THERMOMETER.						2VA			METER. 2		9		DATE.	7-	CLOUDS.		WIND. 9				
32° F, and at	tached Thermometer.						Min.	D, B.	W. B.	D. B.	W. B.	D. B.	W. B.			Sumise -	Amt. Kind. An	mt. Kind Amt. 9:30P.M.	Direc. A	TT. Direc. AT	TT. Q.30P.M. Am
2	9:30 P.M.	Sumie													1	0	0	0	N	N	N
	30.45	-22		-12											2	.9	.8	. 8	SW	SW	SW
	30.19	- 8	1	/8											3	.8	.8	.9	SE	SW	NW
	30.00		38												4	.7	.6	. 6	SW	SW	NW
	29.97	27	41	27											5	.7	.6	.9	NW	NW	NW
	30.05		36	20											6	• 3	0	0	NW	NW	NW
	30.02		27	12										-	7	. 8	.9	.8	SW	SW	SW
	29.17			34											8	.6	0	0	NW	NW	NW
	29.85		29												9	0	0	.7	NW	NW	NW
	29.87		20	12											10	.9	.4	0	S	S	SE
	29.52														11	.5	0	1.0	SE	S	SE
	29.67		48												12	1.0	.4	.4-	SE	SE	W
	29.62	36		34											13	0	0	.5	NW	N	14
	29.81	19	27	16											14	.7	0	0	NE	N	NW
	29.87	20	30	7											15	0	0	0	NW	N	N
	29.80	-4	12	2											16	0	0	0	NW	NW	NW
	29.80	-4	20	7											17	0	0	.2	NW	NW	NW
	29.88		26												18	.6	.5	.9	SW	SW	SW
	29.70	15	40												19	.8	.8	0	SW	SW	NW
	29.62	28	36	0											20	0	0	.2	NW	NW	NW
	29.40	-11		11											21	.9	, 3	.1	SW	IN W	N
	29.38	11	21	3											22	.5	.6	.9	NE	NE	NW
	29.10		17												23	.7	.4	0	NW	NW	N
	29.57	7	-3						34						24	0	.6	.6	N	SW	SW
	29.78	-24		7								*1			25		.6	.6	SW	SW	SW
	29.75	9	30	32											26	.0			SE	SE	SE
	28.58	39	46	46												.9	1.0	.8		W	w
	29.06	31	10	10											27	•6	.6	.0	SW	N	N
	29.05	8													28	.7	.9	.6	NW		
	29.30	H													29	.7	.6	. 6	N	NEN	NN
	29.48	//	22	17									1		30	.3	-6	.6	N		SW
18.	39 1838	8 1887	1830	17	5-		-		1839	1838	1837	1836	1835		31	.6	.0	.3 18		838 1837	and the second s
re 29.0 30.2	652 29.683	29.336	29.40	78 29.	607 7	nean. 11	Temp.	of Jan.	16.63	26.51		19.30					rage Cloud	diness . 4		38 .50	
28.0		29.77 28.47	29.07				11 an	Survice 1-2 P.M.	22.71		1 1.06 3 19-97		0.000				, days		7 1	18 11	З
Y	12 5	25	10		20 7	" naximu	11 11 9 m to	2 P.M. perature	15.97	25.5	5 10.74	- 17.60	18-34				dy days	1.	· .	5 15	.17
J		~~~~	10		20 07	ninim	im 1	perature -	24.0	-11.0	- 31.0	- 14.0	- 32.0				iable "	13		6 5	11
																Ino	r and Ino				3.85-
							1											570 NW 31; NE 4;	6.0 W3;5	o 38.004 3; SW24;	42.5 25 SE9.

270		M	ETEOR	OLC	GIG	CAL	, (OBS	ER	2VA	TIC)NS.					\mathbf{D}_{I}	ARTN	10UT	H (COLL	EGE,
			i d'Theorematics		Т	HERMO	METER				7	HYGRON 2	METER.		9	DATE.	7-	CLOUDS.	-9-	7	WIND	
DATE.	Barometer redu	ced to 32° F, and att	ached Thermometer.	Sumise					Min.	D, B.	W, B.	D. B.	W. B.	D, B,	W. B.		Sumise Amt	Kind. Am	+- Kind -Am	- Direc.	Amt. Direc.	Amt. g. 30 P.M. Am
	Sunrise	2														1	0	0	0	N	N	N
1	30.54		30.45		6											2	.9	.8	.8	SW	SW	SW
2	30.37		30.19	- 8	15	/8										3	.8	.8	.9	SE	SW	NW
3	30.09		30.00		38											4	.7	.6	. 6	SW	SW	NW
	29.95		29.97		41	27 20										5	,7	.6	.9	NW	NW	NW
	29.98		30.05	22		12										6	• 3	0	0	NW	NW	NW
	30.12		30.02	23	27	34										7	. 8	.9	.8	SW	SW	SW
	29.73		29.17			12										8	.6	0	0	NW	NW	NN
	29.26		29.85		29	12										9	0	0	.7	NW	NW	NN
	29.97		29.87	-4 24	20 44	32										10	.9	.4	. 0	S	S	SE
	29.64		29.52	26	48	40										11	.5	0	1.0	SE	S	SE
and the second se	29.70		29.67		50	34										12	1.0	.4-	.4-	SE	SE	W
	29.50		29.62	19	27	16										13	0	0	.5	NW	N	14
	29.90		29.81	20	30	7					1					14	.7	0	0	NE	N	NW
	29.68		29.87	_4	12	2										15	0	0	0	NW	N	N
	29.80		29.80	-4		7										16	0	0	0	NW	NW	NW
	29.79		29.80	1		16										17	0	0	.2	NW	NW	NW
	29.85			15-	40											18	.6	.5	.9	SW	SW	SW
	29.81		29.70	28	36											19	.8	•8	0	SW	SW	NW
	29.48		29.40	-11	14											20	0	0	.2	NW	NW	NW
	29.66		29.38	11	21	3										21	.9	.3	.1	SW	/Y W	N
	29.35-		29.10		17											22	.5	.6	.9	NE	NE	NW
	29.42		29.57		-3											23	.7	.4	0	NW	NW	N
	29.74		29.78	-24		7										24	0	.6	.6	N	SW	SW
	29.79		29.75	9		32										25	.0	.6	.6	SW	SW	SW
	29.45		28.58	39	46	46										26	.9	1.0	.8	SE	SE	SE
	28.70		29.06	31	10	10										27	.6	.6	.0	SW	w	w
	29.05		29.05	8		14										28	.7	.9	.6	NW	N	N
	29.04		29.30	H	17	11										29	.7	.6	. 6	N	NE	N
	29.36		29.48	11		17										30	.3	-6	.6	N	N	N
	29.64		29.79	8	8	17									-	31	.6	.0	.3	N	N	SW 1836
	mean Pres maximum minimum number of a ator below zer	1. 28.0 Overvy 10. J		28.47	30.00	28.	607 V 01 79 20 V V	11 11 11 14	11 9 n ten	of Jan. Survice 12 P.M. 2 P.M. 2 P.M. 2 P.M.	16.63	26.51 21.49 32.48 25.53 48.00	10-57 1.06 19-97 - 40-74 46.00	19.30 14.90 25:30 - 17.60 42.00	1835 17.67 10.34 24.34 18-34 47.00 - 32.0		Fair of Cloud Narie Rain Anoc	y days able " and Snow	liness . , 2.2 .5.0	7 11 3 2.	1838 183 38 .50 10 11 5 15 16 5 55 3.80 00 38.00 3; SW24,	3 - 17 - 11 3.85 - 42.5 25

271 19 January 1839 REMARKS. PRECIPITATION. Rain. Snow. mt at 11a.m. Barom. 30.57 attached Therm. 19°. Light snow through day, 22 inches. Sleet from 9a.m. through day, . 20. High wind from 3a.m. to 10. Snow from midnight, linch. Rain from 6 p.m. through night . 25. High wind from 4 p.M. aurora Borealis. Snow squall from 2 to 3 P.m. aurora Bor. Hazy- Halo around the moon. Inow from 6 to noon, 2 inch auroral and Inou from 6 to 9 P. m., Linch. High wind from 93 a.m. Great storm-rain from 4 a. m. to mid-Enight: - High wind and violent storm from Et Am. to 11 A. m., 1.25 inches. (20 Snow all swept off by the storm. (28) Squally through day. 1835 Capied from Ut. Chronicle by G. S. M. Feb. 24, 1928. 11 18 12 25.00

2	272	72 METEOROLOGICAL OBSERVATIONS. HYGROMETER.														DARTMOUTH COLLEGE, CLOUDS.									
1							THERM	_				7	HYGRO	METER. 2		9		DATE.	Ŧ	CLOUDS.	5	7	WIND.		
	DATE	Barometer re	duced to 32° F. and a	attached Thermometer.						Min.	D, B.	W. B.	D. B.	W. B.	D. B.	W. B.			Sunrise	III JAN AM	t. qKinde M. Amt.	Direc. An	+ 1:30 P.m. Amt.	Direc Amt	
		Sunrise	2	9:30 P.M.	Sumis	4 1:30P	M 9.30PI	Mean		/				and the second				1	.2	.6	.5	N	N	W	
	1	29.81		29.66	2	20	15											2	.5	.2	0	NW	NW	SW	
	2	29.54		29.40	7	20	13											3	.5	.4	.9	SW	SW	SW	
	3	29.36	-	29.27	15	31	25											4	.8	.5	.2	NE	NW	NW	
	4	29.48		29.64	9	23												5	0	,3	,3	NW	NW	NW	
	5	29.70		29.64	-7	14	8											6	0	.6	.6	NW	NW	NW	
		29.66		29.82	4	10	_/											7	0	.1	0	NE	NE	SW	
		29.97		29.63	-12	14												8	.1	.3	.8	NE	SW	SW	
		29.48		29.40	9		35											9	.9	0	0	NW	NW	NW	
		29.45		29.95-	17		-1											10	./	.4	0	NW	NW	NW	
		29.99		29.83	-7	20	9											11	.5	.3	.4	SW	SW		
		29.64		29.74														12	0	0	0	NW	5W	NW	
		29.95		29.95	5-	25												and the second sec	0	0	0	SW	SW	SW	
		29.95		29.83	5		23											14	./	0	.3	W		SW	
		29.85		29.85-	10	40												14	.7	.7	.9		W	SW	
		29.80		29.78	31		34													0	.8	SE	S	SW	
		29.78		29.78	31	47												16	.7			SW	5	S	
		29.72		29.74		38												17	.9	.9	.9	SE	SE	SE	
		29.74		29.92	31	31	18					-						18	.9	,3	0	NW	NW	NW	
		29.91		29.86	12													19	•1	/	.4	SW	SW	SW	
		29.77		29.83	30				-					-				20	.6	. 6	.7	W	NW	NW	
		29.87		29.94	30														.7	. 6	1.0	SE	SE	SE	
		29.94		29.91		38												22	.9	• 8	.9	SE	SE	SE	
		29.88		29.94	32		33											23	.9	• 3	.6	SE	SE	SE	
		29.97		29.95-	32		34											24	.8	.4	.6	SE	SW	SW	
		29.71		29.52		37			- 19									25	.9	1.0	.5	SE	S	NW	
		29.56		29.35-		. 46						-		1.1				26	.5	• Э	. 6	W	SE	SE	
		29.12		29.18	32		35-					-						27	1.0	.5	.6	SE	Sw	SW	
		29.21		29.06	32	47	34							The second	-			28	.9	. 3	. 5-	SW	SW	SW	
	29																	29							
	30		Summ	ary for February		-Sum	nary for	- 3 Wint	ir month									30							
	31	nean Teach		1838 1837 183 12.26° 18.50 10.8		1839 1	838 18	37 188	36 1835	7-				100				31							
	アアアアアのなどのない	" " " 12 RM. " " 9 I RM. naximum Tempin nimimum " no of Observ. at or I nean Pressure of naximum " inimum " verage Cloudis in days riable " in and metted. ou, in inches	ac 17.57 33.07 23.53 ature 50.0 -12.0 -	2.50 10.80 2.6 24.18 28.04 20.4 10.11 16.7 9.6 43.0 45.0 45.4 10.0 -18.0 -29.6 17 14 29 29.468 29.48 29.5 29.468 29.48 29.5 29.468 29.49 29.6 29.75 28.78 28.8 $\cdot 33$ $\cdot 53$		$ \begin{bmatrix} 12.93 \\ 26.76 \\ 17.67 \\ 57.0 \\ -24.0 \\ -32 \\ 29.62 \\ 30.57 \\ 28.58 \\ .44 \\ 21 \\ 33 \\ 36 \\ 36 \\ 1 \end{bmatrix} $	13.46 9. 28.42 24. 18.35 15: 49.0 48 18.0 -31. 28 46 29.59 29 30.17 30 28.75 28 .41 25 25 40 5.85 10	3 8.5 8.5 8.5 8.5 8.5 8.5 7	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	- - - - - - - - - - - -									some half	The win what call of it. The has be	der than temperatu	been m that of re of 7	last year the first.	der thas . Febru	

273 February 1839 -19-PRECIPITATION. REMARKS. Rain. Snow. Inow from 6 to 9 pm. 1 in. High usind High wind. Snow squall at 3 2 P.M, 1 inch. Snow at 4 P.M., 2 inch. Inou before sun-rise, zinch. aur. Bor, Aurora Borealis, through the night. Hazy in the evening. Hazy evening. Slight dnow. Snow from TP. m. through the night. Emches Sleet from 39.m. to 4 P. m., . 40. Snowfrom midnight to sun rise, 4 2 ms. riginal records) Vt. Chronicle by S. S. M. Feb. 25, 1928. han the average of the five past winters, although mary has been remarkably warm, especially che last weeks being about 14.6, and of the last two, 34.9. n since the 20th of January.

274	74 METEOROLOGICAL OBSERVATIONS.														DARTMOUTH COLLEGI								
		the second se			THERMO	METER				7	HYGRO	METER.		9		DATE.	7-	CLOUDS.		7	WIND.	÷	
DATE.	Barometer redu		d attached Thermometer.					Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.			Sumise	Ant 1:30 P.M. Amt	Gisop.M. Am	+ Direc. An	1: 30P.M. An	H. q. Jop.M. A.
	Sunrise	-2			1000												1		.7	.5	NW	NW	W
1	29.04		29.44	32		26 32								1.1.1	Laine Martin		2	.7	.7	.9	SW	SW	NW
	29.27		29.30	30		-3									L		3	.4	0	0	N	NW	NW
	29.48		29.74	-12		12							77.1				4	0	0	0	NW	SW	SW
	29.82		29.83	4		22									1		5	./	0	.1	SW	SE	SW
	29.74		29.70	14		29									100		6	0	•/	0	SW	SW	SW
	29.82		29.44	30		31											7	'3	0	.1	SW	SW	SW
	29.55		29.05	29	52										15. 11		8	0	•/	.6	SW	S	SE
	29.37		29.20	30		29											9	.3	.7	.6	SE	NW	N
	28.94		29.53	17		16					1.00				and the		10	.7	.6	•1	NW	NW	NW
	29.34			16		19									1.1		11	.7	.5	0	NW	NW	N
	29.55		29.83 30.04	18		26									1. 1		12	.2	• 3	0	N	N	N
	29.95			19											N. 1. 11		13	.2	.2	.1	N	SW	SW
	30.07		29.75		44												14	.9	.7	.7	SW	W	W
	29.59		29.74	36		24											15	./	0	0	w	w	W
	29.81		29.84	19 27	34 48												16	./	.3	1.0	SW	S	S
	29.74		29.66										1000				17	0	.4	.7	NW	WW	NW
	29.79		29.75	26		32											18	· B	.9	.9	S	SE	SE
	29.65		29.55			33											19	.9	.6	.1	SE	NW	NW
	29.46		29.88		42												20	.3	. 3	.5-	NW	SE	SE
	29.93		29.85			29											21	.9	· B	.9	SE	SE	SE
	29.72		29.50			32											22	.8	.6	.5-	SE	SE	SW
	29.36		29.36		42													.7		.5-		SW	NW
	29.30		29.36	36		32											24	.7	0	,	NW	NW	NW
	29.45		29.49			31											25	.8	.3	0	NW	NW	N
	29.48		29.64			24											26				NW	SW	SW
	29.62		29.35		44												20	0	0	0	SW	W	N
	29.24		29.45			35												0	11	.1		NE	NE
	29.73		29.67			35											28	0	.3	.3	NE	SE	SE
	29.58		29.35			33											29	.9	.9	.9	SE		
	29.52		30.04			24											30	.7	.5	.2	NW	NN	NW
	30.09 mean Temp.		30.03	1 837	1836	29 1835						_		L			31	0	0	0	NW	NW	SW I from
	" " " " " " " " " " " " " " " " " " " "	umrise 2 P.M. 2 P.M. 4 P.M. perature 2 helow zero - of atmos diness.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	38.00 24.50 60.0 -23.0 9 29.719 29.719 29.719 29.10 .49 10 12	14.10° 94.00 21.10 50.0 -11.0 6 29.490 29.85 28.93 8 8 8	19.60 87.70 26:90 57.0 -11.0 5 29.580 30.24 28.85 7 12 12	Su	mmary f			5 4. SW	26. SF 1										- pres	- groon

275 March 1839 19 REMARKS. PRECIPITATION. Rain. Snow. Amt. Esnow squall from 10 P.M. Rain from 5 to 7 pm., 05. High with Hazy from 2 P.M. aurora Borealis with streamers. Faint aurora Borealis. Hazy during the evening. Rain from about 4 to 7 am, 10. aurora Borealis Rain from 92 P.M. 05. Inow from 1 to 4 a.m., 12 inch. Rain from [IP.m. through the night, 65, awora, Bor, Evening Hazy, with Halo around the moon Sleet from midnight, at intervals, to 1 a.m. 35, Sleet from 3 to 4 P.m. Rain from 6 a.m. at intervals, through Ethe day, . 18. At. Chronicle by G.S. m. February 27, 1928.