

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
	#	9:30 P.M.	#	7:30 P.M.	9:30 P.M.	Mean.	Max.	Min.	W-B.	W-B.	W-B.	W-B.
1	29.08	29.07	-3	20	19							
2	29.14	29.28	24	35	20							
3	29.48	29.63	19	20	5							
4	29.82	29.45	6	26	16							
5	29.40	29.50	24	32	26							
6	29.60	29.70	21	32	19							
7	29.66	29.55	15	29	25							
8	29.43	29.20	24	32	26							
9	29.08	28.88	29	27	27							
10	28.84	28.85	31	33	34							
11	28.91	28.96	33	37	34							
12	29.02	29.10	34	40	32							
13	29.17	29.20	34	42	36							
14	29.20	29.20	34	38	29							
15	29.22	29.30	24	24	6							
16	29.46	29.41	-4	-3	-4							
17	29.42	29.20	-6	11	10							
18	29.00	29.92	20	30	21							
19	29.11	29.27	22	28	22							
20	29.35	29.50	6	22	1							
21	29.57	29.25	10	16	25							
22	28.95	29.05	33	36	22							
23	29.34	29.50	12	16	-1							
24	29.70	29.60	-12	16	13							
25	29.12	29.10	15	19	16							
26	29.16	29.20	12	25	10							
27	29.25	29.22	-7	14	8							
28	29.24	29.24	-12	11	-8							
29	29.20	29.16	-14	10	11							
30	29.16	29.11	15	33	22							
31	29.01	28.85	22	35	25							

Mean Pressure 29.248 Mean Temp. 14.9° 25.3° 17.6° = 19.3° M.T. of the month.
 Highest " 29.82 Range of Thermometer 56°
 Least " 28.84
 Range of Barometer .98

DARTMOUTH COLLEGE,

January 1836

#

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Snow.	Rain.	
1	Cloudy	Cloudy	Cloudy	W	SW	SW			
2	Cloudy	Cloudy	Fair	W	W	W			
3	Cloudy	Fair	Fair	N	N	N			Snow and rain 3 in. in water 35 in.
4	Cloudy	Cloudy	Cloudy	N	N	N			Snow from 11 AM. to 11 P.M. 5 1/2 in. in water 30
5	Cloudy	Cloudy	Cloudy	N	N	N			
6	Cloudy	Cloudy	Fair	SE	SE	S			
7	Fair	Cloudy	Cloudy	NE	NE	S			
8	Cloudy	Cloudy	Cloudy	SE	E	NE			Light snow 2 in. in water 10.
9	Cloudy	Cloudy	Cloudy	NE	NE	NE			
10	Cloudy	Cloudy	Cloudy	N	N	NW			
11	Cloudy	Cloudy	Cloudy	NW	NW	NW			
12	Cloudy	Cloudy	Cloudy	NW	NW	NW			
13	Cloudy	Fair	Cloudy	N	N	NW			
14	Cloudy	Cloudy	Cloudy	N	NW	NW			Snow from 3 P.M. to 10 A.M. 3 in. in water 3.
15	Cloudy	Cloudy	Cloudy	N	N	N			
16	Fair	Fair	Fair	N	NE	N			
17	Cloudy	Cloudy	Cloudy	N	N	E			
18	Cloudy	Cloudy	Cloudy	SE	S	S			
19	Cloudy	Cloudy	Cloudy	W	W	W			
20	Fair	Fair	Fair	NW	N	N			
21	Cloudy	Cloudy	Cloudy	NE	W	SW			
22	Cloudy	Cloudy	Cloudy	S	W	NW			
23	Cloudy	Fair	Fair	W	W	W			
24	Fair	Fair	Cloudy	W	W	W			Great snow storm from 11 P.M. to [3 P.M. 20 inches. in water 2.3 in.
25	Cloudy	Cloudy	Cloudy	N	NW	NW			
26	Cloudy	Fair	Cloudy	N	SW	SW			
27	Cloudy	Fair	Cloudy	NW	NW	W			
28	Fair	Fair	Fair	S	W	W			
29	Cloudy	Fair	Cloudy	S	S	S			
30	Cloudy	Cloudy	Cloudy	S	S	SW			[9 in. in water 6.
31	Cloudy	Cloudy	Cloudy	S	S	S			Snow from 7 A.M. to past mid-night.

Coldest day 16th -4 -3 -4° Copied from original records by S. M. Dec. 15, 1927.
 Warmest " 13, 34 42 36
 Fair days 3
 Cloudy " 17
 Variable " 11
 Snow 42 1/2 in. --- in water, 3.85 inches
 Winds N 25, NW 16, NE 9, S 14, SW 6, SE 7, E 2, W 8.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.								
	☉	☽	4:30 P.M.	☉	☽	☽	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	Sunrise		28.81	13	16	-6									
2			29.01	29	-4	-6									
3			29.05	29.18	-23	9	-10								
4			29.27	29.34	-23	6	-8								
5			29.37	29.30	-18	0	-4								
6			29.30	29.48	-11	10	10								
7			29.57	29.55	-21	0	6								
8			29.40	28.85	13	29	26								
9			28.90	29.02	24	29	26								
10			29.14	29.35	22	28	22								
11			29.52	29.70	14	22	7								
12			29.67	29.57	11	24	20								
13			29.47	29.13	22	34	29								
14			29.07	29.01	14	11	2								
15			29.01	28.95	-12	16	0								
16			29.12	29.30	-15	9	-9								
17			29.33	29.35	-9	13	-7								
18			29.50	29.57	-23	8	-12								
19			29.60	29.56	-21	8	3								
20			29.52	29.32	12	33	28								
21			29.24	29.24	27	48	37								
22			29.25	29.28	37	43	20								
23			29.30	29.30	22	44	36								
24			29.24	28.83	35	43	36								
25			28.65	29.06	32	20	12								
26			29.20	29.01	0	19	10								
27			29.16	29.35	-2	20	12								
28			29.50	29.74	-3	24	-2								
29			29.73	29.41	-10	29	20								
30															
31															

Mean Pressure 29.266 Mean Temp. 26.2° 20.37° 9.58° = 10.86 Mt. of the month
 Greatest " 29.74 Range of Thermometer 79
 Least " 28.65
 Range of Barometer 1.09

DARTMOUTH COLLEGE,

February 1836



DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	☉	☽	☽	☽	☽	☽	☽	☽	☽	☽	☽	☽	☽	Snow.	
1	Kind. Sunrise	Amt.	Kind. 1:30 P.M.	Amt.	Kind. 9:30 P.M.	Amt.	☽	☽	☽	☽	☽	☽	☽		
2	Cloudy	Fair	Fair				N	NW	NW						
3	Fair	Fair	Fair				NW	NW	W						
4	Fair	Fair	Fair				NW	W	NW						
5	Cloudy	Fair	Fair				NW	W	NW						
6	Fair	Fair	Fair				N	NW	NW						
7	Cloudy	Fair	Fair				NW	N	N						
8	Cloudy	Cloudy	Cloudy				N	N	N						Light snow all day 1 1/2 in. in water. 16.
9	Cloudy	Cloudy	Cloudy				N	NE	NW						Snow from midnight to midnight 15 in. in water 1.7.
10	Fair	Fair	Cloudy				S	SW	W						Snow in the evening 7 in. in water. 16.
11	Cloudy	Cloudy	Cloudy				SW	W	W						
12	Fair	Fair	Fair				NW	NW	NW						Auror. Bor. very faint.
13	Cloudy	Cloudy	Cloudy				SW	SW	S						Snow from 10 A.M. to 2 P.M. 1 1/2 in. in water. 21.
14	Cloudy	Cloudy	Cloudy				SW	SW	W						Snow from 5 A.M. to 10 P.M. 5 in. in water. 7. High wind from 10 P.M. High wind. Calm from 1 to 4 P.M. [Wind through the night.
15	Cloudy	Cloudy	Cloudy				NW	N	NW						
16	Fair	Fair	Fair				NW	W	W						
17	Fair	Fair	Cloudy				W	NW	NW						
18	Cloudy	Cloudy	Cloudy				NW	NW	NW						
19	Fair	Fair	Fair				NW	NW	NW						
20	Cloudy	Cloudy	Cloudy				N	N	W						
21	Cloudy	Cloudy	Cloudy				W	W	W						Light snow in morn. 1 in. in water. 12.
22	Cloudy	Cloudy	Cloudy				W	W	NW						
23	Cloudy	Fair	Fair				NW	NE	NE						
24	Cloudy	Cloudy	Cloudy				NE	NE	SE						
25	Cloudy	Cloudy	Cloudy				S	SE	SE						Rain from midnight through the day and night, 1. 1/2 inch.
26	Cloudy	Cloudy	Fair				NW	NW	NW						Snow with high wind, from 6 A.M. till 10 P.M. 4 1/2 in. in water. 6.
27	Cloudy	Cloudy	Cloudy				NW	NW	NW						Snow 2 inch. in water. 3.
28	Fair	Cloudy	Cloudy				NW	NW	NW						
29	Fair	Fair	Fair				NW	NW	NW						
30	Fair	Cloudy	Cloudy				NW	SE	SE						Snow from 3 P.M. 4 1/2 in. in water. 6.
31															

Coldest day, 2nd, -29 -4 -6 Copied from original records by S. J. M. Dec. 16, 1927
 Warmest " 24th, 35 43 36
 Fair days 7
 Cloudy " 13
 Variable " 9
 Winds N 11, NW 42, NE 4, S 3, SW 6, SE 6, W 15.
 Snow 36 in. in water, 6.25 in. of which 4.55 inches was from snow.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
	1	2	3	Mean.	Max.	Min.	6-9 AM	W-B	9-12 AM	W-B	3-6 PM	W-B
1 29.41		29.30	16	52	29							
2 29.23		29.17	22	53	36							
3 29.13		29.10	28	58	32							
4 29.08		29.09	25	56	33							
5 29.15		29.23	21	34	20							
6 29.30		29.33	19	36	19							
7 29.35		29.37	10	46	34							
8 29.37		29.20	22	54	41							
9 29.16		29.04	39	56	39							
10 28.86		29.18	44	44	24							
11 29.23		29.43	17	32	15							
12 29.50		29.59	8	34	20							
13 29.37		29.35	16	34	28							
14 28.95		28.95	31	48	35							
15 29.84		29.28	34	47	32							
16 29.38		29.40	23	51	37							
17 29.43		29.43	28	52	38							
18 29.41		29.18	38	49	48							
19 29.30		29.48	42	54	37							
20 29.64		29.60	28	59	21							
21 29.44		28.94	38	55	48							
22 28.88		29.28	37	33	28							
23 29.36		29.26	24	42	40							
24 29.32		29.60	33	38	27							
25 29.70		29.49	19	42	41							
26 29.30		29.15	37	67	50							
27 29.10		29.44	50	48	37							
28 29.58		29.52	27	60	38							
29 29.50		29.33	39	35	43							
30 29.50		29.55	39	61	47							
31												

The weather of the past month has been far less cloudy and boisterous than that of the preceding April, and yet, it will be perceived that the mean temperature is somewhat lower. This is probably to be attributed to the melting of the immense quantity of snow, which lay upon the ground at the beginning of the month. Large masses of snow still lie upon the northern declivity of the neighboring hills. Connecticut River broke up April 10. - Edm.

Mean Pressure 29.303 Mean Temp 38.6 49.7, 34.4 36.9 MT of the month.
 Greatest " 29.70 Range of Thermometer 55° 36.8°
 Least " 28.86 Mean temp of April last year 37.6° - Fair days 9
 Range of Barometer 84 " at sundown 31.6 - Cloudy, 14
 " " " 47.5 - Variable, 7
 " " " 33.8 - Water, 2.96
 Coldest day, 16, 35, 25 - Warmest day, 45, 61, 40°

DARTMOUTH COLLEGE, April 1836 19

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	Dir.	Am't.	Dir.	Am't.	Snow.	Rain.	
1 Fair	Fair	Fair	SW	S	S						Fine weather from the beginning of the month to the 9 th .
2 Fair	Fair	Fair	S	S	S						
3 Fair	Fair	Fair	SE	SE	9						
4 Fair	Fair	Fair	SE	N	N						
5 Fair	Fair	Fair	NW	NW	NW						
6 Cloudy	Fair	Fair	NW	NW	NW						
7 Fair	Fair	Cloudy	NW	S	S						Sleighing gone.
8 Fair	Fair	Cloudy	S	S	S						Between 8 and 9 P.M. thunder and lightning in the SW.
9 Cloudy	Cloudy	Cloudy	S	S	S						Heavy mist, with gentle rain from 2 P.M.
10 Cloudy	Cloudy	Cloudy	S	W	W						Mist and gentle rain till 11 A.M. when the wind suddenly shifted to N.
11 Fair	Cloudy	Fair	W	W	NW						Faint Aurora between 8 and 9 P.M. at 10 1/2 P.M. a bright auroral arch, completely spanning the heavens from E to W, 6 or 7 deg. S of the zenith, sky perfectly clear on each side.
12 Fair	Fair	Fair	NW	NW	NW						Snow from 11 A.M. through the day, 3 1/2 in.
13 Fair	Cloudy	Cloudy	NW	SE	SE						Gentle rain from 6 P.M. till morning. 2.
14 Cloudy	Cloudy	Cloudy	NW	NW	NW						(17) Faint Aurora at 9 P.M.
15 Cloudy	Cloudy	Fair	NW	NW	NW						(18) Misty till noon. Gentle rain in afternoon from 9 to 11 A.M. brisk shower. 5.
16 Fair	Fair	Fair	NW	SW	S						
17 Fair	Fair	Fair	S	S	S						
18 Cloudy	Cloudy	Cloudy	S	SE	W						
19 Cloudy	Cloudy	Fair	N	NW	NW						
20 Fair	Fair	Fair	NW	E	SE						
21 Cloudy	Cloudy	Cloudy	SE	SE	SE						Rain from 10 P.M. till morning. 3.
22 Cloudy	Fair	Fair	SE	NW	NW						At 6 1/2 A.M. sudden change of wind from SE to NW, at 8 A.M. a snow squall, wind high.
23 Cloudy	Cloudy	Fair	SW	SW	SW						Snow gone from the common, but still lingering in neighboring fields.
24 Fair	Cloudy	Fair	W	W	NW						
25 Fair	Cloudy	Cloudy	NW	S	S						
26 Cloudy	Cloudy	Cloudy	S	S	N						Gentle rain from 7 A.M., 2. From 7 P.M. lightning N and S - at 10 P.M. a slight thunder shower, 1/2.
27 Cloudy	Cloudy	Fair	NW	NW	NW						(21) High wind in the forenoon
28 Fair	Cloudy	Cloudy	NW	W	W						
29 Cloudy	Cloudy	Cloudy	NE	SE	SE						Rain from sunrise to sunset. 5 1/2.
30 Cloudy	Fair	Fair	N	W	W						Snow nearly gone from neighboring fields, but large masses still lie on the hills.
31											

Coldest day 12th 8 34 20 Copied from original records by G.S.M. Dec. 16, 1927.
 Warmest " 30th 39 61 48
 Fair days --- 9
 Cloudy " 7
 Variable " 14
 Winds N5, NW 30, NE 1, S 24, SW 5, SE 13, E 1, W 11.
 Snow 3 in. --- in water, from rain and snow,
 2.44 inches, of which .4 was from snow.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.		THERMOMETER.				HYGROMETER.							
	☀	9:30 P.M.	☀	1:30 P.M.	9:30 P.M.	Mean.	Max.	Min.	6:30 P.M.	W-B.	12:00 M.	W-B.	9:30 P.M.	W-B.
1	29.54	29.30	32	70	41									
2	29.25	28.95	41	80	65									
3	28.95	28.91	64	73	54									
4	29.03	29.20	50	52	41									
5	29.23	29.28	32	58	39									
6	29.30	29.20	30	70	50									
7	29.17	29.08	48	66	54									
8	29.15	29.24	42	55	40									
9	29.36	29.37	29	60	44									
10	29.40	29.30	35	78	60									
11	29.30	29.20	48	84	62									
12	29.18	28.90	52	85	69									
13	28.84	29.30	60	41	28									
14	29.44	29.48	24	52	37									
15	29.48	29.30	30	69	53									
16	29.28	29.12	47	85	74									
17	29.12	29.16	73	80	64									
18	29.26	29.26	50	71	56									
19	29.30	29.45	40	64	45									
20	29.48	29.24	39	67	56									
21	29.16	29.16	55	77	62									
22	29.18	29.14	59	57	48									
23	29.10	29.11	47	67	56									
24	29.18	29.20	50	54	47									
25	29.13	29.18	40	58	51									
26	29.27	29.44	48	56	46									
27	29.45	29.40	43	48	42									
28	29.32	29.25	43	60	54									
29	29.25	29.30	53	63	54									
30	29.35	29.48	47	57	44									
31	29.48	29.42	33	67	50									

Mean Pressure 29.246
 Greatest " 29.54
 Least " 28.84
 Range of Barometer .70

Mean Temp. 44.61° 65.26° 51.16° = 53.68° M.T. of the month.
 Range of Thermometer from 24 to 85

DARTMOUTH COLLEGE, May 1836

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.		
	☀	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁		☁	☁
1	.1	.1	0	N	W	SW											
2	.1	.8	.5	S	W	S											Very light showers in afternoon. .08.
3	.1	.1	.5	W	NW	W											
4	.1	.1	0	NW	NW	NW											
5	0	0	0	NW	NW	NW											
6	0	0	0	NW	S	S											
7	.6	.9	1.0	S	SW	SW											Rain from 2 P.M., .35.
8	.5	0	0	NW	NW	NW											Aurora from 8 1/2 to 10—faint arch So of the zenith.
9	0	0	0	NW	NW	W											[Corruscations from north to zenith.
10	0	0	0	SW	SE	SW											
11	0	0	0	S	S	SW											Aur. Bor. from 8 1/2 to 11 P.M.
12	0	.1	.3	S	S	S											Lightning in the evening from 8 1/2 P.M.
13	.9	.2	0	NW	NW	N											At 7 a.m.
14	0	0	0	N	N	N											
15	.1	.1	0	N	S	S											
16	0	.1	.9	S	SW	SW											
17	.7	.4	0	SW	W	SW											
18	0	0	0	NW	NW	W											
19	0	0	0	W	NW	NW											
20	.5	.6	.8	NW	SW	S											
21	.6	.5	.6	S	NW	NW											
22	.8	.9	1.0	SE	SE	SE											
23	.9	.7	.6	SE	SE	SE											
24	.9	1.0	.9	SE	SE	SE											
25	1.0	.8	.9	SE	SE	S											
26	.9	.8	.8	SE	SE	SE											
27	.9	.9	.9	SE	SE	SE											
28	1.0	.9	1.0	SE	SE	SE											
29	1.0	1.0	1.0	NE	E	SE											
30	.7	.6	0	E	E	E											Rain in morning, .08.
31	0	0	0	SE	SE	SE											Frost

1.0 denotes that the sky is entirely overcast with clouds.
 .9 " " about nine-tenths of the sky is clouded.
 0 " " the sky is clear, or very nearly so.

Coldest day, 14th 24° 52' 37"
 Warmest " 17th 73° 80' 64"
 Rain 3.71"
 Winds N 6, NW 2, NE 2, S 6, SW 12, SE 24, E 4, W 8.
 Mean Cloudiness of the month .38

Copied from original records by H. S. M. Dec. 19, 1927.
 H. Chronicle

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.		THERMOMETER.			HYGROMETER.								
	7	9:30 P.M.	7	9:30 P.M.	9:30 P.M.	Mean.	Max.	Min.	θ-B.	-W-B.	θ-B.	W-B.	-θ-B.	W-B.
1	29.37	29.39	38	74	54									
2	29.30	29.33	44	78	66									
3	29.34	29.34	45	70	53									
4	29.34	29.34	44	67	58									
5	29.34	29.40	60	75	58									
6	29.45	29.45	58	72	62									
7	29.45	29.30	60	76	66									
8	29.30	29.28	64	85	68									
9	29.30	29.35	63	84	60									
10	29.40	29.35	50	76	56									
11	29.33	29.02	54	85	70									
12	29.15	29.30	64	70	53									
13	29.40	29.40	42	69	52									
14	29.40	29.23	41	80	57									
15	29.20	29.30	50	69	43									
16	29.32	29.19	45	70	58									
17	29.17	29.15	57	65	60									
18	29.16	29.05	57	61	58									
19	29.05	29.07	58	76	60									
20	29.14	29.20	65	57	48									
21	29.20	29.22	49	53	50									
22	29.22	29.26	50	61	55									
23	29.27	29.30	52	70	55									
24	29.35	29.35	55	67	54									
25	29.35	29.39	50	68	53									
26	29.39	29.34	54	74	57									
27	29.32	29.24	52	80	62									
28	29.24	29.29	56	86	66									
29	29.22	29.22	61	75	63									
30	29.24	29.20	59	80	68									
31														

The past month has been remarkable for the prevalence of easterly winds. During the June of last year the winds were westerly at 74 observations. During the June of this year only 21.
 It will be noticed that the thermometer at 1/2 P.M. indicates a higher temperature than at the corresponding time last year. This is doubtless owing to a change of the exposure of the thermometer. For convenience sake, it has been removed to a different place, well shaded, however, and looking to the north, - but the ground near it not being covered by vegetation, and exposed to the rays of the sun, has probably, on fair days, raised the thermometer, at noon, some 4 or 5 degrees above the temperature of former situation. This source of error will hereafter be avoided. E.M.

Mean Pressure 29.28 Mean Temp. 53.23 72.43 58.1° = 61.25 M.P. of the month.
 Greatest " 29.45 Range of Thermometer 48°
 Least " 29.02 Mean temperature of June last year 61.5°
 Range of Barometer. 43 " " at sunrise " " 54.6°
 " " " " at 1/2 P.M. " " 69.7°
 " " " " at 9 1/2 P.M. " " 60.3°

DARTMOUTH COLLEGE,

June 1836

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Snow.	Rain.	
1	0		0		0		SE		W		S				
2	.2		1.0		1		S		S		SE				
3	0		.1		.2		E		SE		SE				
4	.2		.9		.3		SE		SE		SE				
5	.9		.9		0		NE		SE		SE			Aurora Borealis	
6	1.0		.9		.9		NE		E		SE				
7	1.0		.9		1.0		E		E		SE			Shower in morn - rainy evening.	
8	1.0		.4		.5		SE		S		SW			Faint Aurora.	
9	0		.8		0		W		NW		N				
10	0		.1		.8		S		S		SE			Light rain from 10 P.M. 10.	
11	.1		.1		1.0		S		S		S				
12	.4		.2		0		W		NW		N				
13	0		.1		0		N		NW		NW				
14	0		0		.3		NW		S		SE				
15	.2		.3		.1		SE		N		NW				
16	.9		1.0		1.0		NW		S		S			Rainy evening, 12.	
17	1.0		1.0		1.0		S		NE		NE			Rainy, 24.	
18	1.0		1.0		1.0		E		SE		S			Rainy a.m. - thunder shower P.M. 1.25.	
19	.5		.9		1.0		N		N		N			Rainy evening, 21.	
20	1.0		1.0		1.0		N		SE		NE			Rainy, 58.	
21	1.0		1.0		.9		E		NE		E			Rainy, 12.	
22	.9		.9		.9		E		NE		NE				
23	.8		.8		.7		NE		E		SE				
24	.6		.8		.9		E		E		E				
25	.9		.7		.8		E		W		W			Light showers P.M. 1.05.	
26	1.0		.6		.4		E		S		SW				
27	0		.2		0		SW		NW		SE				
28	0		.1		1.0		SE		W		NE			Light showers with thun. & lightning. 25.	
29	0		.1		0		NE		E		NW			Light showers a.m. 1.00.	
30	0		.8		.9		W		W		W			Lightning in the evening.	
31															

1835 coldest day 20 55° 54' 45"
 1836 coldest day 21 49° 53' 50"
 1835 warmest day 23 66° 78' 69"
 1836 warmest " 28 64° 83' 68"
 1835 Rain 4.80
 1836 " 3.06
 Average Cloudiness 5.42
 1835 Winds N, NW, NE, SW, SE, W, W7.
 1836 " N, NW, NE, SW, SE, E, W, W9.

Copied from original records by G. M. Dec. 19, 1937. N.H. Chronicle

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
	7	8	9	7	8	9	7		8		9	
	Barom.	Barom.	Barom.	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.61	29.59	29.57	64	78	71						
2	29.61	29.57	29.57	66	90	70						
3	29.61	29.62	29.62	69	83	68						
4	29.62	29.54	29.54	68	79	70						
5	29.54	29.51	29.51	67	83	72						
6	29.54	29.47	29.47	67	78	70						
7	29.55	29.61	29.61	66	84	75						
8	29.64	29.55	29.55	66	89	76						
9	29.55	29.46	29.46	69	86	78						
10	29.50	29.65	29.65	73	77	65						
11	29.70	29.72	29.72	58	76	66						
12	29.71	29.67	29.67	58	76	71						
13	29.66	29.61	29.61	71	77	70						
14	29.61	29.62	29.62	71	75	65						
15	29.66	29.77	29.77	61	75	68						
16	29.85	29.85	29.85	59	72	62						
17	29.86	29.85	29.85	61	72	61						
18	29.90	29.86	29.86	50	77	63						
19	29.83	29.58	29.58	56	80	70						
20	29.48	29.39	29.39	68	80	73						
21	29.34	29.23	29.23	67	76	68						
22	29.26	29.46	29.46	58	70	60						
23	29.53	29.55	29.55	51	72	63						
24	29.46	29.52	29.52	62	63	66						
25	29.60	29.65	29.65	66	66	60						
26	29.65	29.63	29.63	56	69	62						
27	29.70	29.70	29.70	48	70	60						
28	29.66	29.65	29.65	54	73	63						
29	29.61	29.41	29.41	63	66	63						
30	29.31	29.45	29.45	64	72	66						
31	29.57	29.60	29.60	65	78	67						

Mean Pressure 29.598 inches Mean Temp. 62.3 76.2 67.1 = 68.5 M.T. of the month.

Greatest " 29.90
Least " 29.23

Range of the Barometer. 67

It may be observed that the mean pressure is given as having been greater than usual. The difference has arisen chiefly from the use of a new barometer, the old one having become rather inaccurate from the accidental admission of air into the tube.

DARTMOUTH COLLEGE,

July 1836



DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	7	8	9	7	8	9	7	8	9	7	8	9	Snow.	Rain.	
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.			
1	0	0	0	0	0	0	SW		W		W				
2	0	0	0	0	0	0	W		W		W				
3	0	0	0	0	0	0	E		E		E			Lightning in the evening.	
4	1.0	1.0	1.0	1.0	1.0	1.0	SE		S		S			Rainy, .17	
5	Fog	.6	Fog	.3	Fog	.3	S		SW		SW			Slight shower 3 P.M., .04.	
6	.4	.6	.4	.6	.4	.6	SW		SW		W			Rain from 3 to 6 P.M., .07. Light'g in evening.	
7	0	0	0	0	0	0	W		W		SW			At 3 1/2 P.M. thermom. 87°.	
8	Fog	0	Fog	0	Fog	0	W		SW		SW			At 4 1/2 P.M. thermom. 90°. Aurora faint.	
9	0	.5	0	.5	0	.5	SW		SW		S			Lightning 9 P.M. and shower in night, .27.	
10	.8	.3	0	.3	0	.3	S		W		N			Rain from 7 to 9 A.M., .10. Aurora.	
11	0	.3	0	.3	0	.3	N		E		SE				
12	0	.7	0	.7	0	.7	E		SE		SE				
13	.8	.6	.8	.6	.8	.6	SE		SE		SE				
14	.8	.7	.8	.7	.8	.7	SE		NE		N			Rain from 7 A.M. to sunset, .96.	
15	0	.1	0	.1	0	.1	N		NE		NE				
16	Fog	.1	Fog	.1	Fog	.1	NE		NE		SE			Aurora from 11 to 12 P.M.	
17	Fog	.1	Fog	.1	Fog	.1	E		N		N				
18	Fog	.1	Fog	.1	Fog	.1	N		W		N				
19	.6	.1	.6	.1	.6	.1	N		W		S				
20	.4	.1	.4	.1	.4	.1	S		NW		W			Lightning NW.	
21	.3	.6	.3	.6	.3	.6	S		S		S			Rain from 10 A.M. Showery, .08.	
22	0	.1	0	.1	0	.1	N		N		N				
23	0	0	0	0	0	0	NW		S		S				
24	.9	.8	.9	.8	.9	.8	S		S		SW			Rain from 4 A.M. to 10, .20.	
25	.6	.2	.6	.2	.6	.2	SW		NW		NW				
26	.5	.3	.5	.3	.5	.3	NW		N		N				
27	Fog	.2	Fog	.2	Fog	.2	N		NW		NW				
28	.6	.1	.6	.1	.6	.1	NW		W		S				
29	.8	.8	.8	.8	.8	.8	S		S		S			Rain, .28.	
30	.6	.3	.6	.3	.6	.3	S		NW		N				
31	Fog	.1	Fog	.1	Fog	.1	N		N		S			Aurora - with streamers.	

Rain 2.17

Average Cloudiness .29

Winds N18, NW10; NE5, S20, SW12; SE9; E6; W13.

Copied from original records by H. S. M. January 3, 1928.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
	7	2	9	7.	2	9	7	2	9	7	2	9
	Bar.	Therm.	Bar.	Therm.	Bar.	Therm.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.58	29.50	58	86	78							
2	29.68	29.66	56	72	61							
3	29.70	29.56	46	69	66							
4	29.48	29.65	65	71	69							
5	29.75	29.88	53	71	59							
6	29.88	29.78	48	70	63							
7	29.78	29.71	54	74	67							
8	29.70	29.58	60	80	69							
9	29.66	29.76	48	66	51							
10	29.75	29.66	40	61	56							
11	29.62	29.55	54	58	56							
12	29.61	29.65	56	66	56							
13	29.85	29.48	56	70	61							
14	29.86	29.47	60	70	61							
15	29.55	29.61	57	67	58							
16	29.66	29.69	48	70	60							
17	29.71	29.71	48	71	64							
18	29.70	29.57	57	70	64							
19	29.40	29.40	60	65	63							
20	29.48	29.65	53	60	48							
21	29.66	29.50	48	63	57							
22	29.53	29.65	56	67	53							
23	29.69	29.69	43	62	51							
24	29.77	29.80	39	64	53							
25	29.80	29.71	43	70	61							
26	29.69	29.54	51	78	64							
27	29.56	29.56	56	76	65							
28	29.57	29.59	54	79	69							
29	29.59	29.42	56	76	67							
30	29.31	29.37	67	66	57							
31	29.45	29.50	48	71	59							

Mean Pressure 29.619 Mean Temp. 53.84 69.64 60.67 = 61.05 - M.T. of the month.
 Greatest " 29.88 Range of Thermometer 47
 Least " 29.31
 Range of Barometer .57
 Mean temperature for August 1835, was 62.6. Coldest day 4th
 41° 57° 54°, Warmest day 12th, 66° 82° 76°. Range of the thermometer
 41°; Rain, 3.86. EdM.

DARTMOUTH COLLEGE, August 1836 19

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
1	.1	.5	.3	S	S	N			Light Rain, .02.
2	.1	.1	0	NW	N	N			Bright Aurora Borealis.
3	Fog	0	0	NW	S	S			Light rain, .04.
4	.5	.3	.1	S	NW	NW			Rain .20. Aurora.
5	Fog	.1	0	NW	NW	NW			
6	Fog	.8	.2	W	W	S			
7	.3	.5	.3	S	SW	SW			
8	Fog	.5	1.0	S	NW	NW			Thunder Shower, .60.
9	0	.3	0	N	N	N			
10	Fog	.9	.9	N	NW	NW			Frost on the uplands above the fog
11	1.0	1.0	1.0	S	S	S			Rain, .12.
12	.5	.3	0	NE	NE	N			Splendid aurora.
13	Fog	.5	.5	N	NE	NE			
14	1.0	.9	.9	E	NW	NW			Thunder Shower, .30. Aurora.
15	.6	.7	0	NW	N	N			Aurora.
16	Fog	.2	0	NW	NW	NW			
17	Fog	.2	.2	NW	NW	N			
18	.2	.5	.9	N	S	S			
19	1.0	1.0	.3	S	SE	SE			Rain from 4 a.m. .20.
20	.2	.5	0	N	NW	NW			Aurora.
21	Fog	.5	.4	NW	S	W			
22	0	.5	0	S	W	N			
23	.1	.1	0	NE	NW	NW			
24	Fog	0	0	NW	NW	E			
25	Fog	.1	.1	E	SW	W			
26	Fog	.1	.1	W	SW	SW			
27	Fog	0	0	SW	SW	SW			
28	Fog	0	.0	W	S	W			
29	0	.5	.6	W	SW	SW			Shower in the evening, .44.
30	.3	.5	.8	W	NW	N			
31	.1	.0	.4	NW	W	W			

Copied from original records by G. S. M. January 3, 1928.
 Coldest day, 24th 39 64 53
 Warmest " 12th 58 86 78
 Rain 1.92
 Average Cloudiness .83
 Winds N 15, NW 29, NE 5, W 12, S 12, SW 10, SE 2, E 3

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.								
	7 Sunrise	4	9:30 P.M.	7 Sunrise	2 1:30 P.M.	9 9:30 P.M.	Mean.	Max.	Min.	7 D. B.	2 W. B.	9 D. B.	2 W. B.	9 D. B.	2 W. B.
1	29.43		29.41	57	71	59									
2	29.60		29.70	48	57	50									
3	29.75		29.65	41	55	58									
4	29.60		29.46	59	76	70									
5	29.45		29.66	58	58	45									
6	29.80		29.93	35	55	46									
7	29.99		29.95	35	59	50									
8	29.87		29.70	51	65	54									
9	29.65		29.85	50	65	52									
10	29.95		29.95	42	46	49									
11	29.85		29.85	50	60	51									
12	29.82		29.85	47	74	68									
13	29.90		29.88	65	73	70									
14	29.99		29.95	70	78	61									
15	29.95		29.93	58	72	60									
16	29.75		29.62	49	63	56									
17	29.66		29.65	54	64	60									
18	29.65		29.60	54	63	60									
19	29.55		29.72	58	85	72									
20	29.55		29.83	72	80	65									
21	29.80		29.63	52	66	56									
22	29.60		29.66	50	72	56									
23	29.65		29.50	63	64	62									
24	29.40		29.55	59	58	52									
25	29.56		29.46	50	50	46									
26	29.16		29.03	39	54	48									
27	29.20		29.40	48	56	44									
28	29.45		29.55	42	46	36									
29	29.73		29.75	36	49	41									
14 th & 30	29.90		29.90	34	47	40									
31															

Mean Pressure 29.676 Mean Temp. 50.6° 62.6° 57.9° = 57.0° M.T. of the month.
 Greatest " 29.99 Range of Thermometer 34 to 88
 Least " 29.03 Mean Temp. of Sept. 1835 53.2
 Range of Barometer " " at Sunrise 46.8
 " " " 1/2 P.M. 62.1
 " " " 9/2 P.M. 50.5

DARTMOUTH COLLEGE, September 1836

DATE.	CLOUDS.				WIND.			PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	7	2	9	Snow.	Rain.	
1	.1	.7	.2		SW	SW	SW			Rain from 2 P.M. 18.
2	.3	.4	0		W	W	N			
3	.7	.9	.6		SW	S	S			
4	.7	.8	.9		S	S	S			
5	.8	0	0		N	NW	N			Rain, 06.
6	0	0	0		N	N	N			Severe frost.
7	0	0	0		N	S	S			Severe frost.
8	.3	.3	0		S	SE	SE			
9	Fog	1.0	1.0		SE	NE	E			Rain from 4 P.M. 04.
10	.9	.9	.9		NW	SE	SE			
11	1.0	1.0	1.0		S	S	S			Rainy forenoon, and thru the night, 62.
12	.5	.8	1.0		S	S	S			
13	.9	.8	.7		S	S	S			Aurora in evening.
14	.5	.9	0		S	W	W			
15	0	.4	0		N	E	N			Aurora with streamers, from 9 to 10.
16	Fog	0	0		N	N	N			Faint Aurora.
17	1.0	1.0	1.0		S	S	N			Rainy from 10 a.m. 10.
18	0	0	0		NE	NE	NE			
19	0	.1	0		SE	W	SW			Faint Aurora.
20	.3	.3	.3		W	NW	N			
21	0	.3	.3		N	N	N			Faint Aurora.
22	Fog	.5	.4		W	S	S			Heavy fog.
23	1.0	1.0	1.0		S	S	S			Rainy, 24.
24	1.0	1.0	.9		SE	E	N			Rainy, 30.
25	.2	.2	0		NW	NW	N			
26	0	.8	.8		W	SW	S			
27	.5	.9	.8		S	S	SE			Rainy, 08.
28	.6	.7	0		N	W	NW			Slight squall of snow at sunrise.
29	.2	.5	0		NW	W	N			
30	0	.4	.8		E	E	E			
31										

Coldest day, 30th, 34 47 40 Copied from original records by ^{Mr. Chronely} G. A. M. January 4, 1923.
 Warmest " 19th, 58 85 72 Warmest day 1835, 6th, 62 82 67
 Average Cloudiness .75 Coldest " " 30th 40 44 40
 Rain 1.67 Rain " " 1.41 inches
 Winds N 22, NW 7, NE 4, W 10, S 18, SW 6, SE 8, E 5.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.						HYGROMETER.							
	Sunrise	Z	4:30 P.M.	NEWPORT, R. I.			NEWPORT, R. I.			NEWPORT, R. I.			NEWPORT, R. I.				
				7 A.M.	8:30 P.M.	9:30 P.M.	7 A.M.	8:30 P.M.	9:30 P.M.	WINDS.	W-B.	D-B.	W-B.	D-B.	W-B.		
1	29.75		29.70	40	65	52	50	60	54	SE	Cloudy						
2	29.40		29.41	54	66	57	60	70	60	SE NE	Rain all day.						
3	29.50		29.55	42	52	44	54	64	50	NE	Cloudy all day						
4	29.60		29.55	35	57	40	48	50	46	NE	Cloudy then clear						
5	29.45		29.10	40	45	42	46	60	52	NE	Cloudy Rain Cloudy						
6	29.00		29.30	42	44	40	42	54	48	NE	Cloudy all day.						
7	29.35		29.60	37	52	40	44	56	52	SW	Clear then cloudy.						
8	29.65		29.75	32	50	38	44	60	44	NW SW	Clear and pleasant.						
9	29.75		29.90	32	48	32	42	60	45	NE	Clear then cloudy.						
10	29.90		29.90	28	44	30	38	54	40	NW NE	Clear all day.						
11	29.95		29.95	19	48	30	36	52	44	NE	Cloudy all day.						
12	29.93		29.25	33	38	38	48	54	43	SW	Cloudy Rain Cloudy						
13	29.40		29.50	34	54	42	40	58	53	SW	Clear and pleasant.						
14	29.50		29.40	42	56	50	54	69	58	SW	Clear and pleasant.						
15	29.36		29.50	47	56	32	57	62	46	SW	Clear and pleasant.						
16	29.55		29.35	30	53	43	42	60	50	NE SW	Clear day Rain at evening.						
17	29.55		29.50	29	52	32	42	56	50	SE SW	Clear all day.						
18	29.70		29.90	32	43	28	36	54	42	NW	Clear all day.						
19	29.75		29.35	29	35	48	44	59	59	SE SE	Cloudy day.						
20	29.10		29.30	58	36	28	60	54	42	NW	Cloudy, Rain then clear.						
21	29.28		29.50	28	37	30	42	52	36	NW	Cloudy then clear.						
22	29.65		29.70	30	36	30	34	50	44	NW	Clear all day.						
23	29.75		29.80	28	55	49	44	62	54	SW	Clear day.						
24	29.60		29.60	40	64	40	50	62	56	SW	Clear all day.						
25	29.80		29.80	22	32	28	30	44	32	NW	Clear all day.						
26	29.60		29.50	19	30	26	28	42	34	SW	Clear and blustering day.						
27	29.30		29.35	16	36	21	30	48	40	SW	Clear and very cool day.						
28	29.40		29.25	12	48	37	32	46	48	NE SW	Very pleasant day.						
29	29.25		29.60	37	40	32	48	50	36	SW	Clear and pleasant.						
30	29.75		29.90	28	22	29	38	54	34	NW NE	Clear and pleasant.						
31	29.95		29.90	27	38	26	30	50	34	NE NE	*Clear and very pleasant.						

Mean Pressure 29.568
 Greatest " 29.95
 Least " 29.00
 Range of Barometer .95

1835-1836
 Mean Temp. 43.2
 56.9 46.57 at 1 1/2 P.M.
 46.9 36.78 " 9 1/2 " "
 48.9 38.65 M.T. of the month.
 46.9 37.19 " "

From 29° to 72° 45' 12' to 66° 54' Range of Thermometer

NEWPORT, R. I. NEWPORT, R. I.

DARTMOUTH COLLEGE, October 1836

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Snow.	Rain.	
1	1.0		1.0		1.0		E		SE		S				Rain from 4 P.M. thru the night.
2	1.0		1.0		0		S		S		W				Rain, .45.
3	0		0		0		NW		NE		N				
4	.9		.9		.9		N		NE		N				
5	1.0		1.0		1.0		NE		NE		NE				Rain from 4 P.M. thru the night.
6	1.0		.8		.7		W		SW		SW				Rain till 7 A.M., .78.
7	.2		.5		.9		W		W		W				
8	.1		.9		.8		NW		NW		W				
9	0		0		0		N		NW		NW				
10	.6		0		0		N		NW		N				
11	0		0		.9		N		W		S				
12	1.0		.9		.9		NE		NE		NE				Snow from 4 A.M. 5 in at 9 A.M. Rain
13	.1		.2		.1		W		S		S				[from 10 A.M. to 6 P.M., .78.
14	.3		.9		.8		S		S		S				Aurora Borealis at 11 P.M.
15	.1		0		0		N		N		N				
16	.2		.8		.1		NW		E		W				Rain from noon, .38.
17	.2		.8		1.0		W		S		N				Violent squall of wind at 5 P.M.
18	.9		.9		.6		W		W		W				[Light snow from 10 P.M.
19	.9		1.0		1.0		SW		SW		SW				Snow from 8 A.M. 1 in, in water .04.
20	.9		.7		.2		S		NW		N				Sudden change of temp. with rain
21	0		.5		.2		W		NW		W				[from 10 A.M. till 2 P.M., .40. Squall
22	0		0		0		W		W		W				[of snow at 12 M. Violent wind at 3 P.M.
23	.2		.9		1.0		S		S		S				
24	.4		0		.9		SE		S		S				
25	.1		.2		.2		N		N		N				
26	0		0		0		N		N		N				
27	.1		0		.2		N		N		N				
28	0		.1		.8		N		S		S				
29	.9		.9		.9		S		W		N				Rain at 12 M., .08.
30	1.0		1.0		.9		N		NW		NW				
31	.4		0		0		N		S		SW				

Coldest day 1836, 27th, 16° 36' 21"
 " " 1835, 12th, 27° 48' 35"
 Warmest day, 1836, 2nd, 54° 66' 54"
 " " 1835, 19th, 61° 72' 64"
 Average Cloudiness .48
 Rain and Snow (melted) 2.91 inches
 Winds 1836 N 25, NW 11, NE 8, SW 2, SE 2, W 19, E 2.
 " 1835 " 6, " 21, " 4, " 53, " 7, " 2.

Copied from original records by S. S. M. January 4, 1928.
 The last month has been very remarkable for its coldness. It will be seen, that the average temperature was 10 1/4° lower than that of October, 1835 - and that the minimum temperature (12°) was 15° lower than that of the previous October. It is rarely the case, that the average temperature of two corresponding months, differ more than 4 or 5 degrees. S.S.M.

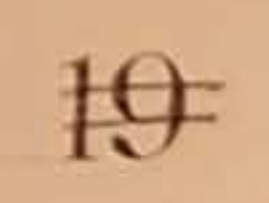
METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
	7	8	9:30 P.M.	7	8	9	7	8	9	7	8	9
	Bar.	Therm.	Therm.	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.85	29.70	15 47 29									
2	29.65	29.50	18 56 37									
3	29.40	29.50	36 42 35									
4	29.50	29.55	28 50 35									
5	29.60	29.60	29 48 36									
6	29.55	29.55	21 34 27									
7	29.60	29.65	16 42 28									
8	29.67	29.80	20 47 29									
9	30.00	30.15	17 42 28									
10	30.15	30.00	28 46 30									
11	29.90	29.75	35 48 44									
12	29.67	29.67	52 62 50									
13	29.60	29.66	40 46 30									
14	29.75	29.62	30 50 33									
15	29.40	29.42	32 39 36									
16	29.45	29.50	30 46 32									
17	29.50	29.55	32 36 28									
18	29.82	30.00	24 26 19									
19	30.10	30.00	13 34 19									
20	29.95	29.85	17 36 33									
21	29.70	29.29	37 44 44									
22	29.34	29.25	38 42 37									
23	29.16	29.02	32 35 31									
24	29.08	29.07	28 32 23									
25	29.10	29.25	18 18 15									
26	29.28	29.40	15 22 15									
27	29.47	29.66	17 20 16									
28	29.70	29.55	18 24 22									
29	29.44	29.35	22 27 16									
30	29.25	29.05	18 24 33									
31												

Mean Pressure 29.575 Mean Temp of the Month, 1836, 30.96°
 Greatest " 30.15 " " at sun-rise, 25.78°
 Least " 29.02 " " 1 1/2 P.M. 37.58°
 Range of Barometer 1.13 " " 9 1/2 " 29.78°
 Maximum temp, 62° Minimum, 13°
 Range of Thermometer, 49° in 1835, 70°

On the morning of the 12th, between 4:30 and 5 o'clock, some 20 or 30 meteors were seen by a gentleman in this village.

DARTMOUTH COLLEGE, November 1836



DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	
1	0	0	0	0	S	S	S		
2	0	.3	1.0	1.0	S	S	S		
3	1.0	1.0	1.0	1.0	NW	N	N		
4	1.0	1.0	1.0	1.0	N	N	N		
5	.9	.7	.4	.4	N	N	N		
6	.8	.8	0	0	N	N	N		
7	0	.4	.4	.4	N	N	N		
8	0	0	0	0	N	N	N	Aurora Borealis, 7 P.M.	
9	0	0	0	0	N	N	N	Aurora Borealis, 9 P.M.	
10	.2	.1	.1	.1	S	S	S		
11	.6	.7	.9	.9	S	S	S	Rain from 9 a.m. thru day, .70.	
12	1.0	1.0	.9	.9	S	S	S	Rain till afternoon, .44	
13	.5	.4	0	0	W	N	N	[day in water .60.]	
14	.7	.9	1.0	1.0	N	S	S	Snow and rain from 8 a.m thru the	
15	.4	1.0	.9	.9	N	N	N	Snow and rain continued thru day.	
16	.3	.4	.7	.7	N	N	N	[Snow 5 inches.	
17	.8	.4	.1	.1	N	N	N	Light snow at sunrise - in water .02.	
18	.2	.1	0	0	NE	W	W		
19	0	0	0	0	NW	NW	NW		
20	.1	.7	.6	.6	NW	S	S		
21	1.0	1.0	.9	.9	SE	E	NE	Heavy storm of rain from 7 1/2 a.m.	
22	.8	.9	.8	.8	SE	W	SW	through the day. 78. Rainbow 8 1/2 a.m.	
23	.9	.9	.7	.7	NW	SW	W	Light snow in morn. in water .02.	
24	.7	1.0	.6	.6	NW	NW	NW	Light snow squall thru the day	
25	.5	1.0	.9	.9	NW	NW	W	[in water .04.	
26	.5	.1	.7	.7	NW	N	N		
27	1.0	1.0	.2	.2	NW	NW	N	Light snow in morning - in water .02.	
28	1.0	.5	1.0	1.0	N	N	W		
29	1.0	.9	0	0	NE	N	N		
30	.4	.9	.4	.4	N	SW	SW	Light snow at noon - in water .02.	
31									

Coldest day, 25th, 1836, 18° 18' 15"
 " " 30th, 1835, -9° 11' 4"
 Warmest day, 12th, 1836, 52° 62' 50"
 " " 5th, 1835, 42° 61' 48"
 Average Cloudiness .56
 Rain and melted snow, 2.64
 Winds N 4, NW 14, NE 3, W 7, SW 4, SE 2, E 1.
 Copied from original records, by C. S. M. January 5, 1928.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
	☀	☀	☀	☀	☀	☀	7		2		9	
	☀	☀	☀	☀	☀	☀	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.12	29.47	26	31	11							
2	29.58	29.50	2	20	17							
3	29.55	29.47	13	29	30							
4	29.57	29.59	24	39	30							
5	29.44	29.42	28	42	37							
6	29.49	29.77	28	32	11							
7	29.85	29.71	0	20	9							
8	29.69	29.75	4	28	15							
9	29.77	29.65	8	37	24							
10	29.56	29.50	30	42	40							
11	29.62	29.47	37	41	25							
12	29.45	29.67	34	40	36							
13	29.66	29.25	30	34	35							
14	28.71	29.06	35	40	22							
15	29.35	29.67	12	16	10							
16	29.80	29.83	7	16	15							
17	29.47	29.10	18	32	31							
18	29.33	29.82	26	30	16							
19	30.12	30.25	5	29	14							
20	30.16	29.95	7	29	34							
21	29.36	29.60	42	47	15							
22	29.96	30.20	8	14	3							
23	30.13	29.75	3	16	16							
24	29.86	30.10	18	32	12							
25	30.06	29.86	22	30	31							
26	29.68	29.72	33	37	23							
27	29.85	30.05	3	6	-4							
28	30.00	29.85	-10	6	7							
29	29.59	29.50	12	24	17							
30	29.82	29.97	-6	-3	-10							
31	29.96	29.73	-6	-6	4							

1836
 Mean Pressure 29.682 Mean Temp of the month. 29.25°
 Greatest " 30.25 " " at sunrise 15.93°
 Least " 28.71 " " " 11 P.M. 26.23°
 Range of Barometer 1.54 " " " 9 1/2 P.M. 18.65°
 Highest temp. 47.8°
 Number of Observations 108
 Lowest " 198
 Range of Thermometer 578
 1835 1834
 12.91° 18.58°
 8.18° 14.8°
 19.38° 24.8°
 11.48° 17.5°
 44.8 40.8
 198 168
 688 568

From the above table it will be noticed that the temperature of the month has been much higher than that of the preceding December - corresponding nearly with that of 1834.
 The amount of water which has fallen during the month is remarkably great - nearly three times that of the preceding December.

DARTMOUTH COLLEGE, December 1836

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.	
	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀		☀
	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀	☀
1	.5	.2	0				NW	NW	NW							
2	0	.4	0				N	SW	SE							
3	0	.7	1.0				NW	SW	SW							
4	.9	0	.5				N	S	NE							
5	.2	.8	0				SW	SW	W							
6	.1	.6	0				SW	W	NW							
7	0	0	0				SW	S	SW							
8	0	0	0				SW	SW	S							
9	0	0	.2				SE	SW	SW							
10	.6	1.0	1.0				S	SE	SE							Rain from 11 a.m. through the day. .80.
11	.9	.5	0				NW	NW	NW							
12	.4	.6	.9				W	W	SW							
13	.6	1.0	1.0				NW	NE	SE							Snow and rain from 11 a.m. through
14	.4	1.0	1.0				SW	SW	NW							[day and evening; .80.
15	.8	0	0				NW	NW	NW							
16	0	0	.8				W	W	N							
17	1.0	1.0	1.0				SE	NW	NW							Snow from 2 a.m. until noon, 6 inches.
18	.5	.4	0				SW	NW	NW							Sleighting until the 21st.
19	0	0	.3				SW	S	W							
20	0	.6	1.0				SW	SW	S							
21	1.0	1.0	0				SE	S	NW							Rain from 2 a.m. until 1 P.M. when the
22	0	.2	0				W	NW	NW							wind changed suddenly from SW to N. and
23	.9	.9	1.0				SW	SE	S							blew thru afternoon and night rain 1.04
24	.4	.3	0				W	NW	NW							Light snow from 3 a.m. to 8 P.M. 2 in.
25	1.0	1.0	1.0				SE	SE	SE							Halo around the moon at 9 P.M.
26	1.0	1.0	1.0				SE	NE	NW							Snow from 7 A.M. to 9 P.M. Rain from
27	0	0	0				N	N	N							5 P.M. to 1 P.M. Snow from 1/2 in.
28	0	0	.3				NE	N	NE							Scarcely any snow, but tolerable
29	1.0	.9	1.0				NE	N	NW							sleighting on the ice, which completely
30	0	0	0				NW	NW	N							Covers the ground.
31	.9	.5	.9				N	N	NW							(29) Squall of snow at 7 1/2 P.M. 1 inch.

Coldest day 30th, 1836 -6°-3°-10°
 " " 16th, 1835 -15°-17°-15°
 " " 26th, 1834 -16°-2°-3°
 Warmest day 10th, 1836 30.8 42.8 40.8
 " " 26th, 1835 30.8 44.8 38.8
 " " 3rd, 1834 33.8 40.8 35.8
 Average Cloudiness 4.5
 Snow 11 inches Rain and melted snow 4.56
 Winds N10, NW27, NE8, W9, SW20, SE11

Copied from original records, by S. M. January 5, 1928.