381

DATE.	Barometer red	uced to 32° F, and attr	ached Thermometer.			THERMO	METER.				7	HYGRO	METER 2		9	
	Sunrise	1:30 P.M.	9:30F.M.	Sunrice	1. ZADM	0.35PM	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.	
1	29.43 55	29.5659	29.65540	39	44											
2	.70 50	.7465	.6960	38	60	49										
3	.5057	,4065	.55 63	47	63	49										
4	. 63.59	.5761	.3961	44	63	58										
5	.3461	. 49 67	4963	59	60	52										
6	.4760	. 50 63	. 6461	52	60	50										
7	.7258	. 81 63	18962		66											
8	.9258	.8473	. 7564	45	74											
9		,5065	.5065	54	72											
10	.40.63	. 30 75	. 4267	57	82											
11	.3563	.4864	. 6263		57											
12	The state of the s	7867	.7166	41												
13	. 6562	#669	.3467	49												
14		.1772	. 2869	54		63										
15		.5070	.6166	54		53-										
16	. 6462	.5464	.5362		54											
17	. 65.59	6767	.7064	43		55										
18		.7366	.7765	42		56										
19	. 86 61	.8971	. 88 69	44	78	62										
20	, 9263	.9476	.9073		82	63										
21	. 8966	. 8280	,8075	57	56	68										
22	.7666	, 6476	.6575	59	91	71										
23	. 6366	.5980	5474	60	92	72										
24	.5170	,3781	.3770	62	90	66										
25	.4669	.5675	.6570	61	76	59										
26	7358	6975	.6672	48	81	69										
27	.6566	,6281	.5976	62	88	71										
28	.5969	. 5578	.5372	62	89	68										
29	.4869	.4777	.4974	66	89	70										
30	.5071	.5979	.6674	65	87	68										
31					100											
	mean - th	herm. 52.2 7.	3.8 59.5—Cl	1.001	,000	Nacional Park		. A 55 A 50	1072	1870	-608 €	67.2° —	Rain 6	inches.		
	mean remp	at Sunrise			58.3	50.8	55.2	2000	59.7	East Co.						
	11 11	1 11 000		69.8		65.6			73.0	40.0						
		1000	60.3 58.1													
	maximum	n temperature	85 89	83	92	78	88	88	86	93						
	minimum		40 41	42	48	42	99	40	28							
	marin Stre	source of atmos	30.03 29.67	29.485	29.575	29.52	5 29.61	5-24.58	89 29.6.		00					
	maximum		30.03 29.67		27.00	27.80	24.40	247.01	20.19		10					
The state of						27,20		27.21	29.23	29.1	7					3-6

METEOROLOGICAL OBSERVATIONS.

	CATE				20								0		
	DATE.	7		LOUI	-	9	7	-	WIN	200	9-		PRECIPI	TATION.	REMARKS.
		Sunrice	Ame 1:3	678 M.	Amt.	9.38 P.M	Bunris	Amt	1:30P.M.	Amt	9:30F.M.*	imt.	Snow.	Rain.	
	1	6		9		0	NW		NW		IVW				
	2	3		5		6	NW		SW		SW				Barom. 29.80 at 9. a.m.
ı	3	8		10		8	SW		SW		NW				
ı	4	2		9		7	NW		SE		SW				Rainy from midnight at intervals to 6 2 PM
ı	5	8	1	10		10	SW		NE		NE				Slight rain at different times. Rain at intervals through the day.
ı	. 6	10	1	0		9	SE		SE		NW				V V
ı	7	4		3		4	NW		NW		NW				Rain through part of the right, and tatintervals to 8P.M. Evening hazy.
Ĭ,	8	4		4		9	NW		W		SW				Baron. 29.94 at 8am. Rain from
	9	10	1	10		9	SE		SE		SE				· / PIM
	10	9		7		10	SE		SW		NE			7. 0 8	Rain through part of the night to Slightrain about 7P.M. 74 A.M.
ı	11	10		8		0	NE		N		NW				sugarium acou 11.
ī	12	0		0		3	NW		NW		NW				Rain till 9 ½ a.m. Sprinkling at 1½ P.M.
	13	1		1		8	SW		SW		S			.40	Thindy morning.
ı	14	0		3		0	SW		W		SW				Thunder shower from 11P.M.
	15	0		1		1	NW		NW		NW				Sprinkling at 2 12 P.M. Hindy
-	16	8		10		10	NW		SE		NE			.79	Rain from Q.M. 7 to 9 P.M.
	1.7	2		3		0	NW		NW		NW			.01	Slight shower at + 2 P.M.
-	18	0		1		0	NW		NW		NW				Hindy
ı	19	0		0		1	NW		SW		SW				Fine day
	20	2		1		0	SW		SW		SW				Fine day
ı	21	3		0		0	SW		SW		SW				Therm. 89° at 3P.M. and 83° at 6 P.M.
ı	22	0		1		1	SW		SW		SW				Therm. 93° at 21 P.m.
ı	23	1		3		7	SW		SW		SW				
ı	24	1		3		100	SW		SW		SW			.67	Dew Paint 63° at 12 A. M. Barom. 50 Dew Paint 63° at 12 A. m. Thunder
۱	25	0		1		0	SW		NW		NW				Chower from 42 to 62 8.m.
ı	26	F		,		2	SW		SW		SW				Thunder shower at the Hest from
ı	27	2		0		1	SW		SW		SW				- augustrain hare. 62 P.M.
ı	28	F		7		9	SW		SW		SW			.26	Thermom. 950 at 121. Thunder Show
ı	29	8		3		9	aw		SW		NW			-02	Finally Rm.
1	30	F		3		0	NW		NW		NW				Slight shower at 8P.M. Fine day.
ı	31														
ı		averag	ge Clous	dines	18	35 1836	1837 1	33	42	44	44	42	1843	Capiedfo	om 14. Chronicle by 48 m mar. 8-9, 1928.
	- 1	Tair d			-	12 7	7	12	70	6	8	8	14		
			ble day			8 9		13	30	17	16	14	9		
		Rain					06 3.89			3.2	9 2.54	2.90	6.00		
			Secret 1	DW	× 0	4 1	. 0	- T				1 44	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

The first half of the month was remarkably cold and wet, while the latter half was as remarkably fine and warm. For the first 16 days the average temperature was 56.19, and the amount of rain more than 5 inches, while the average temperature of the last 14 days was 68.40, giving the extraordinary difference of 12.3°. Itill greater was the difference of the average of the noon observations, for the two portions, it being more than 18°.

383

DATE.	Barometer red	luced to 32° F, and at	tached Thermometer.			THERMO	METER.				7	HYGRO	METER.		9	
	Sunrice	1:30 F.M.	9:30 P.M.	Surrise	1.3300	a. ZAPM	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	D. B.	W. B.	
1	29.69 680	29.63 800	29.52 790	64	92	78										
2	.4974	. 3281	.4273	72	96	67										
3	.5461	.6472	.6965	51	63	49										
4	. 7561	.6966	.5466	47	77	64										
5	.5565	.6470	.6566	58	66	56										
6	.6562	.6071	.6467	46	74	57										
7	.6463	.4265	.3566	46	68	66										
8	. 3964	.4072	. 5369	59	78											
9		,5971	.5670	52	78	56										
10	. 5266	.3975	.5071	54	84	60										
11		.6871	, 7563	52	71											
12		.9170	.9868	46		56										
	30.05 63	30.03 7/	.9966		80	58										
	29.9664	29.88 70	.8367	47		66										
15		.7374	.7269	56	76	61										
16				60	80	63			* -							
17		.6872	.7371		82											
		.7168	.5868	56	72											
18	.4668	.4478	.4673	63	84	65										
19	.4666	. 5070	.5966	60		56										
20	.6061	.6167	. 6464		70	50										
21	16560	. 6370	, 6566	43	75											
22	. 6763	.6677	.6771	51	84	65										
23	16564	.5978	.5474	57	85											
24	.4465	.437/	.6065	57		52										
25	.6459	.7/72	.8266	50		52										
26	. 8261	.6968	.6572	47	83	69										
27	.6367	, 8074	.8366	62	79	55										
28	, 7561	. 6276	.4473	5-2		72										
29	. 4172	.5075	.6271	69	-	59										
30	. 6567	.6674	.6572	65		58										
31	mean-th	.6470	.6867		75											

mean temperature of July 67.7

maximum temperature mean Pressure

maximum

29.605 29.698 29.634 29.622 29.609 29.722 29.640 29.700 29.630 29.80 29.86 29.87 29.91 29.89 30.00 29.98 29.94 30.08 29.23 29.26 29.26 29.27 29.32 29.32 29.32 29.32

DARTMOUTH COLLEGE,

July 1843

19

133 3 6 3 2 10 3 3 9 7 1 2 9 0 1	9.30 9 0 5 8 0 2 9 0 8 1 0 1 7 0	SW SW NW	SW SW NW SW NW SW NW NW NE	AMT QUEEN SW SW NW	PAIN Same35		Ther. 93° at 2½ P.m. thunder and lightning [NE at sun set - dewpoint 70° at 17 P.m. Storm of thunder and high wind at 31° [rain from 5 P.m dewpt at 90. m. 690. at 3 Pigh wind - dew point 37° at 1½ P.m. Sprinkling of rain in the evening fixt. 47° &+ 13 P.m. Thindy - sprinkling of rain in the Evening. Thindy: Slight rain from 11½ a.m. Bar. 31° at 40 [windy. Rain from 6 P.m. with high wind, and lightning to 9½ P.m. Violent squall of rain and wind at [P.m also showers from 3½ P.m. Barom. 30.08 at 99.7m.
3 3 6 3 2 10 3 3 9 7 1	09058029081017	SW SW NW NW NW SE SW N N N N N N N N N N N N N N N N N N	SW SW NW SW NW SW NW NW NE	SW SW SW NW NW SW SW	.35		Storm of thunder and high wind at 31 Erain from 5 pm dew point 37° at 1½ p.m. High wind - dew point 37° at 1½ p.m. Sprinkling of rain in the evening of the sprinkling of rain in the fevening. Thindy - sprinkling of rain in the fevening. Windy: Slight rain from 11½ a.m. Bar. 31° at 4. Ewindy: Rain from 6 p.m. with high wind, and lightning to 9½ p.m. Violent squall of rain and wind at [p.m also showers from 3½ p.m. Barom. 30.08 at 99.m.
3 6 3 2 10 3 3 9 7 1	9058029081017	S AW AW AW SE SW A A AW SW	S NW NW NW NW NW NW NW NE	SW NW NW NW NW NW NW SW	.46		Storm of thunder and high wind at 31 Erain from 5 pm dew point 37° at 1½ p.m. High wind - dew point 37° at 1½ p.m. Sprinkling of rain in the evening of the sprinkling of rain in the fevening. Thindy - sprinkling of rain in the fevening. Windy: Slight rain from 11½ a.m. Bar. 31° at 4. Ewindy: Rain from 6 p.m. with high wind, and lightning to 9½ p.m. Violent squall of rain and wind at [p.m also showers from 3½ p.m. Barom. 30.08 at 99.m.
6 3 2 10 3 3 9 7 1	5 8 0 2 9 0 8 1 0 1 7	NW NW NW SE SW N N NW SW	NW NW NW NW NW NW NE	NW SW NW NW NW SW	.46		Storm of thunder and high wind at 3 [Frain from 5 pm dew point 37° at 1½ p.m. Again wind at 3 pm. Affirm wind of rain in the evening of the sprinkling of rain in the fevening. Thindy: Slight rain from 11½ a.m. Bar. 31° at 4. Ewindy: Rain from 6 p.m. with high wind; and lightning to 9½ p.m. Violent squall of rain and wind at [pm also showers from 3½ pm. Barom. 30.08 at 99.m.
6 3 2 10 3 3 9 7 1	5 8 0 2 9 0 8 1 0 1 7	NW NW NW SE SW N N NW SW	NW NW SW NW NW NE	SW NW	.46		Sprinkling of rain in the evening— Spit. 47° At 13 & m. Thindy—sprinkling of rain in the Gevening. Thindy! Slightrain from 11½ a.m. Bar. 31° at 4. Ewindy. Rain from 6 P. m. with high wind, and lightning to 9½ P.m. Violent squall of rain and wind at [P.m.—also showers from 3½ P.m. Barom. 30.08 at 99.7m.
3 2 10 3 3 9 7 1	8 0 2 9 0 8 1 0 1 7	NW NW NW SE SW N N NW SW	NW NW NW NW NW NW	NW NW NW NW NW NW NW NW	.46		Thindy - sprinkling of rain in the fevering. Windy: Slight rain from 11½ a.m. Bar. 31° at 4. Ewindy: Rain from 6 P. m. with high wind, and lightning to 9½ P. m. Violent squall of rain and wind at [P.m also showers from 3½ P.m. Barom. 30.08 at 99.7m.
2 10 3 3 9 7	029081017	NW NW SE SW N N NW SW	NW SW NW NW NW NE	NW NW NW NW SW	.30		Findy - sprinkling of rain in the fevering. Windy: Slightrain from 11½ a.m. Bar. 31° at 4. Ewindy: Rain from 6 P. m. with high wind; and lightning to 9½ P.m. Violent squall of rain and wind at [P.m also showers from 3½ P.m. Barom. 30.08 at 99.7m.
3 3 9 7	2 9 0 8 1 0 1 7	NW NW SE SW N N NW SW	SW NW SW NW NW NE	NW NW NW SW	.30		Windy: Slightrain from 11½ a.m. Bar. 31° at 4. Rain from 6 P. m. with high wind; and lightning to 9½ P. m. Violent squall of rain and wind at [P.m. — also showers from 3½ P.m. Barom. 30.08 at 99.7m.
3 3 9 7 1	9 0 8 1 0 1 7	NW SE SW N NW SW	NW SW NW NW NE	W NW NW SW	.30		Barom. 30.08 at 99.7m.
3 9 7	8 1 0 1 7	SE SW N N NW SW	NW NW NW NE	NW NW NW SW	.30		Rain from 6 P. m. with high wind, and lightning to 9½ P. m. Violent squall of rain and wind at [P.m also showers from 3½ P.m. Barom. 30.08 at 99.7.
7	8 1 0 1 7	SW N NW SW	SW N NW NW NE	NW NW SW			and lightning to 9½ P.M. Violent squall of rain and wind at [P.m also showers from 3½ P.m. Barom. 30.08 at 99.m.
9 7 1 2 9 0 1	7	N NW SW	N NW NW NE	N NW SW			P.m also showers from 3½ P.m. Barom. 30.08 at 99.m.
2 9 0 1	7	N NW SW	NW NW	NW	.06		Barom. 30.08 at 99.m.
2 9 0 1	7	NW	NW NE	SW	.06		
2 9 0 1	E 2 5 2	sw	NE		.06		
9	E 2 5 2			NE	.06		
0	0	NE	27.0				Slight rain and lightning from
1			NE	NW			
	0	SW	SW	SE			
9	10	SW	S	S	.75		Slight rain at 100.m., then rain
0	0	S	SW	SW			From 7 P.m. thro' the night.
4	0	SW	NW	NW			Dewpoint 53° at 1/2 P.m.
0	0	NW	NW	NW			
1	0	NW	sw	sw			
1	0	SW	NW	sw			
1	0	w	sw	w			The state of the s
8	0	sw	NW	NW	.08		Rain from 10 to 11 a.m.
1	0	SW	NW	NW	The second		
0	9				. 22		High wind at 91 p.m. with rais
E	0	sw	NW	NW			2 77. 2000000000000000000000000000000000
3	9	NW			.52		Showers from 7 p.m. thro'the night
,	1						I man sent miga
a	5	201 200					
	3						
	1181013184	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 SW 1 1 9 SW 1 1 9 SW 1 1 9 SW 1 1 9 SE 1 836	1 0 SW NW 5 W 4 0 SW NW 5 W 1 1 9 SW NW 5 NW 5 NW 8 5 NE E NW 1 835 1837 18	1 0 NW SW SW SW I 0 SW NW SW NW NW NW NW SW SW NW NW NW NW SW SW SW NW NW NW NW SW SW SW NW	1 0 NW SW SW 1 0 SW NW SW 1 0 W SW W 8 0 SW NW NW .08 1 0 SW NW NW NW 0 9 NW SW SW .22 1 0 SW NW NW NW 3 9 NW S S .52 1 1 SW NW NW NW 8 S S .52 1 1 SW NW NW NW 8 S S .52	

Fair days Rain 2.97 2.17 4.33 1.78 4.29 8.05 2.62 4.74 2.76

The storm which occurred on Sunday, the 2d, was remarkable, from the fact that similar storms occurred, on the same day, throughout an immense region - from the bull of mexico to the St. Lawrence.

385

DATE.	Barometer redu	ced to 32° F. and atta	ched Thermometer.		1	THERMO	METER				7		HYGI	2				9	
	Sumise	1:30 F.M.	9:30P.M.	Surrice	1:30PM	9:30PM	Mean.	Max.	Min.	D. E	3. 1	v. B.	D. B	- 1	N. B.	D,	B. 76.2	W. B.	
1	29.7165	29.6974	29.6668	55	81	64				и	adai		9	ile.	3 4	33	344.5		
2	.6763	.7074	.7770	53	80	68			7	3 0	3	70	3	1 to	ter	2 03	14/18		
3	. 8365	. 8471	.9067	48	79	62				the string	6	+	L.	the Ch	3-1	837	and ?		
4	30.0062	30.0072	30.06 68	49	83.	68				6 . 2	ade	-	me	ich	E FE	14	*		
	30.1062	30.0874	30.02 70	54	82	66				3 5	1	1000	4.89	my.	to.	23	in 6	84.	
	29.90 66	29.8768	29.8466	60	69	63				力	7	2000	4 (4	. 2	to .	i i	a		
7		.7370	,6873	61	81	71				led .	Ja.	-9	188	3	Come	4 4	30.	13	
8	. 6871	. 6872	.8068	68	80	68			1	end	the	2000	and	10	enc	4 60 4	50	184	
9		,9073	,9073	65	81	67				det de	de	3	15	13	num.	In Such	184	33	
10	.8070	.8073	,6572	63	83	69				he of	3	4	- 4	nen	6 6	900	力力	nd;	
11	. 6071	.5072	.5570	65	69	63				中市	and a	1	the	0 7	the.	4 4	nd .	to a	
12	. 5567	.6073	.6070	65	86	64			7	五年	the	han	3	5	4 3	836	3th	2	
13	. 6067	. 6569	.6570	59	85	6902	604		. 0	te ne	+	*	ton	nd.	tene	m. 1	nov. 8	any	
14	. 6568	. 5073	1407386	56	86	72	e don			2 2	do	tota	3	eco.	t t	26. 20	1 7	7	
15	. 2571	.5073	. 6070	64	77		0260X			are.	2h	1	20	2	The same	net ne	0,0	12	
16	. 6566	.6574	.6569	51	85	58	ar ar ar segge.		9	the the	de la	do	. 3	S	200	2 2	3.30	र्थ	
17	. 6566	.5571	.6073	51	88	72			+	3 . 7	The state of the s	1	3,	tor	3 6	25, 55	4	18#	
18	. 6570	. 6573	. 6571	65	83	67				がなっ	tem	. 4	tai	3 "	hay	4	18	\$-	
19	. 7071	. 7571	. 7371	64	74	68				1 20	- 62	北京	he,	ign.	the second	200	194	Si	
20	.7069	.6270	. 7269	63	73	64				4 4	ag	when	to	3:	I he	A Set	and	A B	
21	. 82.66	. 8776	. 9374	59			264×			7 7	3 +	e du	an	na	3 4	of	200	y 36	
22	. 8768	. 80 70	. 7574	61	65					2 0	36	t to	is	evio	rehe	Tan .	一十	To	
23	. 68 68	. 6872	. 6874	63	85					the te	77	of the	ree	5.	2 3	2 72	् थी	1	
24	.6970	. 7275	, 75-69	64	78	60			4	200	la.	7. 7	me	nu	an	rain	2.30.	5.5	
25	.8467	. 82.75	, 8270	60	80	62				3 3	n	3 2	us	Sto.	7	30 3		4	
26	. 8065	. 7675	. 7872	55		64			1	3 %	3,4	et.	9	t	72	2 2	838	184	
27	. 8068	. 7975	. 7971	63	86	66			1	on or	in in	and the	a de	The	me.	83	34	5.0	
28	. 7870	. 78 73	. 8571	65					8	the	4.	and	13	eble	40	なった	41	de	
29	. 9270	.9273	. 8770	59	78	64				2 7	of the	The The	gies	don	3 1	200	a and	# an	
80	. 7870	. 7275	.7070	62	82	64				7	7	2 o	Gran	the same	ann o	end in	-2	24	
31	0.00	. 6572	.7572	65	83					4	and	& S	he	ear	2 4	S. A.	to the	#	
-		perature of	Jugust 69.4	64.7	67.3	68.2	64.3	64.3	62.0	7 183	16 11	235	7	1	4 .0	4	A	03	
	41 11	at Sun		21.3	07.0	61.8	07.4	57.4	56.2	52.9	56	a							
	maximum"	temper 750	17.7	75.7	75.9	75.8	72.8	72.2	70.5	69.6	71.	2							
	minimum	"	88	83	20	86	85	86	85	745	83	7							
	mean Pres	sure.	29.731	29.770	29 475	52	42	110	44.0										
	maximum	**	29.731 - 30.100 24.25	80.08	30.00	30.13	29.677	24.698	29.62	24.62	29.6	4							
	minimum	cord doubtful	04.25	29.43	29.64	2941	24-23	24.22	29.25	29-88	29.8	0							

DAT	E.	7	CLOU	DS.			WIND			PEOUPLE	ATION	
		Skind	Ama . Kind.	Arms, K	and Ame	a Diversi				RECIPIT	ATION.	REMARKS.
	1	F	1:30AM.	9.3	OPM.		1:30Pm	Amt. 9.388.M.	Amt. S	now.	Rain.	
	2	2	3		6	W	SW	sw				
	3	0	4		1	W	NW	NW				
	4	3	2)	NW	NE	N				aurora Borealis, with streamers,
	- 5	2	3		9	N	NW	NW				I from 9 P.M.
	6	10	10		7	NW	E	SE			. 32	Rainy night, 32. Rain during the forenson. Slightrain from 11 a.m.
	7	9	7		9	SE	SE	SE			. 12	Rain during the forenson.
	8	9	9		8	SE	SE	SW				Slightrain from 11 a.m.
	9	4	2		4	SW	SW	SW				
	10	10	5		0	SE	SW	SW				
	11	10	9		0	SE	W	SE				Rain from 9 pm. through the
	12	9	4		4	NW	NW	NW			1.65	Fright to 7 pm., . 55, and through the night, 1.10.
	13	4	2		4	N	NW	NW				
	14	3	2		9	NW	NW	NW			20	D. 14
	15	4	8		2	S	SE	SE			. 38	Rainy night.
	16	3	2		2	NW	SW	NW				
	17	2	,		4	SW	SW	SW				
	18	9	7		10	SW	SE	SW			25	Prime mint
	19	10	10		0	W	w	NW			. 30	Rainy night.
		9	9		9	NW	NW	NW			, 20	During.
A STATE OF	21	10	10		0	NW	NW	NW			1.75	Rain from midnight through the
	22	10	10		0	NW	NW	NW				day and night, and through the day
	23	9	6		0	NW	NW	NW				to midnight.
	24	5	6		0	NW	NW	NW				
	25	F	0		0	NW	NW	NW				
	26	P	2		1	NW	SW	SW				
	27	F	4		7	SW	SW	NE				
	28	8	6		0	sw	NE	NW				Rain from 6 to 11 a.m.
	29	F	0		0	NE	N	NW				
	30	2			3	NW	w	NW				
			4		8	NW	NE	NE				Therm. 83° at 12 2. Rain in night.
	31	0			843 18	342 18	341 1840	1839	1838	1837		1835
		Fair	ge Cloudi	nead ,	51 ,3			11 1	5	7	.43	15
			lydays		13 9	9	7	8	7	6	6	8
		Rain	V U			45 2.2	6 2.33 4	2.03 4.1	9 2.1	14 1.	92 8.	86
		Calen										
				Co	pied for	rom Wit	4. Chronic	le by &.	8.m.	marc	h. 15-16	1928

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HYGROMETER.

DART	MOU	TH (COLL	EGE,
			100000000000000000000000000000000000000	

September 1843

19

387

	DATE.	7	- 4	4	-	WIN			PRECIPIT	TATION	REMARKS.
		Sund.	Amt Kind	-Amt. 9.5884. Amt.	gDirec.	Amt. Direc.	Ame Direc	Ame	Snow.		NEWIANNS.
ı	_ 1	9	9	8				1	Show.	Rain,	
ı	2	9	4	2	SE	SE	SE				
ı	8	F	1		SW	BM	SW				
ı	4	3	4	2	Sw	SW	SW				
ı	5	0	,	4	SW	SW	NW				
ı	6	4	5	5	NW	NW	N				
ı	7	F	7	8	NE	E	SE				
1	8	1	2	,	E	SE	SE				
ı	9	,	,		SE	SE	SE				
	10	3	4	2	NW	NW	NW				
ı				4	NW	NW	NW				Slight frast.
ı	- 11	F	5	0	W	NW	NW				
-1	12	F	/	0	NW	NW	NW				
	13	F	0	0	NW	NW	NW				Frost.
	14	1	1	8	NE	SE	SE				
	15	10	10	5	SE	SE	Sw			1.68	Rain from 5 4 a.m. through the Taight
ı	16	F	2	0	SW	W	W				
	17	F	0	0	sw	5	S				
	18	2	2	1	2	SW	SW				Thunder and lightning from 6 to 9 Pm in the
ı	19	0	0	3	NE	NE	NW				
ı	20	6	10	10	NW	SE	SE			.06	Rain from 99.m.
J	21	2	1	8	NW	SW	SW				Barom. 29.40 at 5 pm. High wind and
	22	1	0	0	N	N	N				Erain from 74 P.m.
H	23	8	1	0	NW	SW	SW				
ı	24	3	4	8	NW	W	NW				
	25	10	10	9	SE	SE	SE			.25	Rainy through the day.
	26	4	9	9	NW	NW	NW				
	27	8	3	0	NW	NW	NW				
	28	0	2	2	NW	SW	NW				Heavy frost.
	29	E	,	0	NW	NW	NW				Frost.
		F		0	NW	NW	NW				
	30	F	2						1040	1047	1836 1835
	31	0	ge Claudi	ness .34		THE PARTY NAMED IN	1840	1839	1838		1836 1835
			days,	ness. 13	7		13	11	17	10	10 13
			0	7	13		10	7	5	6	11 7
		-	ydays,				7.03 3	15			67 1.41
		Rain		2.05							
				0	lain 1	0-	· · · · ·	20	. 0	Per Os V	m. march 19,1928

29.100 29.110 28.910 29.100 29.26 29.150 29.35 29.00 29.50

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10	_	
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		IVI	EIEUK	OL	Jul	CHI	1				HVCE	OMETE	R		DATE.		CLOUDS			WIND		PRECIPI	TATION	REMARKS.
DATE	Dominator rad	used to 32° F and at	tached Thermometer.			THERMO	METER.			7		2		9		-7	CLOUDS	-		WIND.		PRECIPI		REMARKS.
DATE.	Barometer rec	uceu to 32 c. and at	q:30 P.M.	. 7	-	-	Mean	Max.	Min.	D. B.	W. B. D. B.	W. B.	D. B.	W. B.		Surrise	1:38P.M.	4 38 M. A	Surris	Ame. ISOAM. Am	T. 9/388m. Amt.	Snow.	Rain.	
	Sunrise	1:30 F.M.	9:30 P.M.	Sunrise	1:30PM	9:30PM									1	10	10	10	SE	SE	SE		1.06	Rain from 6 2 a.m. tornidnight.
1	29.6954	29.6556	29.6036	44	53	30									2	9	3	0	SE	g	3		. 15	Shower at 24 P.m.
2	.38 56	29.2363	.2762	53	70	46									3	F	5	3	SW	SW	SW			Squall of wind and rain at 2 P.m.
3	,2053	. 1058	. 1367												4	8	9	4	NW	NW	NW			
4	.1554	. 2355	. 4254												5	8	5	1	NW	NW	NW			
5	.5052	,5959	- 6355	42	54	44									6	7	8	8	NW	NW	NW			
6	. 6052	,5255	, 5956	39	56	48									7	8	9	8	SW	SE	SE			moderate rain from 4 p.m. thruthe night
7	.5754	. 6556	. 6856	46	59	46									8	10	10	10	SE		SE		2.95	
8	.60 54	. 4254	. 2256	47	51	54									9	2	2	0	SW	NW	NW			
9	. 38 55	.3461	. 3456	41	58	42									10	3	2	0	NW	NW	NW			
10	. 3154	,3764	. 4261	44	59	42									11	0	0	0	IVW	NW	NW			
11	. 4755	,5362	. 6360	32	59	40									12	8	9	10	SW				.06	moderate rain from 10am.
12	15953	. 55 61	. 5961	37	53	48										F		3	NW		NW			
13	. 5956	. 6066	. 6159	33	54	37											4		NW		NW			
14	. 63 51	.7165	. 8456	27	49	29									15	2	7	9	N		SW		. 15	Rain during the night.
15	. 85 50	,8251	. 8052	25	49	40									16	10	8	8	9		SW			to de la constant de
16.	.6250	.5253	, 4453	41	57_	45											7	,	NW		NW			Sprinkling of rain at 1 and 5 p.m.
17	. 40 50	.3052	. 3851	32	49	35									18				SW		SW			aprinted by the same of the sa
	. 4050		, 4051												19				SW		NW		00	Rain at 6 Pm.
19	.3050	.5962	. 7852	38	47	32													NN		SW			Evening hazy and windy.
20	. 8548	, 6453	,5055	26	38	52											3				SW			Rain from 50 m. Tevening
21	. 3354		. 4860														8	10	N		NW			Rain from 4a. m. through the day and
22	. 4757		. 5453																					Hail and rain from 80 m. Inow
23	,5050		. 6146															0	NW		NW			From 102 am. to 6 P.m. 6 inches.
			. 75.56															0	NW		NW			from 102 a m. cour m. Gunches.
25	, 6748		. 6455												25	2	8	- /	SW		NW			
26	. 7250	. 7253	. 7254	33	43	28									26	9	8	- /	NW	NW	NVV			Snow, hail and rain from 61 am to
27	. 6047	, 3643	. 2746	27	34	33									27	10	10	4	NE		NW			
28	. 5548	, 6844	. 8546	33	45	28									28	7	4	0	N	NW	NW			dunset - anow Finches.
29	. 8243		. 7751												29	7	0	0	N	NVV	NW			
30															30	1	2	3	SW	SW	SW			
31	. 78 47	.8641	30.1154	24	36	28	1839	1838	/837	7 1836	1835				31	0	7	8 184	3 184	2 1841 184	NW 10 1839	1838 18	37 1836	1835
	mean tem	perature of C	et. 46.973 4	2.65	41.97	44.57	7 46.26	42.1	41.7	38.7	48.9					- /	ge Cloudine	44 .5	0 ,3	2 1841 184	18 .30	145 1	15 .48	
	11 /	at Sunres	50.9 5	1.70 4	37.3	38.3	58.6	36.4	34.4	33.0	43.2					Fair de	0		7 /	3	7 14	7	9 9	1/
	. " "	" 470 m.	39.32 39	9.68 4	1.4	41.4	43.1	39.8	39.4	36.5	46.9					U	days.	9	4	14 14	+ 5	12 5	- 8	9
	maximum	temperature	70.0 68	.0 61	1-0	71.0	73.0	74.0	71.0	67.0	73.0					Inow,	a metted or	10w 7.59	3.51	1.19 3.53	1.01 3.	37 2.81	2.91 -	2.42
	mean Pr		29.550 29.6	644 20	632 2	29.642	29.650	21.0	15.0	12.0 0	27.0				(IEEE FRANK)	- cou,		8	12	.00 6.00				
	maximum		30.110 30.1	100 30	130 3	10.100	30.390	30.070	30,2	5 29.568	29.648								2			7-1-5-1	The state of the s	
	minimum	r h	29.100 29.1																Cope	ed from N.	Ct. Chronic	be by g.	8,m. 1	narch 20, 1928.

THERMOMETER.

HYGROMETER.

391

	DATE.	7	CLOUD	S	7	WIND.	-	PREC	IPITATION.	REMARKS.
		Surrise	Amt 1:38 P.M.	4.30 P.M. Ame	Direc. A	me. J. Dices An	at a Paragram Amen	Snow.	Rain	
	1	0	9	8	NW	W SOL: Ur	SW			
	2	10	2	7	SE	SW	NW		On.	D. 1. 11 + 110 m
	3	9	4	7	W	NW			.87	Rain from 4 to 11a.m. Snow squalls from 7 to 9 a.m.
	4	8	9	9	NW		NW			Snow squalls from 7 to 94.M.
	5	5	0	0	NW	NW	NW			
	6	8	1	0	NW	NW	NW			
	7	7	6	10	NW	NW	NW			Snow from 7 p.m. 12.
	8	6	5	4	NW	NW	NW			anow from 12.
	9	0	3	3	NW	NW	NW			
	10	5	10	10	SE	SE	SE			Inow from 94.m. to 8 P.M. 5 inches.
	11	9	8	10	SE	SE	SE			
ı	12	1	5	8	NW	NW	NW		1.00	Snow squalls from 3 2 pm. I inches.
	13	2	8	10	NW	NW	NW			Snow from 6 pm. 3 inches
	14	8	8	9	NW	NW	NW			
	15	3	4	7	sw	SW	SW			
		10	8	F	NW	SW	SW		160	Inow from 4 to 9 am. 6 inches
	17	F	F	F	SW	SW	SW			Rain from 8P.m.
	18	F	2	8	SW	SW	SW			Dense fog until noon.
	19	3	2	9	W	NW	NW			
	20	8	2	0	NW	NW	NW			
	21	9	10	10	SE	SE	SW		.58	Inow and rain from 79.m. through
	22	7	8	8	SW	w	NW			0 theday
	23	8	2	9	SW	NW	NW			
	24	10	9	F	SE	SE	SW		.20	Rain from 5a.m.
	25	0	8	0	NW	NW	NW			
	26	8	8	10	NW	SW	NW		.10	Snow from 6 2 P.m. Linch.
	27	8	8	0	NW	NW	NW			
ı	28	0	0	1	SW	SW	SW			
	29	8	8	8	NW	w	NW			
	30	0	0	2	N	NW	NW			Halo around the moon.
	31				10111	1841 18	1839	1838	1837 183	36 1835
		averag	ze Cloudin	ess, 1843			52 .52	146	.52 .3	56
		Clear		3	7	3	5 2	7	5	7 3
A.		Cloudy	days, -	13	12	16		8	0.8	3 7
				snow, 4.85	4.85	2.54 4.2	20 2.47	3.90	2.69 2.6	7 10
		Snou	-	2.4		12 1				
-					Cop	ied from	Wt Chron	ricle by	y Q. S. m.	march 21, 1928.

DATE.	Barometer res	duced to 32° F, and I	strached Thermometer.			THERMO	METER	in the second		7			Z		3	
						0-	Mean.	Max.	Min.	D. B.	W. B.	D. B.	W. B.	0. 8.	W. B.	
	Sunrise	1:30 P.M.	9:30 P.M.	Sunsis	£ 1:30 PM	9:38 P.M.										
1	30.17 44	30.06460	29.93 43°	17	40	35										
2	29.60 44	29.41 68	136-54	35	47	38										
3	.3848	,53 61	. 66 53	36	39	31										
4	.7244	.77.57	. 8447	28	32	26										
5	. 8541	, 85 49	. 88 43	23	30	22										
6	. 8939	, 90 65	. 85 55	24	33	18										
7	.7244	. 63 63	.54 54	21	35	27										
8	.50 46	.5964	.69 61	22	34	23										
9	. 77 46	. 83 66	.78 55	23	34	24										
10	. 68 45	.6053	.60 47		39											
	.5344	. 3450	.12 45		39											
	,3043	.5045		31	32											
	. 68 39	. 6241	.60 40		37											
	. 7738	, 9357	30.0752		36											
	30.0940	30.02.45	29.95 42	9	40											
	29.89 41	29.79 44	8757	32		35										
	. 88 49	.93.67	. 7654	34		35										
			. 53 58	37		42										
18		14652														
		.6356	.6850		47											
20	.7846	. 85 56	. 86 55	26		22										
21		. 16 48	. 11 49	34	38											
22			.33 46	33		37										
23		,5966	.5953	35		34										
	. 4248	.37 7/	,5457	36	47											
	-63 49	. 7052	.76 47	3/	-	23										
	.6940	.50 42	.45-44	20		32										
	. 6737	. 72 40	.7436	18												
28		. 55 46			35											
29	.4037	. 4562	. 6051			24										
	.84 38	30-00 60	30.1058	7	16	9										
31	Marin M.	+ 10		342	1841	184	0	1839	1838	1837	18	36	1835			
	mean Temps	at Sun ris		7.2	33.51			31.7	29.3	32.27			31.0			
		11 11 P.m.			31.23			28.2	24.7	26.9	25	5.7	28.7			
	* *	" 9+0m.	28.3 .90		31.56			7.4	35.9	39.1		5 5				
	maximum	temperature			67.	47.	57	-	27.3	30.8		7 2				
	minimum	Demp.	7. 10	1	6	16.0	10		- 2	-7	13	-9				
			29.659 29.6	27 29	7.538	29.60	7 29.	642	29.683	29.57	7 29	575 20	9.548			
	minimum	n er	29:10 28.	77 28.	., ,	00.06	30.	20	30.51	30-10	30	15- 25	9.84			
				~ ~ ~ ~ .		21.21	20	70	27.00	28.45	29.0	02 2	9.30			

minimum"

DATE.	Barometer re	duced to 32° F, and at	stacked Thermometer.			THERMO	METER				7	HYGRO	METER.		9	
	Sumise	1:30 F.M.	9:30 F.M.	Surrice	1-ZAPM	Q:35PM	Mean.	Max.	Min.	D. B.	W. B.		W. 8.	D. B.	W. B.	
1	29.93 38	29.88 62	29.70.47	9	22	21										
2	155 39	-5242	6240	21	31	16										
3	.65 32	.6749	.7841	8		17										
4	.6734	. 5140	3540	12		33										
5	.31 40	.5242	.8257	33		13										
6	. 9236	. 9047	. 7838	3		16										
7	.59.34	.3951	.1454	20		22										
	.5335	.4042	. 3839	24	32											
	.2637	.2345	. 2640	23		25										
16	.4936	.5940	.6538	21		16										
11	.38.36	. 2866	. 3550	18	33											
12	. 39 39	.4859	.7946	9		6										
13	30.10 32	30.2462	30.1842			4										
	.0834	.00 56	.0048	0	25											
	.0038	.0459	.1050	18		23										
	.0442	.9562	29. 88 49	25		24										
	29.68 41	29.5941	. 6541	25		27										
	.71 39	.7565	. 7753	26												
	. 85-43	.8762	. 7952	20	29	23										
	.68 42	.6558	. 6350	21	38	36										
21	.7945	.8766	.7253	32	42	16										
22	.5842	.6269	. 6156	16	38	30										
23	. 70 48	7959	. 7550	30	33	27										
24	.6243	.5546	. 5544	26	43	30										
25	. 60 41	.7061	. 8159	28	40	30										
	. 86 47	.85 58	.7952	28	39	27										
27	. 6344	.5862	. 5559	27	39	31										
	. 4944	. 4061	.3459	30	38	30										
29	.2349	. 2970	. 2752	29	29	15										
	.11.39	.1040	. 1437	14	22	18										
31	.2535		1844 1843	22		25	0 1	234	1020	1020	1836					
	maximum to		18.32 19.60 28.93 32.21 21.36 22.19 45: 43.	3 19.55 14.5 26.4 17.7 41.	25. 21.1 30.6 23.6 46.	8 14.	8 17 30 21 43	3.37	16.0	21.46 16.4 28.6 19.4 49.0	20.2 15.9 26.2 18.6 47.0	12.9 8.1 19.3 11.4	14.8 24.0 17.5 40.0			
	mean Bres		30.25 30.24													
	minimu		30.25 30.27	10.70	00.0	1 30.00	29.	146 0		30.17	00.20	29.78	50.00			

METEOROLOGICAL OBSERVATIONS.

.499 29.634 29.584 29.588 29.623 29.502 29.508 29.631 29.682 29.426 29.681 30.25 30.24 30-18 30.39 30.26 24.92 30.41 30.17 30.25 29.78 30.05 28.43 29.10 28.76 28.64 29.05 28.45 28.73 28.92 28.71 28.92 29.08

DATE.	CLOUDS.						WIND.						PRECIPITATION.				RE	MARKS.	
	Lunrise	Anst	I: Boom	.Amt.	gKinsh M	Amts	poirec.	Amt.	1: Pires	Amt.			Snow.	Rain					
1	8		10		9		NW		NW		NW			10	5	Slight sn	ow		
2	8		9		0		NW		NW		N								
3	0		0		0		NW		NW		NW								
4	0		5		5		NW		NW		SW					Evening	lass.		
5	10		9		3		SW		NW		NW				10 0	Lightsn	ow, I in	rch.	
6	0		3		8		NW		NW		SW								
7	9		10		10		BM		NW		NW			. 6	30	Snow from	n 94.m	. to 9 p.m	. 8 inches.
8	6		7		8		SW		SW		SW						The same		
9	10		2		8		SW		SW		SW			. 2	20	Snow fro	m 6 to	11am. 2	inches
10	9		9		1		NW		NW		NW								
11	5		8		3		SW		SW		SW								
12	6		4		0		NW		NW		NW					Windh	igh fro	m 3Pm	
13	0		0		0		N		N		N								
14	0		5		8		N		NW		SW								
15	4		7		9		SW		SW		SW								
16	10		10		9		SE		SE		SE				80_	Snow from	mmid	night to	sun-set. 84
17	10		9		9		SE		SE		SE			1	30	Snowth	rough :	the day	. 3 inches
18	10		10		0		5		S		SW				30	Inow from	m 8an	1. to 4 8.7	n. Binches
19	9		8		8		SW		SW		SW								
20	9		7		9		NW		NW		NW								
21	4		1		2		NW		NW		NW								
22	8		7		7		NW		NW		NW								
23	9		8		8		SE		SE		SE								
24	9		9		7		SE		S		S			-	. 05.	Slightsn	ow hef	ore days	light & wich
25	9		8		9		NW		NW		NW								
26	9		9		10		NW		NW		SE					Highway	ind in	thelev	ening.
27	9		9		9		SE		SE		SW								
28	9		10		9		SE		SE		SW								
29	7		2		6		NW		NW		NW					High w			
30	6		6		6		NW		NW		NW				.05	Squalls	of sn	ow.	
31	9		6		6	844	NW	+3	N 1840	18	NW	840	1839	1838	18	37 1836	1835	1834.	
	aver	rage	Clou	cdin	ess s	58		67	.60			.46				.51 .45			
	Clear	- 0	-			4		3			3	6		9		5 8	8	9	
	Cloud	1	- 12		-	4		7	19			11			1		10	17	
	Rain		mette	d suo					16							0 4.56		-	
	atorl	. A. W.	zero		1	3		6	27	2						5 . 11		22	
			0				3		,	7		1		16	7	7 /	18	8	

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