

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.						HYGROMETER.					
				Sunrise 1:30 P.M. 9:30 P.M.			Mean.	Max.	Min.	7		2		9	
	7	2	9	F	F	F				D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1				25	33	23									
2				16	37	27									
3				17	38	26									
4				20	45	41									
5				48	45	39									
6				33	42	29									
7				22	38	35									
8				33	39	32									
9				22	45	44									
10				45	55	36									
11				35	45	41									
12				36	35	31									
13				30	38	38									
14				36	44	32									
15				13	21	15									
16				17	25	17									
17				9	29	29									
18				33	38	36									
19				35	40	34									
20				33	41	34									
21				38	34	33									
22				31	36	34									
23				34	42	34									
24				33	37	28									
25				25	27	25									
26				25	25	23									
27				23	28	20									
28				25	40	31									
29				32	36	33									
30				31	41	34									
31															

Mean 28.5 37.3 30.1 = 32 Mean Temp. of the whole month.

31.1 32.3
g.m. p.m.

DARTMOUTH COLLEGE,

November 1834

18

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	
1	Fair	Fair	Fair	n	n	n			
2	Clear	Clear	Clear	0	0	0			Very fine
3	Clear	Clear	Clear	0	SW	0			Cloudless - amora. alt. of arch. 11' 36"
4	Fair	Cloudy	Hazy	0	S	S			Very fine
5	Cloudy	Cloudy	Fair	nw	n	nw			
6	Fair	Clear	Fair	nw	nw	0			
7	Cloudy	Cloudy	Cloudy	0	n	0			
8	Cloudy	Cloudy	Fair	0	n	n			
9	Clear	Fair	Cloudy	nw	nw	sw			
10	Cloudy	Fair	Fair	S	S	S			Snow of Oct. 26 gone on the north side of the houses.
11	Cloudy	Cloudy	Fair	SW	SW	nw			Very pleasant.
12	Cloudy	Snow	Cloudy	nw	NE	nw			Snowed in the night
13	Fair	Fair	Cloudy	nw	SW	SW			Snow 7 hours 2 inches
14	Cloudy	Rain. Cloudy	Cloudy	S	S	nw			Very fine
15	Fair	Fair	Fair	nw	nw	nw			Snow gone. Rain 3 or 4 hours.
16	Fair	Fair	Fair	nw	nw	nw			Barometer rose 1/2 inch. Halo round the moon 45-0
17	Fair	Hazy	Cloudy	nw	nw	NE			Sleeted 10 hours. 1 inch deep.
18	Rainy	Cloudy	Rainy	NE	NE	NE			Rained 2 hours - 12 hours
19	Cloudy	Cloudy	Cloudy	NE	n	NE			
20	Cloudy	Cloudy	Cloudy	n	n	n			Snow in the night
21	Cloudy	Cloudy	Cloudy	n	NE	NE			
22	Cloudy	Cloudy	Snowy	SE	SE	SE			Snow 1 inch
23	Cloudy	Cloudy	Cloudy	SE	nw	nw			Snow squally
24	Cloudy	Cloudy	Cloudy	SW	SW	NE			Snow squally
25	Cloudy	Cloudy	Cloudy	nw	nw	nw			Snow
26	Cloudy	Cloudy	Cloudy	nw	nw	nw			Barometer rose 3/4
27	Cloudy	Fair	Fair	nw	nw	nw			
28	Cloudy	Fair	Cloudy	nw	nw	SW			Sleet
29	Cloudy	Rainy	Cloudy	SW	SE	SE			Squally - during the Eclipse
30	Cloudy	Cloudy	Fair	SW	W	nw			
31									

Copied from "Meteorological Registers" by H. S. Moore Nov. 28, 1927
Note by H. S. M.

The records for November 20 to 27, 1834 printed in the Vt. chronicle are the figures for the following day. The record for the 28th gives the figures for the 20th.

Coldest day 15th
13 21 16
Warmest day 10th
45 55 36

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
				Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
	Sunrise		9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.						
1	29.35		29.23	29	39	32						
2	29.12		29.	33	40	35						
3	29.		29.26	33	32	25						
4	29.47		29.62	17	26	22						
5	29.58		29.55	21	38	25						
6	29.08		28.97	30	39	34						
7	29.27		29.64	31	35	28						
8	29.10		29.10	31	40	27						
9	29.44		29.51	15	22	11						
10	29.63		29.45	6	23	18						
11	29.30		29.28	21	31	31						
12	29.32		29.22	19	29	23						
13	28.90		28.75	24	35	30						
14	28.90		29.17	10	-3	-9						
15	29.22		29.04	-13	1	7						
16	28.94		29.44	16	21	1						
17	29.61		29.67	-10	8	3						
18	29.64		29.67	8	16	17						
19	29.72		29.70	21	29	27						
20	29.47		29.32	25	35	29						
21	29.60		29.60	5	14	-1						
22	29.52		29.48	-1	18	17						
23	29.51		29.54	18	29	16						
24	29.62		29.32	14	21	19						
25	29.25		29.52	20	15	-2						
26	29.51		29.35	-16	2	3						
27	29.28		29.45	4	14	11						
28	29.52		29.62	12	25	6						
29	29.61		29.47	10	24	19						
30	29.23		28.99	18	23	18						
31	29.06		29.17	4	24	18						

Mean Pressure 29.352
 Greatest " 29.72
 Least " 28.75
 Range of Barometer .97

Mean 14.3 24 17.4 = 18.6 Mean Temp. of the month.

Range of Thermometer 56

Note by H. S. M.

In the N. Chronicle, the Barometer records for Dec. 1 to 31 inclusive are ten figures ahead. A change in the clouds, the 8th.

unbroken higher

DARTMOUTH COLLEGE,

December 1834

#9

DATE.	Sunrise		CLOUDS.		7:30 P.M.		Sunrise		WIND.		1:30 P.M.		9:30 P.M.		PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Dir.	Am't.	Dir.	Am't.	Dir.	Am't.	Snow.	Rain.	
1	Cloudy		Cloudy		Cloudy		W		SW		SW		SW				
2	Cloudy		Cloudy		Cloudy		SW		SW		SW		SW				
3	Cloudy		Cloudy		Cloudy		W		NW		NW		NW				
4	Fair		Fair		Fair		NW		NW		NW		NW				Sleet in the night. Very fine. Aurora Bor.
5	Fair		Fair		Cloudy		NW		NW		SW		SW				
6	Snowy		Rain		Cloudy		SW		SW		SW		SW				Snow 3 in. rain. Bar. at 28.62 at 3.30
7	Cloudy		Cloudy		Cloudy		W		SE		NW		NW				
8	Snowy		Cloudy		Cloudy		SE		NE		SE		SE				Snow 4 inches
9	Cloudy		Fair		Fair		NW		NW		NW		NW				Sleighing commenced
10	Cloudy		Cloudy		Fair		NW		NW		NW		NW				
11	Cloudy		Cloudy		Cloudy		NW		NW		NW		NW				
12	Cloudy		Cloudy		Cloudy		NW		NW		NW		NW				
13	Cloudy		Cloudy		Cloudy		NW		S		SW		SW				Light snow all day
14	Cloudy		Fair		Fair		NW		NW		NW		NW				High wind. Thermom drop 5° in 1 hr.
15	Cloudy		Fair		Cloudy		NW		NW		NW		NW				
16	Cloudy		Cloudy		Fair		SW		SW		NW		NW				Light snow in the morn
17	Fair		Cloudy		Cloudy		NW		NW		SW		SW				
18	Cloudy		Cloudy		Cloudy		SW		NW		NW		NW				
19	Cloudy		Cloudy		Cloudy		NW		NW		NW		NW				
20	Cloudy		Cloudy		Cloudy		SE		SE		NW		NW				
21	Fair		Fair		Fair		NW		NW		NW		NW				Aur. Bor. alt. of arch 9°
22	Cloudy		Cloudy		Cloudy		N		N		N		N				
23	Cloudy		Cloudy		Cloudy		N		N		N		N				
24	Cloudy		Cloudy		Cloudy		N		N		SW		SW				Snow 3 inches
25	Cloudy		Fair		Fair		SW		NW		NW		NW				Aurora—faint
26	Fair		Fair		Cloudy		SW		NW		NW		NW				Aurora
27	Cloudy		Fair		Cloudy		N		NW		NW		NW				
28	Fair		Fair		Fair		NW		NW		NW		NW				
29	Cloudy		Cloudy		Cloudy		NE		NE		NE		NE				Light snow all day
30	Cloudy		Cloudy		Cloudy		NE		NE		NE		NE				Snow 10 inches
31	Fair		Fair		Cloudy		NW		NW		NW		NW				

Copied from original records by J. S. M. November 28, 1927
 Coldest day 26th - 16 2 3
 Warmest day 3rd 83 40 35
 Fair days 3
 Cloudy days 17
 Variable 11

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
				7	2	9	7		2		9	
				Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
	Sunrise	#	9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.						
1	29.43		29.37	-1	8	6						
2	29.23		29.45	8	19	4						
3	29.52		29.76	-9	0	-15						
4	29.76		29.68	-32	-7	-20						
5	29.64		29.62	-26	7	5						
6	29.72		29.72	-6	3	-7						
7	29.71		29.67	-16	2	-10						
8	29.67		29.67	-23	3	-4						
9	29.68		29.76	-12	10	-6						
10	29.71		29.75	-12	13	-1						
11	29.71		29.62	-12	16	1						
12	29.58		29.42	-8	21	6						
13	29.33		29.31	6	31	24						
14	29.25		29.10	26	38	34						
15	29.27		29.20	33	44	39						
16	28.83		29.04	34	41	35						
17	29.17		29.38	34	38	32						
18	29.41		29.47	24	26	13						
19	29.49		29.36	4	25	17						
20	29.22		29.34	22	29	31						
21	29.35		29.	16	32	28						
22	28.68		28.99	35	37	32						
23	29.		29.31	29	35	28						
24	29.47		29.78	20	23	9						
25	29.70		29.28	8	25	27						
26	29.05		29.	31	47	34						
27	29.05		29.24	32	42	26						
28	29.15		29.20	32	38	35						
29	29.54		29.70	27	33	19						
30	29.56		29.05	23	32	34						
31	28.56		28.72	44	44	32						

Mean Pressure 29.377 Mean 10 $\frac{1}{3}$ 24 $\frac{1}{3}$ 18 $\frac{1}{3}$ = 17 $\frac{1}{3}$ Mean Temp of the month.

Greatest " 29.78 Range of Thermometer 79

Least " 28.56

Range of Barometer 1.22

Mean Temp. of the first 12 days

Sunrise - 12 $\frac{5}{12}$ 1:30 P.M. 7 $\frac{1}{2}$ 9:30 P.M. - 3 $\frac{5}{12}$ = -2 $\frac{3}{4}$

Mean Temp. of the other 19.

Sunrise 25 $\frac{2}{3}$ 1:30 P.M. 35 9:30 P.M. 27 $\frac{16}{19}$ = 29 $\frac{13}{19}$

Mean Temp. of the cold week beginning Saturday 3rd.

Sunrise - 17 $\frac{5}{7}$ 1:30 P.M. 1 $\frac{5}{7}$ 9:30 P.M. - 8 $\frac{1}{7}$ = -8

Mean Temp. of the cold week beginning Sunday 4th.

Sunrise - 18 $\frac{1}{7}$ 1:30 P.M. - 3 $\frac{5}{7}$ 9:30 P.M. - 6 $\frac{1}{7}$ = -7 $\frac{1}{7}$

DARTMOUTH COLLEGE,

January 1835

#

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Sunrise	1:30 P.M.	9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.	Snow.	Rain.	
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.			
1	Fair		Fair		Cloudy				
2	Cloudy		Fair		Cloudy				
3	Fair		Fair		Fair				Snow 2 in. Sun 1 $\frac{1}{2}$ 57
4	Fair		Fair		Fair				Sun 1 $\frac{1}{2}$ 28
5	Fair		Fair		Cloudy				Sun 1 $\frac{1}{2}$ 42
6	Fair		Fair		Fair				Sun 1 $\frac{1}{2}$ 41
7	Fair		Fair		Fair				Sun 1 $\frac{1}{2}$ 28 R. 9 $\frac{1}{2}$ 18
8	Fair		Fair		Fair				Sun 1 $\frac{1}{2}$ 51 R. S.T. - 20
9	Fair		Fair		Fair				R. S.T. - 33
10	Fair		Fair		Fair				R. 9 $\frac{1}{2}$ - 13 Sun 1 $\frac{1}{2}$ 62
11	Fair		Fair		Fair				Sun 1 $\frac{1}{2}$ 62
12	Fair		Fair		Fair				Sun 1 $\frac{1}{2}$ 63 9 $\frac{1}{2}$ - 4
13	Fair		Fair		Fair				R. S.T. - 12 Halo 45° in
14	Cloudy		Cloudy		Cloudy				Rain from 1 P.M. 10 hours.
15	Cloudy		Cloudy		Cloudy				High Wind. Rain
16	Cloudy		Cloudy		Cloudy				Snow in the night. 5 in. Rain High Winds.
17	Cloudy		Cloudy		Cloudy				
18	Cloudy		Fair		Fair				Sun. 1 $\frac{1}{2}$ 54 R. 9 $\frac{1}{2}$ 1 Aurora
19	Fair		Fair		Cloudy				R. S.T. 0
20	Cloudy		Cloudy		Cloudy				
21	Fair		Cloudy		Cloudy				Snow from 2 P.M. 6 in. Rain
22	Fair		Cloudy		Cloudy				Windy
23	Cloudy		Cloudy		Cloudy				High Wind - Aurora
24	Fair		Fair		Fair				Sun 71 1 $\frac{1}{2}$ R. 3
25	Cloudy		Cloudy		Cloudy				Snow from 1 P.M. 3 in. Rain
26	Foggy		Fair		Foggy				
27	Foggy		Fair		Fair				Snow 2 in. Rain
28	Cloudy		Fair		Cloudy				Rain in the morning
29	Fair		Fair		Fair				Aur. Bor. very Brill. Alt. 17°
30	Cloudy		Cloudy		Cloudy				Snow & sleet 7 in. Heavy Rain
31	Cloudy		Fair		Fair				Rain until sunrise

Copied from original records by G. S. M. November 29, 1927

Coldest day 4th - 32 - 7 - 20

Warmest day 31st 44 44 32

Fair days 11

Cloudy days 8

Variable 12

Note by G. S. M.

The Barometer records for Jan. 9, and clouds for Jan. 12, 13, and 31 are incorrect as printed in the Vt. Chronicle.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
				Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
	Sunrise	#	9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.						
1	28.86		28.94	19	24	13						
2	29.13		29.45	8	11	1						
3	29.56		29.33	-12	5	-7						
4	29.47		29.34	-20	1	-11						
5	29.26		29.27	-19	16	1						
6	29.28		29.24	-2	28	18						
7	28.98		29.00	18	31	6						
8	28.89		29.18	-4	5	-2						
9	29.36		29.47	-13	16	2						
10	29.52		29.46	-8	17	-2						
11	29.30		29.24	-12	18	12						
12	29.14		29.20	8	23	6						
13	29.11		29.02	9	36	28						
14	29.37		29.85	16	20	0						
15	29.90		29.19	-3	17	12						
16	29.73		29.68	12	28	22						
17	29.46		29.30	22	34	29						
18	29.16		29.20	31	36	31						
19	29.20		29.40	29	46	32						
20	29.65		29.30	24	30	27						
21	29.48		29.30	24	42	33						
22	29.20		29.04	34	45	45						
23	29.54		29.70	28	33	20						
24	29.77		29.71	6	31	19						
25	29.50		29.24	25	36	27						
26	29.23		29.40	16	20	13						
27	29.40		29.16	9	18	7						
28	29.14		29.30	-6	16	8						
29												
30												
31												

Mean Pressure 29.334
 Greatest " 29.93
 Least " 28.86
 Range of Barometer 1.07

Mean 10.8 24.3 14.3 = 16.2 Mean Temp for the month.
 Range of Thermometer 66°

DARTMOUTH COLLEGE,

February 1835

19

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Snow.	Rain.	
	Sunrise	1:30 P.M.	9:30 P.M.	Dir.	Dir.	Dir.			
1	Cloudy	Fair	Fair	NW	NW	NW			
2	Cloudy	Fair	Fair	NW	NW	NW			Sun. 71-1 1/2 81
3	Fair	Fair	Fair	NW	NW	NW			Sun 25 Aurora
4	Fair	Fair	Fair	NW	NW	NW			Aurora (faint)
5	Fair	Fair	Fair	SW	SW	SW			R.S.T. - 26
6	Fair	Cloudy	Cloudy	SW	SW	SW			R.S.T. - 23
7	Cloudy	Cloudy	Fair	SW	W	W			Snow in the night.
8	Cloudy	Cloudy	Fair	SW	NW	NW			Snow until 8 A.M. 4 in.
9	Fair	Fair	Fair	SW	W	W			Windy
10	Fair	Fair	Fair	W	W	NW			Halo of prismatic col.
11	Fair	Cloudy	Fair	NW	NW	W			Halo 45°
12	Fair	Cloudy	Fair	N	W	W			Halo 45° prism
13	Cloudy	Cloudy	Cloudy	SW	S	S			Light snow in the night.
14	Cloudy	Cloudy	Fair	NW	NW	NW			Light snow in the evening.
15	Cloudy	Cloudy	Cloudy	SW	S	SE			Light snow all day. 3 in.
16	Cloudy	Cloudy	Cloudy	N	SE	SE			Mist and rain all day.
17	Cloudy	Cloudy	Cloudy	SW	SW	NE			Snow in the morning.
18	Cloudy	Cloudy	Cloudy	SW	W	NW			Snow
19	Cloudy	Cloudy	Cloudy	SW	SW	SW			
20	Cloudy	Fair	Fair	NW	NW	SW			Snow and rain in the night.
21	Cloudy	Cloudy	Fair	SW	SW	SW			Rain all day.
22	Cloudy	Cloudy	Cloudy	SW	SW	W			
23	Cloudy	Cloudy	Fair	W	NW	NW			
24	Fair	Fair	Fair	NW	NW	NW			Sun 1 1/2 P.M. 8 1/2
25	Cloudy	Cloudy	Fair	SW	S	W			Windy - Aurora faint
26	Fair	Cloudy	Fair	NW	NW	NW			Windy
27	Cloudy	Cloudy	Hazy	W	NW	NW			Luminous cloud in NW.
28	Fair	Fair	Hazy	SW	SW	SW			
29									
30									
31									

Coldest day 4th -20 1 -11
 Warmest day 22 34 45 45
 Fair days 7
 Cloudy days 9
 Variable 12

Copied from original records by G.S.M. November 29, 1927.

Note by G.S.M.
 In the N. Chronicle, the Barometer
 records for Feb. 3, 15, 16, and 20 are incorrect,
 also the clouds for the 21st.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
				Mean.	Max.	Min.	7	2	9	7	2	9
	Sunrise	#	9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.47		29.60	-5	22	1						
2	29.60		29.57	-11	22	17						
3	29.57		29.65	10	12	3						
4	29.77		29.86	3	21	6						
5	29.84		29.75	-7	29	11						
6	29.70		29.64	-1	35	17						
7	29.63		29.51	6	40	32						
8	29.34		29.46	31	42	32						
9	29.51		29.45	30	35	26						
10	29.35		29.12	26	38	31						
11	29.27		29.42	28	40	25						
12	29.50		29.26	13	48	34						
13	28.92		29.12	34	41	36						
14	29.24		29.22	29	41	30						
15	29.12		29.09	32	51	35						
16	28.92		28.92	38	56	40						
17	28.80		29.44	35	27	12						
18	29.62		29.50	7	27	23						
19	29.15		28.97	23	31	26						
20	29.26		29.26	31	43	35						
21	29.11		29.35	30	48	25						
22	29.21		28.68	22	27	22						
23	28.63		29.37	15	25	13						
24	29.57		29.47	4	39	28						
25	29.86		29.95	0	35	25						
26	29.85		29.54	17	45	35						
27	29.34		29.22	35	46	39						
28	29.18		29.17	35	48	38						
29	29.20		29.28	34	52	32						
30	29.18		29.08	31	39	37						
31	29.00		29.16	35	46	31						

Mean Pressure 29.351 Mean 19.6 37.1 25.9 = 27.5 Mean Temp. of the month.
 Greatest " 30.01 Range of Thermometer 67
 Least " 28.63
 Range of Barometer 1.38

DARTMOUTH COLLEGE,

March 1835

19

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Sunrise	1:30 P.M.	9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.	Snow.	Rain.	
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.			
1	Fair	Fair	Fair	NW	NW	NW			
2	Fair	Fair	Hazy	NW	SW	SW			
3	Cloudy	Fair	Fair	SW	NW	NW			Windy
4	Fair	Fair	Fair	NE	NW	NW			
5	Fair	Fair	Fair	NW	SW	SW			
6	Fair	Fair	Fair	SW	SW	SW			
7	Fair	Cloudy	Cloudy	N	S	SE	.06		Snow in the evening. 1 in.
8	Cloudy	Cloudy	Cloudy	NE	SE	SE			Windy
9	Cloudy	Cloudy	Cloudy	SE	SE	S			Light snow in the afternoon.
10	Cloudy	Cloudy	Cloudy	SE	SE	SW			Light snow in the evening.
11	Fair	Fair	Fair	NW	NW	NW			Windy.
12	Fair	Fair	Cloudy	NW	S	S			
13	Cloudy	Cloudy	Fair	S	SW	NW	.01		Snow in the morning. Very windy.
14	Fair	Fair	Cloudy	NW	SW	SW			
15	Fair	Fair	Cloudy	SW	NW	SW	.03		Rain in the morning.
16	Cloudy	Cloudy	Fair	SW	SW	SW	.01		A shower at 6 P.M.
17	Cloudy	Fair	Fair	S	NW	NW			Snow. th. at 10 A.M. + S. Fell 30° by 6 P.M.
18	Fair	Fair	Cloudy	NW	SW	S			Very windy
19	Cloudy	Cloudy	Cloudy	SE	NE	NW	.49		Snow until 3 P.M. 4 in.
20	Cloudy	Cloudy	Cloudy	NW	S	S			Snow in the evening
21	Fair	Fair	Fair	W	SW	SW			Windy
22	Cloudy	Cloudy	Cloudy	NE	NE	NE			Snow all day
23	Cloudy	Cloudy	Cloudy	N	NW	NW	1.43		Snow until 7 A.M. 12 in. Windy
24	Fair	Cloudy	Cloudy	SW	SW	W			Windy in the night.
25	Fair	Fair	Cloudy	NW	W	SW			Bar. 30.01 at 1 P.M.
26	Cloudy	Cloudy	Cloudy	SW	SW	SW			
27	Cloudy	Cloudy	Cloudy	SW	S	S	.18		Rain fr. 1 P.M. to 8. Foggy.
28	Cloudy	Cloudy	Cloudy	NW	S	S			Sleighting gone.
29	Cloudy	Cloudy	Cloudy	NE	SE	SE			Windy (very)
30	Cloudy	Cloudy	Cloudy	NE	N	N	.03		Snow in the morning
31	Cloudy	Cloudy	Fair	N	SW	W			

Coldest day 1st - 5 - 22 - 1
 Warmest day 16th 38 56 40
 Rain and Snow (in water) 2.24
 Fair days 7
 Cloudy days 12
 Variable 12
 Wind N.5-N.E.7-SE.10 S.13. SW 2.8 W.3 NW.24

Copied from original records by S. S. M. November 30, 1927.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.						HYGROMETER.					
							7	2		9					
	<i>Sunrise</i>	<i>2</i>	<i>9:30 P.M.</i>	<i>Sunrise</i>	<i>2</i>	<i>9:30 P.M.</i>	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.16		29.23	30	52	35									
2	29.23		29.17	27	48	38									
3	29.17		29.34	38	53	39									
4	29.25		29.37	33	48	35									
5	29.36		28.96	32	40	36									
6	28.95		28.84	36	40	35									
7	28.80		28.95	33	44	37									
8	29.00		29.07	36	48	35									
9	29.07		29.26	30	63	38									
10	29.42		29.50	30	56	37									
11	29.60		29.61	30	58	43									
12	29.61		29.42	30	63	47									
13	29.36		29.07	43	45	33									
14	29.04		29.18	32	35	24									
15	29.30		29.26	22	40	33									
16	29.17		28.92	30	45	33									
17	29.00		29.26	27	29	21									
18	29.46		29.60	16	35	25									
19	29.01		29.12	21	42	39									
20	28.99		28.93	45	61	40									
21	29.18		29.27	35	46	41									
22	29.17		29.15	36	52	39									
23	29.26		29.36	34	48	34									
24	29.35		29.51	32	42	29									
25	29.57		29.38	29	39	34									
26	29.38		29.41	33	51	33									
27	29.46		29.46	26	57	46									
28	29.20		28.94	41	38	36									
29	29.17		29.36	34	52	39									
30	29.41		29.42	31	55	40									
31															

Mean Pressure 29.254
 Greatest " 29.77
 Least " 28.80
 Range of Barometer .97

Mean 31.6 47.5 33.8 = 37.6 Mean Temp of the month.
 Range of Thermometer 50°
 Note by U. S. M.
 The Barometer records for April 6th are incorrect as printed in the Vt. Chronicle.

DARTMOUTH COLLEGE,

April 1835

19

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
	7	8	9	10	11	12			
1	Fair	Fair	Fair	NW	NW	NW			Pewee's came.
2	Cloudy	Cloudy	Cloudy	N	N	SW			
3	Cloudy	Cloudy	Cloudy	SW	S	S			Windy
4	Cloudy	Cloudy	Cloudy	SE	SE	SW			Rain and snow until 1 P.M. 1 in.
5	Cloudy	Cloudy	Cloudy	E	E	E			Rain and sleet in showers, with thunders lightning.
6	Cloudy	Cloudy	Cloudy	E	E	SE			Rain
7	Cloudy	Cloudy	Cloudy	SE	SE	SW			Snow and Rain
8	Cloudy	Fair	Fair	SW	SW	SW			Snow gone from the plain.
9	Fair	Fair	Fair	SW	W	NW			
10	Fair	Fair	Fair	W	W	W			
11	Fair	Fair	Fair	SW	SW	E			
12	Fair	Fair	Cloudy	SW	SW	S			
13	Cloudy	Cloudy	Cloudy	SW	SW	SW			Rain all day
14	Cloudy	Cloudy	Cloudy	NW	NW	NW			Squall of snow. 9 P.M.
15	Fair	Fair	Hazy	NW	N	N			Aurora alt 16° Arch 105°
16	Cloudy	Cloudy	Cloudy	SW	SW	SW			Rain and sleet.
17	Cloudy	Cloudy	Cloudy	NW	NW	NW			Squalls. Windy.
18	Fair	Fair	Fair	NW	NW	NW			Winds
19	Cloudy	Cloudy	Cloudy	N	SW	SW			Rain
20	Cloudy	Cloudy	Cloudy	SW	SW	SW			Thunder shower at 4 P.M.
21	Fair	Fair	Cloudy	NW	W	SW			Windy. Shower in the evening.
22	Fair	Cloudy	Cloudy	SW	E	E			Rain in the evening.
23	Cloudy	Fair	Cloudy	NW	NW	NW			Shower at 6 P.M. with sleet. Wind.
24	Fair	Fair	Fair	NW	NW	NW			Winds. Snow gone in shade.
25	Cloudy	Cloudy	Cloudy	N	NE	SE			Winds. Light snow.
26	Cloudy	Cloudy	Fair	SW	NE	W			
27	Foggy	Fair	Cloudy	SW	SW	SE			Rain all day.
28	Cloudy	Cloudy	Cloudy	SE	E	NE			
29	Fair	Fair	Fair	N	N	N			
30	Fair	Fair	Fair	NW	NW	NW			
31									

Coldest day 18th 16 35 25
 Warmest day 10th 45 61 40
 Rain 2.96

Fair days 9
 Cloudy days 14
 Variable 7

Winds N. 3. NE. 3. E. 7. SE. 3. S. 3. SW. 28. W. 6. NW 25

Copied from original records by J. S. M. December 1, 1927.

METEOROLOGICAL OBSERVATIONS.

[illegible]

Mean Pressure 29.340
Greatest " 29.83
Least " 28.92
Range of Barometer .81

Mean $40.7 \quad 62.2 \quad 48.2 = 50.3$ mean temp. of the month.
Range of thermometer 50°

May 1835

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	7		8		9		Sunrise		1:30 P.M.		9:30 P.M.		Snow.	Rain.	
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.			
1	Fair		Fair		Cloudy		NW		N		NW				
2	Fair		Fair		Cloudy		NW		NW		NW				
3	Fair		Fair		Cloudy		NW		NW		SE			Windy	
4	Cloudy		Cloudy		Cloudy		SE		SE		SE		.69	Rain from 10 A.M.	
5	Cloudy		Cloudy		Cloudy		SE		SE		SE		.26	Rain	
6	Cloudy		Cloudy		Fair		SE		NW		W		.15	Rain in the morning	
7	Fair		Fair		Cloudy		W		W		NE			Windy	
8	Cloudy		Cloudy		Hazy		NE		S		NW		.04	Rain until 10 A.M. Halo	
9	Fair		Fair		Hazy		NW		NW		NE				
10	Fair		Fair		Cloudy		N		NW		N				
11	Fair		Fair		Cloudy		NE		SW		S				
12	Fair		Fair		Fair		SW		NW		NW			Windy	
13	Fair		Fair		Hazy		NW		NW		N			Windy	
14	Cloudy		Cloudy		Cloudy		SE		E		NE		.65	Rain all day	
15	Cloudy		Cloudy		Cloudy		NE		NE		NE		.42	Rain all day. Snow on the hills.	
16	Cloudy		Cloudy		Cloudy		SW		SW		SW		.16	Rain	
17	Cloudy		Cloudy		Fair		SW		NW		NW		.42	Rain in the morning	
18	Fair		Fair		Fair		NW		NW		NW			Windy	
19	Fair		Fair		Cloudy		NW		SW		SW			81 at 2 1/2 P.M.	
20	Cloudy		Fair		Fair		W		NW		NW		.02	Rainy morning. 75° at 10	
21	Cloudy		Fair		Fair		N		N		N			Frost	
22	Fair		Fair		Fair		N		N		NE			Frost	
23	Fair		Fair		Fair		N		N		N				
24	Fair		Fair		Fair		SW		SW		SW				
25	Fair		Fair		Fair		SW		NW		N			Lightening in the night.	
26	Fair		Fair		Fair		NW		NW		NW				
27	Fair		Fair		Fair		NW		NW		NW				
28	Fair		Cloudy		Cloudy		SE		SE		SE		.06	Windy	
29	Cloudy		Fair		Fair		SE		SW		NW		.44	Shower at 10 A.M. Thunder	
30	Fair		Fair		Fair		NW		NW		NE				
31	Fair		Fair		Cloudy		W		SW		SE				

Copied from original records by G. J. M. December 1, 1922.

Fair	Fair	Cloudy
Coldest day 9 th 26	52	41
Warmest day 26 th 64	75	53
Rain	3.31	
Fair days	11	
Cloudy days	6	
Variable	14	
Wind N. 13. - NE. 10. - E. 1. - SE 14. - S. 2. - SW 14. - W. 4. - NW 34.		

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.
	Barometer	Thermometer	Mean	Max.	Min.							
1	29.15	29.33	61	72	55							
2	.34	.34	53	75	63							
3	.54	.57	51	74	65							
4	.52	.22	59	79	73							
5	.12	.20	69	75	64							
6	.33	.57	55	67	59							
7	.75	.80	52	66	56							
8	.81	.64	49	69	63							
9	.63	.40	51	78	70							
10	.37	.61	61	69	59							
11	.61	.45	54	70	68							
12	.42	.42	66	78	69							
13	.40	.30	66	77	72							
14	.28	.46	67	67	56							
15	.50	.47	48	63	58							
16	.44	.14	47	68	64							
17	.12	.32	56	63	54							
18	.32	.22	45	72	60							
19	.52	28.88	50	68	61							
20	28.81	29.18	55	54	45							
21	29.20	.29	45	61	52							
22	.29	.22	46	61	46							
23	.25	.35	40	63	52							
24	.35	.34	49	77	62							
25	.34	.34	52	83	66							
26	.33	.28	56	73	68							
27	.28	.24	63	66	64							
28	.21	.04	60	71	66							
29	.01	.05	61	75	58							
30	.06	.22	52	63	50							
31												

Mean Pressure 29.332
 Greatest " 29.81
 Least " 28.81
 Range of Barometer 1.00

Mean 54.6 69.7 60.3 = 61.5 Mean Temp of the month.
 Range of Thermometer 43.

Note by L. S. M.

In the N. Chronicle, the Barometer records for June 12, 21, 23, and 24, and Temperature for 13 and 22 are incorrect.

DARTMOUTH COLLEGE,

June 1835

19

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Am.	Kind.	Am.	Kind.	Am.	Snow.	Rain.	
1	Cloudy		Cloudy		W	NW			
2	Fair		Fair		W	W			.10 Shower in the morning.
3	Fair		Fair		SE	SE			
4	Fair		Cloudy		SW	SW			
5	Cloudy		Fair		SW	NW			.50 Showers in the night.
6	Fog		Fair		NW	NW			
7	Fair		Fair		N	N			
8	Fair		Fair		N	N			
9	Fair		Fair		NW	SW			
10	Cloudy		Cloudy		SE	SE			.08 Rain in the morning
11	Cloudy		Fair		SE	SW			
12	Cloudy		Cloudy		SW	SW			1.55 Rain from 1 P.M. until 5.
13	Cloudy		Cloudy		SW	SW			.02 Shower in the morning.
14	Cloudy		Cloudy		W	NW			
15	Fog		Fair		NW	NW			Strawberries first ripe
16	Fog		Cloudy		NW	SW			Exp. th. 38°
17	Cloudy		Fair		NW	NW			.02 Rain in the morn. Wind.
18	Fog		Fair		NW	NW			Exp. th. 35°
19	Cloudy		Cloudy		SW	NE			1.88 Thunder shower in the evening.
20	Cloudy		Cloudy		NW	NW			Wind in squalls.
21	Cloudy		Cloudy		NW	NW			Exp. th. 35° Windy
22	Cloudy		Cloudy		NW	NW			.05 Exp. th. 33° Shower
23	Fog		Cloudy		NW	NW			Exp. th. 34°
24	Fog		Fair		NW	SW			Exp. th. 38°
25	Fog		Fair		SW	SW			Exp. th. 45°
26	Fog		Fair		SW	SW			Exp. th. 47°
27	Cloudy		Cloudy		SE	SE			
28	Cloudy		Cloudy		SW	SW			26 Rain in the morning
29	Fog		Fair		SW	SW			37 Rain in the night Windy
30	Cloudy		Cloudy		SW	W			.02 Rain
31									

Coldest day 20th 55 54 45

Warmest day 12th 66 78 69

Rain 4.90

Fair days 12

Cloudy days 10

Variable 8

Winds. N.E. 2 - NW 34 - SW 33 - SE 9 - W 7

Copied from original records by L. S. M. December 1, 1927.

[illegible]

Mean Pressure 29.375
Least " 29.00
Greatest " 29.57
Range of Barometer . 57

Mean 60. 74.3 68.9 = 67.7 M.T. of the month.
 Range of Thermometer 38°
 " " " exposed, 80°

July 1853

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	7		8		9		7		8		9		Snow.	Rain.	
	Kind.	Amnt.	Kind.	Amnt.	Kind.	Amnt.	Dirac.	Amnt.	Dirac.	Amnt.	Dirac.	Amnt.			
1	Cloudy		Fair		Fair		Sunrise		1:30 P.M.		9:30 P.M.				
2	Foggy		Fair		Cloudy		NW		NW		NW				Exp. Therm. 38°. Rain in the morn. .08
3	Cloudy		Fair		Fair		SW		SW		SW				Exp. Therm. 36°.
4	Fair		Fair		Fair		SW		SW		SW				
5	Cloudy		Fair		Fair		SW		W		W				Rain in the morning. .20
6	Foggy		Fair		Fair		NW		W		SW				
7	Foggy		Fair		Fair		SW		SW		SW				
8	Cloudy		Cloudy		Cloudy		SW		NW		NW				
9	Foggy		Fair		Cloudy		NW		SW		SW				
10	Cloudy		Cloudy		Fair		NW		NE		NW				Rain in the morning. .53.
11	Foggy		Fair		Fair		NW		SW		SW				Dew. .01
12	Foggy		Cloudy		Cloudy		SW		SW		SW				Dew. .01. Exp. Therm. 43°. Night showers.
13	Cloudy		Fair		Cloudy		SW		SW		SW				Thunder shower at 6 P.M. .19.
14	Cloudy		Fair		Cloudy		SW		S		S				Thunder shower at 9 P.M. .12.
15	Cloudy		Cloudy		Cloudy		SE		SE		SE				Rain in the afternoon. .24.
16	Cloudy		Fair		Fair		NW		NW		NW				
17	Foggy		Fair		Fair		NW		NW		NW				Thermometer in the sun, 116°.
18	Foggy		Fair		Fair		SW		SW		SW				Exp. Therm. 48°.
19	Foggy		Fair		Fair		SW		SW		SW				Lightning in NW 10 P.M. Rain. .05.
20	Cloudy		Cloudy		Cloudy		SW		SW		NW				Thunder showers. .14.
21	Foggy		Fair		Fair		SW		SW		NW				Shower at sunrise. .06. Thunder showers
22	Foggy		Fair		Fair		W		W		SW				
23	Foggy		Fair		Fair		SW		SW		SW				
24	Foggy		Fair		Fair		SW		SW		SW				
25	Cloudy		Cloudy		Cloudy		SW		SW		SW				Thun. showers in afternoon. .29.
26	Cloudy		Fair		Fair		NW		NW		NW				Thun. showers in morn. .16.
27	Foggy		Fair		Fair		NW		NW		NW				Dew. .01.
28	Foggy		Cloudy		Cloudy		NW		NW		SW				Rain. .08.
29	Cloudy		Cloudy		Cloudy		S		S		S				
30	Foggy		Fair		Fair		SW		SW		SW				
31	Cloudy		Cloudy		Fair		SW		SW		SW				Rain in morn. Thun. shower at 2 P.M. [from the NW. .82.

Vermont Chronicle

15. 1932

Coldest day, 1st, 48 64 50

Warmest " 7th, 68 83 71

*Fair days 13

Cloudy " 7

Variable " 11

Rain 2.97 inches

Winds N1; NE1; SE3; S5; SW50; W5; NW28.

*Fogs, which prevail at this season are not regarded as affecting the character of the day; it is considered as fair or cloudy according to the aspect of the sky. [after the clearing off of the fog.]

Copied from ¹ Vermont Chronicle
Meteorological Journal by G. S. M. Dec. 12, 1927.

METEOROLOGICAL OBSERVATIONS.

DATE.		Barometer reduced to 32° F. and attached Thermometer.		THERMOMETER.					HYGROMETER.				

Mean Pressure 29.418 Mean Temp. 56.9 71.2 59.7 = 62.6 M.T. of the month 54.1
 Greatest " 29.57 Range of Thermometer 41° 59.7 - 54.1 = 5.6
 Least " 29.30 Range of Dew Point 34° 55.8 - 51.4 = 4.4
 Range of Barometer .27

Mean difference between dew point and temp. 7.6
 " at sunrise - - - - - 2.8
 " at 1 1/2 P.M. - - - - - 15.4
 " at 9 1/2 P.M. - - - - - 4.4

DARTMOUTH COLLEGE,

August 1835

19

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Am't.	Kind.	Am't.	Kind.	Am't.	Snow.	Rain.	
1	Foggy	Fair	Fair	SW	NW	NW			
2	Foggy	Fair	Fair	NW	NW	NW			
3	Foggy	Fair	Fair	SW	SW	NW			Dew. .015
4	Foggy	Cloudy	Cloudy	SW	W	NW			Dew. .005. Exp. Ther. 4 1/2 P.M. 35°.
5	Fair	Cloudy	Cloudy	NW	SW	SW			Exp. Ther. 30°. Frost. Windy.
6	Foggy	Fair	Cloudy	NW	NW	SW			Dew. .007. Slight shower 10 P.M. .01.
7	Cloudy	Cloudy	Cloudy	N	SW	SW			
8	Foggy	Fair	Fair	SW	SW	SW			Dew. .007. Fog until 9 A.M.
9	Foggy	Fair	Fair	SW	SW	SW			Dew. .008.
10	Foggy	Fair	Fair	SW	SW	SW			Dew. .009. Hazy.
11	Foggy	Fair	Fair	SW	SW	SW			Dew. .004. Hazy.
12	Foggy	Fair	Cloudy	SW	SW	SW			Dew. .004. Windy.
13	Cloudy	Fair	Fair	SW	SW	SW			Shower in morn. .35. Lightning in Nor. 11 P.M.
14	Foggy	Cloudy	Cloudy	SW	SW	W			Dew. .012. Rain in A.M. 31. Wind. [shifting]
15	Foggy	Fair	Fair	SW	SW	SW			Dew. .016. Fog until 10 A.M.
16	Cloudy	Cloudy	Cloudy	SE	SW	SW			Rain from 5 A.M. until 11. .88. Windy.
17	Foggy	Fair	Fair	SW	SW	SW			Dew. .02.
18	Foggy	Cloudy	Cloudy	SW	SW	SW			Dew. .008. Rain at 10 P.M. .14.
19	Fair	Fair	Fair	SW	SW	NW			Windy. Aurora Borealis.
20	Foggy	Fair	Fair	NW	SW	SW			Dew. .01.
21	Cloudy	Fair	Fair	SW	SW	SW			Thunder storm in morning 1.14. [showers]
22	Cloudy	Cloudy	Cloudy	NW	NW	NW			Very light showers.
23	Fair	Fair	Fair	NW	NW	NW			Dew and shower in night. .035. [Windy]
24	Foggy	Fair	Cloudy	NW	SW	SW			Dew. .06.
25	Cloudy	Cloudy	Cloudy	SW	SW	SW			Rain all day. 38.
26	Cloudy	Cloudy	Fair	SE	SE	SW			Rain in the morning. .03.
27	Foggy	Fair	Fair	SW	SW	SW			Dew. .013. Fog until 10 1/2 A.M.
28	Foggy	Cloudy	Cloudy	S	SE	SE			Dew. .008. Showers. 11.
29	Foggy	Fair	Fair	SW	SW	SW			Rain in the night and dew. 34.
30	Fair	Fair	Fair	NW	W	NW			Th. storm in mor. 29. Windy.
31	Fair	Fair	Cloudy	NW	NW	NW			Dew. .005. Windy.

Not Chronicle
 Copied from original records by G.S.M. December 13, 1927.

Coldest days 4, 41 57 54
 Warmest " 12, 66 82 76
 Rain and dew, (dew being .164) 3.86
 Fair days 15
 Cloudy " 8
 Variable " 8
 Winds NE, NEQ, SE, S, SW, W, NW, NW25.

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.						HYGROMETER.					
	Barometer reduced to 32° F. and attached Thermometer.											
	Bar.	Therm.	Therm.	Therm.	Therm.	Therm.	Bar.	Therm.	Therm.	Therm.	Therm.	Therm.
		9:30 P.M.	9:30 P.M.	9:30 P.M.	9:30 P.M.	9:30 P.M.		9:30 P.M.	9:30 P.M.	9:30 P.M.	9:30 P.M.	9:30 P.M.
1	29.50	29.51	52	67	57			45	48	50		
2	29.51	29.51	52	65	53			48	55	46		
3	29.50	29.57	57	69	56			46	52	50		
4	29.55	29.62	50	74	59			47	56	50		
5	29.57	29.41	54	80	68			51	60	57		
6	29.42	29.46	62	82	67			58	64	63		
7	29.35	29.39	63	60	51			56	43	44		
8	29.37	29.42	42	63	54			40	46	46		
9	29.43	29.51	52	65	50			49	44	47		
10	29.50	29.57	50	68	51			46	51	41		
11	29.47	29.57	38	62	49			37	40	48		
12	29.56	29.52	47	64	54			46	49	45		
13	29.51	29.42	54	63	58			50	54	53		
14	29.41	29.41	57	55	46			52	45	37		
15	29.41	29.51	40	59	44			34	34	33		
16	29.57	29.61	37	60	45			35	42	40		
17	29.60	29.59	37	61	48			36	41	41		
18	29.54	29.54	48	65	52			43	49	45		
19	29.50	29.50	52	65	51			41	47	41		
20	29.46	29.42	52	58	53			41	47	51		
21	29.40	29.39	49	63	50			42	46	45		
22	29.36	29.37	44	58	48			41	38	41		
23	29.37	29.41	47	59	42			36	36	34		
24	29.41	29.41	37	56	47			33	37	38		
25	29.41	29.45	40	56	41			36	35	30		
26	29.48	29.48	37	57	42			31	37	33		
27	29.38	29.51	38	57	47			33	40	33		
28	29.47	29.41	44	59	49			37	48	47		
29	29.37	29.36	44	51	43			41	43	35		
30	29.33	29.31	40	44	40			24	23	30		
31												

Mean Pressure 29.461
 Greatest " 29.62
 Least " 29.31
 Range of Barometer .31

Mean Temp 46.8 62.1 50.5 = 53.2 M.T. for the month. Mean Dew point 41.8 45. 43.1 = 43.3 M.D.P.
 Range of Thermometer 45
 Mean difference between dew point and temperature 9.9
 (being at sunrise 5, at 1 1/2 P.M. 17.2, at 9 1/2 P.M. 7.4).

DARTMOUTH COLLEGE,

September 1835

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
1	Cloudy		Cloudy		Cloudy		NW		NW		NW				Rain in the night, .01.
2	Cloudy		Cloudy		Fair		N		N		NW				Showers in forenoon, .18.
3	Foggy		Fair		Fair		NW		SW		SW				Th. in sun at 11:30, 120°, clear.
4	Foggy		Fair		Fair		SW		SW		SW				Dew, .011. Fog until 11 a.m.
5	Foggy		Fair		Fair		NW		SW		SW				Dew, .003. Th. in sun, 136°*
6	Fair		Fair		Cloudy		SW		S		SW				Hazy. Thun. shower at 8 P.M. .25.
7	Cloudy		Cloudy		Fair		NW		NW		NW				
8	Foggy		Fair		Fair		NW		SW		NW				Dew .009. Exp. Th. 45°. Windy.
9	Fair		Fair		Fair		NW		SW		NW				Rain and dew, .42. Windy. Auro.
10	Cloudy		Cloudy		Fair		NW		SW		NW				Dew, .003. Windy, slight shower.
11	Foggy		Fair		Fair		NW		NW		NW				Dew and frost, .003.
12	Cloudy		Fair		Cloudy		NW		SW		SW				Windy and Hazy.
13	Cloudy		Cloudy		Cloudy		SE		SE		SE				Rain in night. Showers during the day.
14	Cloudy		Fair		Fair		W		NW		NW				Rain in forenoon. .60.
15	Fair		Fair		Fair		NW		NW		NW				
16	Foggy		Fair		Fair		NW		SE		NW				Slight frost. Fog until 10 1/2 a.m.
17	Foggy		Fair		Fair		NW		SW		SW				Dew, .007. Windy.
18	Cloudy		Fair		Fair		SW		SW		SW				
19	Fair		Fair		Fair		SW		SW		SW				Dew, .008. Windy.
20	Cloudy		Cloudy		Cloudy		SE		SE		SE				Rain all day, .07. Windy.
21	Cloudy		Cloudy		Cloudy		SW		SE		SE				Thun. shower at 9 a.m., .03.
22	Fair		Cloudy		Fair		NW		NW		NW				Shower in the night, .019. Faint auro.
23	Foggy		Fair		Fair		NW		NW		NW				Dew, .009. Windy.
24	Foggy		Cloudy		Cloudy		NW		NW		NW				Dew, .011. Fog until 10.
25	Foggy		Cloudy		Fair		NW		W		NW				Dew, .005. Faint auro.
26	Foggy		Fair		Fair		NW		SW		SW				Aurora.
27	Foggy		Fair		Fair		SW		SW		SW				Dew, .016.
28	Cloudy		Cloudy		Cloudy		SW		SW		SE				Dew, .008. Slight showers, .06.
29	Fair		Cloudy		Cloudy		SW		SW		NW				Windy
30	Cloudy		Cloudy		Cloudy		NW		NW		NW				Windy. Slight fall of snow at sunrise.
31															

Coldest day, 30th 40 44 40
 Warmest " 6th 62 82 67
 Fair " 13
 Cloudy " 7
 Variable " 10
 Rain and Dew 1.41
 (dew being 1.04)
 Winds N 2; NE 0; SE 10; S 2; SW 32; W 1; NW 44.

Copied from original records by G. S. M. December 13, 1927.
 * This unusually high temp. may be attributed in part to the manner in which the therm. was exposed, --- the bulb being covered with black sand to such a depth as to prevent the effect of the circulation of the air.

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.						HYGROMETER.					
	Barometer reduced to 32° F. and attached Thermometer.											
	#	9:30 P.M.	#	1:30 P.M.	9:30 P.M.	Mean.	Max.	Min.	D. B. Sunrise	W. B. 1:30 P.M.	D. B. 9:30 P.M.	W. B. 9:30 P.M.
1	29.31	29.31	40	52	44				30	34	39	
2	29.30	29.30	45	59	44				36	38	34	
3	29.30	29.30	40	58	42				35	50	30	
4	29.30	29.34	36	50	45				29	38	40	
5	29.33	29.28	41	58	52				39	44	48	
6	29.30	29.27	61	61	55				55	57	47	
7	29.27	29.29	46	57	46				29	36	38	
8	29.31	29.35	42	57	36				35	30	29	
9	29.34	29.32	34	49	36				28	34	25	
10	29.32	29.30	31	44	33				27	32	30	
11	29.29	29.29	38	49	34				33	25	25	
12	29.46	29.46	27	48	35				21	24	25	
13	29.40	29.43	28	54	42				26	34	38	
14	29.42	29.45	38	57	45				35	42	41	
15	29.45	29.45	42	57	49				37	45	45	
16	29.45	29.46	45	59	48				40	46	41	
17	29.47	29.48	42	63	53				37	56	45	
18	29.48	29.46	58	66	64				46	57	58	
19	29.45	29.45	61	72	64				57	57	57	
20	29.45	29.47	62	70	61				52	49	51	
21	29.47	29.41	59	66	60				49	48	53	
22	29.41	29.62	56	70	48				46	40	37	
23	29.57	29.56	40	67	59				33	48	55	
24	29.52	29.46	51	52	38				41	30	28	
25	29.50	29.52	26	43	32				20	20	21	
26	29.48	29.49	35	42	40				25	26	30	
27	29.52	29.50	40	51	43				27	35	35	
28	29.47	29.50	43	60	51				34	42	42	
29	29.50	29.47	50	66	50				39	45	43	
30	29.46	29.42	44	63	50				39	52	40	
31	29.38	29.43	38	48	36				27	26	25	

Mean Pressure 29.418
 Greatest " 29.62
 Least " 29.27
 Range of Barometer .35

Mean Temp. 43.2 56.9 46.9 = 48.9 M.T. of the month. 36.3
 Range of the Thermometer 45.0
 Mean diff. between dew point and temp., being at
 Sunrise 6.9, at 1 1/2 P.M. 17.4, at 9 P.M. 7.4 - average 10.6
 7.6 16.4 8.4 10.6

DARTMOUTH COLLEGE,

October 1835

19

DATE.	CLOUDS.						WIND.						PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Dir.	Amt.	Dir.	Amt.	Dir.	Amt.	Snow.	Rain.	
1	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	SW	SW	SW	SW	SW	SW			Rain from 4 P.M. with wind .07.
2	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	SW	SW	SW	SW	SW	SW			Very windy.
3	Foggy	Fair	Fair	Fair	Fair	Fair	SW	SW	SW	SW	SW	SW			Dew .01. Aurora.
4	Foggy	Fair	Cloudy	Cloudy	Cloudy	Cloudy	SW	SW	SW	SW	SW	SW			Dew .007. Rain P.M. .09.
5	Foggy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	SW	S	S	S	S	S			Dew. Rain P.M. .012.
6	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	S	SW	SW	SW	SW	SW			Rain all day, with high wind, 1.12.
7	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	SW	SW	SW	SW	SW	SW			
8	Foggy	Cloudy	Fair	Fair	Fair	Fair	SW	NW	NW	NW	NW	NW			Dew .003. Faint Aurora.
9	Foggy	Cloudy	Fair	Fair	Fair	Fair	NW	NW	NW	NW	NW	NW			Frost and dew .008. Windy.
10	Foggy	Cloudy	Fair	Fair	Fair	Fair	NW	NW	NW	NW	NW	NW			Frost and dew .005.
11	Cloudy	Fair	Fair	Fair	Fair	Fair	N	N	N	N	N	N			Windy.
12	Fair	Fair	Hazy	Hazy	Hazy	Hazy	NW	NW	NW	NW	NW	NW			Frost .004. Very clear.
13	Foggy	Hazy	Hazy	Hazy	Hazy	Hazy	NW	SW	SE	SE	SE	SE			Frost and dew .007.
14	Foggy	Hazy	Foggy	Foggy	Foggy	Foggy	SW	SW	SW	SW	SW	SW			Dew .009. Fog until 11 A.M.
15	Foggy	Hazy	Foggy	Foggy	Foggy	Foggy	SW	SW	SW	SW	SW	SW			Dew .013. Fog until 12.
16	Foggy	Hazy	Fair	Fair	Fair	Fair	SW	SW	SW	SW	SW	SW			Dew .015. Fog until 11:30.
17	Foggy	Fair	Fair	Fair	Fair	Fair	SW	SW	SW	SW	SW	SW			Dew .014. Fog until 11. Very clear.
18	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	S	SW	SW	SW	SW	SW			Dew .003. Windy.
19	Cloudy	Cloudy	Fair	Fair	Fair	Fair	SW	SW	SW	SW	SW	SW			Windy.
20	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	SE	SE	SE	SE	SE	SE			Windy.
21	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	SE	SE	SE	SE	SE	SE			Windy.
22	Hazy	Fair	Fair	Fair	Fair	Fair	S	SW	SW	SW	SW	SW			
23	Foggy	Hazy	Fair	Fair	Fair	Fair	SW	SW	SW	SW	SW	SW			Dew .003. Windy in evening.
24	Cloudy	Cloudy	Fair	Fair	Fair	Fair	W	NW	NW	NW	NW	NW			Rain in morning .15. Windy.
25	Fair	Fair	Fair	Fair	Fair	Fair	NW	NW	NW	NW	NW	NW			Frost .002. Very clear.
26	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	N	N	N	N	N	N			
27	Cloudy	Cloudy	Fair	Fair	Fair	Fair	SW	SW	SW	SW	SW	SW			
28	Fair	Fair	Cloudy	Cloudy	Cloudy	Cloudy	SW	SW	SW	SW	SW	SW			
29	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy	SW	SW	SW	SW	SW	SW			
30	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	SW	SW	SW	SW	SW	SW			Rain from 2 P.M. until sun-set, .88. Windy.
31	Fair	Fair	Fair	Fair	Fair	Fair	NW	NW	NW	NW	NW	NW			Windy.

Coldest day, 12th, 27 48 35
 Warmest " 19th, 61 72 64
 Fair " 11
 Cloudy " 11
 Variable " 9
 Rain and dew 2.42
 (dew being .062)
 Winds N6, SE7, S4, SW53, W2, NW21.

Copied from original records by H. S. M. Dec. 13, 1927.

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.					
				7	8	9	7	8	9	7	8	9
				Bar.	Therm.	Therm.	B-B.	W-B.	B-B.	W-B.	B-B.	W-B.
				9:30 P.M.	1:30 P.M.	7:30 P.M.	Bar.	W-B.	Bar.	W-B.	Bar.	W-B.
1	29.57	29.61	25	37	31		15	17	19			
2	29.57	29.50	24	45	32		16	25	25			
3	29.46	29.59	35	49	40		30	40	35			
4	29.48	29.49	38	56	42		35	46	37			
5	29.44	29.37	42	61	48		35	46	40			
6	29.42	29.37	34	42	36		22	25	33			
7	29.37	29.37	34	40	39		28	32	33			
8	29.36	29.37	40	48	38		38	39	37			
9	29.34	29.31	43	52	44		39	42	38			
10	29.30	29.30	33	41	30		21	22	23			
11	29.28	29.23	30	37	38		28	32	30			
12	29.22	29.20	37	34	30		29	25	23			
13	29.19	29.19	27	26	24		15	16	17			
14	29.22	29.26	22	40	31		19	28	27			
15	29.26	29.25	34	45	41		29	31	32			
16	29.29	29.28	44	55	46		36	44	35			
17	29.24	29.23	46	42	30		24	26	28			
18	29.24	29.33	30	45	36		26	32	29			
19	29.25	29.30	29	37	37		29	33	37			
20	29.26	29.25	42	49	48		40	41	36			
21	29.22	29.22	42	41	34		35	30	26			
22	29.38	29.58	28	25	21		16	15	15			
23	29.55	29.19	19	24	21		16	20	19			
24	29.20	29.27	21	28	22		19	17	14			
25	29.28	29.29	18	29	19		12	14	10			
26	29.27	29.30	21	31	16		10	8	5			
27	29.35	29.27	0	15	7		-3	0	5			
28	29.16	29.14	16	29	11		15	20	10			
29	29.11	29.07	14	17	6		12	8	-3			
30	29.09	29.10	-9	11	4		-15	-10	-13			
31												

Mean Pressure 29.318

Greatest " 1st 29.61Least " 29th 29.07

Range of Barometer .54

Mean Temp. 38.7

Range of Thermometer 70°

34.4 29.9 = 31.0 M.T. of the month. 19.0

33.7 37.7 30.0 = 30.0

25.1 24.0 = 22.7 Mean Dew
 25.1 24.0 = 23.5 Point
 Mean diff. between dew point and temp. 8.3, 8.5
 being at sun-rise 9.7 at 1st P.M. 9.3, at 9th P.M. 6.9.

DARTMOUTH COLLEGE,

November 1835

H

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
	7	8	9	7	8	9			
	Bar.	Therm.	Therm.	Bar.	Therm.	Therm.			
	9:30 P.M.	1:30 P.M.	7:30 P.M.	Bar.	Therm.	Therm.			
1	Fair	Fair	Fair	NW	NW	NW			Very fine.
2	Fair	Fair	Fair	NW	NW	NW			
3	Cloudy	Fair	Fair	SW	SW	SW			
4	Fair	Cloudy	Hazy	SW	SW	SW			
5	Cloudy	Fair	Fair	SW	SW	NW			
6	Fair	Fair	Cloudy	N	N	SE			
7	Cloudy	Cloudy	Cloudy	SE	SE	SE			Rain, .17.
8	Cloudy	Fair	Foggy	SE	SW	SE			
9	Foggy	Fair	Fair	NE	NW	NW			Rain in night, .04
10	Fair	Fair	Fair	NE	NW	NW			
11	Cloudy	Cloudy	Cloudy	SE	SE	NW			Sleet and rain, .58. High wind.
12	Cloudy	Cloudy	Cloudy	N	NW	NW			Light snow in the morning. 06. Squally.
13	Cloudy	Cloudy	Fair	NW	NW	NW			
14	Cloudy	Fair	Cloudy	NW	NW	NW			
15	Cloudy	Fair	Cloudy	SW	SW	SW			Rain in the evening, .11.
16	Cloudy	Cloudy	Fair	SW	SW	SW			
17	Cloudy	Fair	Fair	W	W	W			Remarkable Aurora Borealis.
18	Cloudy	Fair	Fair	W	W	W			Brilliant Auro. Bor.
19	Fair	Hazy	Cloudy	SW	SW	SW			
20	Cloudy	Cloudy	Cloudy	SW	S	SW			Rain, with high wind, from noon, .20.
21	Cloudy	Cloudy	Fair	NW	NW	NW			
22	Cloudy	Cloudy	Cloudy	NW	NW	NW			
23	Cloudy	Cloudy	Cloudy	SW	SW	SW			Snow all day and evening, 7 in. in water, .90.
24	Cloudy	Cloudy	Cloudy	NW	NW	NW			
25	Fair	Fair	Fair	NW	NW	NW			
26	Fair	Cloudy	Fair	N	N	N			
27	Fair	Fair	Hazy	N	NW	W			
28	Cloudy	Cloudy	Fair	SW	SW	W			Snow till 11 a.m., 3 in. in water, .15
29	Cloudy	Fair	Fair	SW	W	NW			
30	Fair	Fair	Cloudy	NW	NW	W			
31									

Coldest day, 30th - 9 11 4Warmest " 5th 42 61 48

Fair days 5

Cloudy " 7

Variable " 18

Winds N 7, NW 35, NE 2, S 1, SW 26, SE 8, W 11.

Rain and snow, 2.21 in. of which 1.05 in. was
 from snow 10 inches in depth.

Copied from original records by G. S. M. Dec. 14, 1927.
 W. Chronicle

METEOROLOGICAL OBSERVATIONS.

DATE.	THERMOMETER.						HYGROMETER.					
	Barometer reduced to 32° F. and attached Thermometer.											
	7	2	9:30 P.M.	7	2	9:30 P.M.	7	2	9:30 P.M.	7	2	9:30 P.M.
1 29.14	Sunrise		29.15	11	21	16						
2 29.16			29.48	7	6	-2						
3 29.53			29.32	-9	10	9						
4 29.14			29.14	16	25	24						
5 29.14			29.10	22	26	8						
6 29.04			29.04	-2	12	1						
7 29.04			29.05	-11	8	-1						
8 29.03			29.09	-9	20	10						
9 29.09			29.13	15	25	17						
10 29.10			29.30	10	15	4						
11 29.39			29.38	-11	13	0						
12 29.35			29.20	6	20	5						
13 29.12			29.10	-5	12	13						
14 29.10			29.11	17	36	10						
15 29.05			29.08	-5	11	16						
16 29.02			29.25	-15	-17	16						
17 29.54			29.35	-17	-6	-12						
18 29.52			29.50	-19	-1	4						
19 29.49			29.54	8	20	20						
20 29.49			29.25	23	30	32						
21 29.18			29.14	32	39	5						
22 29.07			29.16	21	27	17						
23 29.34			29.48	4	22	3						
24 29.56			29.37	2	20	18						
25 29.24			29.10	27	39	37						
26 29.03			28.72	35	44	38						
27 28.68			29.01	36	30	14						
28 29.03			29.05	5	15	8						
29 29.07			29.07	10	22	24						
30 29.00			29.05	26	35	29						
31 29.00			29.08	21	19	4						

Mean Pressure 29.186
 Greatest " 29.540
 Least " 28.680
 Range of Barometer .860

Mean Temp. 8.12° 19.29° 11.42° = 12.94° M.T. of the month.
 Range of Thermometer 61°

The month has been remarkable for the extreme severity of the weather, during the first 18 days. The mean temperature for that period was 6.3°, being at sun-rise, at 11:30, and at 9:30, 5.8°. The mean temperature of the corresponding period last year was 20° being 13, 26.2, 19°. The omitting the Hygrometrical Register during the winter months on account of the difficulty of taking accurate observations in extremely cold weather. Edm.

TEMPERATURES 1828-1835
CONCORD, N.H.

N.H. STATESMAN-JOHN FARMER

	JAN.	FEB.	MAR.	APR.	MAY	JUNE
1828	24.6	31.8	33.	40.5	55.6	68.5
29	20.1	17.2	27.8	43.	58.	64.4
30	19.2	22.	34.	47.5	55.2	62.5
31	20.5	20.9	37.6	43.	58.9	68.1
32	22.8	23.3	26.7	39.	52.1	62.
33	26.3	20.	28.4	46.3	58.4	60.1
34	18.4	26.6	32.8	45.5	52.1	62.4
35	21.3	19.8	29.3	40.6	51.8	63.7
36	22.5	14.7	26.	38.1	53.5	59.7
AV.	21.7	21.8	30.6	42.6	53.3	63.4
JULY		AUG.	SEPT.	OCT.	NOV.	DEC.
1828	70.	68.6	60.2	46.3	38.2	32.
29	66.3	66.2	50.6	47.5	37.8	33.
30	68.2	65.4	56.5	50.1	43.3	31.4
31	69.1	69.	58.2	52.	38.	12.8
32	66.7	67.	56.3	48.	37.8	25.1
33	59.1	64.3	57.7	47.1	34.3	26.2
34	71.8	65.1	59.	47.5	34.6	23.
35	67.6	64.8	53.6	51.7	34.3	18.5
36	67.6	62.5	57.5	47.8	34.7	22.7
AV.	67.3	65.8	56.5	48.6	37.	24.7

MEAN TEMPERATURE OF WINTERS - MERCURY BELOW ZERO
 1828-1829 - 23.1 on 14 days
 1829-1830 - 24.7 " 13 "
 1830-1831 - 24.2 " 14 "
 1831-1832 - 19.6 " 20 "
 1832-1833 - 23.8 " 9 "
 1833-1834 - 23.7 " 11 "
 1834-1835 - 21.3 " 23 "
 1835-1836 - 18.5 " 25 "
 MEAN OF 8 WINTERS - 22.3 TOTAL 129 days below zero.

DARTMOUTH COLLEGE,

December 1835 19

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.
	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Kind.	Amt.	Snow.	Rain.	
1	Cloudy		Cloudy		W		W				
2	Fair		Fair		NW		NW				
3	Fair		Cloudy		NW		NW				
4	Cloudy		Cloudy		SW		SW				Exposed Therm. -15
5	Cloudy		Fair		SW		SW				Snow from 11 a.m. 1 in.; in water .07
6	Fair		Fair		NW		NW				Snow from 10 to 1, 3 in. in water .24 [High wind.
7	Fair		Fair		N		NW				Exposed Therm. -18.
8	Fair		Fair		N		W				
9	Cloudy		Cloudy		SW		SW				
10	Cloudy		Fair		NW		NW				Light snow from 9 a.m. to 8 P.M. 3 in. [in water .24.
11	Fair		Fair		N		N				
12	Hazy		Hazy		N		N				
13	Fair		Fair		N		N				
14	Cloudy		Fair		SW		SW				[water. 18. Violent squall at 4 1/2 P.M.
15	Fair		Cloudy		N		NE				Snow from 10 1/2 a.m. to 3 P.M. 2 in. in P.M.
16	Cloudy		Fair		NW		NW				Violent wind at 9 P.M.
17	Fair		Fair		NE		NE				High wind through the day.
18	Fair		Cloudy		N		N				
19	Cloudy		Cloudy		N		N				Very light snow, in water .04.
20	Cloudy		Cloudy		SE		SW				
21	Cloudy		Fair		SE		S				
22	Fair		Fair		SW		W				
23	Fair		Fair		W		W				
24	Fair		Cloudy		NW		NW				
25	Cloudy		Cloudy		S		S				
26	Cloudy		Cloudy		N		N				Rain from 8 a.m. .24.
27	Cloudy		Cloudy		W		W				Rain, .50
28	Cloudy		Cloudy		NW		NW				
29	Cloudy		Cloudy		NW		NW				
30	Cloudy		Cloudy		S		S				Light snow 1 1/2 in. in water .10.
31	Cloudy		Fair		NW		N				

Coldest day, 16th -15-17-15°
 Warmest " 26th 35-44-38°
 Fair days 8
 Cloudy " 10
 Variable " 13

Winds N 28. NW 27. NE 5. S 7. SW 13. SE 3. E 1. W 14.
 Rain and Snow 1.61 of which .97 was from snow about 10 1/2 inches in depth.

Copied from original by S. S. M. December 15, 1927.