

METEOROLOGICAL OBSERVATIONS.

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.				HYGROMETER.					
	1:30 P.M.	9:30 P.M.	7:30 P.M.	1:30 P.M.	2:30 P.M.	9:30 P.M.	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.
1	29.6537°	29.6840°	29.7739°	23	28	22							
2	.7632	.7544	.6538	7	30	18							
3	.5536	.3649	.0739	25	36	29							
4	28.9539	.0566	.2460	27	34	20							
5	29.4439	.6063	.6449	9	13	12							
6	.7433	.8468	.8464	0	19	-3							
7	.6035	.3334	.1536	-1	25	22							
8	.4534	.6561	.8149	14	11	-5							
9	.8427	.7427	.5726	-19	11	1							
10	.3524	4265	.7248	7	31	7							
11	.9531	30.0963	30.0742	-3	9	-13							
12	.8523	29.6764	29.3553	-13	19	20							
13	28.7069	.6663	.2358	31	44	21							
14	29.7140	.7748	.8337	7	18	-2							
15	.9227	.9862	.9749	12	12	-3							
16	.7639	.6058	.3255	16	31	31							
17	.0964	28.7565	28.6054	32	39	33							
18	.0445	29.1360	29.4457	24	35	24							
19	.7050	.9167	.8346	5	10	-3							
20	.9037	30.0264	30.0138	-11	2	-10							
21	.9222	29.8027	29.7325	-22	6	-10							
22	.7521	.9060	.9255	-3	15	-6							
23	.6040	.3358	.1852	6	31	27							
24	.1542	.2858	.3255	23	30	18							
25	.3247	.3470	.3542	-1	4	10							
26	.3948	.4561	.6141	-22	-1	-13							
27	.6820	.6732	.7524	-25	3	-16							
28	.8013	.7922	.8019	-30	-2	-9							
29	.7512	.7443	.6835	-24	2	-15							
30	.5016	.4847	.5041	-23	6	-10							
31	.5719	.7354	.8934	-24	0	-12							

Some of the coldest periods on our record are as follows:—
 From Jan. 3d 7 days, 1835; average at Sunrise -17.71, at 1 1/2 P.M. -2.57, at 4 1/2 P.M. -9.57, Daily -8.24, Minimum -32.
 From Feb. 2d, 6 days, 1836, -20.83, -16.00, -10.8, -5.00, -3.4, -2.3, -2.7, -3.1, -5.3, -3.0, -11.71, -17.16, -17.16, Dec. 17, 1835, -17-6.
 From Jan. 15, 5 days, 1837, -16.25, -13.2, -9.5, -2.25, -3.0, -5.4, -4.53, -11.71, -12.14, -11.71, -11.71, Dec. 16, 1835, -32-7-20; Jan. 4, 1835, -32-7-20; Dec. 16, 1835, -15-17-16, Dec. 17, 1835, -17-6-13.
 The coldest days on our register are, Jan. 4, 1835, -32-7-20; Jan. 5, 1837, -27-5-12; Jan. 5, 1837, -12-8-15; Jan. 17, 1840, -33-2-13.
 In the last Register (for December) the printer neglected to prefix the negative sign to the observations below zero. The morning observations for the 6th day were -3, and the morning and evening observations on the 13th were each -4. And in the summary all the numbers in the line of "Minimum temperature" should be affected with the same sign. — W.B.

	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	MEAN FOR TEN YEARS
Mean temperature of Jan.	7.93	25.67	19.10	24.57	8.84	16.65	26.57	9.20	14.90	10.68	17.467°
" " at Sunrise	0.74	19.4	11.2	18.4	0.41	11.22	21.49	1.06	14.40	10.68	10.950
" " " 1 1/2 P.M.	17.74	32.9	28.9	31.7	18.8	22.71	32.48	18.54	25.30	24.35	25.342
" " " 4 1/2 P.M.	5.32	24.9	17.2	23.6	7.3	15.97	25.55	8.00	17.60	15.74	16.118
Maximum temperature	44.00	48.0	52.0	46.0	40.0	51.0	48.0	46.0	42.0	47.0	46.4
Minimum "	-30.	-17.0	-16.0	-16.	-33.	-24.	-11	-31	-14	-32	-22.4
Observations at or below zero	35	6	16	5	31	12	5	25	10	20	16.6
Mean Pressure	25.569	29.639	29.549	29.697	29.593	29.652	29.683	29.388	29.471	29.607	29.585
Maximum "	30.09	30.36	30.24	30.38	30.10	30.57	30.02	29.77	30.05	30.01	30.159
Minimum "	28.40	28.64	28.84	28.89	28.90	28.58	28.93	28.47	29.07	28.79	28.751

Copied from the Vt. Chronicle by G. S. M. March 24, 1928.

DATE.	CLOUDS.			WIND.			PRECIPITATION.		REMARKS.
	Kind, Sunrise	Kind, 1:30 P.M.	Kind, 9:30 P.M.	Dir. Sunrise	Dir. 1:30 P.M.	Dir. 9:30 P.M.	Snow.	Rain.	
1	9	9	1	NW	NW	N			
2	0	1	7	NW	NW	NW			
3	10	8	9	SE	SE	NE			
4	10	9	4	NE	NW	NW	.80		Snow from 6 A.M. thro' the day and
5	8	8	1	NW	NW	NW	.10		night 8 inch. 4th. Snow squalls at 6 A.M. and 1 P.M., 1 inch.
6	0	0	0	NW	NW	NW			
7	8	9	9	NW	NW	NW			
8	1	0	0	NW	NW	NW	.30		Snow at intervals thro' the day and
9	0	7	10	NW	NW	NW			night 3 inches. High wind after mid-
10	10	4	0	NW	NW	NW	.70		night. 9th Snow from 5 P.M. through
11	0	0	0	NW	N	NW			the night, 7 inches.
12	8	8	8	SW	SW	SW			
13	10	6	10	SE	W	NW	.10		Rain from 5 to 9 A.M. High wind
14	0	0	0	NW	N	N			and squalls afternoon.
15	0	0	0	N	N	NW			
16	10	10	9	SE	SE	SE	.60		Snow from 6 A.M. thro' the day, 6 in.
17	10	10	10	SE	SE	SW	.75		Rain from sunrise to 7 P.M., .75.
18	4	6	10	SW	SW	SW	.10		Barom. 28.40 at 6 1/2 P.M. Snow from 6 P.M. 1 inch.
19	0	1	0	NW	N	N			
20	0	0	0	N	N	NW			
21	0	1	1	NW	NW	NW			
22	3	0	0	NW	NW	NW			
23	10	10	7	SE	SE	SW	.40		Snow from 6 1/2 A.M. to noon, 4 inches.
24	1	8	9	SW	NW	NW			
25	3	1	1	NW	NW	NW			
26	1	1	0	N	N	N			
27	0	1	0	NW	NW	N			
28	0	1	2	N	N	N			Hazy evening. Halo around the moon
29	0	0	0	NW	NW	NW			
30	4	5	1	NW	NW	NW			
31	0	0	0	NW	NW	NW			

	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	MEAN FOR TEN YEARS
Average Cloudiness	.38	.53	.34	.54	.34	.43	.38	.50	—	—	.43
Clear days	15	7	7	5	12	7	10	11	3	11	8.8
Cloudy days	9	13	3	16	9	11	5	15	17	18	11.6
Rain and melted snow	3.85	3.20	1.32	6.06	2.00	2.20	2.25	3.80	3.85	—	3.20
Snow	30	14	7	26	14	5	6	38	43	25	20.8
At or below zero	35	6	17	5	31	12	5	25	10	20	16.6

The last month has been the coldest since the commencement of our Register (ten years), and the week ending on the morning of the 1st of February was far colder than any preceding week on our record. The average of the seven morning observations is -24.71°; of the observations at 1 1/2 P.M., 1.71°; and of those at 4 1/2 P.M., -12.14°, and the average of the whole -11.71°.

METEOROLOGICAL OBSERVATIONS.

Table with columns for DATE, Barometer reduced to 32° F. and attached Thermometer, THERMOMETER (Sunrise, 1:30 P.M., 9:30 P.M., Mean, Max., Min.), and HYGROMETER (D. B., W. B.).

SUMMARY FOR THREE WINTER MONTHS ENDING FEB. 29. AVERAGE FOR TEN YEARS. 1844 1843 1842 1841 1840 1839 1838 1837 1836 1835

Summary table for winter months ending Feb. 29, 1844-1835. Includes rows for Mean temperature of Feb., at sun. rise, 1 1/2 p.m., 7 1/2 a.m., Maximum temperature, Minimum, Observations at or below zero, Mean Pressure of Atmosphere, Maximum, and Minimum.

DARTMOUTH COLLEGE, February 1844

Table with columns for DATE, CLOUDS (Kind, Amt, 1:30 P.M., 9:30 P.M.), WIND (Dirac, Amt, 1:30 P.M., 9:30 P.M.), PRECIPITATION (Snow, Rain), and REMARKS.

Summary table for winter months ending Feb. 29, 1844-1835. Includes rows for Average Cloudiness, Clear days, Cloudy days, Rain and Melted Snow, and Snow.

Copied from the Vt. Chronicle by J. S. M. March 29, 1928.

METEOROLOGICAL OBSERVATIONS.

Table with columns: DATE, Barometer reduced to 32° F. and attached Thermometer, THERMOMETER (Sunrise, 1:30 P.M., 9:30 A.M., Mean, Max., Min.), and HYGROMETER (D. B., W. B. for 7, 2, 9).

Summary table for March 1844 with columns for years 1843-1845 and averages for ten years. Rows include: Mean temperature of March, at sunrise, at 1 1/2 P.M., at 9 1/2 P.M., Maximum temperature, Minimum, Observations at or below zero, Mean pressure of Atmos., Maximum, Minimum.

DARTMOUTH COLLEGE,

March 1844

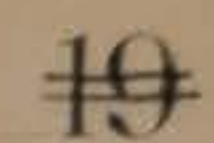


Table with columns: DATE, CLOUDS (Kind, Amt. for Sunrise, 1:30 P.M., 9:30 P.M.), WIND (Dir., Amt. for Sunrise, 1:30 P.M., 9:30 P.M.), PRECIPITATION (Snow, Rain), and REMARKS.

Summary table for March 1844 with columns for years 1843-1845 and averages for ten years. Rows include: Average Cloudiness, Clear days, Cloudy days, Rain and melted snow, Snow.

Copied from N. Chronicle by G.S.M. April 9, 1928.

METEOROLOGICAL OBSERVATIONS.

Table with columns for DATE, Barometer reduced to 32° F. and attached Thermometer, THERMOMETER (Sunrise, 1:30 P.M., 9:30 P.M., Mean, Max, Min), and HYGROMETER (D. B., W. B.).

By examining the above comparative table, it will be seen that the last month has been warmer, drier, and clearer, than any April during the last ten years. The season therefore unusually forward, - full two or three weeks earlier than it was last year. It may be noticed that the April of 1839 is omitted in the above table. The register for about one half that and the following month is lost. I have given, in a separate column, the results of the register for the first thirteen days, which is all that is in my possession. Edm.

Summary table with columns for years (1844-1835) and rows for Mean temperature of April, Maximum temperature, Minimum temperature, Mean Pressure of Atmos., Maximum, and Minimum.

DARTMOUTH COLLEGE,

April 1844

Table with columns for DATE, CLOUDS (Kind, Amt.), WIND (Direc., Amt.), PRECIPITATION (Snow, Rain), and REMARKS.

Summary table with columns for years (1844-1835) and rows for Average Cloudiness, Clear days, Cloudy days, Rain and melted snow, and Snow.

Copied from the Vt. Chronicle by E. S. M. April 10, 1928.

METEOROLOGICAL OBSERVATIONS.

Table with columns for DATE, Barometer reduced to 32° F. and attached Thermometer, THERMOMETER (Sunrise, 1:30 P.M., 9:30 P.M.), and HYGROMETER (D.B., W.B.).

Summary table for May 1844 with columns for Mean, Max., Min., D.B., W.B., and AVERAGE FOR TEN YEARS LAST 17 DAYS.

DARTMOUTH COLLEGE,

May 1844

Table with columns for DATE, CLOUDS (Kind, Amt.), WIND (Direc., Amt.), PRECIPITATION (Snow, Rain), and REMARKS.

Summary table for May 1844 with columns for Average Cloudiness, Clear Days, Cloudy days, and Rain.

Copied from the Vt. Chronicle by U.S.M. April 11, 1928.

METEOROLOGICAL OBSERVATIONS.

DARTMOUTH COLLEGE,

June 1844

DATE.	Barometer reduced to 32° F. and attached Thermometer.			THERMOMETER.			HYGROMETER.								
	Sunrise	1:30 P.M.	9:30 P.M.	Sunrise	1:30 P.M.	9:30 P.M.	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.
1	29.6262	29.6570	29.6068	44	76	59									
2	.4764	.6068	.6466	59	72	56									
3	.6862	.6865	.7464	43	70	50									
4	.7660	.7567	.7464	39	78	52									
5	.7361	.6667	.6567	47	78	60									
6	.5864	.5069	.5469	56	74	76									
7	.6066	.5171	.4767	56	81	57									
8	.6163	.6875	.7564	48	67	46									
9	.6760	.3860	.3662	48	54	54									
10	.4361	.4368	.5863	54	69	48									
11	.7057	.8467	.9762	41	60	46									
12	30.0057	30.0363	.9863	34	66	52									
13	29.6960	29.8670	.8467	46	77	56									
14	.8263	.8571	.9765	54	78	51									
15	30.0063	30.0369	.9866	50	72	54									
16	29.9061	29.7868	.7068	48	79	59									
17	.6865	.6178	.6071	52	87	63									
18	.5268	.4973	.5174	65	85	68									
19	.5372	.4980	.4276	68	93	72									
20	.4272	.5078	.5771	64	84	60									
21	.6067	.6270	.6469	57	78	62									
22	.5867	.4468	.3967	59	63	58									
23	.4862	.5668	.6069	51	76	61									
24	.5766	.4873	.5071	54	84	69									
25	.4870	.4776	.4875	64	84	74									
26	.5271	.6177	.6372	67	86	62									
27	.6569	.6072	.5671	68	83	62									
28	.4370	.4577	.5970	57	83	62									
29	.6264	.7270	.8568	57	69	54									
30	.8854	.8572	.7570	48	75	60									
31															

	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	AVERAGE FOR TEN YEARS
Mean temperature of June	62.85	61.8	59.7	65.9	62.1	57.9	65.6	62.0	61.3	61.5	62.07
" " at sunrise	53.43	52.2	50.9	58.8	55.2	50.8	58.3	54.6	53.2	54.6	54.20
" " " 1 1/2 P.M.	75.93	73.8	73.0	73.4	70.1	65.6	73.7	69.8	72.4	69.7	71.74
" " " 9 1/2 P.M.	59.23	59.5	55.1	65.1	61.1	57.4	64.8	61.6	58.1	60.3	60.22
Maximum temperature	93	93	86	88	88	78	92	83	89	85	87.5
Minimum " "	34	38	28	40	39	42	48	42	41	40	39.2
Mean Pressure of Atmos.	29.647	29.600	29.636	29.589	29.615	29.525	29.575	29.485	29.500	29.530	29.570
Maximum " "	30.03	29.94	30.12	29.87	29.95	29.80	29.83	29.75	29.67	30.03	29.879
Minimum " "	29.30	29.17	29.25	29.27	29.10	29.28	29.16	29.10	29.24	29.03	29.190

DATE.	CLOUDS.				WIND.				PRECIPITATION.		REMARKS.	
	Kind	Am't	Kind	Am't	Dir.	Am't	Dir.	Am't	Snow.	Rain.		
1	5		2		0		NW					
2	7		6		6		W					
3	3		3		0		NW					
4	F		3		0		N					
5	6		6		1		SE					
6	4		7		3		SW				.01	Slight rain from 8 to 9 A.M.
7	3		4		0		NW				.01	" " " noon.
8	0		1		0		NW				.01	" " " 6 1/2 P.M.
9	7		10		1		SW				.74	Rain from 7 A.M. to 5 P.M. Bar 29
10	3		1		1		N					Kindy afternoon. [30 at 1/2 P.M.]
11	1		0		0		NW					Kindy.
12	0		3		0		N					Frost on grass.
13	7		3		10		NW				.08	Rain from 9 P.M.
14	8		3		0		SE				.05	Thunder shower from 4 to 6 P.M.
15	5		3		0		SE					
16	0		1		0		NW					
17	2		1		9		NW				.01	Rain from 7 1/2 P.M.
18	4		3		0		S				.37	Rain from 7 A.M. to 1 P.M. and Thun. shower from 4 to 5 P.M.
19	8		4		8		S				.08	Thunder shower from 2 P.M. and rain from 9 P.M.
20	2		3		0		SW				.22	Rain from 4 A.M. to 10 A.M.
21	9		7		3		NW				1.74	Rain from 4 A.M. thro' day and night
22	9		10		10		SE				.03	Rain during the night.
23	0		2		6		NW					
24	0		1		3		SW				.02	Rain during the night.
25	7		6		7		SW					
26	3		3		1		SW					
27	10		8		4		NW				.48	Thun. shower from 4 1/2 A.M.
28	4		1		1		SW					
29	4		3		0		NW					
30	F		3		3		SW					
31												

	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	AVERAGE FOR TEN YEARS
Average Cloudiness.	.35	.40	.42	.44	.44	.42	.33	.45	.54	—	.417
Fair days.	11	14	8	6	6	7	12	7	7	12	9
Cloudy days.	6	7	8	8	7	10	5	7	14	10	8.2
Rain.	3.85	6.00	2.90	2.57	3.29	5.42	7.22	3.89	3.06	4.90	4.307

Copied from the N. Chronicle by E. S. M. April 13, 1928

METEOROLOGICAL OBSERVATIONS.

Table with columns for DATE, Barometer reduced to 32° F. and attached Thermometer, THERMOMETER (Sunrise, 1:30 P.M., 9:30 P.M., Mean, Max., Min.), and HYGROMETER (D.B., W.B.).

Summary table with columns for years (1844-1855) and rows for Mean temperature of July, Maximum temperature, Minimum temperature, Mean Pressure of Atmos., Maximum, and Minimum.

DARTMOUTH COLLEGE,

July 1844

Table with columns for DATE, CLOUDS (Kind, Amt, 1:30 P.M., 9:30 P.M.), WIND (Dir, Amt, 1:30 P.M., 9:30 P.M.), PRECIPITATION (Snow, Rain), and REMARKS.

Summary table for cloudiness and rain with columns for years (1844-1855) and rows for Average Cloudiness, Clear days, Cloudy days, and Rain.

Copied from N.H. Chronicle by G.D.M. April 14, 1923.

METEOROLOGICAL OBSERVATIONS.

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

Summary table for August 1844 with columns for years 1844-1855 and rows for Mean temperature of August, Maximum temperature, and Minimum temperature.

DARTMOUTH COLLEGE,

August 1844

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

Summary table for August 1844 with columns for years 1844-1855 and rows for Average Cloudiness, Clear Days, Cloudy Days, and Rain.

Copied from Vt. Chronicle by S. S. M. April 16, 1928.

METEOROLOGICAL OBSERVATIONS.

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

Summary table for the month of Sept. with columns for years 1841-1855 and rows for Mean Temperature at Sunrise, 1 1/2 P.M., 9 1/2 P.M., Maximum Temperature, Minimum Temperature, and Mean Pressure of Atmos.

DARTMOUTH COLLEGE,

September 1844

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

Summary table for the month of Sept. with columns for years 1841-1855 and rows for Average Cloudiness, Clear days, Cloudy days, and Rain.

Copied from Vt. Chronicle by G. J. M. April 17, 1928.

METEOROLOGICAL OBSERVATIONS.

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

Summary table for October 1844 with columns for Mean Temperature, Maximum temperature, and Minimum temperature, with values for each day and averages for ten years.

DARTMOUTH COLLEGE,

October 1844

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

Summary table for October 1844 with columns for Average Cloudiness, Clear days, Cloudy days, and Rain and Melted Snow, with values for each day and averages for ten years.

Copied from N. Chronicle by G. M. April 18, 1928.

METEOROLOGICAL OBSERVATIONS.

Table with columns: DATE, Barometer reduced to 32° F. and attached Thermometer, THERMOMETER (Sunrise, 1:30 P.M., 9:30 P.M., Mean, Max, Min, D. B., W. B.), and HYGROMETER (D. B., W. B.).

Summary table for November 1844 with columns for years 1844-1855 and rows for Mean temperature of Nov., Maximum temperature, Minimum temperature, and Mean Pressure of Atmos.

DARTMOUTH COLLEGE,

November 1844

Table with columns: DATE, CLOUDS (Kind, Amt), WIND (Direc, Amt), PRECIPITATION (Snow, Rain), and REMARKS. Includes handwritten notes like 'Rain from 6 to 7 P.M.' and 'Snow from 3 to 8 P.M. 3 inches.'

Summary table for November 1844 with columns for years 1844-1855 and rows for Average Cloudiness, Clear days, Cloudy days, Rain and melted Snow, and Snow—in inches.

Copied from Vt. Chronicle by J. S. M. April 19, 1928.