkable circumstances indicated by the register of the past month. The average cloudiness is less than that of any preceding month on my registers and the number of fair days is greater, and yet we were visited by but one light frost, the first in the season. The average temperature of the month was three degrees higher than that of last September and yet the temperature at 4 P.M. was one degree less. The rain on the night of the 12th was greater than any one previously recorded. The barometer stood higher on the morning of the 26d, than has ever before been noticed, with one exception. The Aurora Borealis was seen on five successive evenings. I have never before noticed it on more than three - rarely more than two evenings in succession. Notwithstanding the unusual warmth of the month, the proportions of northerly winds were greater than that of either of the two preceding Septembers. 8 P.M.

There are several remarkable circumstances indicated by the register of the past month. The average cloudiness is less than that of any preceding month on my registers and the number of five days is greater and yet we were visited by but one light frost, the first in the season. The average temperature of the month was three degrees higher than that of last September and yet the temperature at $\frac{1}{2}$ P.M. was one degree less. The rain on the night of the 12th was greater than any one previously recorded. The barometer stood higher on the morning of the 26th, than has ever before been noticed, with one exception. The Aurora Borealis was seen on five successive evenings. I have never before noticed it on more than three - rarely more than two evenings in succession. Notwithstanding the unusual amount of the month, the proportions of northerly winds were greater than that of either of the two preceding September. 6 P.M.

	1888	1887	1886	1885	1888	1887	1886	1885
Mean Pressure	29.779	29.77	29.68	29.68	Mean Temp. of Sept.	57.9	54.9	57.0
Maximum "	30.20	30.08	29.99	29.84	" " at sunrise	50.6	45.1	50.6
Minimum "	29.34	29.24	29.03	29.53	" " " 1 1/2 P.M.	66.6	67.6	62.6
					" " " 9 1/2 P.M.	56.5	52.2	57.9
					Maximum temperature	83.0	84.0	86.0
					Minimum "	40.0	30.0	34.0

[illegible]

Average Cloudiness .28 .36 .45 Copied from Vt. Chronicle by G.S.M. Feb. 20, 1928.

Average Cloudiness .28 .36 .45 Copied from Vt. Chronicle by G.S.M. Feb. 20, 1928.

Fair days	17	10	10	13
Cloudy days	5	6	11	7
Variable	8	14	9	10
Rain	4.85	1.33	1.67	1.41
Winds, N7; NW26; NE6; W9; SW19; SE16; E2. 55.				

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.				HYGROMETER.			
	Barometer reduced to 32° F. and attached Thermometer.	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.
	Sunrise	9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.			
1	29.80	29.80	47	68	58			
2	29.78	29.59	49	73	62			
3	29.45	29.65	58	55	48			
4	29.75	29.61	39	55	49			
5	29.50	29.60	47	65	51			
6	29.47	29.21	46	72	63			
7	29.50	29.78	40	49	30			
8	29.77	29.57	27	50	30			
9	29.56	29.49	25	56	46			
10	29.54	29.46	45	60	46			
11	29.15	29.40	45	58	47			
12	29.50	29.40	40	48	43			
13	29.41	29.60	40	45	51			
14	29.54	29.48	33	42	41			
15	29.45	29.36	40	44	42			
16	29.55	29.78	37	48	34			
17	29.87	30.07	29	41	36			
18	30.07	29.98	33	50	32			
19	29.91	29.64	34	40	40			
20	29.38	29.40	41	48	43			
21	29.41	29.50	36	49	39			
22	29.58	29.75	37	48	36			
23	29.85	29.80	35	50	42			
24	29.66	29.30	39	45	34			
25	29.24	29.26	36	45	37			
26	29.44	29.64	36	47	31			
27	29.64	29.54	28	39	32			
28	29.52	29.30	31	47	36			
29	24.24 24.24	29.49	33	41	27			
30	29.55	29.60	23	41	26			
31	29.54	29.86	29	36	21			

Mean Pressure 29.573 29.755 29.568 29.648
 Maximum " 30.07 30.25 29.95 29.85
 Minimum " 29.15 29.35 29.00 29.50
 Mean Temp. of October 42.1 41.7 38.7 48.4
 " " at sunrise 36.4 34.4 33.0 43.2
 " " 1 1/2 P.M. 50.2 57.2 46.5 56.9
 " " 7 1/2 P.M. 39.8 39.4 36.6 46.9
 Maximum temperature 74.0 71.0 67.0 73.0
 Minimum " 21.0 15.0 12.0 27.0

* Misprint

DARTMOUTH COLLEGE,

October 1838

19

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Snow.	Rain.	
	Sunrise	1:30 P.M.	9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.					
1	Fog	0	0	SW	SW	SW					
2	Fog	0	.2	SW	SW	SW					
3	.7	.2	.3	S	SW	NW					Rain from 7 1/2 A.M. to 12.
4	0	.7	0	NW	SW	SW					
5	0	.2	0	SW	SW	W					
6	.1	.1	.3	W	SW	SW					Rain from 1 to 3 A.M. to 25.
7	.2	.1	0	NW	NW	NW					
8	Fog	0	0	NW	SW	SE					Heavy frost.
9	Fog	.3	.3	SE	S	SE					Hazy in the evening.
10	.8	.8	.8	S	SE	SE					Rain from 9 P.M. thro' night, and
11	1.0	.7	.7	E	S	SW					Thunder shower from 5 to 6 A.M. to 25.
12	.7	1.0	.9	SW	SW	SW					Rainy, 25.
13	.7	.6	0	NW	NW	NW					
14	.7	.7	.9	NW	N	N					Sleet in the night, 10. Rain from 6 P.M. to 1 P.M. 1.00.
15	1.0	1.0	1.0	N	N	NW					
16	0	.6	0	W	W	SW					Aurora Borealis.
17	.1	.4	0	NW	NW	NW					Frost.
18	.3	.4	0	NW	NW	NW					
19	.4	.9	.9	SE	SE	SE					Rain from 7 A.M. thro' day and night, 25.
20	.8	.9	.7	W	W	NW					Shower at 1 1/2 P.M. to 04.
21	.3	.6	.8	NW	W	W					
22	.8	.7	.6	W	NW	NW					
23	.7	.3	.7	W	W	W					
24	.7	.9	1.0	NW	SW	SW					Rain from noon through night to
25	.9	.9	.7	SW	SW	SW					[7 A.M. to 40. Snow on hills, but snow melted.
26	.7	.7	0	SW	SW	SW					
27	.6	.9	.3	SW	SW	SW					Snow and rain from 8 A.M. to 3 P.M. to 26.
28	.6	.8	.8	SW	SW	SW					Rain from 1 1/2 P.M. to .06. [1/2 in. of snow.
29	.1	.5	0	NW	NW	NW					Snow on hills.
30	.1	.5	.3	SW	SW	SW					
31	1.0	.5	.6	NE	NW	NW					Snow from 3 A.M. to 10 A.M. 1/2 in. High wind.

Average Cloudiness .45 .45 .48
 Fair days 7 9 9
 Cloudy days 12 5 8
 Variable 12 17 14
 Snow, in inches. 2 7
 Rain and melted snow. 3.37 2.81 2.91
 Winds, N4; NW28; NE1; W12; SW35; SE8; E1; S4.

Copied from Nt Chronicle by G. L. M. February 21, 1928.

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.						HYGROMETER.					
	Barometer reduced to 32° F. and attached Thermometer.											
	7	8	9	10	11	12	1	2	3	4	5	6
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.
1	29.94		29.56	16	31	28						
2	29.43		29.64	28	46	30						
3	29.70		29.76	30	50	44						
4	29.57		29.48	46	52	50						
5	29.40		29.11	50	50	48						
6	29.05-29.75		29.75	44	38	30						
7	29.49		29.82	26	37	36						
8	29.60		29.26	42	53	51						
9	29.38		29.66	35	41	25						
10	29.93		30.35	19	28	17						
11	30.45		30.34	10	33	26						
12	30.15		29.93	22	44	31						
13	29.83		29.64	35	49	47						
14	29.66		29.92	45	53	31						
15	29.44		29.70	29	36	34						
16	29.48		29.58	38	47	33						
17	29.74		29.88	27	33	25						
18	29.88		29.60	20	36	25						
19	29.47		29.67	19	36	21						
20	29.65		29.55	15	32	24						
21	29.61		29.42	20	32	29						
22	29.39		29.58	38	31	17						
23	29.57		29.62	17	34	16						
24	29.66		29.81	11	10	0						
25	29.78		29.79	-2	14	6						
26	29.77		29.82	6	16	7						
27	29.64		29.52	12	20	21						
28	29.48		29.72	22	30	10						
29	29.74		29.57	-2	28	29						
30	29.57		29.56	22	36	27						
31												

Mean Pressure 29.683 29.577 29.575 29.548
 Maximum " 30.51 30.10 30.15 29.84
 Minimum " 29.05 28.45 29.02 29.30
 Mean Temp of Nov. 29.9 32.27 30.96 31.0
 " " at Sunrise 29.7 26.9 25.7 28.7
 " " " 1 1/2 P.M. 35.2 39.1 37.5 34.4
 " " " 9 1/2 P.M. 27.3 30.8 29.7 29.9
 Maximum temperature 54.0 69.0 63.0 62.0
 Minimum " -2. -7.0 13.0 -9.0

The month has been unusually cold and wet. The Barometer stood higher on the 11th, than at any previous observation, since the register was commenced.

DARTMOUTH COLLEGE, November 1838

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
1	.3	0	.9		NW	SE	SE				Snow from 8 1/2 P.M. 1 inch.
2	.5	.3	.7		SW	W	NW				
3	0	.3	.8		SW	SW	SW				Barom. 29.76 at 1 1/2 P.M.
4	.9	1.0	.8		SW	SW	SW				Rain from 5 A.M. 20.
5	1.0	.9	.9		NE	NE	NE				Rainy.
6	1.0	.4	.2		SW	W	NW				Storm, with high wind from 5 1/2 to 6 1/2 A.M. 26.
7	.5	.6	.9		NW	N	NE				Hail from 10 1/2 to 11 A.M.
8	1.0	.9	1.0		SE	SE	SE				Hail through the day, 1.02.
9	.9	.7	0		NW	NW	NW				Rain through the night until 3 A.M. 90.
10	0	.1	0		NW	NW	NW				
11	0	0	.3		NW	NW	NW				Barom. at maximum height at 9 1/2 A.M. [30.51]
12	0	.3	.1		SW	SW	SW				Aur. Bor. brilliant, with crimson streamers and Corona.
13	.8	.4	.9		SW	S	S				Light rain from 5 A.M. and from 4 P.M.
14	.1	0	0		SW	SW	SW				Aurora Borealis, very faint.
15	.7	1.0	1.0		NE	SE	SE				Sleet and rain from 7 A.M. thro' day. 67.
16	.9	.9	.1		SE	W	NW				Rain until 1 P.M. 33.
17	.1	.2	.2		NW	NW	NW				
18	.2	.6	1.0		NW	NW	SE				Wind changed suddenly at 3 P.M. snow [from 6 P.M. to 4 1/2 A.M. 4 1/2 inches.
19	0	.3	.1		SW	NW	NW				
20	0	.6	.7		SW	SW	SW				
21	.8	.4	.7		NW	SW	SW				
22	.8	.1	0		W	W	NW				Faint Aurora Borealis.
23	.8	.6	0		NW	NW	NW				
24	.7	.2	.1		NW	NW	NW				
25	0	0	.8		NW	NW	N				
26	.3	.7	.2		N	W	N				
27	.7	.6	.6		NW	NW	NW				
28	.6	.7	.1		SW	NW	NW				
29	0	.2	.7		NW	NW	SW				
30	.1	.3	.1		W	W	W				
31											

Average Cloudiness .46 .52 .56
 Fair days 7 5 7 5
 Cloudy days 8 11 13 7
 Variable 15 14 10 18
 Rain and Snow 3.90 2.69 2.64 2.21
 Snow 5.5 9.0 7.0 10.0

Copied from Vt. Chronicle by G.S.M. Feb. 22, 1928.

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.						HYGROMETER.					
	Barometer reduced to 32° F. and attached Thermometer.											
	7	8	9	10	11	12	1	2	3	4	5	6
	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.	D. B.
1	29.46	29.21	17	37	30							
2	29.11	29.20	32	40	30							
3	29.50	29.86	20	28	10							
4	29.90	29.80	4	22	23							
5	29.60	29.10	28	38	38							
6	29.30	29.37	27	26	10							
7	29.25	29.20	17	34	30							
8	29.20	29.20	29	40	24							
9	29.50	29.70	5	13	4							
10	29.71	29.65	-1	24	13							
11	29.64	29.30	12	26	28							
12	29.16	29.79	31	32	3							
13	29.95	29.85	-12	11	0							
14	29.70	29.50	-3	28	16							
15	29.40	29.46	12	37	26							
16	29.90	29.86	3	10	-6							
17	29.80	29.50	-12	13	19							
18	29.20	29.24	19	29	24							
19	29.31	29.43	19	31	17							
20	29.46	29.27	12	16	9							
21	29.13	29.17	16	34	19							
22	29.12	29.10	16	33	27							
23	29.02	29.03	26	30	16							
24	29.44	29.82	-4	3	-15							
25	29.74	29.59	-8	22	22							
26	29.49	29.68	24	24	15							
27	29.74	29.83	2	23	-4							
28	29.93	29.80	-15	10	0							
29	29.22	29.14	16	31	15							
30	29.58	29.91	-9	7	-14							
31	30.10	30.39	-18	7	-11							

Mean Pressure 29.508 29.631 29.682 29.426 29.681
Maximum " 30.41 30.17 30.25 29.78 30.05
Minimum " 28.73 28.92 28.71 28.92 29.08
Mean Temp of Dec. 16.0 21.46 20.2 12.9 18.5
" " at sunrise 13.0 16.4 15.9 8.1 14.8
" " " 1 1/2 P.M. 24.5 28.6 26.2 19.3 24.0
" " " 7 1/2 P.M. 13.5 19.4 18.6 11.4 17.5
Maximum temperature 41.0 49.0 47.0 44.0 40.0
Minimum " -18.0 -18.0 -10.0 -19.0 -16.0

DARTMOUTH COLLEGE, December 1838

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Snow.	Rain.	
1	3	.6	.7				W		SW		SW				
2	.7	.9	0				SW		W		NW				
3	.2	0	0				NW		NW		NW				
4	.6	.9	1.0				N		W		SW				
5	1.0	1.0	1.0				SW		SW		SW				Rain, .20.
6	.3	0	0				NW		NW		NW				
7	.6	.4	.9				SW		S		SE				
8	1.0	1.0	0				SE		SW		NW				Snow from 4 A.M. to 1 1/2 P.M. - 5 inches.
9	0	0	0				NW		NW		W				
10	1.0	.9	.8				SW		SW		SW				
11	.9	.8	.9				SW		SW		S				
12	.6	.4	0				S		NW		NW				Snow squall, with high wind, from 11 to 12 A.M.
13	0	.5	0				N		NW		N				Aurora Borealis, faint.
14	0	0	0				N		SW		SW				
15	.3	.2	.9				SW		W		W				
16	0	.1	0				NW		N		N				
17	0	0	1.0				N		NE		SW				Snow from 10 P.M. to 3 next morning.
18	1.0	.9	.9				SW		SW		SW				Snow from 8 P.M. to midnight, 2 inches.
19	.9	.8	.8				NE		NE		NE				
20	.8	.3	.7				N		N		N				
21	.7	.5	.7				SW		SW		SW				Light snow before daylight, 1/2 inch.
22	.8	.9	.8				SW		SE		SE				Snow from 7 1/2 A.M. to 4 P.M., 3 inches.
23	.8	1.0	.8				SE		NE		NW				Snow from 9 A.M. to 7 P.M., 7 inches. At 4 P.M. Barometer 28.73 - wind changed to NW.
24	0	0	0				NW		NW		NW				
25	.7	.8	.7				SW		SW		SW				
26	.9	.8	.7				SW		NW		NW				
27	.8	.7	0				NW		SW		SW				
28	0	0	.2				SW		SW		SW				Evening hazy. Halo around the moon.
29	1.0	1.0	.2				SW		SW		NW				Snow from midnight to 3 A.M., 4 inches.
30	.2	0	0				NW		NW		NW				At 3 1/2 P.M. Barometer 28.86.
31	.1	0	0				N		N		N				

Average Cloudiness .47 .51 .45
Fair days 9 5 8 3
Cloudy days 12 13 10 17
Variable 10 13 13 11
Rain and melted snow 2.80 1.60 4.56 1.61
Snow in inches, 26 5 11 10 22
Wind, N 13, NW 25, NE 4, W 6, S 3, SW 37, SE 5.

Copied from Vt. Chronicle by G. S. M. Feb. 23, 1928.