

P 12

Meteorological Record

for

1875.



To reduce measures from gauge C, allow  
 0.011 inches for every eighth of an ounce  
 and add as follows: under 2 ounces 0.000;  
 under  $5\frac{1}{8}$  ounces 0.001; under  $9\frac{7}{8}$  ounces 0.002;  
 under  $13\frac{3}{4}$  ounces 0.003; under  $17\frac{5}{8}$  ounces 0.004;  
 under 21 ounces 0.005

Ar. co. log. for reduction from gauge A 7.93546  
 C 8.94575  
 now measures 9.79777

Granules. M.  
 Pith Granules. P.M.  
 Lead Granules L.M.  
 Cornus R.  
 Pith Cornus P.R.  
 Cornus Hearts R.G.  
 Corn Granules R.M.

8 2 3  
 1004

0 2  
 3 3



Jan. 182 in book for 1874. Book marked P 11.

Jan 3, 1875 (Sunday)

	10 A. M.	4 P. M.	
Barometer . . . .		30.100	Height of water
Thermometer attached.		36.7	+ bottle
" external No. 2.	25.7	28.1	22 ounces 15 $\frac{3}{8}$
" " No. 3.	24.9	27.6	Rainfall 6 $\frac{5}{8}$ ounces
" " No. 4.	24.8	27.5	.002 83 53 0.585 inch
" Maximum .	31.1		
" " (Set) .	28.0		
" Minimum .	12.6		
" " (Set) .	24.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	26.3	26.5	
" Wet " . . .	21.3	24.8	
Rain gauge C . . .	1 lb 6 oz		
Wind, force & direction.	5 SSW		
Clouds, amount & kind.	0		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		29.0	23.1
" No. 3 .		28.5	23.4
" No. 4 .	22.5	28.6	22.1



KG 11365.378



*A few  
snowflakes  
about noon*

*x 10<sup>5</sup>*

7 A. M.		2 P. M.	9 P. M.
Barometer . . . . .	30.078	29.998	29.998
Thermometer attached.	30.7	32.3	32.3
" external No. 2.	29.8*	32.6	32.6
" No. 3.	29.0*	32.0	32.0
" No. 4.	29.8*	32.4	32.4
" Maximum .	29.6*		
" (Set) .	29.9*		
" Minimum .	21.7*		
" (Set) .	29.0		
" Solar max. .			
" (Set) .			
" Dry bulb . .	30.7*	33.0	33.0
" Wet " . . . .	27.2*	29.3	29.3
Rain gauge C . . . .	0		
Wind, force & direction.	1-5 W	0-2 W	0-2 W
Clouds, amount & kind.	10 P. Rm	10 P. Rm	10 P. Rm

*Monday Jan. 4, 1875*



1875 no doubt

Tuesday Jan. 5 1874

	10 A. M.	4 P. M.
Barometer . . . . .	30.140	30.100
Thermometer attached.	33.6	34.4
" external No. 2.	<del>20</del> 27.0	28.9
" " No. 3.	26.4	28.4
" " No. 4.	27.1	28.6
" Maximum .	32.4	
" " (Set) .	27.6	
" Minimum .	22.2	
" " (Set) .	26.0	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	28.1	29.7
" Wet " . . .	24.8	25.3
Rain gauge C . . .	0	
Wind, force & direction.	1 <sup>st</sup> W	6 <sup>th</sup> W
Clouds, amount & kind.	10 Pm Fm	70 Pm a few snowflakes

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		30.7	20.5
" No. 3 .		30.1	20.0
" No. 4 .	23.0	30.7	20.0



18 A.M.

25.0

2 16.6

3 15.9

4 15.7

30.6

set 17.4

in 910

act. 15.4

17.4

14.7

ing C 7

End 1<sup>st</sup> SW

roads 0

6.4 at 7 A.M.

10. 5

2 P.M.

4 PM

30.489

33.4

23.6

24.6

22.9

24,0

23.0

24.0

25.0

20.4

1<sup>e</sup> SW

1 R R

942.11

22. D

21.7

21. 6



Thursday Jan. 7 1875  
10 A.M. 2 P.M. 4 P.M.

Bar.	30.241		30.014
AM Th.	29.4		32.4
No. 2	25.8	30.0	28.5
3	24.9	29.6	27.8
4	25.3	29.7	28.0
Max	25.5		
" set	26.0		
Min.	15.6		
" set	24.6		
Day	26.7		29.2
Nat	25.0		27.8
Gauge C	1 $\frac{1}{2}$ ounces $\frac{12}{132}$		
Wind	8° N		11° NE
Clouds	10 P snowing		10 P.M. R raining

21.5

At 4 P.M. snow  $1\frac{3}{4}$  inches deep  
10 inches in cylinder  $1\frac{7}{8}$  inches across weigh  
2  $\frac{3}{8}$  ounces  
9.7.9770 .149 to this  
4.3766 1.32 6.3756  
Rainfall 0.251 inches  
little or none between



Friday Jan. 8 1875

10 A.M. 2 1/2 P.M. 4 P.M.

Bar.	29.970		30.137
Air Th.	32.0		40.7
No 2	29.7	27.6	26.6
3	28.8	26.9	25.9
4	29.0	27.1	26.0
Moist	30.7		
" sat	29.6		
Min	24.8		
" set	28.8		
Dry	30.4		27.2
Wet	27.7		23.0
Gauge	5.0 mm us		
	0.40" 0.44" inches		
Wind	9' NW		9' NW
Clouds	3 Pm 7m		4 Pm

26.5

Saturday 20.0



Saturday Jan. 9, 1875

	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.	29.978		29.736	
Alt. Th.	29.8		31.4	14.0
No. 2	24.2	26.8	27.0	10.7
3	23.8	26.1	26.5	10.8
4	24.0	26.7	26.7	
Max.	29.8			
" set	24.8			
Min.	17.5			
" set	23.2			
Dry	25.1		27.8	
Wet	23.3		26.1	
Gauge C	0			
Wind	1° N		1° W	
Clouds	10 P. snowing		10 P. sleet	

Sunday Jan. 10, 1875

	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		30.236		30.258	
Alt. Th.		19.0	9.1	25.8	4.7
No. 2		2.9		9.6	
3		2.6	9.0	9.6	4.7
4		1.9	8.7	9.1	3.8
Max.		28.6			
" set		+ 3.0			
Min.		- 2.0			
" set		+ 1.8			
Dry		too low		too low	
Wet					
Gauge C		* 16 1/2 oz			
Wind		2 / W		2 WSW	
Clouds		0		4 Rs	

\* Bottle & water 16 1/2 ounces  
 Bottle 15 3/8 "

0.099 inches



Monday Jan. 11, 1875

	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.	30.288			30.250	
Alt. Th.	out of sight estimate 10.0			27.3	11.0
No. 2	7.2	20.0	19.8		10.9
3	7.0	19.2	19.2		10.6
4	7.2	19.2	19.2		
Max.	11.0				
" set	9.2				
Min.	— 1.1				
" set	6.2				
Dry	under fastenings		20.2		
Wet			15.5		
Gauge C	0		5.1		
Wind	2° SW		2° W		
Clouds	9 P. Rs		0 P. Rs		

Tuesday Jan. 12, 1875,

	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.	30.456			30.448	
Alt. Th.	19.2			28.8	14.4
No. 2	10.3	19.0	20.1		14.0
3	9.8	18.4	19.8		13.8
4	9.7	18.5	19.8		
Max.	19.9				
" set	12.0				
Min.	2.7				
" set	9.4				
Dry	under fastenings		20.9		
Wet	9.3		16.6		
Gauge C	0		5.8		
Wind	5° N W		2° N		
Clouds	0 P. Rs		0 P. Rs		



Wednesday, Jan. 13, 1875.					
	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		30.133		29.920	
Alt. Th.		25.0		28.5	
No. 2		25.3	32.8	33.1	20.8
No. 3		+22.4	32.0	32.1	20.2
No. 4	20.0	24.3	32.3	32.5	20.4
Max.		26.3			
" set		26.4			
Min.		9.6			
" set		24.7			
Dry		27.9		34.0	
Wet		26.3		32.0	
Gauge C		0.5 ounces			
Wind		6 <sup>e</sup> NE		3 <sup>e</sup> NE	
Clouds		10 Pz cum.		10 Pz fine rain	
*2 <sup>nd</sup> fell into case					

Thursday, Jan. 14, 1875					
	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		29.820		29.845	
Alt. Th.		28.0		32.2	
No. 2		27.5	29.0	25.8	
No. 3		26.7	28.5	25.0	
No. 4	25.5	26.8	28.6	25.1	
Max.		33.9			
" set		27.3			
Min.		18.8			
" set		26.4			
Dry		28.2		26.3	
Wet		23.9		20.2	
Gauge C		1 <sup>1</sup> / <sub>2</sub> ounces			
Wind		6 <sup>e</sup> SW		9 <sup>e</sup> W	
Clouds		2 Pz Mz		2 Pz 7m	



Friday, Jan. 15, 1875.

	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		30.004		30.060	
Att. Th.		out of sight (estimate 15.0)		19.4	
No. 2		9.4	12.0	11.3	8.3
No. 3		9.0	11.8	11.0	8.0
No. 4	9.0	8.9	11.7	10.9	7.5
Max.		29.5			
" set		11.5			
Min.		7.5			
" set		8.3			
Dry		under fastenings		under fastenings	
Wet		(fastenings)		8.8	
Gauge C		0			
Wind		13° W		5° NW	
Clouds		0 R		0	

Saturday, Jan. 16, 1875

	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		30.099		29.971	
Att. Th.		out of sight (estimate 15.0)		24.0	
No. 2		14.0	21.4	19.7	
No. 3		10.5	20.9	19.4	
No. 4	5.5	10.5	21.5	19.7	
Max.		12.4			
" set		12.3			
Min.		5.2			
" set		10.1			
Dry		11.8		20.4	
Wet		8.6		16.0	
Gauge C		0			
Wind		8° W		5° SW	
Clouds		2 R R		10 R	



Sunday, Jan. 17, 1875

	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		30.096		30.142	
Att. Th.		300 low		18.0	9.0
No. 2		11.1	14.2	13.4	8.9
No. 3		10.8	13.8	13.0	8.3
No. 4	5.0	10.6	13.8	12.9	
Max.		21.0			
.. set		11.0			
Min.		4.2			
.. set		10.1			
Dry		12.0		14.0	
Wet		9.1		10.0	
Gauge C		0		10 N	
Wind		6 N			
Clouds		0		0	

Monday, Jan. 18, 1875

	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		30.171		30.072	
Att. Th.		out of sight		19.2	
No. 2		8.8	9.9	8.7	
No. 3		8.7	9.5	8.4	
No. 4	4.0	8.8	9.7	8.4	
Max.		16.0			
.. set		10.6			
Min.		3.6			
.. set		7.6			
Dry		under fastenings		under fastenings	
Wet					
Gauge C		0		4 NW	
Wind		3° NW		10 P	
Clouds		10 P		driving	



Tuesday, Jan. 19, 1875.					
	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		30.166		30.154	
Att. Th.		out of sight estimate 10.0		21.0	7.1
No. 2		2.8	11.9	14.1	7.1
No. 3		2.4	11.5	13.9	6.4
No. 4	-4.6	2.0	11.3	13.8	
Max.		11.3			
" set		5.0			
Min.		-4.7			
" set		1.8			
Dry		Below		15.0	
Wet		graduation		11.4	
Gauge C		0.5 ounces			
Wind		0.05 inches			
Clouds		7 <sup>e</sup> NW		6 <sup>e</sup> W	
		1 Rs		0 7m Rs	

Wednesday, Jan. 20, 1875.					
	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Bar.		30.294		30.321	
Att. Th.		out of sight estimate 15.0		22.0	
No. 2		8.8	15.1	15.0	
No. 3		8.1	14.9	14.7	
No. 4		7.8	14.7	14.5	
Max.		14.0			
" set		10.2			
Min.		0.6			
" set		7.9			
Dry		under fastenings		15.6	
Wet		7.9		11.9	
Gauge C		0			
Wind		2 <sup>e</sup> W		7 <sup>e</sup> NW	
Clouds		0		0 7m	



JANUARY, 1875.

		10 A. M.	4 P. M.		
B	Barometer . . . . .				
T	Thermometer attached.				
	" external No. 2.				
	" " No. 3.				
	" " No. 4.				
	" Maximum .				
	" " (Set) .				
M	" Minimum .				
	" " (Set) .				
	" Solar max. .				
	" " (Set) .				
	" Dry bulb . .				
	" Wet " . . .				
	Rain gauge C . . .				
	Wind, force & direction.				
	Clouds, amount & kind.				
		7 A. M.	2 P. M.	9 P. M.	
	Thermometer No. 2 .				
	" No. 3 .				
	" No. 4 .				



JANUARY, 1875.

	10 A. M.	4 P. M.	
Barometer . . . .			
Thermometer attached.			
“ external No. 2.			
“ “ No. 3.			
“ “ No. 4.			
“ Maximum .			
“ “ (Set) .			
“ Minimum .			
“ “ (Set) .			
“ Solar max. .			
“ “ (Set) .			
“ Dry bulb . .			
“ Wet “ . . .			
Rain gauge C . . .			
Wind, force & direction.			
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
“ No. 3 .			
“ No. 4 .			



JANUARY, 1875.

	10 A. M.	4 P. M.
Barometer . . . . .		
Thermometer attached.		
" external No. 2.		
" " No. 3.		
" " No. 4.		
" Maximum .		
" " (Set) .		
" Minimum .		
" " (Set) .		
" Solar max. .		
" " (Set) .		
" Dry bulb . .		
" Wet " . . . .		
Rain gauge C . . . .		
Wind, force & direction.		
Clouds, amount & kind.		

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .			



JANUARY, 1875.

	10 A. M.	4 P. M.
Barometer . . . . .		
Thermometer attached.		
“ external No. 2.		
“ “ No. 3.		
“ “ No. 4.		
“ Maximum .		
“ “ (Set) .		
“ Minimum .		
“ “ (Set) .		
“ Solar max. .		
“ “ (Set) .		
“ Dry bulb . .		
“ Wet “ . . . .		
Rain gauge C . . . .		
Wind, force & direction.		
Clouds, amount & kind.		
	7 A. M.	2 P. M.
Thermometer No. 2 .		
“ No. 3 .		
“ No. 4 .		



JANUARY, 1875.

	10 A. M.	4 P. M.
Barometer . . . . .		
Thermometer attached.		
" external No. 2.		
" " No. 3.		
" " No. 4.		
" Maximum .		
" " (Set) .		
" Minimum .		
" " (Set) .		
" Solar max. .		
" " (Set) .		
" Dry bulb . .		
" Wet " . . . .		
Rain gauge C . . . .		
Wind, force & direction.		
Clouds, amount & kind.		

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .			



JANUARY, 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .			
Thermometer attached.			
" external No. 2.			
" " No. 3.			
" " No. 4.			
Maximum .			
" (Set) .			
Minimum .			
" (Set) .			
Solar max. .			
" (Set) .			
Dry bulb . .			
" Wet " . . .			
Rain gauge C . . . .			
Wind, force & direction.			
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .			



JANUARY, 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .			
Thermometer attached.			
" external No. 2.			
" " No. 3.			
" " No. 4.			
" Maximum .			
" " (Set) .			
" Minimum .			
" " (Set) .			
" Solar max. .			
" " (Set) .			
" Dry bulb . .			
" Wet " . . .			
Rain gauge C . . .			
Wind, force & direction.			
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .			

JANUARY, 1875.

	10 A. M.	4 P. M.
Barometer . . . . .		
Thermometer attached.		
" external No. 2.		
" " No. 3.		
" " No. 4.		
" Maximum .		
" " (Set) .		
" Minimum .		
" " (Set) .		
" Solar max. .		
" " (Set) .		
" Dry bulb . . .		
" Wet " . . . .		
Rain gauge C . . . .		
Wind, force & direction.		
Clouds, amount & kind.		

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .			



Wednesday No. 4 0.8

Thursday Jun. 21, 1875

	7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Barometer		30.345		30.207	
Ath. Therm.		out of sight		18.6	
No. 2		estimated 10.0	13.3	<del>14.7</del> 12.6	12.6
No. 3		7.7	12.9	14.1	12.3
No. 4	0.8	7.8	13.0	14.1	12.3
Max.		8.2			
" set		15.8			
Min.		9.5			
" set		— 6.2			
Dry		6.8			
Wet		under fastening		15.2	
Gauge C				14.0	
Wind		0			1° NE
Clouds		2° NW			10 f. above



Sunday Jan. 24, 1875

7 A.M. 10 A.M. 2 P.M. 4 P.M. 9 P.M.

\* 5th barometer has no doubt that the mean is 30.100

Barometer	30.810	31.000		
Atm. Th.	27.0	24.6		
No. 2	10.8	20.2	33.0	
No. 3	10.6	20.0	32.2	
No. 4	15.0	20.7	32.6	
Max.	25.3	21.3		
" act	19.0			
Min.	-0.9			
" act	710.0			
Dry	12.3	22.2		
Wet	10.0	19.6		
Gauge C	0			
Wind	4NNW			
Clouds	7 R R			

Monday Jan. 25, 1875

Barometer	29.772	29.855		
Atm. Th.	28.6	31.7		
No. 2	29.9	31.3	21.0	
No. 3	29.9	30.8	20.6	
No. 4	25.3	31.1	20.7	
Max.	33.3	27.0		
" act	29.8			
Min.	9.9			
" act	29.9			
Dry	31.4	28.0		
Wet	27.4	22.8		
Gauge C	5 3/4 inches			
Wind	7 S W			
Clouds	0			

+ Seiche  
on  
bulb

25

25

Tuesday Jan. 26, 1875

Barometer	30.125	30.120		
Atm. Th.	26.2	28.7		
No. 2	15.8	22.0	21.9	
No. 3	15.0	21.3	21.1	
No. 4	11.3	26.5	21.5	
Max.	31.8			
" act	17.7			
Min.	10.0			
" act	14.8			
Dry	16.6	22.3		
Wet	13.3	17.0		
Gauge C	0			
Wind	7 S W	8 W		
Clouds	0	0		

28

25



Wednesday Nov. 10. 8

Thursday Jun. 21, 1875.

7 A.M.	10 A.M.	2 P.M.	4 P.M.	9 P.M.
Barometer	30.345		30.207	
Alt. Therm.	unit of 100 ft		18.6	
No. 2	extending 100	13.3	<del>12.1</del> 12.7	12.6
No. 3	7.17	12.9	12.1	12.3
No. 4	7.8	13.0	14.1	12.5
Max.	8.02			
" wet	15.8			
Min.	9.5			
" wet	-6.2			
Dry	6.8			
Wet	humidity			
Gauge C	pressure		15.2	
Wind	0		14.0	
Clouds	2° NW			1° NE
	10 R			10 R

Friday Jan. 22, 1875.

Barometer	29.796	29.727
Ath. Th.	24.0	25.3
No. 2	17.2	21.2
No. 3	16.9	20.9
No. 4	17.2	21.0
Max.	17.3	21.1
" wet	18.0	
Min.	6.6	
" wet	16.2	
Day	14.2	22.1
Nat	17.2	20.2
Gauge	down	2.4 inches
Wind	out	0.117
Clouds	3° NW	6° NW
	104° from shot	140°

Saturday Jan. 23, 1875.

[illegible]



At 10 AM,  
 from 2 inches  
 4 inches in  
 cylinder  $1\frac{1}{2}$  inches in  
 diameter weigh 2  
 ounces,  
 At 11 PM,  
 from 5 inches  
 15 inches in cylinder  $1\frac{1}{2}$   
 inches in diameter  
 weigh 3 ounces.

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JANUARY, 26 1875.

	10 A. M.	4 P. M.	
Barometer. . . . .			
Thermometer attached.			
" external No. 2.			
" " No. 3.			
" " No. 4.			
" Maximum .			
" " (Set) .			
" Minimum .			
" " (Set) .			
" Solar max. .			
" " (Set) .			
" Dry bulb . .			
" Wet " . . .			
Rain gauge C . . .			
Wind, force & direction.			
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .			

Zodiacal  
light  
noticed  
about 6:30 P.M.  
vertex near  
Aries; northern  
edge near ~~South~~  
edge of square  
of Pegasus.



Wednesday Jan. 27, 1875

7 A.M. 10 A.M. 2 P.M. 4 P.M. 9 P.M.

Barom.

29.987

29.892

No. 2

11.5

19.0

20.2

16.5

No. 3

11.0

18.4

19.7

16.0

No. 4

5.5

10.8

18.6

19.7

16.0

Max.

22.0

" wet

13.5

Min.

4.9

10.4

Dry

12.2

Wet

9.2

Gauge C

0

Wind

6 W

Clouds

0 B

9 W

0 B

Baromet

Thermom

Rain ga

Wind, f

Clouds,

Therm



JANUARY, 28 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	30.050	29.871
Thermometer attached.	20.4	26.3
" external No. 2.	12.6	29.2
" " No. 3.	12.1	28.6
" " No. 4.	12.0	28.9
" Maximum .	20.0	
" " (Set) .	14.0	
" Minimum .	2.6	
" " (Set) .	11.8	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	13.7	30.0
" Wet " . . .	11.1	26.9
Rain gauge C. . . .	0	
Wind, force & direction.	1 <sup>st</sup> W	1 <sup>st</sup> S E
Clouds, amount & kind.	3 Ps	90 Pm

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		29.2	30.8
" No. 3 .		28.3	30.0
" No. 4 .	5-5	28.7	30.7

78  
81

10.4

2.05



JANUARY, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.626	29.600	
Thermometer attached.	30.0	31.8	
" external No. 2.	30.7	33.7	
" " No. 3.	30.0	33.0	
" " No. 4.	30.3	33.5	
" Maximum .	33.3		
" " (Set) .	30.3		
" Minimum .	11.6		
" " (Set) .	29.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	31.5	34.4	
" Wet " . . . .	29.0	30.8	
Rain gauge C . . . .	0.353		
Wind, force & direction.	7 <sup>th</sup> NW	3 <sup>rd</sup> N	
Clouds, amount & kind.	10 P	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		34.5	28.4
" No. 3 .		33.9	27.7
" No. 4 .	30.7	34.2	28.0

At 10 A. M.  
 New snow about  
 2 inches deep  
 10 inches in  
 cylinder 1 1/2 inches  
 across weigh  
 2 1/2 pounds.  
 0.180 to the inch  
 0.364 in all  
 9.79770  
 0.45864  
 0.25634  
 89  
 79



JANUARY, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.732	29.761	
Thermometer attached.	32.2	32.9	
" external No. 2.	25.8	30.9	
" " No. 3.	25.1	30.3	
" " No. 4.	25.9	30.5	
" Maximum . . . . .	34.3		At 10 A. M.
" " (Set) . . . . .	26.6		<del>Deep</del> New snow
" Minimum . . . . .	22.1		about 2 inches
" " (Set) . . . . .	25.0		deep. 10 $\frac{1}{2}$ inches
" Solar max. . . . .			in cylinder 1 $\frac{7}{8}$
" " (Set) . . . . .			inches in diameter
" Dry bulb . . . . .	26.7	31.1	weigh 1 $\frac{1}{2}$ ounces.
" Wet " . . . . .	24.4	27.9	Ther. rain fall
Rain gauge C . . . . .	2 ounces 0.176 inches		0.075 inches to the
Wind, force & direction.	3 <sup>e</sup> N	1 <sup>e</sup> SW	inch of snow; in
Clouds, amount & kind.	10 P	0 Ra 7m	all 0.150 inches
			89
			80
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 . . . . .		30.7	22.3
" No. 3 . . . . .		30.2	22.1
" No. 4 . . . . .	22.5	31.3	22.1



JANUARY, 31 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.008	29.862	Snowing a little between 1:30 and 3:30 P. M.
Thermometer attached.	29.6	30.9	
" external No. 2.	25.7	28.8	
" " No. 3.	24.6	28.6	
" " No. 4.	25.6	28.2	
" Maximum .	32.0		
" " (Set) .	27.1		
" Minimum .	14.4		
" " (Set) .	24.5		
" Solar max. .			
" " (Set) .			
Dry bulb . . . .	26.6	29.3	81
" Wet " . . . .	23.6	27.5	96
Rain gauge C . . . .	0.		
Wind, force & direction.	1 E. SE	2 N. NE	
Clouds, amount & kind.	10 Pr.	10 Pr	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		28.2	28.1
" No. 3 .		27.8	27.5
" No. 4 .	16.3	28.1	27.7

Anemometer  
and vane set up  
on the barn



FEBRUARY, 1 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.819	29.949	
Thermometer attached.	33.6	36.0	
" external No. 2.	27.9	27.6	At 10 A. M.
" " No. 3.	27.4	26.9	New snow
" " No. 4.	27.8	27.1	apparently
" Maximum .	30.8		about 4 inches
" " (Set) .	28.0		deep. 16 inches
" Minimum .	24.2		in cylinder
" " (Set) .	27.0		1 $\frac{7}{8}$ inches
" Solar max. .			across
" " (Set) .			width
" Dry bulb . .	28.8	28.4	2 inches.
" Wet " . . .	25.4	23.2	77 Hence
Rain gauge C . . .	cleared out		56 rain fall
Wind, force & direction.	9° NW	7° W	0.078 $\frac{1}{2}$ inches
Clouds, amount & kind.	4 Pa Rn fm	0	to the inch of
			snow in all
			0.314 inches.
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		28.0	16.7
" No. 3 .		27.3	16.5
" No. 4 .	24.5	27.7	15.8
			Zodiacal light
			conspicuous about
			7 P. M.; position as
			on Jan. 26



FEBRUARY, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.345	30.308	
Thermometer attached.	27.6	34.6	
" external No. 2.	20.2	33.0	
" " No. 3.	19.6	32.5	
" " No. 4.	19.7	32.8	
" Maximum .	28.0		
" " (Set) .	21.0		
" Minimum .	9.3		
" " (Set) .	19.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	21.3	33.4	73
" Wet " . . .	18.0	28.0	60
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> SW	3 <sup>rd</sup> S	
Clouds, amount & kind.	5 Rs	10 Rs haze	

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		32.6	25.0
" No. 3 .		31.9	24.6
" No. 4 .	10.0	33.0	23.8



FEBRUARY, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.991	29.696	
Thermometer attached.	32.0	35.7	
" external No. 2.	31.8	42.2	
" " No. 3.	30.9	41.2	
" " No. 4.	31.6	41.9	
" Maximum .	33.2		
" (Set) .	31.6		
" Minimum .	18.1		
" (Set) .	30.8		
" Solar max. .			
" (Set) .			
" Dry bulb . .	32.6	42.9	
" Wet " . . .	31.8	41.1	
Rain gauge C . . .	0 $\frac{1}{8}$ inches 0.011 inches		
Wind, force & direction.	0 NW	6 <sup>e</sup> SE	
Clouds, amount & kind.	10 Pm fog	10 Pm raining	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		42.8	
" No. 3 .		42.0	
" No. 4 .	25.8	42.2	



FEBRUARY, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.669	29.749	
Thermometer attached.	35.9	38.0	
" external No. 2.	21.7	20.2	
" " No. 3.	21.3	20.0	
" " No. 4.	21.2	19.8	
" Maximum .	45.0		
" (Set) .	23.6		
" Minimum .	20.8		
" (Set) .	20.8		
" Solar max. .			
" (Set) .			
" Dry bulb . . .	22.5	21.0	55
" Wet " . . . .	17.8	17.0	62
Rain gauge C . . . .	5 $\frac{1}{4}$ inches 0.452 inches		
Wind, force & direction.	12 <sup>°</sup> SW	14 <sup>°</sup> W	
Clouds, amount & kind.	3 P. R.	4 P. Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		23.5	11.1
" No. 3 .		23.6	10.9
" No. 4 .	27.8	23.5	10.1

Slight snow  
squall about  
2  $\frac{1}{2}$  P. M.



FEBRUARY, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.199	30.211	
Thermometer attached.	22.3	30.1	
" external No. 2.	13.0	17.7	
" " No. 3.	12.8	17.0	
" " No. 4.	12.4	17.0	
" Maximum .	25.2		
" " (Set) .	15.8		
" Minimum .	7.2		
" " (Set) .	11.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	14.0	18.3	71
" Wet " . . .	11.0	14.3	59
Rain gauge C . . .	0		
Wind, force & direction.	12° W	10° W	
Clouds, amount & kind.	0	0 Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		18.2	14.0
" No. 3 .		17.8	14.0
" No. 4 .	8.2	17.7	13.0



FEBRUARY, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.069	30.160	
Thermometer attached.	24.8	28.5	
" external No. 2.	23.0	18.7	
" " No. 3.	22.2	18.4	
" " No. 4.	22.3	18.1	
" Maximum .	23.2		
" " (Set) .	23.7		
" Minimum .	9.9		
" " (Set) .	21.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	23.7	19.2	57
" Wet " . . .	19.1	14.5	49
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>th</sup> SW	13 <sup>th</sup> W	
Clouds, amount & kind.	7 Pz Pz Fm	1 Pz Pz Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		22.6	10.0
" No. 3 .		22.1	9.8
" No. 4 .	15.0	22.2	9.0



FEBRUARY, 7 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.399	30.249	
Thermometer attached.	—	18.6	
“ external No. 2.	-1	4.1	
“ “ No. 3.	-1.5	3.9	
“ “ No. 4.	-1.8	3.7	
“ Maximum .	+24.0		
“ “ (Set) .	-2.0		
“ Minimum .	-5.8		
“ “ (Set) .	-2.1 *		* Index seemed to be standing at about -3.0 this afternoon
“ Solar max. .			
“ “ (Set) .			
“ Dry bulb . .	Too Low.		
“ Wet “ . . .			
Rain gauge C . . .	0		
Wind, force & direction.	W. N W H	N Y	
Clouds, amount & kind.	10 Pr	10 Pr,	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		+4	3.5
“ No. 3 .		+4	3.2
“ No. 4 .	-5.5	+4	2.9



FEBRUARY, 8 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.809	29.768	
Thermometer attached.	out of sight estimated 10.0	22.2	
" external No. 2.	5.0	14.5	
" " No. 3.	4.7	14.1	
" " No. 4.	4.7	14.4	
" Maximum .	6.6		
" " (Set) .	6.0		
" Minimum .	-3.0*		* Most likely this minimum belongs to the forenoon of yesterday rather than to last night.
" " (Set) .	4.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	cannot be read	15.2	
" Wet " . . .		12.2	
Rain gauge C . . .	0 1/8 inches 0.011 inches		
Wind, force & direction.	5 <sup>th</sup> NW	1 <sup>st</sup> NW	
Clouds, amount & kind.	10 Pz snowing	10 Pz thin	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		12.7	12.8
" No. 3 .		12.4	12.5
" No. 4 .	0.5'	12.7	11.9



FEBRUARY, 9 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	29.8248 out of sight	29.900 out of sight
Thermometer attached.	estimate 15.7	estimate 15.0
" external No. 2.	1.8	-0.2
" " No. 3.	1.5	-0.8
" " No. 4.	1.1	-1.2
" Maximum .	15.0	
" " (Set) .	4.8	
" Minimum .	-1.9	
" " (Set) .	1.1	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	cannot be read	cannot be read
" Wet " . . .		
Rain gauge C . . .	0	
Wind, force & direction.	11 <sup>e</sup> W	12 <sup>e</sup> NW
Clouds, amount & kind.	9 P. B. thin	5 P.

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		2.2	-4.1
" No. 3 .		2.3	-4.2
" No. 4 .	-1.8	1.9	-5.6



FEBRUARY, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.363	30.407	
Thermometer attached.	out of light estimated 10.0	22.3	
" external No. 2.	4.0	18.2	
" " No. 3.	3.6	17.8	
" " No. 4.	3.1	17.8	
" Maximum .	5.0		
" " (Set) .	5.0		
" Minimum .	-5.5		
" " (Set) .	3.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	cannot be read	18.9	
" Wet " . . . .		14.7	56
Rain gauge C . . . .	0		
Wind, force & direction.	10 <sup>th</sup> NW	4 <sup>th</sup> NW	
Clouds, amount & kind.	0	2 Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		15.0	12.0
" No. 3 .		15.3	11.5
" No. 4 .	-5.0	15.3	10.6



FEBRUARY, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.068	29.604	
Thermometer attached.	22.2	28.0	
" external No. 2.	26.7	37.7	
" " No. 3.	26.0	36.7	
" " No. 4.	26.4	37.4	
" Maximum .	26.3		
" " (Set) .	26.0		
" Minimum .	3.0		17
" " (Set) .	25.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	27.5	38.8	94
" Wet " . . .	25.5	36.8	95
Rain gauge C . . .	0 $\frac{1}{8}$ inches	2 $\frac{1}{8}$ ounces 0.188 inches	
Wind, force & direction.	6 <sup>e</sup> SE	15 <sup>e</sup> S	
Clouds, amount & kind.	10 P <sup>2</sup> moving	10 P <sup>m</sup> raining	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		34.0	38.0
" No. 3 .		33.6	37.6
" No. 4 .	20.0	33.8	37.

FEBRUARY, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.883	29.906	
Thermometer attached.	23.8	27.3	
" external No. 2.	10.5	12.2	
" " No. 3.	10.2	12.0	
" " No. 4.	9.8	11.7	
" Maximum .	40.6		
" " (Set) .	13.0		
" Minimum .	7.1		
" " (Set) .	9.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	under fastening	13.0	
" Wet " . . . .	8.4	9.5	60
Rain gauge C . . .	$\times 5\frac{1}{2}$ ounces 0.485 inches		* Feb. 11, 4 P. M. 0.188 inches 12, 10 A. M. 0.485 "
Wind, force & direction.	10 <sup>th</sup> S W	10 <sup>th</sup> W	Total 0.673 "
Clouds, amount & kind.	9 Fm	4 P <sup>th</sup> Fm M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		13.9	
" No. 3 .		13.16	
" No. 4 .	7.0	13.4	5.2

9 P. M. Ther.  
Read by J. F. M.



FEBRUARY, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.059	29.957	
Thermometer attached.	21.8	127.4	
" external No. 2.	10.0	18.1	
" " No. 3.	9.7	17.8	
" " No. 4.	9.3	17.8	
" Maximum .	14.1		
" " (Set) .	11.1		
" Minimum .	3.0		
" " (Set) .	9.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	under fastening	19.0	
" Wet " . . .	8.0	14.3	49
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>e</sup> W	7 <sup>e</sup> W	
Clouds, amount & kind.	0 Rs	5 Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		17.2	12.2
" No. 3 .		16.8	12.0
" No. 4 .	6.3	16.7	11.4

FEBRUARY, 14 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.877	29.791	
Thermometer attached.	21.5	25.8	
" external No. 2.	13.0	14.0	
" " No. 3.	12.4	13.6	
" " No. 4.	12.3	13.5	
" Maximum .	18.0		
" " (Set) .	16.0		
" Minimum .	7.4		
" " (Set) .	12.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	14.0	14.8	69
" Wet " . . .	10.9	12.0	76
Rain gauge C . . .	0	0	
Wind, force & direction.	2 S.W.	W.	
Clouds, amount & kind.	R. S.		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		15.3	5.9
" No. 3 .		14.8	5.0
" No. 4 .	x	14.7	4.3

x - 1 apparently  
written by  
mistake  
Feb. 15 and  
then rubbed out



FEBRUARY, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.858 out of sight estimated 15.0	29.837 21.1	7 a.m. Ther.
Thermometer attached.			Read by
" external No. 2.	5.2	12.3	Geo. L. H.
" " No. 3.	5.0	12.1	
" " No. 4.	4.6	12.0	
" Maximum .	18.4		
" " (Set) .	7.0		
" Minimum .	3.0		
" " (Set) .	4.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	6.0	13.0	
" Wet " . . .	cannot be read	9.4	58
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>th</sup> W	14 <sup>th</sup> W	
Clouds, amount & kind.	1 R	9 R thin	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		12.2	+8.2
" No. 3 .		11.8	+8.0
" No. 4 .	-1	11.8	+7.3

FEBRUARY, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.112	30.039	
Thermometer attached.	17.0	23.7	
" external No. 2.	10.2	18.9	
" " No. 3.	9.8	18.5	
" " No. 4.	9.7	18.7	
" Maximum .	12.6		
" (Set) .	11.2		
" Minimum .	0.4		
" (Set) .	9.2		
" Solar max. .			
" (Set) .			
" Dry bulb . . . . .	<i>under fastening</i> 8.4	19.7	
" Wet " . . . . .		15.7	61
Rain gauge C . . . . .	0		
Wind, force & direction.	7 <sup>2</sup> W	6 <sup>2</sup> W	
Clouds, amount & kind.	8 R <sup>1</sup> Fm P <sup>2</sup>	9 R <sup>1</sup> R <sup>2</sup>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		19.4	14.0
" No. 3 .		18.7	13.9
" No. 4 .		19.2	13.4



FEBRUARY, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.952	29.728	
Thermometer attached.	19.0	23.2	
" external No. 2.	16.9	27.7	
" " No. 3.	16.3	27.1	
" " No. 4.	16.6	27.4	
" Maximum .	19.6		
" " (Set) .	18.0		
" Minimum .	4.0		
" " (Set) .	16.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	18.0	28.3	75
" Wet " . . .	15.0	24.2	69
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>rd</sup> SW	6 <sup>th</sup> SW	
Clouds, amount & kind.	10 Pz	2 M Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		25.4	13.0
" No. 3 .		24.7	12.6
" No. 4 .		25.1	11.7
			Read at 11.45 P.M.
			A. J. S.

FEBRUARY, 18 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	30.118	30.148
Thermometer attached.	18.5	24.9
" external No. 2.	11.4	16.0
" " No. 3.	11.1	15.7
" " No. 4.	11.0	15.6
" Maximum .	27.5	
" " (Set) .	12.4	
" Minimum .	5.1	
" " (Set) .	10.3	
" Solar max. .		
" " (Set) .		
" Dry bulb . . .	12.0	16.8
" Wet " . . . .	9.3	13.0
Rain gauge C . . .	0	
Wind, force & direction.	6 <sup>e</sup> NW	5 <sup>e</sup> NW
Clouds, amount & kind.	0 Fm	0

75  
87

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		15.1	10.8
" No. 3 .		15.0	10.2
" No. 4 .		14.7	9.4



FEBRUARY, 19 1875.

	10 A. M.	4 P. M.
Barometer . . . . .		29.898 24.8
Thermometer attached.		
“ external No. 2.		29.7
“ “ No. 3.		29.0
“ “ No. 4.		29.5
“ Maximum .		31.0
“ “ (Set) .		29.3
“ Minimum .		3.3
“ “ (Set) .		28.9
“ Solar max. .		
“ “ (Set) .		
“ Dry bulb . .		30.0
“ Wet “ . . .		27.6
Rain gauge C . . .		
Wind, force & direction.		3 <sup>e</sup> SE
Clouds, amount & kind.		10 P <sub>2</sub> moving
	7 A. M.	2 P. M.
Thermometer No. 2 .		31.0
“ No. 3 .		30.6
“ No. 4 .	7.8	31.1

A little snow  
after 2 P.M.

89

FEBRUARY, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.535 28.6	29.288 30.8	
Thermometer attached.			
" external No. 2.	33.4	35.5	
" " No. 3.	32.7	34.9	
" " No. 4.	33.3	35.1	
" Maximum .	32.9		
" " (Set) .	32.4		
" Minimum .	26.0		
" " (Set) .	32.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	34.1	36.2	98
" Wet " . . . .	32.4	34.8	
Rain gauge C . . .	0 $\frac{1}{2}$ inches 0.044 inches		
Wind, force & direction.	0 calm	1 <sup>c</sup> E	
Clouds, amount & kind.	10 Pm fog	10 Pm raining	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		35.8	34.0
" No. 3 .		35.0	33.5
" No. 4 .	31.2	35.3	33.4



FEBRUARY, 21 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	29.683	29.863
Thermometer attached.	29.8	34.9
" external No. 2.	27.8	28.8
" " No. 3.	27.0	28.3
" " No. 4.	27.1	28.4
" Maximum .	35.5	
" " (Set) .	28.7	
" Minimum .	9.4	
" " (Set) .	23.3	
" Solar max. .		
" " (Set) .		
" Dry bulb . . .	28.8	29.2
" Wet " . . . .	24.0	23.3
Rain gauge C . . .	1 lb 3 1/2 oz #	0
Wind, force & direction.	8 W S W	9 S. W.
Clouds, amount & kind.	3 F. M.	7 M. F. M.

# is water  
1 lb 3 1/2 oz +  
weight of  
Bottle.  
Bottle 15 3/8 ounces  
Water 4 1/8 "  
0.364 inches

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		29.9	22.0
" No. 3 .		29.3	21.4
" No. 4 .	23.5	29.5	21.0

FEBRUARY, 22 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .			
Thermometer attached.			
" external No. 2.			
" " No. 3.			
" " No. 4.			
" Maximum .			
" " (Set) .			
" Minimum .			
" " (Set) .			
" Solar max. .			
" " (Set) .			
" Dry bulb . .			
" Wet " . . .			
Rain gauge C . . . .			
Wind, force & direction.			
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			32.2
" No. 3 .			31.3
" No. 4 .	12.5		31.4

9 P. M. Read  
at 11.35



FEBRUARY, 23 1875.

N. J. S.

	10 A. M.	4 P. M.
Barometer . . . . .	30.059	30.044
Thermometer attached.	34.0	40.0
" external No. 2.	45.5	50.2
" " No. 3.	44.3	49.8
" " No. 4.	44.7	49.9
" Maximum .	44.6	
" " (Set) .	41.5	
" Minimum .	12.5	
" " (Set) .	44.5	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	46.0	50.7
" Wet " . . .	39.5	42.3
Rain gauge C . . .	0	0
Wind, force & direction.	S.S. W	S. W.
Clouds, amount & kind.		
	7 A. M.	2 P. M.
Thermometer No. 2 .		40.9
" No. 3 .		39.9
" No. 4 .	36.3	39.8

FEBRUARY, 24 1875.

N. Y. L.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.831	29.767	
Thermometer attached.	41.0	43.9	
" external No. 2.	48.1	52.2	
" " No. 3.	47.5	51.5	
" " No. 4.	48.4	52.0	
" Maximum .	50.6		
" " (Set) .	44.0		
" Minimum .	36.8		
" " (Set) .	47.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	49.5	53.0	
" Wet " . . . .	48.0	50.0	
Rain gauge C . . .	16 g.*	# 15 3/8 oz.*	16 oz. + weight of Bottle,
Wind, force & direction.	S.S.E.	S.W.	Water 0 5/8 ounces 0.055 inches
Clouds, amount & kind.			# 15 3/8 oz + weight of Bottle
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			43.0
" No. 3 .			42.2
" No. 4 .	41.0		42.2

weight of Bottle  
Water 0.000



FEBRUARY, 25<sup>th</sup> 1875.

N. J. S.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.711	29.459	
Thermometer attached.	41.5	43.0	
" external No. 2.	42.3	42.3	
" " No. 3.	41.8	41.5	
" " No. 4.	42.4	42.0	
" Maximum .	53.2		
" " (Set) .	42.0		
" Minimum .	37.8		
" " (Set) .	41.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	43.0	43.0	
" Wet " . . . .	41.3	41.0	
Rain gauge C . . . .	15 1/2 oz #	15 3/4 oz #	15 1/2 oz + weight of Bottle.
Wind, force & direction.	S.S.W	E	Water 0 1/8 ounces 0.011 inches
Clouds, amount & kind.			# 15 3/4 oz + weight of Bottle.
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		43.4	44.3
" No. 3 .		42.9	43.4
" No. 4 .	39.5	43.0	43.4

Water 0 3/8 ounces  
0.033 inches

FEBRUARY, 26 1875.

*N.Y.S.*

	10 A. M.	4 P. M.
Barometer . . . . .	29.711	29.747
Thermometer attached.	37.0	39.0
" external No. 2.	34.5	30.2
" " No. 3.	33.7	29.8
" " No. 4.	33.6	29.8
" Maximum .	46.6	
" " (Set) .	35.9	
" Minimum .	29.2	
" " (Set) .	33.5	
" Solar max. .		
" " (Set) .		
" Dry bulb . . .	34.9	31.0
" Wet " . . . .	29.0	25.3
Rain gauge C . . . .	# 1 lb 11 1/8 oz	
Wind, force & direction.	S. W.	20' W
Clouds, amount & kind.		5 Pm 7m M

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		33.8	25.6
" No. 3 .		33.1	24.8
" No. 4 .	30.3	33.3	24.4

*Aurora  
about 7 P.M.*

*54  
# + weight of  
Bottle*

*Total 27 1/8 ounces  
Bottle 15 3/8 "  
Water 11 3/4 "  
1.004 inches Feb. 26  
0.033 " Feb. 25, 4 P.M.  
1.037 " in all*

*991<sup>3</sup>*



FEBRUARY, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.817	29.578	
Thermometer attached.	31.1	31.8	
" external No. 2.	20.8	20.0	
" " No. 3.	20.5	19.4	
" " No. 4.	21.0	19.6	
" Maximum .	36.6		
" " (Set) .	22.1		
" Minimum .	19.8		
" " (Set) .	20.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . . . .	21.2	20.7	7.3
" Wet " . . . . .	19.3	19.2	1.00
Rain gauge C . . . . .	0 $\frac{1}{4}$ inches 0.02 inches		
Wind, force & direction.	2 <sup>c</sup> NW	7 <sup>c</sup> N	
Clouds, amount & kind.	10 P. snowing	10 P. snowing	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		20.9	18.0
" No. 3 .		20.5	17.5
" No. 4 .	20.8	21.2	17.0

FEBRUARY, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.863	30.005	Depth of Snow 3 1/2 in. [This measure confirmed March 1. 40 inches in cylinder 1 7/8 inches across weigh 2 1/2 ounces. Hence rainfall 0.141 inches to the inch of snow in all 0.494 inches]
Thermometer attached.	22.5-	20.6	
" external No. 2.	11.4	12.0	
" " No. 3.	10.6	10.8	
" " No. 4.	10.5-	11.4	
" Maximum .	22.3		
" " (Set) .	18.4		
" Minimum .	6.7		
" " (Set) .	10.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	13.5?	#	# Too low to read.
" Wet " . . .	11.0?	#	
Rain gauge C . . .			
Wind, force & direction.	S.W.	W.	
Clouds, amount & kind.			

	7 A. M.	2 P. M.	9 P. M.	
Thermometer No. 2 .		12.4	8.8	Aurora at 8 1/2 P.M., Zodiacal light perceptible at 8 1/2 P.M.
" No. 3 .		11.4	8.0	
" No. 4 .	7.0	11.6	7.5-	



MARCH, 1 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	30.394	30.207
Thermometer attached.	18.6	23.3
" external No. 2.	10.0	12.3
" " No. 3.	9.8	11.9
" " No. 4.	10.8	12.1
" Maximum .	19.9	
" " (Set) .	12.1	
" Minimum .	2.0	
" " (Set) .	9.2	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	under fastening	13.0
" Wet " . . .	8.5	12.0
Rain gauge C . . .	13 1/4 ounces & 0.121 inches	
Wind, force & direction.	0 calm	2° NE
Clouds, amount & kind.	10 Pz	10 Pz. snowing

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		13.8	25.0
" No. 3 .		13.0	24.0
" No. 4 .	3.5	13.1	24.2

\* Yesterday's  
snow;  
see snow  
measures.

Began  
snowing  
about  
noon.



MARCH, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.704	29.871	
Thermometer attached.	26.7	32.6	
" external No. 2.	23.2	32.1	8 $\frac{1}{4}$ 10
" " No. 3.	22.6	31.6	7 $\frac{3}{4}$ 8 $\frac{1}{4}$
" " No. 4.	23.2	31.5	7 $\frac{3}{4}$ 7 $\frac{1}{4}$
" Maximum .	30.1		8 8
" " (Set) .	24.0		8 $\frac{3}{4}$ 7 $\frac{3}{4}$
" Minimum .	8.6		8.17
" " (Set) .	22.2		11 4 $\frac{1}{2}$
" Solar max. .			At 10 A.M. new snow
" " (Set) .			8.2 inches by mean of
" Dry bulb . .	24.0	32.1	10 measures ranging from
" Wet " . . .	22.2	28.8	7 $\frac{1}{4}$ to 10 inches. 11 inches
Rain gauge C . . .	in snow measures		in cylinder 1 $\frac{1}{2}$ inches across
Wind, force & direction.	2 <sup>nd</sup> NW	5 <sup>th</sup> E	weigh 4 $\frac{1}{2}$ ounces (sheet forming
Clouds, amount & kind.	10 Pr	10 Pr	a heavy crust). Hence
			rainfall 0.235 inches to the
			inch of snow; in all 1.930 inches.
			Gauge C cleared out.
			96
			81
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		31.8	29.3
" No. 3 .		31.2	28.5
" No. 4 .	16.5	32.2	28.4



MARCH, 3 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	30.316	30.160
Thermometer attached.	31.0	31.0
" external No. 2.	21.2	26.0
" " No. 3.	20.7	25.2
" " No. 4.	21.2	25.4
" Maximum .	32.8	
" (Set) .	22.2	
" Minimum .	15.7	
" (Set) .	20.4	
" Solar max. .		
" (Set) .		
" Dry bulb . .	22.1	26.6
" Wet " . . .	18.9	23.7
Rain gauge C . . .	0	
Wind, force & direction.	3° SE	9° E
Clouds, amount & kind.	10 R	10 R

Snow  
beginning  
about  
4 1/2 P.M.

75  
82

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		26.1	
" No. 3 .		25.5	
" No. 4 .	15.7	25.7	

MARCH, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.051	30.250	
Thermometer attached.	25.5	29.6	
" external No. 2.	15.2	22.2	At 10 $\frac{1}{2}$ A.M.
" " No. 3.	14.8	21.4	snow measures
" " No. 4.	14.9	22.0	7 $\frac{1}{2}$
" Maximum .	26.9		5
" " (Set) .	16.0		4
" Minimum .	13.3		7 $\frac{1}{2}$
" " (Set) .	14.1		7 $\frac{1}{2}$
" Solar max. .			5 $\frac{1}{2}$
" " (Set) .			4 $\frac{1}{2}$
" Dry bulb . .	16.2	23.0	mean 4.9
" Wet " . . .	14.8	20.0	inches
Rain gauge C . . .	see snow measure		10 $\frac{1}{2}$ inches
Wind, force & direction.	14° N	6° NE	in cylinder
Clouds, amount & kind.	10 P. snowing	10 P. snowing	1 $\frac{1}{8}$ inches
			across weigh
			2 $\frac{1}{2}$ ounces
			Heavy rainfall
			0.149 inches to
			the inch of
			snow; in all
			0.732 inches
			Some stopped
			about 5 P.M.; clear
			at times later.
Thermometer No. 2 .		21.6	19.0
" No. 3 .		20.3	18.7
" No. 4 .	14.3	21.4	18.6
			Gauge C cleared
			out about 7 P.M.



MARCH, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.356	30.317	
Thermometer attached.	22.9	31.2	* Amount of snow fallen yesterday since 10 A. M. not determinable, but small; perhaps 0.1 inches. In that case, rainfall say 0.015 inches.
" external No. 2.	24.7	33.0	
" " No. 3.	23.5	31.9	
" " No. 4.	24.7	32.4	
" Maximum .	24.6		
" " (Set) .	25.0		
" Minimum .	12.0		
" " (Set) .	23.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	25.7	33.4	74
" Wet " . . .	22.2	29.0	70
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>2</sup> N	5 <sup>2</sup> E	
Clouds, amount & kind.	10 R	10 R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		33.3	29.9
" No. 3 .		31.4	29.0
" No. 4 .	12.2	32.7	29.4

MARCH, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.984 37.9	29.880 36.0	
Thermometer attached.			
" external No. 2.	31.4	36.8	
" " No. 3.	30.6	36.2	
" " No. 4.	31.7	36.7	
" Maximum .	33.8		
" " (Set) .	31.4		
" Minimum .	23.6		
" " (Set) .	30.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	32.3	37.0	90
" Wet " . . . .	29.9	33.7	82
Rain gauge C . . . .	0 1/2 inches 0.1044 inches		
Wind, force & direction.	0° NW	0° E	
Clouds, amount & kind.	10 P murus	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		38.7	32.7
" No. 3 .		37.5	31.9
" No. 4 .	27.0	38.4	32.1



MARCH, 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.955	29.900	4. P. M.
Thermometer attached.	34.9	38.2	Read at
" external No. 2.	36.9	36.3	4:30
" " No. 3.	33.5	35.4	
" " No. 4.	37.0	35.6	
" Maximum .	38.7		Snow
" " (Set) .	37.0		beginning
" Minimum .	26.7		about 5 P.M.
" " (Set) .	36.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	37.6	36.5	67
" Wet " . . .	32.7	32.4	74
Rain gauge C . . .	0		
Wind, force & direction.	1 W. S. W.	4 S. W.	
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		40.6	33.6
" No. 3 .		40.0	32.9
" No. 4 .	27.3	40.4	33.0

MARCH, 8 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.670 34.2	29.885 37.5	Snow held up about 9½ A. M. At 10 A. M. 10 measures 6 ½ mean depth 5 ½ of new 5 3 snow 3 4 ¾ 5, 2 inches 3 ½ 10 inches in 5 ½ cylinder 1 ¼ 6 inches across 78 5 ½ 5 ¼ 1 2 4 5 ½ ounces. 5 Hence rainfall 5 0.141 inches to the inch of snow; in all 0.734 inches. Gauge C cleared out.
Thermometer attached.			
" external No. 2.	30.0	36.0	
" " No. 3.	28.7	35.0	
" " No. 4.	29.0	35.3	
" Maximum .	40.8 30.1		
" " (Set) .			
" Minimum .	26.5		
" " (Set) .	28.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . . . . .	31.0	36.6	Gauge C cleared out.
" Wet " . . . . .	27.5 Ice snow measures	29.9	
Rain gauge - C . . . . .	16° NE	7° N	
Wind, force & direction.	10 Rm	0 Rm	
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		34.7	28.0
" No. 3 .		32.9	28.0
" No. 4 .	27.5	34.0	27.9



MARCH, 9 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.138	30.090	
Thermometer attached.	33.0	39.9	
" external No. 2.	36.3	38.4	
" " No. 3.	32.7	37.8	
" " No. 4.	36.0	38.5	
" Maximum .	36.0		
" " (Set) .	36.0		
" Minimum .	20.5		
" " (Set) .	35.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	37.2	38.8	63
" Wet " . . .	31.8	33.3	62
Rain gauge - C . . .			
Wind, force & direction.	5 <sup>0</sup> SE	0 S	
Clouds, amount & kind.	8 P <sub>2</sub> ym R <sub>0</sub>	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		40.2	33.7
" No. 3 .		39.8	33.0
" No. 4 .	24.3	41.0	33.0

MARCH, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.894	29.792	* Inside of case wet
Thermometer attached.	35.8	37.5	
" external No. 2.	38.0	38.0	
" " No. 3.	* 33.2	37.2	A little more
" " No. 4.	38.3	37.7	between 10 A.M.
" Maximum .	40.5		and 1 P.M.
" " (Set) .	38.0		
" Minimum .	26.2		
" " (Set) .	37.1		
" Solar max. .			
" " (Set) .			
" Dry bulb .	38.8	38.8	69
" Wet " .	34.0	35.5	81/2
Rain gauge C .	0		
Wind, force & direction.	4 <sup>th</sup> S E	4 <sup>th</sup> S E	
Clouds, amount & kind.	10 Pm	10 Pm a little rain	
	7 A. M.	2 P. M.	9 P. M. x
Thermometer No. 2 .		39.4	35.0
" No. 3 .		39.1	34.7
" No. 4 .	28.0	39.5	34.8

9 45 P.M.



MARCH, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.930	29.999	
Thermometer attached.	32.7	40.8	
" external No. 2.	34.0	39.1	
" " No. 3.	32.6	38.2	
" " No. 4.	33.4	38.7	
" Maximum .	40.4		
" " (Set) .	33.8		
" Minimum .	24.5		
" " (Set) .	33.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	34.8	39.7	61
" Wet " . . .	29.3	32.2	45
Rain gauge C . . .	0 $\frac{3}{8}$ inches 0.375 inches		
Wind, force & direction.	5 <sup>e</sup> W	5 <sup>e</sup> W	
Clouds, amount & kind.	0	0 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		39.0	30.8
" No. 3 .		38.0	31.4
" No. 4 .	25.4	38.5	30.3

MARCH, 12 1875.

	10 A. M.	4 P. M.	
Barometer	29.838	29.908	
Thermometer attached.	37.4	44.7	
" external No. 2.	43.6	45.5	
" " No. 3.	42.4	44.5	
" " No. 4.	43.0	45.0	
" Maximum	43.0		
" " (Set)	42.7		
" Minimum	29.6		
" " (Set)	42.5		
" Solar max.			
" " (Set)			
" Dry bulb	44.2	45.9	70
" Wet "	39.1	37.7	48
Rain gauge C	0 1/8 inches 0.11 inches		
Wind, force & direction.	3 <sup>e</sup> SW	7 <sup>e</sup> NW	
Clouds, amount & kind.	0 haze	1 Pm Fm haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2		48.0	
" No. 3		46.9	
" No. 4	35.3	47.6	



MARCH, 13 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	30.050	29.945
Thermometer attached.	37.3	40.3
" external No. 2.	33.4	35.0
" " No. 3.	32.8	34.4
" " No. 4.	33.9	34.5
" Maximum .	48.0	
" " (Set) .	33.8	
" Minimum .	26.3	
" " (Set) .	32.2	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	34.4	35.7
" Wet " . . .	30.0	32.1
Rain gauge C . . .	0	
Wind, force & direction.	0° W	2° E
Clouds, amount & kind.	10 P	10 Pm

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		36.9	32.4
" No. 3 .		36.0	32.0
" No. 4 .	27.8	36.1	32.3

71  
78

MARCH, 14 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.120	30.100	Carefully read
Thermometer attached.	36.1	43.0	
" external No. 2.	35.8 x	41.8	
" " No. 3.	32.6	40.4	
" " No. 4.	34.9	40.8	
" Maximum .	38.3		
" " (Set) .	31.0		
" Minimum .	25.1		
" " (Set) .	34.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	36.4	42.0	74
" Wet " . . . .	32.3	36.8	66
Rain gauge C . . .	0		
Wind, force & direction.	W N W 1	E, S E 3	17 Cirrus Cirro Stratus
Clouds, amount & kind.	0		
	7 A. M.	2 P. M. X	9 P. M. X
Thermometer No. 2 .		43.5	32.8
" No. 3 .		42.6	31.7
" No. 4 .	25.2	43.3	31.7

2,35  
9.35



MARCH, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.959	29.836	
Thermometer attached.	39.4	40.0	
" external No. 2.	35.5	36.4	
" " No. 3.	34.8	35.6	
" " No. 4.	35.0	36.0	
" Maximum .	43.5		
" (Set) .	35.2		
" Minimum .	33.4		
" (Set) .	34.7		
" Solar max. .			
" (Set) .			
" Dry bulb . .	36.1	37.1	100
" Wet " . . .	34.6	35.5	99
Rain gauge C . . .	4 mm 0.353 inches		
Wind, force & direction.	1 <sup>2</sup> NE	4 <sup>2</sup> E	
Clouds, amount & kind.	10 Pm raining	10 Pm raining	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		36.6	36.3
" No. 3 .		35.8	35.6
" No. 4 .	33.5	36.1	35.9

MARCH, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.639	29.555	31 $\frac{3}{4}$
Thermometer attached.	38.3	41.0	
" external No. 2.	36.9	38.0	
" " No. 3.	36.3	37.2	
" " No. 4.	36.5	38.3	
" Maximum .	36.4		
" " (Set) .	36.4		
" Minimum .	33.3		
" " (Set) .	36.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	38.0	39.2	90
" Wet " . . . .	35.4	36.0	84
Rain gauge C . . .	31 $\frac{3}{4}$ inches 2.802 inches		
Wind, force & direction.	2 <sup>c</sup> N	4 <sup>c</sup> NE	
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		38.9	35.2
" No. 3 .		38.1	34.8
" No. 4 .	39.5	38.5	35.0



MARCH, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.490	29.508	
Thermometer attached.	39.4	43.6	
" external No. 2.	40.8	34.0	
" " No. 3.	39.5	33.7	
" " No. 4.	40.0	34.0	
" Maximum .	40.1		
" " (Set) .	40.1		
" Minimum .	31.0		
" " (Set) .	39.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	41.4	34.6	37
" Wet " . . .	32.8	28.7	57
Rain gauge C . . .	0 1/2 inches 0.044 inches		
Wind, force & direction.	6 <sup>th</sup> W	17 <sup>th</sup> W	
Clouds, amount & kind.	3 P <sup>th</sup> fm	10 P <sup>th</sup> m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		38.1	
" No. 3 .		37.2	
" No. 4 .	31.0	37.8	

MARCH, 18 1875.

	10 A. M.	4 P. M.	At 8 A.M.
Barometer . . . .	29.817	29.829	Dry 15.8 Wet 14.5
Thermometer attached.	25.4	30.3	Nat 4 14.3
" external No. 2.	15.3	21.9	
" " No. 3.	14.8	20.9	
" " No. 4.	14.8	21.0	
" Maximum .	40.2		
" (Set) .	17.6		
" Minimum .	13.1		
" (Set) .	14.1		
" Solar max. .			
" (Set) .			
Dry bulb . . .	16.0	22.5	55
" Wet " . . .	12.0	18.0	57
Rain gauge C . . .	0		
Wind, force & direction.	25 <sup>e</sup> W	25 <sup>e</sup> W	
Clouds, amount & kind.	2 R 7m	0 R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		19.0	17.6
" No. 3 .		18.0	17.3
" No. 4 .	13.3	18.1	17.0



MARCH, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.076	30.084	
Thermometer attached.	25.2	33.1	
" external No. 2.	23.0	29.8	
" " No. 3.	22.4	29.0	
" " No. 4.	22.7	29.2	
" Maximum .	23.3		
" " (Set) .	23.8		
" Minimum .	14.1		
" " (Set) .	21.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	23.7	30.2	44
" Wet " . . . .	18.1	23.4	41
Rain gauge C . . .	0		
Wind, force & direction.	10 <sup>~</sup> NW	10 <sup>°</sup> NW	
Clouds, amount & kind.	9 P <sub>2</sub> P <sub>3</sub> thin	0 P <sub>0</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		29.8	23.7
" No. 3 .		28.8	22.2
" No. 4 .	15.5	29.0	22.8



MARCH, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.920	29.697	At 10 A.M.
Thermometer attached.	28.7	29.7	snow $3\frac{1}{2}$ inches
" external No. 2.	19.1	22.6	deep: 10 inches
" " No. 3.	18.4	21.9	in cylinder $1\frac{7}{8}$
" " No. 4.	18.8	22.1	inches across
" Maximum .	29.7		weigh $1\frac{3}{4}$ ounces
" (Set) .	20.6		Hence rainfall
" Minimum .	14.5		0.1098 inches to
" (Set) .	18.1		the inch of snow
" Solar max. .			in all 0.384 inches
" (Set) .			
" Dry bulb . .	20.0	23.2	At 4 P.M. snow
" Wet " . . .	18.6	21.5	4.9 inches deep by
Rain gauge C . . .	$1\frac{1}{2}$ ounces 0.132 inches See snow gauge		mean of 10 snowmeters
Wind, force & direction.	10° NE	20° N	10 inches in cylinder
Clouds, amount & kind.	10 Pz snowing	10 Pz snowing	$1\frac{1}{8}$ inches across
			weigh $3\frac{1}{4}$ ounces.
			Hence rainfall
			0.204 inches to the
			inch of snow
			in all 1.000 inches
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		20.0	17.3
" No. 3 .		19.2	16.7
" No. 4 .	15.2	19.7	16.7

Since 10 A.M. 0.616 inches  
Gauge C cleared  
out at 4 P.M.



MARCH, 21 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.861	29.858	Depth of
Thermometer attached.	27.2	32.9	Snow, Mean
" external No. 2.	24.6	22.0	45/8 in.
" " No. 3.	24.5	21.4	
" " No. 4.	25.4	21.5	
" Maximum .	25.2		
" (Set) .	25.2		
" Minimum .	15.6		
" (Set) .	23.8		
" Solar max. .			
" (Set) .			
" Dry bulb . .	25.0	27.3	60
" Wet " . . .	20.5	20.6	37
Rain gauge C . . .			
Wind, force & direction.	2 N. W.	5 N. W.	
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			12.0
" No. 3 .			11.7
" No. 4 .	18.7		11.4

MARCH, 22 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.997	30.000	At 8 $\frac{1}{2}$ A.M., Dry 14.2 Wet 13.0
Thermometer attached.	24.5	30.6	Mo. 4 13.0
" external No. 2.	17.8	23.0	
" " No. 3.	17.0	22.3	
" " No. 4.	17.3	22.5	
" Maximum .	27.6		* No rainfall
" (Set) .	18.7		for past 24 hours.
" Minimum .	6.2		This belongs to
" (Set) .	16.6		the time between
" Solar max. .			4 P.M. March 20 &
" (Set) .			10 A.M. March 21.
" Dry bulb . .	18.4	23.6	See snow machines
" Wet " . . .	14.1	18.4	March 20.
Rain gauge C . . .	0 $\frac{3}{4}$ inches X 0.056 inches		54
Wind, force & direction.	8° NW	7° NW	49
Clouds, amount & kind.	0	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		22.1	16.4
" No. 3 .		21.8	16.0
" No. 4 .	7.0	22.0	16.1



MARCH, <sup>L3</sup>1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.280	30.294	At 8 1/2 m.
Thermometer attached.	22.2	31.7	Day 15TH
" external No. 2.	20.1	28.7	Wet 16.0
" " No. 3.	19.8	27.9	No. 4 14.0
" " No. 4.	20.0	27.9	
" Maximum .	23.0		
" " (Set) .	20.8		
" Minimum .	7.1		
" " (Set) .	19.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	21.0	28.7	47
" Wet " . . .	16.0	22.6	46
Rain gauge C . . .	0		
Wind, force & direction.	7 <sup>th</sup> NW	5 <sup>th</sup> SE	
Clouds, amount & kind.	0	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		26.0	17.9
" No. 3 .		25.3	17.4
" No. 4 .	8.7	25.9	16.9

MARCH, 24 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.204	30.010	
Thermometer attached.	25.6	30.4	
" external No. 2.	32.4	32.7	
" " No. 3.	31.6	32.0	
" " No. 4.	32.4	32.4	
" Maximum .	32.0		
" " (Set) .	31.7		
" Minimum .	9.1		
" " (Set) .	31.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	33.2	33.3	62
" Wet " . . .	28.0	30.4	88
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>e</sup> SE	6 <sup>e</sup> SE	
Clouds, amount & kind.	10 R R <sub>m</sub>	10 R <sub>m</sub> snowing	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		33.8	33.6
" No. 3 .		33.3	32.3
" No. 4 .	11.0	34.0	32.0

*now  
beginning  
about noon*



MARCH, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.748	29.870	<p>At 10 A.M. New snow appears to be about <math>2\frac{1}{4}</math> inches deep. <math>11\frac{1}{2}</math> inches of this snow in cylinder 27 inches in diameter weigh <math>2\frac{1}{4}</math> ounces Hence, rainfall <math>0.1228</math> inches to the inch of snow in all <math>0.276</math> inches.</p>
Thermometer attached.	32.7	36.0	
" external No. 2.	34.9	34.9	
" " No. 3.	33.9	34.0	
" " No. 4.	34.3	34.3	
" Maximum .	34.6		
" (Set) .	35.0		
" Minimum .	26.6		
" (Set) .	33.9		
" Solar max. .			
" (Set) .			
Dry bulb . . .	35.7	35.4	61
Wet " . . . .	30.1	28.7	50
Rain gauge C . . .	22 mm $0.243$ inches see snow measured		
Wind, force & direction.	16° NW	16° NW	
Clouds, amount & kind.	4 R 7m	3 Pm M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		35.8	30.6
" No. 3 .		35.0	30.0
" No. 4 .	28.5	35.3	30.1

MARCH, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.163	29.968	
Thermometer attached.	30.7	38.2	
" external No. 2.	32.5	37.4	
" " No. 3.	31.8	36.8	
" " No. 4.	32.1	36.8	
" Maximum .	36.9		
" " (Set) .	32.4		
" Minimum .	19.7		
" " (Set) .	31.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	33.2	37.6	53
" Wet " . . . .	27.1	31.0	54
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> W	15 <sup>th</sup> S	
Clouds, amount & kind.	0 Rs	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		40.3	
" No. 3 .		39.7	
" No. 4 .	21.2	40.0	

A little  
rain & snow  
after 4 P. M.



MARCH, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.871	29.803	
Thermometer attached.	37.0	44.7	
" external No. 2.	44.0	47.8	
" " No. 3.	42.9	47.0	
" " No. 4.	43.3	47.4	
" Maximum .	43.4		
" " (Set) .	43.4		
" Minimum .	31.7		
" " (Set) .	43.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	44.8	48.3	56
" Wet " . . .	38.1	37.9	34
Rain gauge C . . .	0.05 inches		
Wind, force & direction.	6 <sup>th</sup> SW	7 <sup>th</sup> W	
Clouds, amount & kind.	0	0	

	7 A. M.	2 P. M.	8 P. M.
Thermometer No. 2 .		49.1	40.8
" No. 3 .		48.6	40.0
" No. 4 .	33.5	48.8	40.0

10 P. M.

MARCH, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.168	30.221	2 P. M. Therm. E
Thermometer attached.	37.0	40.7	Therm. read
" external No. 2.	35.0	39.4	at 2.30
" " No. 3.	34.1	38.6	
" " No. 4.	34.3	38.6	
" Maximum .	48.9		
" " (Set) .	35.0		
" Minimum .	29.0		
" " (Set) .	33.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	35.6	39.8	50
" Wet " . . .	28.2	31.0	4.5
Rain gauge C . . .	0	0	
Wind, force & direction.	10W NW	4W. NW	
Clouds, amount & kind.	0	1 R. Rs	
	7 A. M.	2 P. M.	8 P. M.
Thermometer No. 2 .		38.5	32.9
" No. 3 .		37.8	31.6
" No. 4 .	29.5	37.9	31.3



MARCH, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.394	30.316	
Thermometer attached.	34.5	42.5	
" external No. 2.	35.0	43.8	
" " No. 3.	34.1	42.9	
" " No. 4.	34.6	43.3	
" Maximum .	38.9		
" " (Set) .	35.1		
" Minimum .	23.2		
" " (Set) .	34.2		
" Solar-max. .			
" " (Set) .			
" Dry bulb . .	36.0	44.4	59
" Wet " . . .	30.2	35.6	
Rain gauge C . . .	0		
Wind, force & direction.	0 calm	2 <sup>nd</sup> S	
Clouds, amount & kind.	2 haze	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		42.0	34.6
" No. 3 .		41.1	34.1
" No. 4 .	24.8	41.9	33.8

MARCH, 30 1875.

	10 A. M.	4 P. M.	At 7 <sup>1</sup> / <sub>2</sub> A. M.
Barometer . . . . .	30.365	30.338	Dry 34.0
Thermometer attached.	41.0	46.7	Wet 32.5
" external No. 2.	42.9	44.8	No. 4 32.5
" " No. 3.	41.9	43.7	
" " No. 4.	42.5	43.8	
" Maximum .	43.2		
" " (Set) .	42.3		
" Minimum .	28.5		
" " (Set) .	41.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	43.6	45.1	
" Wet " . . .	35.0	39.2	
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> SW	4 <sup>th</sup> SE	
Clouds, amount & kind.	0. haze	hazy fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		46.0	35.2
" No. 3 .		45.2	34.8
" No. 4 .	29.5	45.2	34.8



MARCH, 31 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.541	30.547	
Thermometer attached.	38.8	45.7	
" external No. 2.	39.0	38.9	
" " No. 3.	38.0	38.0	
" " No. 4.	38.5	37.8	
" Maximum .	46.7		
" " (Set) .	39.0		
" Minimum .	30.0		
" " (Set) .	38.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	39.6	39.0	71
" Wet " . . . .	35.6	34.5	72
Rain gauge C . . . .	0		
Wind, force & direction.	8 <sup>e</sup> NE	7 <sup>e</sup> E	
Clouds, amount & kind.	10 Pm	9 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		40.4	
" No. 3 .		39.2	
" No. 4 .	31.0	39.7	

APRIL, 1 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.398	30.225	
Thermometer attached.	39.5	42.7	
" external No. 2.	40.5	49.4	
" " No. 3.	39.8	48.9	Gauge A emptied
" " No. 4.	40.2	49.4	
" Maximum .	<del>41.0</del> 41.0		
" " (Set) .	40.2		
" Minimum .	32.2		
" " (Set) .	39.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	41.0	50.0	64
" Wet " . . . .	35.7	44.8	71
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> S E	6 <sup>th</sup> S	
Clouds, amount & kind.	10 Pm	10 Pm Br R thin	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		49.6	
" No. 3 .		48.8	
" No. 4 .	34.5	49.6	



APRIL, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.044	30.018	
Thermometer attached.	44.0	50.7	
" external No. 2.	55.4	62.1	
" " No. 3.	54.8	61.8	
" " No. 4.	55.7	62.3	
" Maximum .	54.8		
" " (Set) .	54.0		
" Minimum .	39.7		
" " (Set) .	54.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	56.5	63.1	75
" Wet " . . .	51.3	56.2	67
Rain gauge C . . .	0		
Wind, force & direction.	7 <sup>th</sup> SW	5 <sup>th</sup> SW	
Clouds, amount & kind.	10 Pm Pm thin	10 Pm Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		62.3	51.4
" No. 3 .		61.7	50.5
" No. 4 .	43.5	62.6	50.5

Read  
at 9.30

APRIL, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.946	29.956	
Thermometer attached.	50.0	51.0	
" external No. 2.	52.9	50.0	
" " No. 3.	52.1	49.3	
" " No. 4.	52.6	49.7	
" Maximum .	63.2		
" " (Set) .	51.0		
" Minimum .	49.0		
" " (Set) .	52.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	54.0	50.8	94
" Wet " . . . .	51.8	47.0	82
Rain gauge C . . .	1 3/8 inches 0.121 inches		
Wind, force & direction.	12 S	0 W	
Clouds, amount & kind.	10 Pm a little rain	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		50.6	42.4
" No. 3 .		50.0	41.6
" No. 4 .	49.2	50.6	41.5



APRIL, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.033		
Thermometer attached.	46.4		
" external No. 2.	36.8		
" " No. 3.	36.0		
" " No. 4.	36.5		
" Maximum .	55.0		
" (Set) .	38.2		
" Minimum .	34.9		
" (Set) .	35.8		
" Solar max. .			
" (Set) .			
" Dry bulb . .	37.7		94
" Wet " . . .	35.6		
Rain gauge C . . .	1 lb 4 oz		# 1 lb 4 oz +
Wind, force & direction.	8 N.E.		weight of
Clouds, amount & kind.			bottle.
			Hence water 4.5 forms
			0.408 inches
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			37.7
" No. 3 .			36.9
" No. 4 .	35.0		36.6

APRIL, 5 1875.

58  $\frac{1}{2}$   
165  $\frac{1}{2}$ 

	10 A. M.	4 P. M.	
Barometer . . . . .	29.900	29.972	
Thermometer attached.	39.7	42.2	
" external No. 2.	36.4	50.5	
" " No. 3.	35.5	49.6	
" " No. 4.	35.8	50.2	
" Maximum .	39.0		At 4 P.M. gauge A 224 minus 1.931 inches
" " (Set) .	36.5		
" Minimum .	33.8		
" " (Set) .	35.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	37.1	51.2	99
" Wet " . . . .	35.5	42.0	45
Rain gauge C . . .	20 $\frac{7}{8}$ ounces 1.842 inches		
Wind, force & direction.	13° NW	12° NW	
Clouds, amount & kind.	10 P.m. raining	9 P.m. Pz fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		45.0	
" No. 3 .		43.5	
" No. 4 .	35.3	46.3	



APRIL, 6 1875.

	10 A. M.	4 P. M.	At 8½ A.M.
Barometer . . . . .	30.270	30.241	Dry 37.3 Wet 35.8
Thermometer attached.	39.3	45.0	No. 4 36.1
" external No. 2.	41.3	44.7	
" " No. 3.	<del>40.5</del>	44.0	
" " No. 4.	40.6	44.5	
" Maximum .	50.2		
" " (Set) .	41.0		
" Minimum .	32.1		
" " (Set) .	40.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	42.0	45.3	33
" Wet " . . .	32.9	33.3	18
Rain gauge C . . .	0 <sup>3</sup> / <sub>4</sub> inches 0.066 inches		
Wind, force & direction.	10° NW	10° NW	
Clouds, amount & kind.	2 P. Rs	9 Pm Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		46.9	39.6
" No. 3 .		45.9	38.9
" No. 4 .	33.2	46.4	38.7

APRIL, 7 1875.

	10 A. M.	4 P. M.	7 A. M.
Barometer . . . . .	30.419	30.382	
Thermometer attached.	40.1	45.7	
" external No. 2.	36.6	38.2	
" " No. 3.	35.7	37.7	
" " No. 4.	36.0	37.4	
" Maximum .	46.8	<del>35.5</del>	
" " (Set) .	36.5		
" Minimum .	28.2		
" " (Set) .	35.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	37.0	38.4	38
" Wet " . . . .	28.7	29.9	39
Rain gauge C . . . .	0		
Wind, force & direction.	7 <sup>e</sup> N	6 <sup>e</sup> E	
Clouds, amount & kind.	1 Pa	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		38.9	32.0
" No. 3 .		38.5	31.2
" No. 4 .	30.8	37.8	30.7



APRIL, 8 1875.

	10 A. M.	4 P. M.	At 8 1/2 A. M.
Barometer . . . . .	30.249	30.147	Dry 29.4 Wet 38.0
Thermometer attached.	39.0	43.3	No. 4 37.9
" external No. 2.	46.0	39.0	
" " No. 3.	45.0	38.0	
" " No. 4.	45.9	38.2	
" Maximum .	45.4		
" " (Set) .	45.2		
" Minimum .	26.2		
" " (Set) .	45.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	46.8	39.0	39
" Wet " . . .	37.5	35.8	84
Rain gauge C . . .	0		
Wind, force & direction.	5° SW	0° W	
Clouds, amount & kind.	9 P. R. P. m. haze	10 P. sleet	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		39.0	37.0
" No. 3 .		38.4	36.2
" No. 4 .	29.8	39.0	36.0

APRIL, 9 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.231	30.138	
Thermometer attached.	40.9	46.9	
" external No. 2.	42.0	40.10	
" " No. 3.	40.9	38.8	
" " No. 4.	41.3	38.7	
" Maximum .	47.9		
" " (Set) .	41.9		
" Minimum .	30.5		
" " (Set) .	40.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	42.4	40.0	43
" Wet " . . .	34.4	35.9	74
Rain gauge C . . .	0 to omnes 0.022 inches		
Wind, force & direction.	7 <sup>e</sup> E	6 <sup>e</sup> E	
Clouds, amount & kind.	6 P.Rs haze	10 P.Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		41.4	41.0
" No. 3 .		41.1	39.8
" No. 4 .	33.3	40.6	39.7



APRIL, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.858	29.835	
Thermometer attached.	44.1	50.5	
" external No. 2.	51.8	56.2	
" " No. 3.	50.9	55.6	
" " No. 4.	51.2	56.1	
" Maximum .	51.2		
" " (Set) .	50.0		
" Minimum .	35.2		
" " (Set) .	50.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	52.4	57.0	56
" Wet " . . . .	44.7	42.6	22
Rain gauge C . . .	0		
Wind, force & direction.	5° NW	12° NW	
Clouds, amount & kind.	0 haze fm	6 fm M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		50.6	48.0
" No. 3 .		50.0	47.0
" No. 4 .	37.0	50.4	47.0

*Barometer  
seen  
one evening  
this week.*

APRIL, *W* 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.864		
Thermometer attached.	15.2		
" external No. 2.	55.0		
" " No. 3.	54.3		
" " No. 4.	54.8		
" Maximum .	56.9		
" " (Set) .	53.6		
" Minimum .	37.3		
" " (Set) .	54.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	55.8		53
" Wet " . . . .	43.7		
	0		
Rain gauge C . . .			
Wind, force & direction.	3W		
Clouds, amount & kind.	3M 5m P.		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		58.0	41.0
" No. 3 .		57.2	40.0
" No. 4 .	41.0	57.8	39.5



APRIL, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.138	30.145	
Thermometer attached.	44.0	48.0	
" external No. 2.	40.0	37.1	
" " No. 3.	38.8	36.5	
" " No. 4.	39.2	36.5	
" Maximum .	58.0		
" " (Set) .	40.4		
" Minimum .	32.8		
" " (Set) .	39.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	40.7	37.7	64
" Wet " . . .	35.5	33.0	67
Rain gauge C . . .	0		
Wind, force & direction.	9 <sup>e</sup> E	9 <sup>e</sup> E	
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		39.7	35.0
" No. 3 .		38.7	34.1
" No. 4 .	36.5	38.8	34.0

APRIL, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.879	29.714	
Thermometer attached.	41.7	41.6	
" external No. 2.	36.0	32.2	
" " No. 3.	35.2	31.6	
" " No. 4.	35.4	31.6	
" Maximum .	41.0		
" " (Set) .	36.0		
" Minimum .	33.1		
" " (Set) .	35.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	36.7	32.8	68
" Wet " . . . .	32.0	31.8	100
Rain gauge C . . .	0	3 1/2 ounces 0.309 inches	
Wind, force & direction.	10 <sup>2</sup> NE	13 <sup>0</sup> NE	
Clouds, amount & kind.	10 P. a little snow	10 P. snowing	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		33.2	31.0
" No. 3 .		32.8	30.0
" No. 4 .	34.3	32.7	30.5

Snowstorm  
after 10 A.M.  
At 4 P.M. snow  
about 2 1/2 inches.  
10 1/2 inches in  
cylinder 1 1/2 inches  
across weigh 2 1/2 ounces  
Koenig rain fall 0.127 inches  
to the inch of snow, in all  
0.318 inches.



APRIL, 14 1875.

	10 A. M.	4 P. M.	<p>Snow ceased about 9 A.M. Snow measured after 10 A.M. with results as below; the measures in the left hand column are about the ground west and north of the Observatory, the other 10 in the avenue. General mean of 29 measures 9.8 inches. 22 inches in cylinder, 14 inches across weigh 6 1/2 ounces. Hence rainfall 0.1926 inches to the inch of snow; in all 1.887 inches.</p>	
Barometer . . . . .	29.635	29.757		
Thermometer attached.	36.8	42.4	5	13
" external No. 2.	34.0	43.0	8	12
" " No. 3.	31.9	* 40.7	7 1/2	13 1/2
" " No. 4.	32.6	42.6	12	13 1/2
" Maximum .	36.2		4	13 1/2
" " (Set) .	32.2		8	12
" Minimum .	28.1		9 1/2	9
" " (Set) .	32.3		10 1/2	11 1/2
" Solar max. .			10 1/2	10
" " (Set) .			8 1/2	8
" Dry bulb . . .	35.1	43.8	8.3	11.15
" Wet " . . . .	31.7	36.0	47	22 6 3/4
Rain gauge C . . . .	* 2 1/2 inches 0.188 inches		* Snow measures of yesterday give at 4 P.M. 0.318 inches	
Wind, force & direction.	13° N	6° N	Gauge C 0.309 "	
Clouds, amount & kind.	10 R	17 m R	" " " } 0.188 "	
			10 A.M. } 0.497	
			April 14	
			The total rainfall by the snow measures this morning is 1.887 inches as above.	
			* * Inside of cone damp	
	7 A. M.	2 P. M.	9 P. M.	
Thermometer No. 2 .		41.3		
" No. 3 .		* 38.6		
" No. 4 .	28.5	41.2		



APRIL, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.893	29.816	
Thermometer attached.	39.2	47.4	
" external No. 2.	47.3	52.2	
" " No. 3.	45.9	49.9	
" " No. 4.	47.7	52.1	
" Maximum .	46.8		
" " (Set) .	46.4		
" Minimum .	29.8		
" " (Set) .	46.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	48.2	53.0	53
" Wet " . . . .	40.6	43.4	44
Rain gauge C . . . .	0		
Wind, force & direction.	2 <sup>e</sup> S	4 <sup>e</sup> SW	
Clouds, amount & kind.	10 Pm	6 Pm M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		51.8	40.0
" No. 3 .		50.0	39.0
" No. 4 .		51.6	39.2



APRIL, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.684	29.551	At 8 A.M.
Thermometer attached.	44.0	48.0	Gauge A
" external No. 2.	52.0	52.1	75 $\frac{1}{2}$ ounces
" " No. 3.	50.5	51.4	from snow of
" " No. 4.	52.0	51.8	April 13 & 14.
" Maximum .	52.7		0.651 inches
" (Set) .	50.6		Thunder
" Minimum .	36.0		shown
" (Set) .	51.2		in the
" Solar max. .			evening
" (Set) .			
" Dry bulb . .	53.0	53.0	67
" Wet " . . .	47.0	48.2	76
Rain gauge C . . .	0		
Wind, force & direction.	12 $^{\circ}$ S E	14 $^{\circ}$ S E	
Clouds, amount & kind.	10 Pm fm M	10 Pm raining	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		53.8	48.3
" No. 3 .		53.0	47.8
" No. 4 .	43.0	53.7	47.6

APRIL, 17 1875.

	8 10 A. M.	4 P. M.	
Barometer . . . . .	29.614	29.672	
Thermometer attached.	41.5	46.6	
" external No. 2.	32.6	40.1	
" " No. 3.	31.8	39.0	At 4 P.M.
" " No. 4.	32.2	39.9	Gauge A
" Maximum .	55.7		46 $\frac{3}{4}$ inches
" " (Set) .	32.7		0.403 inches
" Minimum .	30.2		1.66988
" " (Set) .	31.3		7.9357416
" Solar max. .			9.60524
" " (Set) .			
" Dry bulb . . .	33.6	41.0	66
" Wet " . . . .	28.7	31.6	33
Rain gauge C . . .	4 $\frac{3}{8}$ inches 0.386 inches		
Wind, force & direction.	8 <sup>e</sup> W	5 <sup>e</sup> W	
Clouds, amount & kind.	5 Pm B R Pm	10 Pm M 7m R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		41.8	30.4
" No. 3 .		40.8	29.9
" No. 4 .	31.0	41.5	29.7



APRIL, 18. 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.730		
Thermometer attached.	39.0		
" external No. 2.	34.3		
" " No. 3.	33.9		
" " No. 4.	34.7		
" Maximum .	41.5		
" " (Set) .	36.0		
" Minimum .	23.2		
" " (Set) .	33.4		
" Solar max. .			
" " (Set) .			46
" Dry bulb . .	34.8		
" Wet " . . .	27.7		
Rain gauge C . . . .	0		
Wind, force & direction.	1 NE		
Clouds, amount & kind.	10 Pm 7m		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .	26.0		

APRIL, 19 1875.

	8 A. M.	4 P. M.	
Barometer . . . . .	29.626	29.557	
Thermometer attached.	34.8	37.2	
" external No. 2.	26.8	35.0	
" " No. 3.	25.9	34.7	
" " No. 4.	25.9	34.7	
" Maximum .	37.4		
" " (Set) .	27.6		
" Minimum .	20.5		
" " (Set) .	25.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	27.5	35.5	51
" Wet " . . .	22.0	26.7	31
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>e</sup> NW	11 <sup>e</sup> NW	
Clouds, amount & kind.	0	10 Pm M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		34.0	30.5
" No. 3 .		33.7	29.8
" No. 4 .	23.5	33.8	29.5



APRIL, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.527	29.503	At 12 1/2 P.M. Barom. 29.502
Thermometer attached.	30.0	36.7	At 7h. 33.0
" external No. 2.	28.6	35.0	At 2 P.M. Bar 29.496
" " No. 3.	27.7	34.4	At 7h. 34.8
" " No. 4.	27.9	34.5	
" Maximum .	35.5		
" " (Set) .	29.5		
" Minimum .	22.2		
" " (Set) .	27.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	29.1	35.6	50
" Wet " . . . .	23.3	27.1	34
Rain gauge C . . .	0		
Wind, force & direction.	14 <sup>e</sup> NW	20 <sup>e</sup> NW	
Clouds, amount & kind.	0	0 R, 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		33.9	29.4
" No. 3 .		32.9	28.8
" No. 4 .	22.7	33.2	28.5

APRIL, 21 1875.

	10 A. M.	4 P. M.	M. A. OI
Barometer . . . . .	29.697 30.2	29.730 35.0	
Thermometer attached.			
" external No. 2.	26.4	36.7	
" No. 3.	25.7	35.5	
" No. 4.	26.0	35.8	
" Maximum .	34.6		
" (Set) .	27.0		
" Minimum .	20.3		
" (Set) .	25.3		
" Solar max. .			
" (Set) .			
" Dry bulb . . .	27.1	37.1	48
" Wet " . . . .	21.3	29.0	40
Rain gauge C . . . .	0		
Wind, force & direction.	16° NW	15° NW	
Clouds, amount & kind.	1 R R	0 R R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		35.8	
" No. 3 .		35.1	
" No. 4 .	21.6	35.3	



APRIL, 22 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.799	29.756	
Thermometer attached.	35.0	43.2	
" external No. 2.	40.0	48.0	
" " No. 3.	38.8	47.4	
" " No. 4.	39.3	47.6	
" Maximum .	39.7		
" " (Set) .	39.7		
" Minimum .	24.2		
" " (Set) .	39.0		
" Solar max. .			
" " (Set) .			
" Dry bulb .	40.9	48.7	41
" Wet " .	32.9	38.4	35
Rain gauge C . . . .	0		
Wind, force & direction.	6 <sup>2</sup> NW	6 <sup>2</sup> NW	
Clouds, amount & kind.	0 Pm	0 P <sub>2</sub> R <sub>0</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		48.2	
" No. 3 .		47.2	
" No. 4 .	28.3	47.8	

APRIL, 23 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.679	29.613	
Thermometer attached.	39.0	48.1	
" external No. 2.	50.8	58.8	
" " No. 3.	49.7	58.0	
" " No. 4.	50.2	58.6	
" Maximum .	50.1		
" " (Set) .	49.7		
" Minimum .	31.9		
" " (Set) .	49.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	51.6	59.5	39
" Wet " . . . .	41.3	45.5	39
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>th</sup> NW	5 <sup>th</sup> W	
Clouds, amount & kind.	0	0 M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		57.2	47.5
" No. 3 .		56.9	46.9
" No. 4 .	38.5	57.3	46.5



APRIL, 24 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.579	29.516	
Thermometer attached.	44.8	56.5	
" external No. 2.	53.0	51.0	
" " No. 3.	52.1	49.9	
" " No. 4.	53.1	50.2	
" Maximum .	58.9		
" (Set) .	52.3		
" Minimum .	35.1		
" (Set) .	52.1		
" Solar max. .			
" (Set) .			
" Dry bulb . .	54.0	51.6	47
" Wet " . . .	44.6	42.9	49
Rain gauge C . . .	0		
Wind, force & direction.	0 calm	9 <sup>c</sup> E	
Clouds, amount & kind.	4 Rs	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		52.4	<del>51.6</del>
" No. 3 .		51.4	<del>50.6</del>
" No. 4 .	39.0	51.5	<del>50.8</del>

APRIL, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.649	29.758	
Thermometer attached.	45.2	51.1	
" external No. 2.	49.8	55.1	
" " No. 3.	48.8	52.2	
" " No. 4.	49.6	55.0	
" Maximum .	58.6		
" " (Set) .	48.9		
" Minimum .	36.6		
" " (Set) .	48.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	50.4	56.1	53
" Wet " . . . .	42.5	43.3	30
Rain gauge C . . . .	0		
Wind, force & direction.	7 NNW	20 NNW	
Clouds, amount & kind.	9 Pm P.	7 MFm Rm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		55.0	46.6
" No. 3 .		54.0	45.0
" No. 4 .	40.5	54.8	45.0



APRIL, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.026	29.980	
Thermometer attached.	45.6	50.7	
" external No. 2.	50.0	52.5	
" " No. 3.	49.6	52.0	
" " No. 4.	50.3	52.5	
" Maximum .	57.8		
" " (Set) .	49.7		
" Minimum .	35.5		
" " (Set) .	49.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	51.0	53.2	42
" Wet " . . .	41.4	40.8	29
Rain gauge C . . .	0		
Wind, force & direction.	10 <sup>2</sup> NW	11 <sup>2</sup> NW	
Clouds, amount & kind.	10 Pm M R <sub>7m</sub>	9 Pm M <sub>7m</sub> R <sub>1</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		52.7	
" No. 3 .		52.0	
" No. 4 .	41.2	52.7	ball

APRIL, 27 1875.

	8 10 A. M.	4 P. M.	
Barometer . . . . .	30.099	29.955	
Thermometer attached.	44.0	53.3	
" external No. 2.	45.8	58.9	
" " No. 3.	44.8	58.1	
" " No. 4.	45.0	58.8	
" Maximum .	53.7		
" " (Set) .	45.2		
" Minimum .	33.9		
" " (Set) .	44.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	46.2	60.7	47
" Wet " . . . .	38.0	44.1	17
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>2</sup> NW	5 <sup>2</sup> NW	
Clouds, amount & kind.	0	5 P. R.	
	7 A. M.	2 2 P. M.	9 P. M.
Thermometer No. 2 .		57.7	43.6
" No. 3 .		57.0	42.6
" No. 4 .	39.5	57.6	42.3

*All observations taken at intervals of 2 hours.*



APRIL, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.848	29.819	
Thermometer attached.	46.0	53.1	
" external No. 2.	51.5	46.8	
" " No. 3.	50.4	45.7	
" " No. 4.	51.0	46.2	
" Maximum .	58.6		
" " (Set) .	50.8		
" Minimum .	32.1		
" " (Set) .	50.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	52.2	47.1	40
" Wet " . . . .	42.1	39.8	54
Rain gauge C . . . .	0		
Wind, force & direction.	4 <sup>th</sup> E	4 <sup>th</sup> E	
Clouds, amount & kind.	6 P. P. thin	10 P. P. m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		49.6	41.9
" No. 3 .		48.4	41.1
" No. 4 .	38.2	48.8	41.1

APRIL, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.933	29.877	
Thermometer attached.	45.0	53.8	
" external No. 2.	48.7	48.0	
" " No. 3.	47.9	47.7	
" " No. 4.	48.1	47.4	
" Maximum .	53.3		
" " (Set) .	48.5		
" Minimum .	29.8		
" " (Set) .	47.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	49.3	48.2	35
" Wet " . . . .	38.9	37.3	30
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> E	8 <sup>th</sup> E	
Clouds, amount & kind.	3 P. R. haze	1 P. R. haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		52.6	43.7
" No. 3 .		52.5	42.8
" No. 4 .	36.5	52.4	42.9



APRIL, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.617		
Thermometer attached.	50.8		
" external No. 2.	57.0	<del>57.0</del>	
" " No. 3.	55.9		
" " No. 4.	56.5		
" Maximum .	56.6		
" " (Set) .	56.0		
" Minimum .	40.0		
" " (Set) .	56.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	57.9		34
" Wet " . . . .	45.4		
Rain gauge C . . .	0		
Wind, force & direction.	11-10 W		
Clouds, amount & kind.	0 haze		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			46.2
" No. 3 .			44.5
" No. 4 .	45.5		44.0

MAY, 1 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.896	29.897	
Thermometer attached.	46.5	52.2	
" external No. 2.	50.6	54.9	
" " No. 3.	49.7	54.3	
" " No. 4.	50.3	55.0	
" Maximum .	60.9		
" " (Set) .	50.4		
" Minimum .	34.8		
" " (Set) .	49.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	51.4	55.6	29
" Wet " . . . .	39.6	43.6	34
Rain gauge C . . . .	0		
Wind, force & direction.	5° NW	2° W	
Clouds, amount & kind.	5 P. Ry solar halo	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		56.8	50.0
" No. 3 .		56.6	49.1
" No. 4 .		57.5	49.3



MAY, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.393	29.488	* 18.5 oz. = weight
Thermometer attached.	48.00	52.2	of water and bottle
" external No. 2.	45.0	55.0	$18\frac{1}{2} - 15\frac{3}{8} = 3\frac{1}{8}$
" " No. 3.	44.1	54.0	$3\frac{1}{8}$ ounces of water
" " No. 4.	44.8	54.6	Rainfall 0.276 inches
" Maximum :	57.7		* Very few drops
" " (Set) .	44.0		in the bottle not
" Minimum .	38.8		enough to be weighed
" " (Set) .	43.9		having rained at
" Solar max. .			about 2:30 P.M.
" " (Set) .			
" Dry bulb . .	45.9	56.1	88
" Wet " . . .	43.1	43.8	37
Rain gauge C . . .	18 $\frac{1}{2}$	*	
Wind, force & direction.	2 WNW	7 WNW	
Clouds, amount & kind.	10 P.M.	7 M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		55.1	44.5
" No. 3 .		54.7	44.7
" No. 4 .	42.3	55.2	44.3

MAY, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.718	29.686	
Thermometer attached.	44.7	51.5	
" external No. 2.	46.0	53.7	At 4 P.M.
" " No. 3.	45.1	52.9	gauge A 40 mmms
" " No. 4.	45.6	53.3	0.3215 inches
" Maximum .	53.7	<del>45</del>	
" " (Set) .	45.7		
" Minimum .	35.1		
" " (Set) .	44.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	46.6	54.2	30
" Wet " . . . .	36.1	39.7	18
Rain gauge C . . . .	0		
Wind, force & direction.	15° W	13° W	
Clouds, amount & kind.	3 M Fm	0 R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		52.1	47.9
" No. 3 .		51.4	46.0
" No. 4 .	39.2	51.9	46.8



MAY, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.749	29.679	
Thermometer attached.	48.4	49.8	
" external No. 2.	48.9	48.0	
" " No. 3.	48.2	47.6	
" " No. 4.	49.2	48.4	
" Maximum .	53.3		
" " (Set) .	48.5		
" Minimum .	39.8		
" " (Set) .	47.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	49.7	48.8	34
" Wet " . . .	39.0	42.0	59
Rain gauge C . . .	0		
Wind, force & direction.	0 <sup>th</sup> W	4 <sup>th</sup> S	
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		50.1	41.2
" No. 3 .		49.6	41.2
" No. 4 .	43.3	50.4	41.5

MAY, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.866	29.862	
Thermometer attached.	48.0	55.0	
" external No. 2.	55.1	62.0	
" " No. 3.	54.2	61.2	
" " No. 4.	55.0	62.1	
" Maximum .	55.0		
" " (Set) .	54.7		
" Minimum .	39.9		
" " (Set) .	54.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	56.2	63.0	34
" Wet " . . . .	44.0	46.1	19
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> NW	5 <sup>th</sup> NW	
Clouds, amount & kind.	5 M 7m	0 M 7m haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		62.0	52.5
" No. 3 .		61.3	52.5
" No. 4 .	46.5	62.3	52.9



MAY, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.904	29.841	
Thermometer attached.	50.9	53.5	
" external No. 2.	57.3	52.9	
" " No. 3.	56.9	52.1	
" " No. 4.	57.9	52.2	
" Maximum .	62.4		
" " (Set) .	56.8		
" Minimum .	42.1		
" " (Set) .	56.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	58.3	53.1	40
" Wet " . . . .	46.8	46.1	62
Rain gauge C . . .	0		
Wind, force & direction.	4 S	6 E	
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		57.0	44.0
" No. 3 .		56.0	44.0
" No. 4 .	48.0	56.8	43.5

MAY, 7 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.946	30.097	
Thermometer attached.	48.2	54.0	At 10 A.M.
" external No. 2.	43.4	51.0	gauge A 167.2 inches
" " No. 3.	42.9	50.2	much water lost by leakage
" " No. 4.	43.6	50.6	1.44 inches
" Maximum .	58.7		
" " (Set) .	43.0		
" Minimum .	41.0		
" " (Set) .	42.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	44.9	51.8	85
" Wet " . . .	41.7	42.0	42
Rain gauge C . . .	22.5 inches 1.953 inches		
Wind, force & direction.	12 <sup>th</sup> N	9 <sup>th</sup> E	
Clouds, amount & kind.	10 Pm a little rain	0 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		50.1	42.3
" No. 3 .		49.6	41.5
" No. 4 .	41.5	49.9	41.5



MAY, 8 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.113	30.072	
Thermometer attached.	50.8	51.7	
" external No. 2.	53.0	53.1	
" " No. 3.	52.5	52.6	A few drops of rain at times
" " No. 4.	53.2	53.1	
" Maximum .	52.4		
" " (Set) .	52.2		
" Minimum .	37.0		
" " (Set) .	52.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	53.0	54.0	56
" Wet " . . .	46.0	45.6	54
Rain gauge C . . .	0		
Wind, force & direction.	0° SE	1° SE	
Clouds, amount & kind.	10 Pm	90 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		52.5	49.0
" No. 3 .		51.8	47.0
" No. 4 .		52.2	46.5

MAY, 9 1875.

13.

	10 A. M.	4 P. M.	
Barometer . . . .	29.902	29.816	Height of water
Thermometer attached.	48.6	51.9	and bottle
" external No. 2.	46.2	52.7	Water 1 5/8 inches
" " No. 3.	45.6	52.8	0.143 inches
" " No. 4.	46.2	53.4	A very little
" Maximum .	53.0		rain at times
" " (Set) .	46.0		
" Minimum .	41.7		
" " (Set) .	45.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	47.3	54.0	90
" Wet " . . .	44.8	49.8	80
Rain gauge C . . .	17.2		
Wind, force & direction.	2 ENE	4 NNE	
Clouds, amount & kind.	10 P M	10 P M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		50.2	47.0
" No. 3 .		50.4	46.6
" No. 4 .	43.0	51.4	46.5



MAY, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.510	29.646	At 9 $\frac{1}{2}$ A.M.
Thermometer attached.	52.2	60.8	Gauge A
" external No. 2.	73.0	63.8	25 $\frac{1}{2}$ ounces
" " No. 3.	71.8	63.1	0.134 inches
" " No. 4.	72.8	63.8	
" Maximum .	72.1		
" " (Set) .	70.0		
" Minimum .	42.2		
" " (Set) .	72.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	74.1	64.6	62
" Wet " . . . .	65.0	55.0	55
Rain gauge C . . .	0.011 inches		
Wind, force & direction.	4 $\frac{1}{2}$ SW	5 $\frac{1}{2}$ W	
Clouds, amount & kind.	17m haze	10 Pm Fm a little rain	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		75.6	57.0
" No. 3 .		74.9	56.5
" No. 4 .	48.8	76.1	57.0

MAY, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.984	29.986	
Thermometer attached.	55.8	61.2	
" external No. 2.	62.4	69.7	
" " No. 3.	61.4	68.8	
" " No. 4.	62.3	69.7	
" Maximum .	*		* Upper end of main column (not detached column) read by error. The maximum was about 75 as appears from the 2nd full reading May 10.
" " (Set) .	61.2		
" Minimum .	45.6		
" " (Set) .	61.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	63.4	70.2	
" Wet " . . . .	49.8	52.8	35
Rain gauge C . . .	0		24
Wind, force & direction.	6 <sup>th</sup> NW	6 <sup>th</sup> W	
Clouds, amount & kind.	0 M Fm	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		68.0	60.6
" No. 3 .		67.2	59.2
" No. 4 .	51.0	68.0	59.6



MAY, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.918	29.786	
Thermometer attached.	56.4	60.7	
" external No. 2.	68.8	66.8	
" " No. 3.	67.1	66.8	At 5 P.M.
" " No. 4.	68.7	67.3	Bar. 29.760
" Maximum .	69.0		At Th 61.4
" " (Set) .	67.3		
" Minimum .	47.8		
" " (Set) .	67.7		A little rain late in the afternoon
" Solar max. .			
" " (Set) .			
" Dry bulb . .	69.9	67.5	44
" Wet " . . .	56.9	57.6	56
Rain gauge C . . .	0		
Wind, force & direction.	8 <sup>e</sup> S	25 <sup>e</sup> S	
Clouds, amount & kind.	7 Pm Pm Pm	1 Pm M 7 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		69.2	56.1
" No. 3 .		68.2	55.0
" No. 4 .	56.0	69.3	56.6

MAY, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.078	30.134	
Thermometer attached.	54.7	61.1	
" external No. 2.	58.1	65.6	
" " No. 3.	57.0	64.8	
" " No. 4.	57.8	65.5	
" Maximum .	69.7		
" " (Set) .	57.9		
" Minimum .	45.3		
" " (Set) .	57.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	59.3	66.6	28
" Wet " . . .	45.3	49.0	21
Rain gauge C . . .	0 1/2 inches 0.044 inches		
Wind, force & direction.	7 <sup>th</sup> W	6 <sup>th</sup> W	
Clouds, amount & kind.	0	0 Rs Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		65.7	58.5
" No. 3 .		65.0	55.5
" No. 4 .	48.3	65.5	56.5



MAY, 14 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.300	30.239	
Thermometer attached.	55.6	61.7	
" external No. 2.	65.4	67.1	
" " No. 3.	64.6	66.8	
" " No. 4.	65.7	67.6	
" Maximum .	65.8		
" " (Set) .	64.6		
" Minimum .	41.9		
" " (Set) .	64.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	67.0	68.2	37
" Wet " . . .	53.0	50.2	21
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> SW	6 <sup>th</sup> SE	
Clouds, amount & kind.	0 haze	3 Rs 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		68.0	52.7
" No. 3 .		67.5	51.7
" No. 4 .	52.5	68.2	51.2

MAY, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.044	29.968	
Thermometer attached.	53.2	55.4	
" external No. 2.	49.1	58.1	A little rain in the forenoon
" " No. 3.	48.1	57.0	
" " No. 4.	48.5	58.4	
" Maximum .	68.8		
" " (Set) .	49.0		
" Minimum .	41.3		
" " (Set) .	48.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	49.9	59.4	87
" Wet " . . . .	47.0	55.2	82
Rain gauge C . . . .	0.011 inches 0.8 ounces		
Wind, force & direction.	3 <sup>e</sup> E	2 <sup>e</sup> N	
Clouds, amount & kind.	10 Pm raining	7 Pm till 7pm hazy	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		53.9	51.2
" No. 3 .		53.1	50.6
" No. 4 .	45.5	54.0	51.2



MAY, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.978	29.999	Weight of water
Thermometer attached.	53.4	55.2	and bottle.
" external No. 2.	50.1	52.0	<del>0.088</del> $\frac{15}{8}$ mmus
" " No. 3.	49.2	51.1	0.143 inches
" " No. 4.	50.0	51.7	
" Maximum .	60.0		
" " (Set) .	51.4		
" Minimum .	43.3		
" " (Set) .	49.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	51.3	52.7	57
" Wet " . . . .	43.8	42.1	38
Rain gauge C . . .	17.02 <sup>x</sup>		
Wind, force & direction.	W 6	WNW 9	
Clouds, amount & kind.	8 M Pm	8 M P M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		53.2	46.0
" No. 3 .		52.4	44.9
" No. 4 .	44.2	53.3	45.4

MAY, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.210	30.200	
Thermometer attached.	49.8	58.0	
" external No. 2.	55.2	61.6	
" " No. 3.	54.7	60.5	
" " No. 4.	55.1	61.4	
" Maximum .	55.2		
" " (Set) .	55.0		
" Minimum .	37.3		
" " (Set) .	54.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	56.1	62.3	27
" Wet " . . .	42.7	45.5	18
Rain gauge C . . .	0		
Wind, force & direction.	7 <sup>th</sup> NW	5 <sup>th</sup> W	
Clouds, amount & kind.	0	4 M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		60.0	50.7
" No. 3 .		59.2	49.1
" No. 4 .	45.5	59.9	49.4



MAY, 18 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.250	30.201	
Thermometer attached.	57.0	57.8	
" external No. 2.	54.7	50.1	
" " No. 3.	54.0	49.7	
" " No. 4.	54.2	49.8	
" Maximum .	61.5		
" " (Set) .	54.6		
" Minimum .	36.1		
" " (Set) .	54.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	55.2	50.8	45
" Wet " . . .	45.3	41.5	44
Rain gauge C . . .	0		
Wind, force & direction.	8 <sup>th</sup> NE	8 <sup>th</sup> E	
Clouds, amount & kind.	9 P <sup>th</sup> B <sup>th</sup> R <sup>th</sup> m-	10 P <sup>th</sup> m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		52.8	46.0
" No. 3 .		52.1	45.3
" No. 4 .	41.0	52.0	46.0

MAY, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.995	29.983	
Thermometer attached.	52.0	53.2	At 14' Alt.
" external No. 2.	46.9	57.7	gauge A
" " No. 3.	46.2	56.7	32 1/2 ounces
" " No. 4.	46.8	57.6	0.280 inches
" Maximum .	55.4		
" " (Set) .	47.0		
" Minimum .	42.5		
" " (Set) .	45.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	47.8	58.7	88
" Wet " . . . .	45.0	50.2	57
Rain gauge C . . .	1/2 ounces 0.182 inches		
Wind, force & direction.	5 e W	5 S	
Clouds, amount & kind.	10 Pm raining	7 Pm fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		55.6	46.0
" No. 3 .		55.2	45.3
" No. 4 .	44.0	56.1	45.9



MAY, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.891	29.749	
Thermometer attached.	52.9	57.2	
" external No. 2.	64.8	69.8	At 10 $\frac{1}{2}$ A.M. gauge A 11 $\frac{1}{2}$ ovens 0.097 inches
" " No. 3.	63.7	68.6	
" " No. 4.	65.0	69.6	
" Maximum .	64.2		
" " (Set) .	63.2		
" Minimum .	43.0		
" " (Set) .	64.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	66.0	70.5	54
" Wet " . . .	56.0	55.3	34
Rain gauge C . . .	1 $\frac{1}{2}$ ovens + 0.110 inches		$\times$ 10 $\frac{1}{2}$ A.M.
Wind, force & direction.	9 <sup>c</sup> S W	10 <sup>e</sup> SW	
Clouds, amount & kind.	5 haze Rd	10 Pm fm haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		67.8	62.0
" No. 3 .		66.2	61.2
" No. 4 .	51.3	67.8	62.0

MAY, 21 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.968 15.7.0	29.893 64.0	
Thermometer attached.			
" external No. 2.	67.1	71.7	
" " No. 3.	66.7	71.0	
" " No. 4.	67.8	72.2	
" Maximum .	70.7		
" " (Set) .	66.4		
" Minimum .	49.4		
" " (Set) .	66.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	68.1	72.8	35
" Wet " . . . .	53.4	57.9	38
Rain gauge C . . . .	0.011 inches 0.4 inches		
Wind, force & direction.	7 <sup>th</sup> NW	4 <sup>th</sup> SE	
Clouds, amount & kind.	7 Pm fm Rm Rm	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		75.7	60.9
" No. 3 .		74.4	60.8
" No. 4 .	55.2	75.7	60.5



MAY, 22 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.894	29.830	
Thermometer attached.	60.0	67.8	At 10 AM.
" external No. 2.	66.8	78.4	Gauge A
" " No. 3.	66.0	77.7	3 2 1/2 ounces
" " No. 4.	67.7	79.0	0.280 inches
" Maximum .	75.7		
" " (Set) .	63.5		
" Minimum .	50.1		
" " (Set) .	66.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	67.3	79.0	81
" Wet " . . .	62.6	66.3	51
Rain gauge C . . .	3 1/2 ounces 0.248 inches		
Wind, force & direction.	0 W	5 W	
Clouds, amount & kind.	4 R. fm haze	5 M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		77.8	68.9
" No. 3 .		76.5	67.9
" No. 4 .	54.0	77.7	68.5

MAY, 23 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.949	29.967	
Thermometer attached.	68.1	70.8	
" external No. 2.	76.8	68.3	
" " No. 3.	75.8	67.3	
" " No. 4.	77.0	68.3	
" Maximum .	78.3		
" " (Set) .	74.0		
" Minimum .	60.6		
" " (Set) .	75.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	77.4	69.2	34
" Wet " . . .	60.3	53.3	31
Rain gauge C . . .	0		
Wind, force & direction.	5 N.	2 E.	
Clouds, amount & kind.	1 Rs	1 Rs.	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		68.4	64.0
" No. 3 .		67.2	60.3
" No. 4 .	68.0	68.0	60.9



MAY, 24 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.009	29.920	
Thermometer attached.	61.1	68.7	
" external No. 2.	73.4	78.5	
" " No. 3.	72.5	77.6	
" " No. 4.	73.8	79.1	
" Maximum .	77.6		
" " (Set) .	72.7		
" Minimum .	50.0		
" " (Set) .	72.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	74.6	79.2	62
" Wet " . . .	65.6	67.9	58
Rain gauge C . . .	0		
Wind, force & direction.	7 <sup>e</sup> SW	6 <sup>e</sup> S	
Clouds, amount & kind.	3 Rs haze	7 Rs haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		80.0	67.0
" No. 3 .		79.6	66.2
" No. 4 .	59.5	80.6	67.6

MAY, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.829	29.768	
Thermometer attached.	66.5	71.0	
" external No. 2.	<del>77.7</del>	76.0	
" " No. 3.	76.4	75.7	
" " No. 4.	77.9	76.8	
" Maximum .	80.4		
" " (Set) .	76.7		
" Minimum .	62.2		
" " (Set) .	76.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	78.7	76.5	61
" Wet " . . .	68.6	68.0	66
Rain gauge C . . .	0		0
Wind, force & direction.	9° SW	9° S	
Clouds, amount & kind.	8 Pz Pm 7m	10 Pz Pm 11 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		80.1	66.9
" No. 3 .		79.1	65.9
" No. 4 .	67.2	80.7	67.9



MAY, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.863	29.904	At 8½ A.M.
Thermometer attached.	68.7	72.8	Dry 73.4 Wet 72.3
" external No. 2.	76.0	78.8	No. 4 72.7
" " No. 3.	75.2	77.9	
" " No. 4.	76.2	78.9	
" Maximum .	81.0		
" " (Set) .	75.3		
" Minimum .	63.0		
" " (Set) .	75.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	76.8	79.4	42
" Wet " . . .	62.1	57.3	20
Rain gauge C . . .	0		
Wind, force & direction.	10° N	10° NW	
Clouds, amount & kind.	7 M from haze	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		79.7	64.4
" No. 3 .		78.7	65.5
" No. 4 .	68.0	79.7	64.5

MAY, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.242	30.188	At 8 1/4 A.M.
Thermometer attached.	63.7	70.8	Day 67.5 Wet 66.1
" external No. 2.	69.6	72.0	No. 4 67.0
" " No. 3.	68.8	71.2	
" " No. 4.	69.8	72.3	
" Maximum .	79.2		
" " (Set) .	69.2		
" Minimum .	50.9		
" " (Set) .	68.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	70.3	72.9	26
" Wet " . . . .	53.0	57.1	34
Rain gauge C . . .	0		
Wind, force & direction.	8 <sup>e</sup> NW	6 <sup>e</sup> NE	
Clouds, amount & kind.	1 Rs	1 R haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		70.4	60.9
" No. 3 .		69.5	61.9
" No. 4 .	61.8	70.6	61.3



MAY, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.205	30.061	
Thermometer attached.	63.0	71.2	
" external No. 2.	67.6	76.0	
" " No. 3.	66.9	75.1	
" " No. 4.	67.4	76.4	
" Maximum .	73.9		
" " (Set) .	67.3		
" Minimum .	50.9		
" " (Set) .	67.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	68.8	76.6	32
" Wet " . . . .	53.3	58.9	31
Rain gauge C . . . .	0		
Wind, force & direction.	2 <sup>nd</sup> NW	2 <sup>nd</sup> NE	
Clouds, amount & kind.	5 haze	4 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.0	
" " No. 3 .		73.3	
" " No. 4 .	57.5	74.6	

MAY, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.001	29.970	
Thermometer attached.	63.0	66.2	
" external No. 2.	66.9	61.6	
" " No. 3.	65.9	60.2	
" " No. 4.	66.9	60.6	
" Maximum .	75.3		
" " (Set) .	66.4		
" Minimum .	50.7		
" " (Set) .	66.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	67.8	62.1	24
" Wet " . . .	50.6	52.8	55
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>e</sup> E	7 <sup>e</sup> E	
Clouds, amount & kind.	9 thick haze	9 thick haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		65.2	56.3
" No. 3 .		63.9	59.9 <sup>*</sup>
" No. 4 .		64.6	55.5

\* Seems to mean 54.9



MAY, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.930	29.929	
Thermometer attached.	58.7	63.3	
" external No. 2.	58.0	63.3	
" " No. 3.	57.2	62.7	
" " No. 4.	58.4	63.5	
" Maximum .	68.2		
" " (Set) .	58.4		
" Minimum .	49.9		
" " (Set) .	57.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	59.2	64.3	74
" Wet " . . .	53.7	54.5	54
Rain gauge C . . .	0		
Wind, force & direction.	0	5 N N W	
Clouds, amount & kind.	10 P m	9 M P M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		66.2	65.0
" No. 3 .		65.4	67.3
" No. 4 .	53.5	66.4	68.0

MAY, 31 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.076	30.099	
Thermometer attached.	60.2	65.7	
" external No. 2.	67.3	61.9	
" " No. 3.	66.8	60.6	
" " No. 4.	67.8	61.1	
" Maximum .	67.2		
" " (Set) .	67.0		
" Minimum .	49.0		
" " (Set) .	66.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	68.4	62.5	39
" Wet " . . . .	54.7	54.8	63
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>2</sup> NW	6 <sup>2</sup> E	
Clouds, amount & kind.	0	0 fm haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		63.6	52.0
" No. 3 .		62.0	52.0
" No. 4 .	56.8	63.0	52.0



JUNE, 1 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.266	30.247	
Thermometer attached.	59.0	65.7	
" external No. 2.	62.4	58.0	
" " No. 3.	61.5	57.8	
" " No. 4.	62.9	57.7	
" Maximum .	69.0		
" " (Set) .	62.2		
" Minimum .	47.7		
" " (Set) .	61.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	63.8	58.2	51
" Wet " . . . .	53.6	52.0	64
Rain gauge C . . . .	0		
Wind, force & direction.	1 <sup>st</sup> NE	8 <sup>th</sup> E	
Clouds, amount & kind.	1 Pm Bz fm hazy	1 fm haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		61.0	52.0
" No. 3 .		60.2	51.0
" No. 4 .	50.5	60.4	51.9

JUNE, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.268	30.249	
Thermometer attached.	58.3	64.0	
" external No. 2.	60.3	60.0	
" " No. 3.	59.9	59.0	
" " No. 4.	60.2	59.6	
" Maximum .	64.5		
" " (Set) .	60.5		
" Minimum .	49.1		
" " (Set) .	59.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	60.7	60.5	46
" Wet " . . .	50.0	48.2	38
Rain gauge C . . .	0		
Wind, force & direction.	10 <sup>e</sup> E	11 <sup>e</sup> E	
Clouds, amount & kind.	1 haze	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		60.0	59.0
" No. 3 .		59.2	53.1
" No. 4 .	53.4	59.8	55.4



JUNE, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.200	30.149	
Thermometer attached.	57.4	68.1	
" external No. 2.	67.6	71.3	
" " No. 3.	67.0	70.8	
" " No. 4.	67.8	71.7	
" Maximum .	67.3		
" " (Set) .	66.6		
" Minimum .	44.2		
" " (Set) .	67.0		
" Solar max. .			
" " (Set) .			2
" Dry bulb . .	68.8	72.3	26
" Wet " . . .	51.7	54.9	28
Rain gauge C . . .	0		
Wind, force & direction.	8 <sup>e</sup> S	10 <sup>e</sup> S	
Clouds, amount & kind.	1 Rs	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		71.6	
" No. 3 .		70.7	
" No. 4 .	53.0	71.8	

JUNE, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.163	30.103	
Thermometer attached.	60.8	72.2	
" external No. 2.	69.4	80.3	
" " No. 3.	68.8	79.8	Shower previous night
" " No. 4.	70.6	80.7	
" Maximum .	72.5		
" " (Set) .	69.0		
" Minimum .	53.1		
" " (Set) .	68.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	70.8	81.0	59
" Wet " . . .	61.4	61.7	29
Rain gauge C . . .	0 <sup>1</sup> / <sub>2</sub> inches 0.022 inches		
Wind, force & direction.	3° SW	5° NW	
Clouds, amount & kind.	9 R R thin	1 M 7 m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		79.8	66.0
" No. 3 .		79.0	65.3
" No. 4 .	57.0	80.0	66.0



JUNE, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.189	30.108	
Thermometer attached.	65.8	73.1	
" external No. 2.	79.4	83.0	
" " No. 3.	78.7	82.0	Solar halo noticed about 10 $\frac{1}{2}$ A.M. still visible at noon but faint
" " No. 4.	80.1	83.5	
" Maximum .	80.4		
" " (Set) .	78.0		
" Minimum .	56.0		
" " (Set) .	79.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	80.7	83.9	43
" Wet " . . . .	65.7	67.0	39
Rain gauge C . . .	0		
Wind, force & direction.	1° S E	4° S	
Clouds, amount & kind.	4 haze P R	8 R R haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		84.9	
" No. 3 .		84.1	
" No. 4 .	65.8	84.5	

JUNE, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.929	29.888	
Thermometer attached.	68.1	72.6	
" external No. 2.	76.0	77.5	
" " No. 3.	75.1	76.7	
" " No. 4.	76.9	78.7	
" Maximum .	85.0		
" " (Set) .	74.1		
" Minimum .	62.4		
" " (Set) .	70.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	77.6	78.4	62
" Wet " . . . .	68.0	68.9	63
Rain gauge C . . .	0		
Wind, force & direction.	W N W 2	1 W	
Clouds, amount & kind.	7 M Pm Fm	8 M Pm Rm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		76.1	
" No. 3 .		76.2	
" No. 4 .	68.2	77.6	



JUNE, 7 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	29.817	29.750
Thermometer attached.	66.0	68.2
" external No. 2.	61.0	59.0
" " No. 3.	60.0	58.5
" " No. 4.	60.4	59.2
" Maximum .	77.8	
" " (Set) .	61.0	
" Minimum .	59.0	
" " (Set) .	60.1	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	61.3	59.8
" Wet " . . .	55.0	56.1
Rain gauge C . . .	0	
Wind, force & direction.	9 <sup>th</sup> E	17 <sup>th</sup> NW
Clouds, amount & kind.	10 Pm	10 Pm

Rain after  
4 P.M., with  
a little thunder  
and lightning,

70  
85

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		67.4	52.1
" No. 3 .		66.4	51.7
" No. 4 .	60.7	68.2	51.8

JUNE, 8 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.112	30.170	
Thermometer attached.	62.2	68.2	At 8 A.M.
" external No. 2.	64.8	66.2	gauge A
" " No. 3.	x 61.8	x 63.0	97 $\frac{3}{4}$ ounces
" " No. 4.	65.3	66.0	0.843 inches
" Maximum .	69.5		
" " (Set) .	62.0		
" Minimum .	50.0		
" " (Set) .	63.9		
" Solar max. .			
" " (Set) .			x Cases damp
" Dry bulb . .	66.0	66.7	66
" Wet " . . .	58.5	58.2	61
Rain gauge C . . .	9 $\frac{3}{4}$ ounces 0.860 inches		
Wind, force & direction.	2 <sup>nd</sup> NW	6 <sup>th</sup> E	
Clouds, amount & kind.	7 M 7m Rs	10 P Rs M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		69.0	
" No. 3 .		x 65.3	
" No. 4 .	57.8	68.9	



JUNE, 9 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	30.313	30.263
Thermometer attached.	61.8	61.1
" external No. 2.	56.4	54.2
" " No. 3.	55.6	53.7
" " No. 4.	56.2	54.3
" Maximum .	71.0	
" " (Set) .	55.9	
" Minimum .	54.0	
" " (Set) .	55.4	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	57.4	55.2
" Wet " . . .	54.4	53.6
Rain gauge C . . .	0.3 ounces 0.066 inches	2 1/2 ounces 0.221 inches
Wind, force & direction.	1 <sup>st</sup> SE	2 <sup>nd</sup> NE
Clouds, amount & kind.	10 Pm raining	10 Pm raining

At 4 P.M.  
gauge A  
30 ounces  
0.259 inches

89  
97

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		55.9	52.6
" No. 3 .		55.0	51.7
" No. 4 .	55.7	55.8	52.1

JUNE, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.024	30.053	
Thermometer attached.	58.7	64.0	
" external No. 2.	57.0	65.9	At 10 $\frac{1}{4}$ A.M.,
" " No. 3.	56.0	64.1	Gauge A
" " No. 4.	56.9	66.7	178 $\frac{1}{2}$ ounces
" Maximum .	57.8		much less by
" " (Set) .	56.4		leakage.
" Minimum .	50.8		1.537 inches
" " (Set) .	56.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	58.4	67.1	95
" Wet " . . . .	56.3	61.5	76
Rain gauge C . . .	* 50 $\frac{1}{2}$ ounces 4.457 inches		* At 4 P.M. June 9 0.221 inches
Wind, force & direction.	4 <sup>th</sup> NW	3 <sup>rd</sup> NW	At 10 A.M. June 10 4.457 "
Clouds, amount & kind.	10 P.m. fine rain	10 P.m.	June 10 4.678 "
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		65.4	61.8
" No. 3 .		63.8	60.9
" No. 4 .	52.7	66.5	61.4



JUNE, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.188	30.157	
Thermometer attached.	63.0	69.0	
" external No. 2.	71.1	67.8	
" " No. 3.	68.7	65.6	
" " No. 4.	71.5	67.7	
" Maximum .	70.8		
" " (Set) .	70.4		
" Minimum .	51.5		
" " (Set) .	70.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	72.4	68.6	68
" Wet " . . . .	64.9	62.4	76
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>2</sup> E	4 <sup>2</sup> E	
Clouds, amount & kind.	5 P <sub>2</sub> R <sub>1</sub> Am	1 P <sub>1</sub> R <sub>2</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		69.9	
" No. 3 .		67.3	
" No. 4 .		69.7	

JUNE, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.002	29.917	
Thermometer attached.	63.8	69.9	
" external No. 2.	71.7	74.6	
" " No. 3.	69.7	73.0	
" " No. 4.	72.5	74.7	
" Maximum .	72.0		
" " (Set) .	71.0		
" Minimum .	54.4		
" " (Set) .	70.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	72.9	75.3	75
" Wet " . . .	66.8	67.0	66
Rain gauge C . . .	0		
Wind, force & direction.	4° S	10° SW	
Clouds, amount & kind.	5 RR	0 M Fm R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		76.0	
" No. 3 .		74.4	
" No. 4 .	62.5	76.1	



JUNE, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.866		Rain previous night
Thermometer attached.	62.8		At 10 A.M.
" external No. 2.	59.0		Gauge A
" " No. 3.	57.9		27 $\frac{3}{8}$ ounces
" " No. 4.	59.1		0.236 inches
" Maximum .	76.0		
" " (Set) .	57.4		
" Minimum .	53.3		
" " (Set) .	57.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	60.1		64
" Wet " . . .	52.8		
Rain gauge C . . .	2 $\frac{3}{4}$ ounces 0.243 inches		
Wind, force & direction.	12 NW		
Clouds, amount & kind.	10 Pm Fm		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		61.5	
" No. 3 .		60.1	
" No. 4 .	55.3	61.5	

JUNE, 14 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.996	29.892	At 8 1/4 A. M.
Thermometer attached.	57.1	64.3	Dry 56.7 Wet 55.5
" external No. 2.	61.4	68.0	No. 4. 57.0
" " No. 3.	60.0	65.9	
" " No. 4.	61.8	68.1	
" Maximum .	62.3		
" " (Set) .	61.0		
" Minimum .	42.2		
" " (Set) .	60.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	62.6	69.0	44
" Wet " . . . .	51.0	53.6	33
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>e</sup> W	7 <sup>e</sup> W	
Clouds, amount & kind.	5 haze	5 M Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		65.8	
" No. 3 .		64.9	
" No. 4 .	50.7	66.4	



JUNE, 15<sup>th</sup> 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.929	29.863	At 8 $\frac{1}{2}$ A. M.,
Thermometer attached.	59.7	66.0	Dry 61.1 Wet 59.9
" external No. 2.	65.0	71.4	No. 4 61.0
" " No. 3.	64.3	70.5	
" " No. 4.	65.7	71.8	
" Maximum .	67.7		
" " (Set) .	64.8		
" Minimum .	48.8		
" " (Set) .	64.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	66.6	72.4	49
" Wet " . . .	55.4	56.1	32
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>rd</sup> SW	6 <sup>th</sup> W	
Clouds, amount & kind.	7 thick haze	10 M fm Rays R R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		70.4	62.1
" No. 3 .		69.8	61.8
" No. 4 .	55.2	70.8	62.0

JUNE, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.874	29.829	
Thermometer attached.	60.9	68.8	
" external No. 2.	70.0	75.0	
" " No. 3.	69.7	74.7	
" " No. 4.	71.1	75.8	
" Maximum .	70.9		
" " (Set) .	69.2		
" Minimum .	48.3		
" " (Set) .	69.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	71.4	75.8	36
" Wet " . . .	57.8	58.3	31
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> W	2 <sup>nd</sup> SW	
Clouds, amount & kind.	4 Rs haze	10 Pm M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		75.5	63.6
" No. 3 .		74.8	63.0
" No. 4 .	57.3	76.2	63.5



JUNE, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.028	30.021	
Thermometer attached.	61.2	69.3	
" external No. 2.	66.5	70.0	
" " No. 3.	66.4	69.3	
" " No. 4.	67.8	70.0	
" Maximum .	75.6		
" " (Set) .	66.6		
" Minimum .	50.1		
" " (Set) .	66.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	67.2	70.3	44
" Wet " . . .	54.7	56.8	41
Rain gauge C . . .	0		
Wind, force & direction.	0 <sup>th</sup> W	2 <sup>nd</sup> E	
Clouds, amount & kind.	7 haze R <sub>3</sub>	9 haze P <sub>2</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		71.3	61.8
" No. 3 .		70.6	61.0
" No. 4 .	58.2	72.0	61.3

JUNE, 18 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.982	29.719	Rain previous night and this morning
Thermometer attached.	61.2	61.4	
" external No. 2.	57.0	57.8	At 10 A. M. Gauge A 13 ounces 0.012 inches
" " No. 3.	56.1	57.0	
" " No. 4.	56.8	57.6	
" Maximum .	72.0		
" " (Set) .	57.1		
" Minimum .	54.0		
" " (Set) .	56.1		
" Solar max. .	.		
" " (Set) .			
" Dry bulb . . .	58.0	58.7	83
" Wet " . . . .	54.0	56.6	95
Rain gauge C . . .	1 1/2 ounces 0.132 inches		
Wind, force & direction.	7 <sup>th</sup> E	8 <sup>th</sup> E	
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		56.5	55.3
" No. 3 .		56.0	55.0
" No. 4 .	55.3	56.4	55.5



June  
JULY, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.670	29.760	
Thermometer attached.	57.8	63.0	
" external No. 2.	60.8	69.4	At 10 A.M.
" " No. 3.	60.0	68.7	gauge A
" " No. 4.	60.8	69.8	43½ ounces
" Maximum .	60.0		0.375 inches
" " (Set) .	60.0		
" Minimum .	48.6		
" " (Set) .	60.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	61.9	70.3	60
" Wet " . . . .	53.6	58.1	46
Rain gauge C . . .	5 ounces 0.441 inches		
Wind, force & direction.	15° NW	4° NW	
Clouds, amount & kind.	6 R R M Fm haze	10 R R M M Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		69.2	56.3
" No. 3 .		68.3	55.9
" No. 4 .	51.5	69.2	56.3

x reported  
at 10 A.M.

JUNE, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.100	30.104	
Thermometer attached.	60.4	67.3	
" external No. 2.	70.0	75.3	At 10 $\frac{1}{4}$ A.M.
" " No. 3.	69.0	74.6	gauge A
" " No. 4.	70.1	75.4	3 $\frac{1}{4}$ ounces
" Maximum .	69.7		0.028 inches
" " (Set) .	69.2		
" Minimum .	52.0		
" " (Set) .	69.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	70.9	76.0	46
" Wet " . . .	58.6	58.6	31
Rain gauge C . . .	0 $\frac{3}{4}$ ounces 0.083 inches		
Wind, force & direction.	6 <sup>e</sup> NW	6 <sup>e</sup> NW	
Clouds, amount & kind.	2 haze	1 R. R. haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.1	65.0
" No. 3 .		73.3	64.2
" No. 4 .	62.5	74.2	64.6



JUNE, 21 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.128	30.053	
Thermometer attached.	64.0	71.4	At 9 <sup>3</sup> / <sub>4</sub> A.M.
" external No. 2.	74.6	80.7	Dry 74.8 Wet 74.0
" " No. 3.	73.6	79.7	No. 4 74.8
" " No. 4.	75.3	81.0	
" Maximum .	74.8		
" " (Set) .	73.3		
" Minimum .	54.7		
" " (Set) .	73.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	75.8	81.4	51
" Wet " . . . .	63.8	66.3	44
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>e</sup> W	4 <sup>e</sup> W	
Clouds, amount & kind.	6 haze R <sub>s</sub> P <sub>2</sub>	6 haze R <sub>s</sub> R <sub>1</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		80.4	70.0
" No. 3 .		79.4	69.0
" No. 4 .	62.4	80.6	69.7

JUNE, 22 1875.

	10 A. M.	3 1/2 P. M.	
Barometer . . . . .	30.060	30.028	
Thermometer attached.	66.6	72.5	
" external No. 2.	80.1	82.2	
" " No. 3.	79.1	81.2	
" " No. 4.	80.6	82.5	
" Maximum .	80.5		
" " (Set) .	79.1		
" Minimum .	57.2		
" " (Set) .	79.6		
" Solar max. .			
" " (Set) .			
Dry bulb . . . . .	81.3	82.8	57
" Wet " . . . . .	70.0	66.2	39
Rain gauge C . . . . .	0		
Wind, force & direction.	10° SW	11° S	
Clouds, amount & kind.	0 haze	1 RR haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		83.3	70.0
" No. 3 .		82.4	69.8
" No. 4 .	65.7	83.5	69.9



JUNE, 23 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.000	29.978	
Thermometer attached.	69.7	73.8	
" external No. 2.	76.3	79.0	
" " No. 3.	75.8	77.9	
" " No. 4.	77.4	79.3	
" Maximum .	83.0		
" " (Set) .	75.6		
" Minimum .	63.3		
" " (Set) .	75.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	77.2	80.2	71
" Wet " . . . .	69.8	71.0	64
Rain gauge C . . .			
Wind, force & direction.	7 <sup>th</sup> S	13 <sup>th</sup> S	
Clouds, amount & kind.	10 Pm Fm	9 Pm Fm Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		79.6	73.0
" No. 3 .		79.0	72.0
" No. 4 .	69.3	80.5	73.0

JUNE, 24 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.000	29.933	
Thermometer attached.	72.3	79.1	
" external No. 2.	82.0	89.7	
" " No. 3.	81.3	88.8	
" " No. 4.	82.9	90.2	
" Maximum .	82.0		
" " (Set) .	81.3		
" Minimum .	67.4		
" " (Set) .	81.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	83.0	90.4	69
" Wet " . . .	74.9	76.9	54
Rain gauge C . . .	0		
Wind, force & direction.	3- SW	7- W	
Clouds, amount & kind.	3 P Rs haze	<del>2 P Rs</del> 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		89.6	77.7
" No. 3 .		88.7	76.7
" No. 4 .	73.5	90.0	77.8



JUNE, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.896	29.907	
Thermometer attached.	76.2	81.3	
" external No. 2.	82.0	86.0	
" " No. 3.	80.8	85.0	
" " No. 4.	82.6	86.3	
" Maximum .	89.1		
" " (Set) .	81.3		
" Minimum .	72.8		
" " (Set) .	81.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	83.1	86.7	57
" Wet " . . .	71.6	71.0	45
Rain gauge C . . .	0		
Wind, force & direction.	7 <sup>th</sup> W	10 <sup>th</sup> W	
Clouds, amount & kind.	5 Pm fm R	2 M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		86.0	71.0
" No. 3 .		85.1	70.5
" No. 4 .	77.8	86.4	71.4

JUNE, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.118	30.018	
Thermometer attached.	72.0	77.2	At 9½ A. M.
" external No. 2.	74.0	75.8	Dry 75.2 Wet 74.3
" " No. 3.	73.7	74.5	No. 4 74.8
" " No. 4.	74.1	75.6	
" Maximum .	86.3		
" " (Set) .	74.0		Shower
" Minimum .	57.1		about
" " (Set) .	73.9		10 P. M.
" Solar max. .			
" " (Set) .			
" Dry bulb . .	74.2	76.4	49
" Wet " . . . .	61.9	65.7	56
Rain gauge C . . .	0		
Wind, force & direction.	5° E	8° E	
Clouds, amount & kind.	6 P. Rs	8 P. Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		73.0	68.9
" No. 3 .		71.8	68.0
" No. 4 .	67.0	72.8	68.7



JUNE, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.938	29.872	
Thermometer attached.	72.7	78.7	
" external No. 2.	80.0	86.0	At 10 A. M. Gauge A 1 $\frac{1}{8}$ ounces 0.011 inches
" " No. 3.	79.1	85.0	
" " No. 4.	80.9	86.9	
" Maximum .	79.9		
" " (Set) .	79.1		
" Minimum .	64.3		
" " (Set) .	79.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	81.2	86.7	73
" Wet " . . .	74.1	78.7	71
Rain gauge C . . .	0 $\frac{1}{4}$ ounces 0.022 inches		
Wind, force & direction.	3 <sup>rd</sup> S	3 <sup>rd</sup> S	
Clouds, amount & kind.	5 P <sub>2</sub> R <sub>3</sub> 7 <sup>th</sup> m	8 P <sub>1</sub> M 7 <sup>th</sup> m R <sub>3</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		85.2	
" No. 3 .		85.0	
" No. 4 .	68.2	86.5	

JUNE, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.794	29.838	
Thermometer attached.	76.9	82.1	
" external No. 2.	86.7	77.8	
" " No. 3.	85.8	77.0	
" " No. 4.	87.2	78.4	
" Maximum .	88.9		
" " (Set) .	85.7		
" Minimum .	71.7		
" " (Set) .	86.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	87.4	78.4	64
" Wet " . . . .	77.3	72.7	78
Rain gauge C . . . .	0.022 inches		
Wind, force & direction.	9-28 W	9- W	
Clouds, amount & kind.	6 M	9 Pm fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		90.8	
" No. 3 .		90.0	
" No. 4 .	78.7	91.1	

At 10: A.M.

Gauge A

2 1/4 ounces

0.022 inches

Shower after 3 P.M.  
with a little  
thunder & lightning\* Some "hosed"  
or "hail storm"  
cloud



JUNE, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.289	30.258	
Thermometer attached.	71.0	73.3	
" external No. 2.	67.1	63.9	
" " No. 3.	65.8	62.8	
" " No. 4.	66.8	63.3	
" Maximum .	lost		
" " (Set) .	68.0		
" Minimum .	58.0		
" " (Set) .	66.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	67.7	64.4	53
" Wet " . . .	57.2	56.0	60
Rain gauge C . . .	0.5 ounces 0.055 inches		
Wind, force & direction.	8 <sup>e</sup> E	7 <sup>e</sup> E	
Clouds, amount & kind.	4 P. R. Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		67.0	62.0
" No. 3 .		65.9	62.2
" No. 4 .	63.5	66.6	61.6

At 4<sup>1</sup>/<sub>4</sub> P.M.

gauge A

6 ounces  
0.052 inches

JUNE, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.028	29.988	
Thermometer attached.	69.6	75.3	
" external No. 2.	73.0	78.0	At 10 A.M.
" " No. 3.	71.7	75.9	gauge A
" " No. 4.	73.4	78.5	1 1/2 inches
" Maximum .	72.0		0.012 inches
" " (Set) .	72.0		
" Minimum .	60.8		* Shower just
" " (Set) .	71.9		before 4 P.M.
" Solar max. .			
" " (Set) .			
" Dry bulb . .	74.1	79.0	78
" Wet " . . .	68.6	74.8	85
Rain gauge C . . .	0 1/4 inches 0.022 inches		
Wind, force & direction.	2 <sup>e</sup> S	3 <sup>e</sup> SW	
Clouds, amount & kind.	10 Pm	5 Pm M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		81.9	72.5
" No. 3 .		80.9	72.3
" No. 4 .	64.0	82.1	73.0



July 1  
JUNE, 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.047	30.002	
Thermometer attached.	73.8	75.3	
" external No. 2.	75.8	71.2	At 10 A.M.
" " No. 3.	75.0	70.9	gauge A
" " No. 4.	76.4	72.1	12½ inches
" Maximum .	82.3		0.108 inches
" " (Set) .	75.2		
" Minimum .	67.1		
" " (Set) .	75.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	76.6	72.3	49
" Wet " . . .	63.8	61.0	52
Rain gauge C . . .	1½ inches 0.099 inches		
Wind, force & direction.	3 <sup>e</sup> W	41 <sup>e</sup> W	
Clouds, amount & kind.	10 Pm	10 Pm P M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		73.0	65.7
" No. 3 .		72.6	65.0
" No. 4 .		73.8	66.6



JULY, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.151	30.089	
Thermometer attached.	66.3	74.0	
" external No. 2.	70.9	76.0	
" " No. 3.	70.2	75.1	
" " No. 4.	71.3	76.2	
" Maximum .	76.3		
" " (Set) .	70.8		
" Minimum .	54.0		
" " (Set) .	70.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	72.0	76.8	37.8
" Wet " . . . .	57.0	59.2	31
Rain gauge C . . . .	0		
Wind, force & direction.	7 <sup>th</sup> W	4 <sup>th</sup> NW	
Clouds, amount & kind.	0 M Fin	1 M Fin	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.9	65.6
" No. 3 .		73.8	66.6
" No. 4 .		74.8	66.3



JULY, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.149	30.166	At 9 A.M. Day 74.2 Wet 73.3 No. 4. 74.2
Thermometer attached.	67.6	75.1	
" external No. 2.	76.0	77.4	
" " No. 3.	75.0	76.8	
" " No. 4.	76.4	77.8	
" Maximum .	76.0		
" " (Set) .	75.6		
" Minimum .	53.8		
" " (Set) .	75.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . . .	77.0	78.1	42
" Wet " . . . . .	62.3	62.5	39
Rain gauge C . . . .	0		
Wind, force & direction.	3 <sup>rd</sup> NE	3 <sup>rd</sup> SE	
Clouds, amount & kind.	2 A R s	9 R s v m m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		76.8	77.5
" No. 3 .		76.0	70.6
" No. 4 .	62.7	76.7	71.4

JULY, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.191	30.121	
Thermometer attached.	68.6	72.9	
" external No. 2.	76.1	75.0	
" " No. 3.	75.0	74.1	
" " No. 4.	76.9	75.3	
" Maximum .	80.6		
" " (Set) .	75.0		
" Minimum .	55.2		
" " (Set) .	75.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	77.2	75.6	53
" Wet " . . . .	65.4	68.0	69
Rain gauge C . . . .	0		
Wind, force & direction.	5 <sup>th</sup> S	9 <sup>th</sup> S	
Clouds, amount & kind.	9 Pm Fm Pm Ro	10 Pm M Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		76.1	70.3
" No. 3 .		75.9	69.5
" No. 4 .	67	77.1	70.4



JULY, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.144	30.104	At 9 $\frac{1}{4}$ A.M. Dry 81.6 Wet 80.8 No. 4 81.6
Thermometer attached.	73.3	78.8	
" external No. 2.	81.1	82.4	
" " No. 3.	80.9	81.8	
" " No. 4.	82.5	83.0	At 10 A.M.
" Maximum .	81.3		Gauge A
" (Set) .	80.7		1 $\frac{5}{8}$ inches
" Minimum .	68.1		0.014 inches
" (Set) .	80.6		
" Solar max. .			
" (Set) .			
" Dry bulb . .	82.1	82.9	69
" Wet " . . .	74.0	74.8	69
Rain gauge C . . .	0 $\frac{1}{2}$ inches 0.022 inches		
Wind, force & direction.	8 <sup>LSW</sup>	6 <sup>LS</sup>	
Clouds, amount & kind.	9 Pm M 7m P	9 Pm M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		85.0	72.8
" No. 3 .		84.1	72.0
" No. 4 .	74.5	85.7	73.5



JULY, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.096	30.025	
Thermometer attached.	75.0	81.2	At 7 $\frac{1}{2}$ A.M.
" external No. 2.	80.3	88.8	gauge A.
" " No. 3.	79.7	88.4	72 ounces
" " No. 4.	81.5	89.8	0.621 inches
" Maximum .	85.0		
" " (Set) .	77.7		
" Minimum .	69.0		
" " (Set) .	79.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	81.3	89.3	78
" Wet " . . . .	75.6	80.7	70
Rain gauge - C . . . .	7 $\frac{1}{2}$ ounces 0.629 inches		
Wind, force & direction.	4 $\frac{1}{2}$ S.W	4 $\frac{1}{2}$ S	
Clouds, amount & kind.	10 Pm Fm	9 Pm H Fm R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		89.1	70.5
" No. 3 .		88.3	70.2
" No. 4 .	74	89.6	71.6



JULY, 7 1875

	10 A. M.	4 P. M.	
Barometer . . . . .	30.130	30.199	
Thermometer attached,	76.0	77.4	At 10 $\frac{1}{2}$ A. M., gauge A 67 $\frac{3}{8}$ ounces 10.581 inches
" external No. 2,	68.9	73.0	
" " No. 3,	68.0	72.2	
" " No. 4,	69.0	73.0	
" Maximum .	89.7		
" (Set) .	69.0		
" Minimum .	68.0		
" (Set) .	68.0		
" Solar max. .			
" (Set) .			
" Dry bulb . .	69.8	73.6	87
" Wet " . . .	66.1	66.4	70
Rain gauge C . . .	67 $\frac{3}{8}$ ounces 0.607 inches		
Wind, force & direction.	8 <sup>2</sup> N	4 <sup>2</sup> E	
Clouds, amount & kind.	10 Pm	7 Pm R <sub>o</sub> R <sub>m</sub> Pm M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.1	65.9
" No. 3 .		73.1	65.0
" No. 4 .	75.5	74.3	66.2

JULY, 8 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.279	30.302	
Thermometer attached.	70.3	77.9	
" external No. 2.	77.7	75.9	
" " No. 3.	76.9	75.0	
" " No. 4.	78.0	75.8	
" Maximum .	77.3		
" " (Set) .	77.0		
" Minimum .	58.3		
" " (Set) .	77.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	78.7	76.1	67
" Wet " . . . .	70.2	67.4	65
Rain gauge C . . . .	6" N	4" SE	
Wind, force & direction.	4 M fm	8 Pm fm	
Clouds, amount & kind.	Rs		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		78.9	68.6
" No. 3 .		77.9	67.0
" No. 4 .	66.9	78.9	67.1



JULY, 9 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.245	30.156	
Thermometer attached.	71.9	77.6	
" external No. 2.	79.2	81.1	
" " No. 3.	78.7	80.4	
" " No. 4.	80.0	81.7	
" Maximum .	79.5		
" " (Set) .	78.8		
" Minimum .	62.1		
" " (Set) .	78.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	80.3	81.9	58
" Wet " . . . .	69.4	68.9	51
Rain gauge C . . .	0		
Wind, force & direction.	3 e S	7 e S	
Clouds, amount & kind.	2 RR Fm	8 RRs M Fm Rm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		83.7	67.5
" No. 3 .		83.1	66.6
" No. 4 .	69-8	84.7	67.3

JULY, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.972	29.878	
Thermometer attached.	71.8	76.6	
" external No. 2.	77.4	78.65	
" " No. 3.	76.9	78.1	
" " No. 4.	78.3	79.5	
" Maximum .	84.1		
" " (Set) .	76.8		
" Minimum .	62.1		
" " (Set) .	77.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	78.3	79.0	66
" Wet " . . .	69.6	68.5	59
Rain gauge C . . .	0		
Wind, force & direction.	7 <sup>th</sup> S	9 <sup>th</sup> S	
Clouds, amount & kind.	9 P R R S M 7 m	9 P R R M 7 m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		80.0	69.4
" No. 3 .		79.2	66.7
" No. 4 .	67.9	80.8	69.5



JULY, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.769	29.796	
Thermometer attached.	73.1	78.3	
" external No. 2.	79.0	80.0	
" " No. 3.	78.1	79.2	
" " No. 4.	80.0	80.4	
" Maximum .	82.4		
" " (Set) .	78.8		
" Minimum .	66.9		
" " (Set) .	78.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	80.2	80.8	64
" Wet " . . . .	70.9	63.8	37
Rain gauge C . . .			
Wind, force & direction.	5 <sup>th</sup> W	6 <sup>th</sup> W	
Clouds, amount & kind.	9 PzRs	3 PzRs 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		80.3	78.7
" No. 3 .		79.6	70.0
" No. 4 .	73-5	80.4	70.7

JULY, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.973	29.916	
Thermometer attached.	70.1	76.0	
" external No. 2.	75.8	76.0	
" " No. 3.	74.8	75.4	
" " No. 4.	76.1	76.6	
" Maximum .	81.9		
" " (Set) .	75.4		
" Minimum .	56.8		
" " (Set) .	75.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	77.0	76.6	45
" Wet " . . . .	63.1	64.3	50
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>e</sup> SW	11 <sup>e</sup> S	
Clouds, amount & kind.	1 RR 7m	8 RR 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		78.8	66.2
" No. 3 .		78.1	65.2
" No. 4 .	64-5	79.2	65.1



JULY, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.851	29.758	
Thermometer attached.	68.4	77.0	
" external No. 2.	78.9	83.0	
" " No. 3.	77.9	82.2	
" " No. 4.	79.5	83.7	
" Maximum .	79.1		
" " (Set) .	78.0		
" Minimum .	57.1		
" " (Set) .	78.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	80.4	83.8	49
" Wet " . . . .	66.9	69.2	47
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> S	6 <sup>th</sup> S	
Clouds, amount & kind.	1 Rs haze	9 Pz Rs Pm 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		83.7	
" No. 3 .		83.0	
" No. 4 .	65-4	84.3	

JULY, 14 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.793	29.798	
Thermometer attached.	72.2	78.2	
" external No. 2.	76.3	76.0	
" " No. 3.	75.8	75.0	
" " No. 4.	77.0	76.0	
" Maximum .	83.8		
" " (Set) .	76.2		
" Minimum .	63.9		
" " (Set) .	76.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	77.4	76.8	54
" Wet " . . .	65.9	65.2	54
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>rd</sup> NE	7 <sup>th</sup> E	
Clouds, amount & kind.	4 M fm	3 M fm haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		79.8	68.8
" No. 3 .		78.3	67.7
" No. 4 .	69.5	79.7	68.6



JULY, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.914	29.889	
Thermometer attached.	72.5	79.7	
" external No. 2.	79.3	81.9	
" " No. 3.	78.3	81.0	
" " No. 4.	79.6	81.8	
" Maximum .	82.6		
" " (Set) .	78.7		
" Minimum .	61.9		
" " (Set) .	78.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	80.4	82.8	46
" Wet " . . . .	66.2	66.3	41
Rain gauge C . . . .	0		
Wind, force & direction.	7-W	7-E	
Clouds, amount & kind.	0 Rs 7m	0 M 7m haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		85.0	73.1
" No. 3 .		83.9	72.6
" No. 4 .	68-7	85.1	73.0

JULY, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.860	29.774	
Thermometer attached.	73.8	74.4	
" external No. 2.	70.6	67.0	
" " No. 3.	69.7	66.6	
" " No. 4.	70.3	67.0	
" Maximum .	85.4		
" " (Set) .	70.3		
" Minimum .	66.0		
" " (Set) .	70.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	71.1	67.4	84
" Wet " . . .	67.0	64.9	93
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>e</sup> S	5 <sup>e</sup> E	
Clouds, amount & kind.	10 Pm; a little rain	10 Pm. raining	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		67.0	63.7
" No. 3 .		66.6	62.8
" No. 4 .	69.2	66.9	63.8



JULY, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.710	29.748	At 8 A.M.
Thermometer attached.	70.3	76.2	gauge A
" external No. 2.	77.9	79.7	19 $\frac{3}{4}$ omms
" " No. 3.	77.1	78.8	0.170 inches
" " No. 4.	78.1	79.7	
" Maximum .	77.5		
" " (Set) .	77.1		
" Minimum .	59.2		
" " (Set) .	77.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	78.8	80.3	58
" Wet " . . .	68.0	63.4	36
Rain gauge C . . .	2 omms 0.177 inches		
Wind, force & direction.	13 <sup>e</sup> W	13 <sup>e</sup> NW	
Clouds, amount & kind.	5 M fm haze	0 Rs fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		80.7	66.6
" No. 3 .		79.8	65.7
" No. 4 .	66.9	80.7	66.3

JULY, 18 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.828	29.784	
Thermometer attached.	69.6	70.0	
" external No. 2.	68.8	58.3	
" " No. 3.	68.0	58.0	Showers at times
" " No. 4.	68.4	59.2	
" Maximum .	80.7		
" " (Set) .	68.7		
" Minimum .	56.3		
" " (Set) .	68.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	69.2	59.9	86
" Wet " . . . .	56.7	56.2	85
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>th</sup> E	5 <sup>th</sup> E	
Clouds, amount & kind.	10 Pm	40 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		60.7	58.0
" No. 3 .		60.0	57.0
" No. 4 .	64-8	60.6	57.9



JULY, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.089	30.110	
Thermometer attached.	64.0	69.8	At 10 A.M.,
" external No. 2.	63.9	71.9	gauge A
" " No. 3.	62.9	71.0	25 <sup>7</sup> / <sub>8</sub> ounces
" " No. 4.	63.8	71.9	0.2 <sup>8</sup> / <sub>32</sub> inches.
" Maximum .	68.9		
" " (Set) .	64.0		
" Minimum .	53.1		
" " (Set) .	63.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	65.0	72.7	48
" Wet " . . .	53.9	55.9	30
Rain gauge C . . .	2 <sup>5</sup> / <sub>8</sub> ounces 0.232 inches		
Wind, force & direction.	10 <sup>2</sup> NW	13 <sup>2</sup> NW	
Clouds, amount & kind.	0 fm	0 vk fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		70.6	62.0
" No. 3 .		69.8	61.1
" No. 4 .	66.8	70.5	61.4

9:15 PM

JULY, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.080	30.001	
Thermometer attached.	64.9	72.7	
external No. 2.	73.0	76.0	
" No. 3.	71.8	75.4	
" No. 4.	73.0	76.7	
" Maximum .	72.7		
" (Set) .	72.3		
" Minimum .	50.0		
" (Set) .	72.2		
" Solar max. .			
" (Set) .			
Dry bulb . . . . .	74.3	76.8	53
Wet " . . . . .	63.0	62.8	44
Rain gauge C . . . . .	0		
Wind, force & direction.	3 <sup>rd</sup> W	7 <sup>th</sup> SW	
Clouds, amount & kind.	0 M 7m	9 P 11 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		77.8	65.3
" No. 3 .		76.9	64.6
" No. 4 .	59.9	78.2	65.1



JULY, 21 1875.

	10 A. M.	4 P. M.	At 9 <sup>3</sup> / <sub>4</sub> A. M.
Barometer . . . . .	29.893	29.831	Dry 72.6
Thermometer attached.	67.9	74.3	Wet 71.5
" external No. 2.	71.9	79.1	No. 4 72.4
" " No. 3.	71.1	78.3	
" " No. 4.	72.7	79.6	
" Maximum .	77.9		
" " (Set) .	72.0		
" Minimum .	57.7		
" " (Set) .	71.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	73.3	80.0	65
" Wet " . . .	65.3	69.7	60
Rain gauge - C . . .	0		
Wind, force & direction.	6 <sup>2</sup> S W	13 <sup>2</sup> S	
Clouds, amount & kind.	0 haze	2 M haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		81.3	
" No. 3 .		80.3	
" No. 4 .	62.5	81.5	

JULY, 22 1875.

	10 A. M.	4 P. M.	
Barometer	30.010	30.001	
Thermometer attached.	70.1	77.0	
" external No. 2.	76.8	78.0	
" " No. 3.	75.9	77.1	
" " No. 4.	77.1	78.2	
" Maximum	84.0		
" " (Set)	76.0		
" Minimum	61.7		
" " (Set)	76.1		
" Solar max.			
" " (Set)			
" Dry bulb	77.8	78.4	46
" Wet "	64.1	63.0	41
Rain gauge C	0		
Wind, force & direction.	5 <sup>e</sup> SW	6 <sup>e</sup> E	
Clouds, amount & kind.	3 P. R.	9 P. R. fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2		82.8	71.6
" No. 3		82.0	70.5
" No. 4	66.5	83.6	71.4



JULY, 23 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.846	29.816	At 10 A.M. gauge A 78 ounces 0.672 inches
Thermometer attached.	71.7	70.9	
" external No. 2.	66.6	63.5	
" " No. 3.	65.9	63.1	
" " No. 4.	66.8	64.0	
" Maximum .	83.3		
" " (Set) .	66.0		
" Minimum .	64.8		
" " (Set) .	65.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	67.8	64.8	91.
" Wet " . . .	65.0	62.4	93
Rain gauge C . . .	78 ounces 0.695 inches		
Wind, force & direction.	8 E	8 N	
Clouds, amount & kind.	10 Pm 7m	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		64.6	64.8
" No. 3 .		64.0	64.6
" No. 4 .	67.5	64.9	65.3

JULY, 24 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.928	29.960	At 10 A. M.,
Thermometer attached.	68.5	76.2	Gauge A
" external No. 2.	74.8	80.7	24.3
" " No. 3.	73.8	79.7	0.213 inches
" " No. 4.	74.7	80.6	
" Maximum .	73.7		
" " (Set) .	73.4		
" Minimum .	59.0		
" " (Set) .	74.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	75.7	81.4	58
" Wet " . . .	65.3	67.0	46
Rain gauge C . . .	23.0 inches 0.210 inches		
Wind, force & direction.	9 <sup>th</sup> W	7 <sup>th</sup> W	
Clouds, amount & kind.	1 R haze	2 M Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		80.6	
" No. 3 .		79.8	
" No. 4 .	63	80.7	



JULY, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.149	30.132	
Thermometer attached.	68.2	76.2	
" external No. 2.	74.7	80.0	
" " No. 3.	73.6	79.0	
" " No. 4.	74.7	80.4	
" Maximum .	80.5	8	
" " (Set) .	74.0		
" Minimum .	58.0		
" " (Set) .	73.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	75.0	80.7	51
" Wet " . . .	62.9	66.9	48
Rain gauge - C . . .			
Wind, force & direction.	2. W.	3. W	
Clouds, amount & kind.	None	Hazy all over	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		79.4	70.0
" No. 3 .		78.5	69.2
" No. 4 .	64.7	79.5	69.6

JULY, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.149	30.090	
Thermometer attached.	71.0	78.4	
" external No. 2.	80.8	80.6	
" " No. 3.	79.8	80.0	
" " No. 4.	81.5	81.0	
" Maximum .	80.3		
" " (Set) .	80.0		
" Minimum .	59.8		
" " (Set) .	80.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	84.7	81.0	60
" Wet " . . .	71.3	72.1	66
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>e</sup> SW	10 <sup>e</sup> S	
Clouds, amount & kind.	9 Pm Rs	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		84.1	73.2
" No. 3 .		83.7	71.0
" No. 4 .	66.4	85.1	72.1



JULY, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.002	29.950	At 8 A. M.
Thermometer attached.	74.8	80.0	gauge A
" external No. 2.	80.3	81.9	2 ounces
" " No. 3.	79.7	80.8	0.017 inches
" " No. 4.	80.6	82.2	
" Maximum .	86.0		
" " (Set) .	79.5		
" Minimum .	67.5		
" " (Set) .	79.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	81.2	83.0	62
" Wet " . . . .	71.3	72.4	60
Rain gauge C . . .	0.022 inches		
Wind, force & direction.	3 <sup>e</sup> NW	1 <sup>e</sup> NW	
Clouds, amount & kind.	4 Rs, Rm hazy	4 M, Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		85.7	75.0
" No. 3 .		84.6	74.3
" No. 4 .	72.4	85.8	74.9

JULY, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.913	29.910	
Thermometer attached.	73.2	76.7	
" external No. 2.	70.3	78.0	
" " No. 3.	69.6	77.0	
" " No. 4.	70.6	78.4	
" Maximum .	86.0		
" " (Set) .	70.1		
" Minimum .	66.3		
" " (Set) .	69.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	70.9	79.0	74
" Wet " . . . .	64.9	66.8	53
Rain gauge C . . .	0.7 inches		
Wind, force & direction.	0 <sup>th</sup> NW	3 <sup>rd</sup> NW	
Clouds, amount & kind.	WPM a little rain	4 M fm haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		76.6	
" No. 3 .		75.6	
" No. 4 .	67.2	77.0	



JULY, 29 1875

	10 A. M.	4 P. M.	
Barometer . . . . .	30.006	29.970	At 10 A.M.
Thermometer attached.	71.4	77.2	gauge A
" external No. 2.	79.0	77.0	1 1/8 inches
" " No. 3.	78.0	76.4	0.010 inches
" " No. 4.	79.8	77.5	
" Maximum .	78.5		
" " (Set) .	78.0		
" Minimum .	60.4		
" " (Set) .	78.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	80.1	77.7	60
" Wet " . . .	69.8	69.4	67
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>c</sup> W	5 <sup>c</sup> S	
Clouds, amount & kind.	10 Bm haze	10 Bm	
	7 A. M.	3 P. M.	9 P. M.
Thermometer No. 2 .		79.3	66.4
" No. 3 .		78.8	65.6
" No. 4 .	67.9	80.1	65.5

JULY, 30 1875.

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	10 A. M.	4 P. M.	
Barometer	29.955	29.893	At 10 AM, Gauge A 18 3/4 inches 0.162 inches
Thermometer attached.	70.8	78.1	
" external No. 2.	72.7	81.9	
" " No. 3.	71.8	81.0	
" " No. 4.	73.0	82.2	
" Maximum	83.8		
" " (Set)	70.8		
" Minimum	61.0		
" " (Set)	71.9		
" Solar max.			
" " (Set)			
" Dry bulb	73.8	82.4	67
" Wet "	65.8	68.6	52
Rain-gauge C	20 mm 0.177 inches		
Wind, force & direction.	2 <sup>e</sup> W	5 <sup>e</sup> SW	
Clouds, amount & kind.	4 M 7m	1 haze 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2		81.0	72.3
" No. 3		80.0	71.0
" No. 4	65.5	81.2	71.9



JULY, 31 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.061	30.032	
Thermometer attached.	69.5	74.9	
" external No. 2.	69.2	74.8	
" " No. 3.	68.4	74.6	
" " No. 4.	69.3	75.3	
" Maximum .	81.5		
" " (Set) .	69.0		
" Minimum .	60.0		
" " (Set) .	68.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	70.2	75.4	45
" Wet " . . . .	57.7	60.6	40
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>th</sup> NW	5 <sup>th</sup> NW	
Clouds, amount & kind.	0 fm Rs	7 P <sub>2</sub> Rs M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		75.7	65.4
" No. 3 .		74.6	64.8
" No. 4 .	63-9	75.4	65.0

AUGUST, 1 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.180	30.165	
Thermometer attached.	67.0	73.0	
" external No. 2.	67.1	72.7	
" " No. 3.	66.1	72.0	
" " No. 4.	67.1	72.9	
" Maximum . . . . .	76.0		
" " (Set) . . . . .	67.3		
" Minimum . . . . .	54.5		
" " (Set) . . . . .	66.5		
" Solar max. . . . .			
" " (Set) . . . . .			
" Dry bulb . . . . .	68.2	72.9	43
" Wet " . . . . .	55.4	57.2	35
Rain gauge C . . . . .	0		
Wind, force & direction.	6 <sup>2</sup> NW	4 <sup>2</sup> NW	
Clouds, amount & kind.	1 R	8 R R R R R 7 m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 . . . . .		71.6	65.0
" No. 3 . . . . .		70.5	64.4
" No. 4 . . . . .	59.2	71.4	64.9



AUGUST, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.313	30.318	
Thermometer attached.	68.2	70.1	
" external No. 2.	64.6	65.9	
" " No. 3.	63.7	65.4	
" " No. 4.	64.7	65.9	
" Maximum .	72.2		
" " (Set) .	64.4		
" Minimum .	59.0		
" " (Set) .	63.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	65.5	65.9	60
" Wet " . . .	57.0	57.1	65
Rain gauge C . . .	0	"	"
Wind, force & direction.	3° NE	3° SE	
Clouds, amount & kind.	10 Pm	10 Pm; a little rain	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		68.3	58.9
" No. 3 .		67.9	57.8
" No. 4 .	61.5	69.2	56.8



AUGUST, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.248	30.148	
Thermometer attached.	64.8	65.7	At 10 A. M.
" external No. 2.	58.9	61.9	gauge A
" " No. 3.	58.1	61.0	10.83 ounces
" " No. 4.	58.7	61.9	0.937 inches
" Maximum .	69.0		At 4 P. M. 61 ounces
" " (Set) .	58.8		0.536 inches
" Minimum .	57.0		Frequent
" " (Set) .	58.0		showers
" Solar max. .			
" " (Set) .			
" Dry bulb . .	59.8	62.8	97
" Wet " . . .	58.1	67.3	98
Rain gauge C . . .	11 ounces 0.971 inches	6 1/2 ounces 0.574 inches	
Wind, force & direction.	9 <sup>th</sup> E	3 <sup>rd</sup> NW	
Clouds, amount & kind.	10 Pm. raining	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		61.6	56.7
" No. 3 .		61.0	55.7
" No. 4 .	68.4	61.9	56.0



AUGUST, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.156	30.090	At 10 A.M.
Thermometer attached.	64.4	71.0	gauge A
" external No. 2.	64.2	81.0	9 o'clock
" " No. 3.	63.8	80.6	0.078 inches
" " No. 4.	64.9	81.7	At 4 P.M. } 0.526 "
" Maximum .	63.6		Aug. 3 }
" " (Set) .	63.2		
" Minimum .	55.0		
" " (Set) .	64.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	65.8	81.8	94
" Wet " . . .	63.5	74.4	72
Rain gauge C . . .	1 ounce * 0.088 inches		* At 4 P.M. Aug. 3 Gauge C 0.574
Wind, force & direction.	0 calm	9 e s	10 A.M. " 4 0.088
Clouds, amount & kind.	10 Pm fog	7 Pm M 7m Rs	In all 0.662 inches
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.0*	71.8
" No. 3 .		74.8	71.7
" No. 4 .	59-6	76.2	70.6

\* No cause detected for this low reading. Woodwork damp near the case?



AUGUST, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.012	29.947	
Thermometer attached.	74.6	74.8	At 10 A.M.,
" external No. 2.	73.3	75.0	gauge A
" " No. 3.	73.0	74.5	13 $\frac{3}{4}$ ounces
" " No. 4.	74.3	75.7	0.115 inches
" Maximum .	81.3		At 4 P.M.,
" " (Set) .	71.6		3.0 ounces
" Minimum .	64.0		0.259 inches
" " (Set) .	73.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	74.4	76.4	87
" Wet " . . .	70.8	73.1	88
Rain gauge C . . .	13 $\frac{1}{8}$ ounces 0.121 inches	2 $\frac{7}{8}$ ounces 0.254 inches	
Wind, force & direction.	3 <sup>rd</sup> S	0 <sup>th</sup> SW	
Clouds, amount & kind.	10 Pm	10 Pm M 7m	Shows with some
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		78.4	67.9
" No. 3 .		78.1	67.6
" No. 4 .	70.4	79.0	67.9

Thunder;  
or heavy shower  
about 2 P.M.



AUGUST, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.021	30.023	At 7 A. M.
Thermometer attached.	70.0	76.9	Gauge A 19 inches
" external No. 2.	76.0	76.4	0.168 inches
" " No. 3.	75.4	75.9	At 4 P. M. } 0.259 "
" " No. 4.	76.5	76.7	Aug. 5 }
" Maximum .	80.8		
" " (Set) .	72.7		
" Minimum .	60.6		
" " (Set) .	75.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	77.4	77.0	69
" Wet " . . .	69.6	67.7	63
Rain gauge C . . .	* 1 1/2 inches 0.165 inches		* Gauge C At 4 P. M. Aug. 5 0.254 inches " 10 A. M. " 6 0.165 "
Wind, force & direction.	4 <sup>th</sup> S	5 <sup>th</sup> S E	In all 0.419 "
Clouds, amount & kind.	4 haze	5 R. M. haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		77.7	69.8
" No. 3 .		76.7	68.8
" No. 4 .	67-2	77.7	69.7

AUGUST, 7 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.948	29.942	
Thermometer attached.	74.3	78.6	
" external No. 2.	80.9	83.6	
" " No. 3.	80.0	82.7	A few drops of rain about 8 A.M.
" " No. 4.	81.4	83.9	
" Maximum .	80.4		
" " (Set) .	79.9		
" Minimum .	68.1		
" " (Set) .	80.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	81.7	84.2	73
" Wet " . . . .	74.7	74.4	64
Rain gauge C . . .	0		
Wind, force & direction.	12 <sup>e</sup> S	14 <sup>e</sup> S	
Clouds, amount & kind.	10 Pm 7m M Rm R	5 Pm M 7m R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		83.2	73.9
" No. 3 .		82.8	72.9
" No. 4 .	73-8	83.8	73.8



AUGUST, 8 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.004	30.003	
Thermometer attached.	75.0	76.8	
" external No. 2.	77.9	75.0	
" " No. 3.	77.4	74.6	
" " No. 4.	78.6	76.0	
" Maximum .	84.0		
" " (Set) .	75.4		
" Minimum .	69.1		
" " (Set) .	77.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	79.0	76.1	7.6
" Wet " . . .	72.7	70.3	77
Rain gauge C . . .	1 3/4 inches 0.15 inches 3 2 5	5 c s	
Wind, force & direction.	8 Pm Ro Pm 7m	8 Pm 7m Pm Pm	
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.9	71.7
" No. 3 .		74.8	70.3
" No. 4 .	70.8	75.7	71.4

AUGUST, 9 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.999	29.974	
Thermometer attached.	72.0	78.7	At 10 A. M.
" external No. 2.	76.0	79.5	gauge A
" " No. 3.	75.0	78.8	20 ounces
" " No. 4.	76.2	79.8	0.172 inches
" Maximum .	78.0		
" " (Set) .	75.5		
" Minimum .	63.6		
" " (Set) .	75.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	77.1	80.2	72
" Wet " . . . .	69.9	65.3	43
Rain gauge C . . .	0.022 inches		
Wind, force & direction.	3-8 W	7- W	
Clouds, amount & kind.	3 M Fm Rs	2 M Fm Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		81.1	69.6
" No. 3 .		80.1	68.5
" No. 4 .	67.4	81.4	68.9



AUGUST, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.986	29.980	
Thermometer attached.	72.2	78.7	
" external No. 2.	76.4	81.2	
" " No. 3.	75.2	80.8	
" " No. 4.	76.4	82.0	
" Maximum .	81.2		
" " (Set) .	75.7		
" Minimum .	61.3		
" " (Set) .	75.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	77.2	82.0	55
" Wet " . . .	66.2	67.3	45
Rain gauge C . . .	0		
Wind, force & direction.	0 <sup>th</sup> NW	8 <sup>th</sup> W	
Clouds, amount & kind.	2 Rshaze	5 R R N 7 m haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		82.6	71.2
" No. 3 .		81.7	70.4
" No. 4 .	66.5	83.0	71.8

AUGUST, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.114	30.116	
Thermometer attached.	73.0	78.0	
" external No. 2.	79.1	79.0	
" " No. 3.	78.6	78.7	
" " No. 4.	79.9	79.9	
" Maximum .	82.0		
" " (Set) .	78.3		
" Minimum .	61.7		
" " (Set) .	78.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	79.9	79.7	69
" Wet " . . .	71.9	69.0	59
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>e</sup> W	5 <sup>e</sup> S E	
Clouds, amount & kind.	9 P. S. M. thin haze	10 P. S. M. R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		81.2	71.6
" No. 3 .		80.9	70.7
" No. 4 .	67.2	82.3	71.8



AUGUST, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.129	30.098	
Thermometer attached.	75.4	80.0	At 10 A.M.
" external No. 2.	78.1	84.1	gauge to
" " No. 3.	77.2	83.5	5 <sup>3</sup> / <sub>8</sub> inches
" " No. 4.	78.7	84.5	0.046 inches
" Maximum .	82.4		
" " (Set) .	77.6		
" Minimum .	70.3		Ry 8 1/4
" " (Set) .	77.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	79.1	84.9	87
" Wet " . . .	75.3	75.3	64
Rain gauge C . . .	0 <sup>3</sup> / <sub>8</sub> inches a 55 inches		
Wind, force & direction.	7 <sup>es</sup>	6 <sup>es</sup>	
Clouds, amount & kind.	10 Pm	5 M 7m Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		85.1	76.0
" No. 3 .		84.6	75.0
" No. 4 .	76.1	85.8	76.0

AUGUST, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.099	30.020	
Thermometer attached.	77.6	82.2	
" external No. 2.	82.8	84.1	
" " No. 3.	81.3	83.4	
" " No. 4.	82.8	84.4	
" Maximum .	84.8		
" (Set) .	82.0		
" Minimum .	73.2		
" (Set) .	81.8		
" Solar max. .			
" (Set) .			
" Dry bulb . .	83.7	84.8	71
" Wet " . . .	75.9	76.3	68
Rain gauge C . . .	0		
Wind, force & direction.	10 <sup>th</sup> S	15 <sup>th</sup> SW	
Clouds, amount & kind.	5 M 7 m Rs	5 M 7 m Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		86.2	
" No. 3 .		85.2	
" No. 4 .	77.1	86.7	



AUGUST, 14 1875.

	10 A. M.	4½ P. M.	
Barometer . . . . .	29.990	29.972	
Thermometer attached.	77.3	83.1	At 10 A.M.
" external No. 2.	79.1	83.9	gauge A
" " No. 3.	78.6	83.4	2 ounces
" " No. 4.	79.9	83.9	0.017 inches
" Maximum .	86.7		At 4½ P.M.
" (Set) .	79.0		0.7 ounces
" Minimum .	71.0		0.007 inches
" (Set) .	78.6		Slight
" Solar max. .			showing
" (Set) .			about
" Dry bulb . .	80.2	84.8	68 1¼ P.M.
" Wet " . . .	71.9	74.0	60
Rain gauge C . . .	0 ¼ ounces 0.022 inches		
Wind, force & direction.	4 <sup>th</sup> W	2 <sup>nd</sup> W	
Clouds, amount & kind.	9 M Fog R	9 P. R Pm M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		79.6	75.0
" No. 3 .		78.9	74.3
" No. 4 .	73.2	80.4	74.9



AUGUST, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.006	29.995	
Thermometer attached.	76.7	82.1	
" external No. 2.	81.7	84.0	
" " No. 3.	80.5	83.6	
" " No. 4.	81.6	84.8	
" Maximum .	84.9		
" " (Set) .	81.0		
" Minimum .	68.0		
" " (Set) .	81.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	82.7	84.7	63
" Wet " . . .	72.8	74.6	63
Rain gauge C . . .	0.011 inches		
Wind, force & direction.	1 <sup>st</sup> SW	5 <sup>th</sup> SE	
Clouds, amount & kind.	0 Partly haze	10 Partly haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		81.7	78.1
" No. 3 .		81.0	74.3
" No. 4 .	71.8	81.7	74.8



AUGUST, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.966	29.928	
Thermometer attached.	76.7	77.7	
" external No. 2.	* 71.2	71.8	* Scale wet
" " No. 3.	72.1	71.0	
" " No. 4.	73.2	71.7	
" Maximum .	81.3		At 4 P. M.
" " (Set) .	* 71.0		gauge A
" Minimum .	70.2		63 $\frac{1}{8}$ ounces
" " (Set) .	* 71.1		0.544 inches
" Solar max. .			
" " (Set) .			
" Dry bulb . .	* 72.0	72.3	96
" Wet " . . .	70.4	67.8	82
Rain gauge C . . .	1 $\frac{7}{8}$ ounces 0.165 inches	4 $\frac{1}{2}$ ounces 0.364 inches	
Wind, force & direction.	2 <sup>nd</sup> S E	6 <sup>th</sup> E	
Clouds, amount & kind.	10 Pm raining	10 Pm M Fog	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		* 74.1	68.3
" No. 3 .		75.0	67.6
" No. 4 .	73.5	76.8	68.1



AUGUST, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.004	29.993	
Thermometer attached.	73.8	74.5	
" external No. 2.	68.6	71.1	
" " No. 3.	67.9	70.2	
" " No. 4.	68.8	71.2	
" Maximum .	73.1		
" " (Set) .	68.4		
" Minimum .	65.6		
" " (Set) .	68.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	69.2	71.9	86
" Wet " . . . .	65.4	66.9	80
Rain gauge C . . .	X 0 $\frac{1}{8}$ inches 0.01 inches		X Gauge C At 4 P.M. Aug. 16; 0.364 10 A.M. " 17; 0.011
Wind, force & direction.	3 <sup>e</sup> NE	1 <sup>e</sup> E	In all 0.375 inches
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		70.0	
" No. 3 .		69.6	
" No. 4 .	67-2	70.1	



AUGUST, 18 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.974	29.851	
Thermometer attached.	72.5	73.7	
" external No. 2.	70.8	70.0	Heavy
" " No. 3.	69.9	69.2	shower
" " No. 4.	70.9	70.0	began
" Maximum .	72.3		about
" " (Set) .	70.6		1 $\frac{3}{4}$ P.M.
" Minimum .	64.9		ending
" " (Set) .	70.0		about 2 P.M.
" Solar max. .			Other showers
" " (Set) .			later
" Dry bulb . .	71.8	71.0	At 4 P.M.
" Wet " . . .	67.0	69.5	gauge A
Rain gauge C . . .	0	5 $\frac{3}{8}$ ounces	56 $\frac{1}{4}$ ounces
	4 <sup>th</sup> E	4 <sup>th</sup> S E	0.485 inches
Wind, force & direction.	10 Pm Fm	10 Pm M Fm	82
Clouds, amount & kind.		Rs	97
			At 6 $\frac{1}{4}$ P.M.
			Gauge C 18 $\frac{3}{4}$ ounces
			1.655 inches
			Gauge A 190 $\frac{1}{8}$ ounces
			1.640 inches
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		68.0	
" No. 3 .		67.4	
" No. 4 .	67.5	68.0	69.5



AUGUST, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.863	29.878	
Thermometer attached.	74.0	79.0	At 7 1/2 A.M.
" external No. 2.	76.9 +	79.8	gauge A
" " No. 3.	77.6 +	78.5	2 annies
" " No. 4.	79.8	80.2	0.017 inches
" Maximum .	76.8		
" " (Set) .	75.8		
" Minimum .	67.1		+ Damp
" " (Set) .	78.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	80.2	80.4	79
" Wet " . . . .	74.6	74.6	78
Rain gauge C . . .	to 1/2 annies 0.011 inches		x Gauge C
Wind, force & direction.	1 <sup>st</sup> SW	4 <sup>th</sup> S	Aug. 18, 4 P.M. 0.077 inches
Clouds, amount & kind.	8 P.m. M 7m R	10 P.m. M 7m	6 P.M. 1.655 "
			Aug. 19, 10 A.M. 0.011 "
			In all 2.140 "
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		82.2	
" No. 3 .		81.7	
" No. 4 .	74.8	82.7	73.3



AUGUST, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.992	29.987	
Thermometer attached.	75.6	79.0	
" external No. 2.	79.3	76.7 <sup>x</sup>	
" " No. 3.	78.4	77.6	Thunder
" " No. 4.	80.1	79.0	shown
" Maximum .	83.6		1 to 2 P.M.
" " (Set) .	78.3		At 4 P.M.
" Minimum .	69.3		gauge A
" " (Set) .	78.9		4.3 $\frac{1}{2}$ ounces
" Solar max. .			0.373 inches
" " (Set) .			+ Damp?
" Dry bulb . .	80.4	78.0 <sup>x</sup>	73
" Wet " . . .	73.4	74.3	87
Rain gauge C . . .	0	4 $\frac{1}{2}$ ounces 0.364 inches	
Wind, force & direction.	1 <sup>st</sup> S	1 <sup>st</sup> S W	
Clouds, amount & kind.	10 Pm M 7m Ro	10 Pm M 7m Ro	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		+70.0	
" No. 3 .		69.8	
" No. 4 .	72.4	71.4	72.0

AUGUST, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.140	30.132	
Thermometer attached.	74.5	80.6	
" external No. 2.	77.2	81.4	
" " No. 3.	76.1	80.6	
" " No. 4.	77.2	81.7	
" Maximum .	83.6		
" " (Set) .	76.6		
" Minimum .	67.0		
" " (Set) .	76.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	78.3	82.1	63
" Wet " . . . .	69.0	69.5	52
Rain gauge C . . .	0*		* At 4 P.M. Aug. 20 0.364 inches
Wind, force & direction.	3 <sup>rd</sup> W	4 <sup>th</sup> W	
Clouds, amount & kind.	100% Fm	40% Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		82.0	
" No. 3 .		81.9	
" No. 4 .	72.0	82.3	70.5



AUGUST, 22<sup>1875</sup>.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.228	30.183	
Thermometer attached.	73.2	78.9	
" external No. 2.	75.7	78.4	
" " No. 3.	74.7	77.9	
" " No. 4.	76.0	78.8	
" Maximum . . . . .	82.0		
" " (Set) . . . . .	75.1		
" Minimum . . . . .	62.4		Some rain
" " (Set) . . . . .	75.0		after noon
" Solar max. . . . .			
" " (Set) . . . . .			
" Dry bulb . . . . .	76.8	78.8	68
" Wet " . . . . .	68.9	69.9	65
Rain gauge C . . . . .	0		
Wind, force & direction.	4 <sup>2</sup> SW	10 <sup>2</sup> S	
Clouds, amount & kind.	5 Pz R <sub>2</sub> 7m	10 Pz P <sub>m</sub> R <sub>2</sub> M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 . . . . .		81.0	
" No. 3 . . . . .		80.0	
" No. 4 . . . . .	67.8	81.3	

AUGUST, 23 1875.

	8 10 A. M.	4 P. M.	
Barometer . . . . .	30.340	30.368	
Thermometer attached.	71.4	74.0	
" external No. 2.	62.5	64.1	
" " No. 3.	61.6	63.4	
" " No. 4.	62.6	63.7	
" Maximum .	80.9		At 1 1/2 P. M., gauge A 19 ounces 0.464 inches
" " (Set) .	62.6		
" Minimum .	60.2		
" " (Set) .	61.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . . . .	63.6	64.4	72
" Wet " . . . . .	57.4	56.2	62
Rain gauge C . . . . .	2 ounces 0.177 inches		
Wind, force & direction.	11 <sup>th</sup> NW	3 <sup>rd</sup> E	
Clouds, amount & kind.	10 P. B. Pm 7m Pm	10 Pm 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 . . . . .		64.4	
" " No. 3 . . . . .		64.0	
" " No. 4 . . . . .	61.0	64.3	59.7



AUGUST, 24 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.399	30.381	
Thermometer attached.	67.8	74.0	
" external No. 2.	66.9	67.6	
" " No. 3.	65.9	66.9	
" " No. 4.	66.7	67.4	
" Maximum .	66.3		
" " (Set) .	66.4		
" Minimum .	55.0		
" " (Set) .	66.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	67.7	68.2	55
" Wet " . . .	57.7	56.8	49
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>th</sup> N	7 <sup>th</sup> E	
Clouds, amount & kind.	5 Rs M fm	9 Rs M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		69.2	
" No. 3 .		68.4	
" No. 4 .	59.8	69.0	

AUGUST, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.378	30.350	
Thermometer attached.	67.9	73.2	
" external No. 2.	66.0	69.1	
" " No. 3.	65.0	68.4	
" " No. 4.	66.0	69.1	
" Maximum .	69.2		
" " (Set) .	65.9		
" Minimum .	56.0		
" " (Set) .	65.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	67.0	69.9	59
" Wet " . . . .	57.8	57.0	44
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>e</sup> E	5 <sup>e</sup> E	
Clouds, amount & kind.	10 Pz R s Bm	0 Pz R haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		70.9	
" No. 3 .		70.0	
" No. 4 .		70.9	59.6



AUGUST, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.310	30.290	
Thermometer attached.	64.7	72.7	
" external No. 2.	67.9	70.8	
" " No. 3.	66.9	70.0	
" " No. 4.	67.8	70.8	
" Maximum .	70.9		
" " (Set) .	67.4		
" Minimum .	50.1		
" " (Set) .	67.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	68.9	71.4	50
" Wet " . . .	57.6	56.3	35
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>th</sup> E	3 <sup>rd</sup> S E	
Clouds, amount & kind.	0 haze	0 haze Ro 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		72.0	
" No. 3 .		71.2	
" No. 4 .		72.2	60.3

AUGUST, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.314	30.291	
Thermometer attached.	64.8	72.3	
" external No. 2.	69.0	71.4	
" " No. 3.	68.1	70.4	
" " No. 4.	69.3	71.5	
" Maximum .	71.4		
" " (Set) .	68.4		
" Minimum .	50.0		
" " (Set) .	68.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	70.1	72.3	45
" Wet " . . .	57.6	61.7	54
Rain gauge C . . .			
Wind, force & direction.	7 <sup>e</sup> E	2 <sup>e</sup> SE	
Clouds, amount & kind.	1 R haze	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		72.0	
" No. 3 .		71.1	
" No. 4 .	53.2	72.0	61.3



AUGUST, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.269	30.185	
Thermometer attached.	65.7	73.7	
" external No. 2.	69.1	75.7	
" " No. 3.	68.0	75.0	
" " No. 4.	68.8	76.1	
" Maximum .	71.8		
" " (Set) .	68.7		
" Minimum .	48.4		
" " (Set) .	68.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	70.7	76.6	63
" Wet " . . . .	62.4	63.8	49
Rain gauge C . . .	0		
Wind, force & direction.	0° SE	3° SE	
Clouds, amount & kind.	0 haze R	1 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		77.0	
" No. 3 .		76.0	
" No. 4 .	53.3	77.0	64.0

AUGUST, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.049	29.997	
Thermometer attached.	67.3	75.9	
" external No. 2.	75.4	82.1	
" " No. 3.	74.0	81.4	
" " No. 4.	74.9	82.3	
" Maximum .	76.0		
" " (Set) .	74.3		
" Minimum .	55.0		
" " (Set) .	74.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	76.4	83.0	62
" Wet " . . .	67.1	67.8	44
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>e</sup> NW	4 <sup>e</sup> NW	
Clouds, amount & kind.	0 haze	5 P. R. R haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		81.9	
" No. 3 .		80.9	
" No. 4 .	62.3	81.8	60.3



AUGUST, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.985	29.955	
Thermometer attached.	70.0	77.8	
" external No. 2.	77.4	80.5	
" " No. 3.	76.6	79.8	
" " No. 4.	77.6	80.6	
" Maximum .	81.8		
" " (Set) .	76.6		
" Minimum .	59.4		
" " (Set) .	76.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	78.6	81.1	64
" Wet " . . .	69.4	68.9	54
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> NE	4 <sup>th</sup> <del>NE</del> E	
Clouds, amount & kind.	3 P. R <sub>1</sub> fm	6 P. R <sub>1</sub> haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		81.8	
" No. 3 .		80.9	
" No. 4 .		82.0	68.5

AUGUST, 31 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.068	30.099	
Thermometer attached.	71.0	77.8	
" external No. 2.	76.0	74.8	
" " No. 3.	75.0	73.7	
" " No. 4.	76.0	74.7	
" Maximum .	81.0		
" " (Set) .	75.3		
" Minimum .	60.1		
" " (Set) .	75.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	76.8	75.4	67
" Wet " . . . .	68.6	67.5	68
Rain gauge C . . .	0		
Wind, force & direction.	8 <sup>c</sup> NW	7 <sup>c</sup> E	
Clouds, amount & kind.	3 M. Fr haze	1 R haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		77.9	
" No. 3 .		76.9	
" No. 4 .	66.5	77.8	64.4



SEPTEMBER, 1 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.236	30.214	
Thermometer attached.	69.1	76.1	
" external No. 2.	73.7	72.8	
" " No. 3.	72.7	71.9	
" " No. 4.	73.5	72.6	
" Maximum .	78.0		
" " (Set) .	73.0		
" Minimum .	57.1		
" " (Set) .	72.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	74.5	73.3	62
" Wet " . . .	65.3	62.3	54
Rain gauge C . . .	0		
Wind, force & direction.	2 <sup>nd</sup> SE	6 <sup>th</sup> E	
Clouds, amount & kind.	0 haze	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.0	
" No. 3 .		73.0	
" No. 4 .	61.3	73.9	63.2

SEPTEMBER, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.096	30.006	
Thermometer attached.	68.7	75.6	
" external No. 2.	68.1	75.7	
" " No. 3.	66.9	75.0	
" " No. 4.	68.0	75.8	
" Maximum .	73.9		Fog early
" " (Set) .	68.0		
" Minimum .	55.2		
" " (Set) .	67.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	69.5	76.4	75
" Wet " . . . .	63.4	69.5	73
Rain gauge C . . .	0		
Wind, force & direction.	2 <sup>e</sup> S	4 <sup>e</sup> SE	
Clouds, amount & kind.	0 haze	2 haze M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.0	
" No. 3 .		73.6	
" No. 4 .	67.8	74.2	67.3



SEPTEMBER, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.938	29.914	
Thermometer attached.	72.0	78.0	
" external No. 2.	77.0	73.5	
" " No. 3.	76.1	72.8	
" " No. 4.	77.2	73.2	
" Maximum .	76.6		
" " (Set) .	76.5		
" Minimum .	63.3		
" " (Set) .	76.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	78.2	73.5	67
" Wet " . . .	69.9	67.0	73
Rain gauge C . . .	0		
Wind, force & direction.	2 <sup>nd</sup> SE	5 <sup>th</sup> E	
Clouds, amount & kind.	5 p. R. 7m large	9 p. R. 7m M. large	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		77.8	
" No. 3 .		76.7	
" No. 4 .		77.7	

SEPTEMBER, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.720	29.618	
Thermometer attached.	73.0	79.0	Heavy
" external No. 2.	74.1	84.0	showers
" " No. 3.	73.1	83.1	3 1/2 to 4 A.M.
" " No. 4.	74.4	84.2	At 10 A.M.
" Maximum .	79.0		gauge A
" " (Set) .	72.1		47.6 inches
" Minimum .	64.7		0.406 inches
" " (Set) .	73.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	74.4	84.8	91
" Wet " . . . .	71.8	73.7	59
Rain gauge C . . .	4 1/2 minutes 0.364 inches		
Wind, force & direction.	5 " S	6 " S W	
Clouds, amount & kind.	10 Pm 7m	4 Pm 7m hazy	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		84.8	
" No. 3 .		83.8	
" No. 4 .		84.8	



SEPTEMBER, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.848	29.859	
Thermometer attached.	71.4	76.3	
" external No. 2.	70.8	75.8	
" " No. 3.	69.9	75.0	
" " No. 4.	70.6	75.7	
" Maximum .	84.4		
" (Set) .	70.5		
" Minimum .	60.3		
" (Set) .	70.0		
" Solar max. .			
" (Set) .			
" Dry bulb . . .	71.6	76.5	56
" Wet " . . . .	61.4	63.5	48
Rain gauge C . . . .	0		
Wind, force & direction.	12° NW	8° W	
Clouds, amount & kind.	1 M 7m	0 Rs 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		74.9	
" No. 3 .		73.9	
" No. 4 .		74.8	

SEPTEMBER, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.776	29.782	
Thermometer attached.	70.8	75.9	Rain previous night
" external No. 2.	72.4	75.8	At 10 $\frac{1}{4}$ A. M.
" " No. 3.	71.4	75.0	Gauge A
" " No. 4.	72.3	75.7	12 $\frac{5}{8}$ ounces
" Maximum .	75.1		0.109 $\frac{8}{10}$ inches
" " (Set) .	71.9		
" Minimum .	61.4		
" " (Set) .	71.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	73.4	76.4	68
" Wet " . . .	65.7	59.7	34
Rain gauge C . . .	1 $\frac{1}{4}$ ounces 0.110 inches		
Wind, force & direction.	7 $^{\circ}$ W	11 $^{\circ}$ W	
Clouds, amount & kind.	0 R $\frac{1}{2}$ M 7m	2 R $\frac{1}{2}$ R $\frac{1}{2}$ M 7m	
	7 $\frac{1}{2}$ A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .		77.7	63.0
" No. 3 .		77.0	62.4
" No. 4 .	64.3	77.9	62.2



SEPTEMBER, 7 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.967	29.956	
Thermometer attached.	67.1	72.8	
" external No. 2.	68.4	72.4	
" " No. 3.	67.5	71.6	
" " No. 4.	68.3	72.3	
" Maximum .	77.2		
" " (Set) .	68.3		
" Minimum .	55.5		
" " (Set) .	67.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	69.3	73.1	58
" Wet " . . .	59.7	59.3	42
Rain gauge C . . .	0		
Wind, force & direction.	8° NW	12° W	
Clouds, amount & kind.	0 M 7m Ro	1 M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	59.5	72.7	61.6
" No. 3 .	58.0	71.6	61.4
" No. 4 .	58.8	72.5	61.0

SEPTEMBER, 8 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.128	30.067	
Thermometer attached.	65.5	73.0	
" external No. 2.	68.3	75.9	
" " No. 3.	67.5	75.0	
" " No. 4.	68.2	75.9	
" Maximum .	72.0		
" " (Set) .	67.9		
" Minimum .	50.2		
" " (Set) .	67.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	69.4	76.6	55
" Wet " . . .	58.9	61.6	41
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>e</sup> W	6 <sup>e</sup> SW	
Clouds, amount & kind.	6 Pm Fm Rd Rm	0 Rd M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	54.4	76.2	68.0
" No. 3 .	53.6	75.2	67.2
" No. 4 .	54.8	76.1	67.6



SEPTEMBER, 9 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.198	30.132	
Thermometer attached.	69.0	77.0	
" external No. 2.	75.0	80.3	
" " No. 3.	73.6	79.3	
" " No. 4.	74.7	80.4	
" Maximum .	76.0		
" " (Set) .	74.2		
" Minimum .	59.2		
" " (Set) .	74.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	76.2	81.5	63
" Wet " . . .	67.0	69.2	53
Rain gauge C . . .	0		
Wind, force & direction.	0 <sup>e</sup> SW	0 <sup>e</sup> E	
Clouds, amount & kind.	1 Pt Rs fm haze	1 Rs fm haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	62.4	82.0	70.6
" No. 3 .	61.4	81.8	69.5
" No. 4 .	61.8	82.3	69.8



SEPTEMBER, 10 1875.

	10 A. M.	4 P. M.
Barometer . . . .	29.750	29.944
Thermometer attached.	72.0	70.9
" external No. 2.	76.6	53.0
" " No. 3.	75.6	52.3
" " No. 4.	76.8	53.0
" Maximum .	83.5	
" " (Set) .	75.7	
" Minimum .	64.4	
" " (Set) .	75.6	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	77.4	54.3
" Wet " . . .	71.1	51.6
Rain gauge C . . .	0	4.5 ounces 0.375 inches
Wind, force & direction.	7 <sup>2</sup> S W	9 <sup>e</sup> N W
Clouds, amount & kind.	10 Pm M 7m	10 Pm

About 11<sup>3</sup>/<sub>4</sub> A.M.,  
began to blow hard  
from the northwest;  
heavy showers  
at times 12 to 4  
P.M., with some rain  
most of the time.  
At 4 P.M.  
gauge A  
37<sup>7</sup>/<sub>8</sub> ounces  
0.326 inches

75  
90

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	68.5	55.0	52.1
" No. 3 .	67.8	55.1	51.4
" No. 4 .	68.2	55.0	52.0



SEPTEMBER, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.351	30.332	
Thermometer attached.	58.2	66.0	
" external No. 2.	53.1	61.3	
" " No. 3.	52.3	60.7	
" " No. 4.	52.8	61.2	
" Maximum .	78.9		
" " (Set) .	53.9		
" Minimum .	40.8		
" " (Set) .	52.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	54.0	62.3	51
" Wet " . . .	45.4	49.3	36
Rain gauge C . . .	0		* At 4 P.M.
Wind, force & direction.	6 <sup>2</sup> NW	5 <sup>2</sup> NW	Sept. 10
Clouds, amount & kind.	0	0	Gauge C 0.375 inches
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	44.5	60.4	53.0
" No. 3 .	43.4	59.6	51.5
" No. 4 .	43.7	60.2	52.2

SEPTEMBER, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.480	30.456	
Thermometer attached.	54.2	63.9	
" external No. 2.	60.3	64.4	
" " No. 3.	59.3	63.8	
" " No. 4.	60.2	64.5	
" Maximum .	61.0		
" " (Set) .	60.0		
" Minimum .	38.3		
" " (Set) .	59.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	61.9	65.2	60
" Wet " . . .	53.7	54.9	61
Rain gauge C . . .	0		
Wind, force & direction.	2 <sup>2</sup> SE	5 <sup>2</sup> SE	
Clouds, amount & kind.	7 R R R M fm	10 R R Pm fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	45.7	63.5	56.5
" No. 3 .	44.8	62.9	55.2
" No. 4 .	45.4	63.4	55.2



SEPTEMBER, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.365	30.323	
Thermometer attached.	61.2	65.6	Morning
" external No. 2.	60.3	68.1	rainy
" " No. 3.	59.6	67.7	At 10 A.M.
" " No. 4.	60.4	69.0	gauge A
" Maximum .	65.9		54.0 mm
" (Set) .	59.8		0.465 inches
" Minimum .	52.4		
" (Set) .	59.7		
" Solar max. .			
" (Set) .			
" Dry bulb . .	61.8	69.6	77
" Wet " . . .	60.0	64.3	79
Rain gauge C . . .	5 1/2 mm as 0.485 inches		
Wind, force & direction.	0° N	0° N	
Clouds, amount & kind.	10 Pm a little rain	10 Pm Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	54.8	65.1	62.2
" No. 3 .	53.9	65.0	61.0
" No. 4 .	54.3	66.1	61.0

SEPTEMBER, 14 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.400	30.330	
Thermometer attached.	63.7	68.9	
" external No. 2.	64.8	66.5	
" " No. 3.	64.0	65.6	
" " No. 4.	65.4	66.1	
" Maximum .	67.0		At 10 A. M.
" " (Set) .	64.6		Gauge A
" Minimum .	53.4		3 $\frac{7}{8}$ ounces
" " (Set) .	64.2		0.033 inches
" Solar max. .			
" " (Set) .			
" Dry bulb .	66.3	67.0	73
" Wet " .	60.0	60.2	70
Rain gauge C . . . . .	0 $\frac{1}{2}$ ounces 0.044 inches		
Wind, force & direction.	2° NW	3° E	
Clouds, amount & kind.	10 Pm Fm	10 Pm Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	56.2	69.9	60.8
" No. 3 .	54.6	69.6	59.2
" No. 4 .	55.4	70.2	59.5



SEPTEMBER, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.152	30.032	
Thermometer attached.	65.0	70.7	
" external No. 2.	67.5	72.2	
" " No. 3.	66.7	71.3	
" " No. 4.	68.2	72.5	
" Maximum .	69.9		
" " (Set) .	67.0		
" Minimum .	57.2		
" " (Set) .	67.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	68.8	73.2	79
" Wet " . . .	63.6	64.4	63
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>2</sup> S	3 <sup>2</sup> S	
Clouds, amount & kind.	9 Pm Fm Ro	9 Pm Rs Pm M Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	59.8	73.5	62.8
" No. 3 .	58.9	73.0	61.5
" No. 4 .	59.5	74.1	61.9

Thunder  
shower  
about  
6 P.m.



SEPTEMBER, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.902	29.843	
Thermometer attached.	66.4	69.7	
" external No. 2.	64.9	61.0	
" " No. 3.	64.1	60.5	At 10 A.M. gauge A 7 ounces 0.060 inches
" " No. 4.	65.6	61.1	
" Maximum .	73.3		
" " (Set) .	64.8		
" Minimum .	59.1		
" " (Set) .	64.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	66.1	61.9	88
" Wet " . . . .	62.8	60.2	97
Rain gauge C . . .	0 $\frac{5}{8}$ ounces 0.55 inches		
Wind, force & direction.	0 S	6 x E	
Clouds, amount & kind.	10 Pm	10 Pm a little rain	

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	60.5	65.8	58.5
" No. 3 .	60.0	65.1	57.7
" No. 4 .	60.8	65.4	57.9



SEPTEMBER, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.528	29.602	Low readings of some thermometers doubtless due to dampness.
Thermometer attached.	66.0	69.8	
" external No. 2.	62.0	60.5	
" " No. 3.	61.9	58.0	
" " No. 4.	63.7	60.7	At 10 A. M.
" Maximum .	69.4		gauge A
" (Set) .	61.7		154 orms
" Minimum .	56.6		1.328 inches
" (Set) .	62.8		
" Solar max. .			
" (Set) .			
" Dry bulb . .	64.8	61.6	76
" Wet " . . .	59.2	52.4	55
Rain gauge C . . .	15 orms 1.323 inches		
Wind, force & direction.	10 <sup>c</sup> W	15 <sup>c</sup> W	
Clouds, amount & kind.	10 Pm Fm	10 Pm Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	60.7	64.9	52.8
" No. 3 .	60.0	61.6	52.2
" No. 4 .	60.8	65.0	52.2



SEPTEMBER, 18 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.836	29.883	
Thermometer attached.	56.0	61.0	
" external No. 2.	54.0	56.1	
" " No. 3.	50.2	55.4	
" " No. 4.	50.8	56.1	
" Maximum .	66.1		
" " (Set) .	51.7		
" Minimum .	43.1		
" " (Set) .	50.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	52.0	57.0	46
" Wet " . . .	42.8	46.4	42
Rain gauge C . . .	0"		
Wind, force & direction.	16° NW	10° NW	
Clouds, amount & kind.	7 R B M 7m	10 R R thin	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	45.2	66.1	46.8
" No. 3 .	44.5	65.3	46.0
" No. 4 .	44.7	56.0	46.3



SEPTEMBER, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.768	29.718	
Thermometer attached.	55.8	58.1	
" external No. 2.	48.6	48.8	
" " No. 3.	47.8	47.9	At 10 A. M.
" " No. 4.	48.1	48.5	gauge A
" Maximum .	56.7		87 ounces
" " (Set) .	48.5		0.076 inches.
" Minimum .	42.5		
" " (Set) .	47.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	49.1	49.7	85
" Wet " . . .	45.8	45.0	75
Rain gauge C . . .	0.077 inches		
Wind, force & direction.	0° E	6° NE	
Clouds, amount & kind.	10 Pm fm raining	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	44.2	47.6	47.2
" No. 3 .	43.0	47.0	46.8
" No. 4 .	43.8	47.7	47.0



SEPTEMBER, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.844	29.799	
Thermometer attached.	56.0	61.4	
" external No. 2.	57.0	60.2	
" " No. 3.	53.6	60.0	At 8 $\frac{1}{4}$ A. M.
" " No. 4.	54.0	60.7	gauge A.
" Maximum .	53.8		8 $\frac{1}{2}$ ounces
" " (Set) .	53.8		0.073 inches
" Minimum .	40.0		
" " (Set) .	53.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	55.0	60.9	63
" Wet " . . .	48.0	54.2	69
Rain gauge C . . .	0.07 inches		
Wind, force & direction.	5 <sup>th</sup> SE	5 <sup>th</sup> SE	
Clouds, amount & kind.	8 P. P. R. 7m	10 P. m 7m a little rain	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	42.6	59.2	52.2
" No. 3 .	41.8	58.8	51.3
" No. 4 .	42.0	59.8	51.6



SEPTEMBER, 21 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.987	29.994	
Thermometer attached.	57.0	61.7	At 7½ A.M.
" external No. 2.	56.2	59.0	gauge A
" " No. 3.	55.3	58.5	10.5 ounces
" " No. 4.	55.8	59.0	0.092 inches
" Maximum .	61.0		
" " (Set) .	56.0		
" Minimum .	42.2		A few drops
" " (Set) .	55.4		of rain.
" Solar max. .			about 3 P.M.
" " (Set) .			
" Dry bulb . . . . .	57.3		61
" Wet " . . . . .	49.7		
Rain gauge C . . . . .	1½ ounces 0.899 inches		
Wind, force & direction.	1 Pm 4° W	2° W	
Clouds, amount & kind.	1 Pm 7m R	8 Pm 11m Fm	
	8 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	48.2	60.0	50.5
" No. 3 .	47.4	59.6	50.0
" No. 4 .	47.8	60.3	50.0

SEPTEMBER, 22 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.163	30.150	
Thermometer attached.	52.7	60.2	
" external No. 2.	48.7	52.9	
" " No. 3.	47.7	52.2	At 10 A. M.
" " No. 4.	48.1	52.7	gauge A
" Maximum .	61.2		1 $\frac{1}{8}$ ounces
" " (Set) .	49.3		0.010 inches
" Minimum .	38.1		
" " (Set) .	47.6		
" Solar max. .			
" " (Set) .			
" Dry bulb .	49.5	53.5	44
" Wet " .	40.4	41.8	33
Rain gauge C . . . . .	0 $\frac{1}{8}$ ounces 0.011 inches		
Wind, force & direction.	8 <sup>e</sup> NW	8 <sup>e</sup> N	
Clouds, amount & kind.	5 M Fan	6 M Fan Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	41.2	53.0	46.2
" No. 3 .	40.8	52.2	45.3
" No. 4 .	41.0	52.6	45.5



SEPTEMBER, 23 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.336	30.292	
Thermometer attached.	51.0	59.7	
" external No. 2.	50.01	55.0	
" " No. 3.	49.01	54.0	
" " No. 4.	49.5	54.6	
" Maximum .	53.0		
" " (Set) .	50.2		
" Minimum .	34.2		Some white frost.
" " (Set) .	49.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	51.0	55.6	41
" Wet " . . . .	41.82	43.7	35
Rain gauge C . . . .	0		
Wind, force & direction.	6 <sup>th</sup> NW	3 <sup>rd</sup> W	
Clouds, amount & kind.	0 M fm	1 M fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	37.2	55.2	45.0
" No. 3 .	36.5	54.3	44.4
" No. 4 .	36.2	55.0	44.8

SEPTEMBER, 24 1875.

	10 A. M.	3 P. M.	
Barometer . . . .	30.323	30.250	
Thermometer attached.	53.7	62.3	
" external No. 2.	56.6	64.2	
" " No. 3.	55.1	63.6	
" " No. 4.	55.8	64.2	
" Maximum .	55.8		
" " (Set) .	55.8		
" Minimum .	38.9		
" " (Set) .	55.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	57.7	65.3	56
" Wet " . . .	49.2	51.3	35
Rain gauge C . . .	0		
Wind, force & direction.	2 W	6-8 W	
Clouds, amount & kind.	0	0 R	
	7 A. M.	2 P. M.	10 P. M.
Thermometer No. 2 .	41.3	64.2	51.4
" No. 3 .	40.4	63.6	50.5
" No. 4 .	40.8	64.1	50.5



SEPTEMBER, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.093	29.967	
Thermometer attached.	56.5	64.3	
" external No. 2.	59.7	66.7	
" " No. 3.	58.5	65.9	
" " No. 4.	59.1	66.6	
" Maximum .	63.8		
" " (Set) .	59.0		
" Minimum .	44.8		
" " (Set) .	58.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	60.9	67.4	65
" Wet " . . . .	53.8	57.8	57
Rain gauge C . . . .	0		
Wind, force & direction.	0 <sup>th</sup> SW	9 <sup>th</sup> S	
Clouds, amount & kind.	0 haze	0 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	47.4	68.0	54.6
" No. 3 .	46.3	67.2	53.9
" No. 4 .	46.7	68.0	54.0

SEPTEMBER, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.589	29.612	
Thermometer attached.	59.5	61.0	
" external No. 2.	60.0	54.7	
" " No. 3.	59.3	53.8	
" " No. 4.	60.1	54.4	Forenoon rainy.
" Maximum .	67.4		
" " (Set) .	59.7		
" Minimum .	51.6		
" " (Set) .	59.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	61.1	55.5	85
" Wet " . . .	57.4	48.9	66
Rain gauge C . . .	0		
Wind, force & direction.	2 <sup>nd</sup> S	11 <sup>th</sup> NW	
Clouds, amount & kind.	10 Pm Fm a little rain	8 Pm M Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	56.2	51.9	46.5
" No. 3 .	55.2	51.0	45.0
" No. 4 .	55.8	51.5	44.5



SEPTEMBER, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.859	29.767	
Thermometer attached.	57.8	68.4	
" external No. 2.	58.4	66.9	
" " No. 3.	57.4	66.0	
" " No. 4.	58.3	66.8	
" Maximum .	59.9		
" (Set) .	58.0		
" Minimum .	42.2		
" (Set) .	57.6		
" Solar max. .			
" (Set) .			
" Dry bulb . .	59.6	67.7	59
" Wet " . . .	51.3	53.8	38
Rain gauge C . . .	3 $\frac{3}{4}$ inches 0.351 inches		
Wind, force & direction.	6° W	8° SW	
Clouds, amount & kind.	7 R R Rm Ro 7m	1 R R M 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	46.2	66.6	59.3
" No. 3 .	45.0	65.6	58.0
" No. 4 .	45.4	66.4	58.7

At 10 A.M.,  
gauge A  
35  $\frac{1}{2}$  inches  
0.206 inches

SEPTEMBER, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.046	30.096	
Thermometer attached.	61.0	64.9	
" external No. 2.	58.6	61.3	
" " No. 3.	57.6	60.7	
" " No. 4.	58.2	61.2	
" Maximum .	66.6		
" " (Set) .	58.2		
" Minimum .	57.6		
" " (Set) .	57.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	59.4	62.2	63
" Wet " . . .	59.8	49.8	39
Rain gauge C . . .	0		
Wind, force & direction.	9 <sup>2</sup> NW	7 <sup>2</sup> NW	
Clouds, amount & kind.	2 P. M. 7m	2 P. M. 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	55.5	63.3	49.8
" No. 3 .	54.8	62.6	48.7
" No. 4 .	58.3	63.3	48.5



SEPTEMBER, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.199	30.033	
Thermometer attached.	56.7	58.0	
" external No. 2.	52.6	56.2	
" " No. 3.	51.9	55.4	
" " No. 4.	52.2	56.0	
" Maximum .	63.1		
" " (Set) .	52.1		
" Minimum .	42.0		
" " (Set) .	51.6		
" Solar max. .			
" " (Set) .			
Dry bulb . .	53.3	57.0	80
" Wet " . . .	49.1	52.5	79
Rain gauge C . . .	0.5 inches 0.055 inches		
Wind, force & direction.	3 <sup>rd</sup> E	4 <sup>th</sup> E	
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 P. M.	8 P. M.
Thermometer No. 2 .	44.8	55.5	56.2
" No. 3 .	43.9	54.9	55.1
" No. 4 .	44.6	55.2	55.4



SEPTEMBER, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.748	29.629	
Thermometer attached.	58.8	64.0	At 10 A.M.,
" external No. 2.	61.9	67.4	gauge A
" " No. 3.	61.2	66.9	12 inches
" " No. 4.	62.1	67.6	0.103 inches
" Maximum .	61.6		
" " (Set) .	61.0		
" Minimum .	50.8		
" " (Set) .	61.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	63.0	68.2	82
" Wet " . . .	58.7	61.9	82
Rain gauge C . . .	0.5 inches		
Wind, force & direction.	6 S	12 S W	
Clouds, amount & kind.	10 Pm Im	10 Pm Im	
	7 1/2 A. M.	2 P. M.	8 P. M.
Thermometer No. 2 .	55.0	70.9	62.4
" No. 3 .	54.3	69.7	61.3
" No. 4 .	55.0	70.8	61.8



OCTOBER, 1 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.620	29.577	
Thermometer attached.	60.3	60.2	
" external No. 2.	57.1	52.7	
" " No. 3.	56.2	51.9	
" " No. 4.	57.0	52.5	
" Maximum .	70.2		
" " (Set) .	57.0		
" Minimum .	51.3		
" " (Set) .	56.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	58.2	53.5	62
" Wet " . . .	50.7	49.6	82
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>th</sup> N	7 <sup>th</sup> NVV	
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	52.7	51.0	49.3
" No. 3 .	51.7	51.2	48.5
" No. 4 .	52.2	51.4	48.8



OCTOBER, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.040	30.158	
Thermometer attached.	57.8	61.4	
" external No. 2.	49.1	55.0	At 11 $\frac{1}{2}$ A. M.
" " No. 3.	48.2	54.5	gauge A.
" " No. 4.	48.7	54.8	4 $\frac{1}{2}$ ounces
" Maximum .	57.3		0.358 inches
" " (Set) .	49.3		
" Minimum .	38.8		
" " (Set) .	48.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	50.0	56.8	47
" Wet " . . .	41.3	44.2	37
Rain gauge C . . .	4 $\frac{3}{8}$ ounces 0.386 inches		
Wind, force & direction.	14 <sup>e</sup> NW	15 <sup>e</sup> W	
Clouds, amount & kind.	0 Fm	1 A Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	40.8	57.8	47.2
" No. 3 .	40.0	53.9	46.3
" No. 4 .	40.0	54.2	46.2



OCTOBER, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.440	30.366	
Thermometer attached.	52.1	60.7	
" external No. 2.	52.5	60.2	A little white frost seen by W. H. Foxie
" " No. 3.	51.0	59.8	
" " No. 4.	51.6	60.1	
" Maximum .	55.0		
" " (Set) .	52.3		
" Minimum .	37.0		
" " (Set) .	51.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	53.9	61.1	64
" Wet " . . .	47.2	50.6	48
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> S	5 <sup>th</sup> S	
Clouds, amount & kind.	0 R <sub>s</sub>	0 R R <sub>s</sub> Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	38.7	60.7	51.6
" No. 3 .	38.0	60.0	50.9
" No. 4 .	37.7	60.5	50.7

OCTOBER, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.150	30.022	
Thermometer attached.	58.0	63.3	
" external No. 2.	62.0	67.0	
" " No. 3.	61.6	66.3	
" " No. 4.	62.4	67.1	
" Maximum .	61.6		
" " (Set) .	61.3		
" Minimum .	49.0		
" " (Set) .	61.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	63.2	68.0	67
" Wet " . . .	56.3	59.4	62
Rain gauge C . . .	0		
Wind, force & direction.	12 <sup>0</sup> SW	7 <sup>0</sup> SW	
Clouds, amount & kind.	10 Pm M fm haze	8 Pm Rm M fm haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	51.9	69.0	59.8
" No. 3 .	50.8	68.3	58.8
" No. 4 .	51.4	69.2	59.2



OCTOBER, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.002	30.018	
Thermometer attached.	61.5	69.0	
" external No. 2.	65.9	70.6	
" " No. 3.	65.0	70.0	
" " No. 4.	66.0	70.9	
" Maximum .	68.7		
" " (Set) .	65.2		
" Minimum .	54.5		
" " (Set) .	65.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	67.0	71.5	73
" Wet " . . . .	<del>80</del> 60.6	61.8	58
Rain gauge C . . .	0		
Wind, force & direction.	3 <sup>e</sup> SW	4 <sup>e</sup> W	
Clouds, amount & kind.	9 Pm M Fm	5 Pm M Fm Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	58.1	73.0	51.3
" No. 3 .	56.9	72.2	50.2
" No. 4 .	59.6	73.3	50.4

OCTOBER, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.355	30.302	
Thermometer attached.	55.8	57.0	
" external No. 2.	46.0	48.4	
" " No. 3.	45.1	47.6	
" " No. 4.	45.6	47.9	
" Maximum .	72.9		
" " (Set) .	46.6		
" Minimum .	44.3		
" " (Set) .	45.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	46.8	49.0	83
" Wet " . . .	43.4	46.7	72
Rain gauge C . . .	0		
Wind, force & direction.	9° NE	11° E	
Clouds, amount & kind.	10 Pm	10 Pm a little rain	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	45.8	48.0	51.7
" No. 3 .	45.0	47.1	50.5
" No. 4 .	45.2	47.5	50.8



OCTOBER, 7 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.894	29.870	
Thermometer attached.	59.8	62.8	
" external No. 2.	63.8	59.8	At 10 $\frac{1}{4}$ A.M. gauge A 213 $\frac{3}{4}$ ounces 1.842 inches
" " No. 3.	62.9	59.3	
" " No. 4.	63.5	60.5	
" Maximum .	63.4		
" " (Set) .	62.6		
" Minimum .	45.0		
" " (Set) .	63.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	64.9	61.2	99 92
" Wet " . . .	63.2	58.7	
Rain gauge C . . .	19 $\frac{3}{4}$ ounces 1.743 inches		
Wind, force & direction.	5 <sup>th</sup> SE	4 <sup>th</sup> NW	
Clouds, amount & kind.	10 Pm raining	10 Pm Fm Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	59.3	61.0	52.3
" No. 3 .	58.7	60.8	52.0
" No. 4 .	59.0	61.7	52.0



OCTOBER, 8 1875.

	10 A. M.	4 <sup>3</sup> / <sub>4</sub> P. M.	
Barometer . . . . .	29.960	29.933	
Thermometer attached.	56.3	62.5	
" external No. 2.	50.9	58.3	At 10 <sup>1</sup> / <sub>2</sub> A. M. gauge A 14 <sup>3</sup> / <sub>4</sub> ounces 0.127 inches
" " No. 3.	50.10	57.7	
" " No. 4.	50.3	57.8	
" Maximum .	64.8		
" " (Set) .	51.0		
" Minimum .	40.3		
" " (Set) .	49.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . . . . .	51.8	59.0	59
" Wet " . . . . .	44.5	49.5	51
Rain gauge C . . . . .	1 <sup>5</sup> / <sub>8</sub> ounces 0.143 inches		
Wind, force & direction.	2 <sup>e</sup> NW	1 <sup>e</sup> SW	
Clouds, amount & kind.	0	0 Pm Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	42.2	58.3	50.2
" No. 3 .	41.2	57.3	49.7
" No. 4 .	41.3	57.8	49.7



OCTOBER, 9 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.199	30.187	
Thermometer attached.	54.2	59.4	
" external No. 2.	50.7	52.1	
" " No. 3.	50.0	51.7	
" " No. 4.	50.2	51.7	
" Maximum .	58.3		
" " (Set) .	51.0		
" Minimum .	39.0		
" " (Set) .	49.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	51.4	52.8	56
" Wet " . . .	43.8	45.1	56
Rain gauge C . . .	0		
Wind, force & direction.	5 <sup>th</sup> NW	5 <sup>th</sup> E	
Clouds, amount & kind.	6 M 7 <sup>th</sup> P <sup>th</sup>	5 P <sup>th</sup> R <sup>th</sup> R <sup>th</sup> 7 <sup>th</sup> M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	41.3	52.7	44.0
" No. 3 .	40.2	51.8	43.2
" No. 4 .	40.4	52.3	43.3

OCTOBER, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.950	29.821	
Thermometer attached.	53.8	60.0	
" external No. 2.	55.9	53.5	
" " No. 3.	54.8	52.8	
" " No. 4.	53.8	55.1	
" Maximum .	55.3		
" " (Set) .	55.5		
" Minimum .	42.0		
" " (Set) .	55.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	57.0	56.0	73
" Wet " . . .	54.4	54.1	77
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> NE	4 <sup>th</sup> SE	
Clouds, amount & kind.	9 Pm M fm	6 Pm M fm	
	8 A. M.	2 P. M.	8 P. M.
Thermometer No. 2 .	49.2	57.4	49.7
" No. 3 .	47.8	56.8	48.5
" No. 4 .	48.5	57.0	48.7



OCTOBER, 41 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.884	29.944	
Thermometer attached.	55.6	55.8	
" external No. 2.	49.0	48.0	
" " No. 3.	48.4	47.6	
" " No. 4.	48.7	47.9	
" Maximum .	59.0		
" " (Set) .	49.0		
" Minimum .	46.0		
" " (Set) .	48.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	49.9	49.0	76
" Wet " . . .	45.4	45.1	80
Rain gauge C . . .	$1\frac{1}{4}$ ounces 0.110 inches		
Wind, force & direction.	6 <sup>2</sup> NW	1 <sup>2</sup> SW	
Clouds, amount & kind.	10 Pm	10 Pm a little rain	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	53.2	48.1	46.5
" No. 3 .	52.2	47.6	46.2
" No. 4 .	52.4	47.9	46.0

At 10 A.M.  
gauge A  
13  $\frac{1}{8}$  ounces  
0.113 inches

OCTOBER, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.112	30.144	
Thermometer attached.	59.1	52.6	
" external No. 2.	42.8	44.9	
" " No. 3.	41.8	43.9	At 10 A.M., gauge A 0 $\frac{1}{4}$ inches 0.000 inches
" " No. 4.	42.5	44.4	
" Maximum .	49.2	48.2	
" " (Set) .	43.0	45.0	
" Minimum .	39.6	42.4	
" " (Set) .	41.8	44.5	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	43.6	43.5	64
" Wet " . . .	38.0	41.5	94
Rain gauge C . . .	0 $\frac{1}{8}$ inches 0.011 inches		
Wind, force & direction.	8 <sup>2</sup> NW	9 NW.	
Clouds, amount & kind.	10 Pm	8 <sup>7</sup> m Rm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	40.5	47.2	37.5
" No. 3 .	40.0	46.5	36.7
" No. 4 .	40.0	46.7	36.4



OCTOBER, 13 1875.

	8 $\frac{1}{2}$ - 10 A. M.	5 - 4 P. M.	
Barometer . . . . .	30.432	30.356	
Thermometer attached.	45.5	55.8	
" external No. 2.	36.4	47.4	<i>B white frost</i>
" " No. 3.	35.5	45.9	
" " No. 4.	35.5	46.2	
" Maximum .	42.7	47.6	
" " (Set) .	34.5	47.0	
" Minimum .	28.2	36.3	
" " (Set) .	35.2	46.5	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	38.2	46.5	51
" Wet " . . .	31.5	38.5	48
Rain gauge C . . .	0.		
Wind, force & direction.	3 NW	2 N	
Clouds, amount & kind.	3 Rs	1 S	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	30.1	45.2	39.2
" No. 3 .	29.1	47.3	38.3
" No. 4 .	28.8	47.8	37.9

OCTOBER, 14 1875.

	8 <sup>1</sup> / <sub>2</sub> 10 A. M.	4 P. M.	
Barometer . . . . .	30.357	30.257	
Thermometer attached.	44.7	51.8	A heavy white frost.
" external No. 2.	34.3	51.2	
" " No. 3.	33.5	50.0	
" " No. 4.	33.5	50.5	
" Maximum .	52.8	53.4	
" (Set) .	33.5	53.0	
" Minimum .	29.4	34.3	
" (Set) .	34.3	51.5	
" Solar max. .			
" (Set) .			
" Dry bulb . .	36.4	53.0	85
" Wet " . . .	33.5	37.5	25
Rain gauge C . . .	0		
Wind, force & direction.	0	8 S.W.	
Clouds, amount & kind.	6 R	7 R Rm	

	7 A. M.	8 P. M.	9 P. M.
Thermometer No. 2 .	30.3	52.5	43.3
" No. 3 .	29.7	37.3	42.1
" No. 4 .	29.4	51.8	42.8



OCTOBER, 15 1875.

	5 $\frac{1}{2}$ 10 A. M.	4 P. M.	
Barometer . . . . .	29.867	29.638	
Thermometer attached.	51.8	55.5	
" external No. 2.	50.2	51.5	Gauge A
" " No. 3.	49.5	50.5	6 $\frac{3}{4}$ ounces
" " No. 4.	49.7	51.3	at 4 P.M.
" Maximum .	59.2	53.7	0.058 inches
" " (Set) .	51.8	51.2	Drizzly rain
" Minimum .	40.8	49.5	all day,
" " (Set) .	49.5	51.5	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	51.3	52.0	91
" Wet " . . .	48.8	50.0	95
Rain gauge C . . .		$\frac{3}{4}$ sample 0.0166 inches	
Wind, force & direction.	10 E	12 SE	
Clouds, amount & kind.	10 Pm	10 Pm	
	7 A. M.	2 $\frac{1}{2}$ P. M.	9 P. M.
Thermometer No. 2 .	50.3	52.8	50.2
" No. 3 .	48.9	51.2	48.9
" No. 4 .	49.5	51.5	48.9



OCTOBER, 16 1875.

	8 $\frac{1}{2}$ 10 A. M.	4 P. M.	
Barometer . . . .	29.689	29.485	
Thermometer attached.	56.0	56.8	Gauge A 5 $\frac{1}{8}$ inches 0.644 inches
" external No. 2.	52.3	57.3	
" " No. 3.	51.5	56.5	
" " No. 4.	51.8	56.5	
" Maximum .	51.8	58.0	
" " (Set) .	51.8	56.5	
" Minimum .	48.2	50.5	
" " (Set) .	51.5	55.5	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	54.1	57.5	89
" Wet " . . .	51.2	55.5	95
Rain gauge C . . .		$\frac{3}{8}$ ounces 0.033 inches	
Wind, force & direction.	1 S	12 S E	
Clouds, amount & kind.	9 PM 7m	10 PM	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	50.5	55.2	57.2
" No. 3 .	49.5	54.5	56.5
" No. 4 .	50.0	54.8	56.8



OCTOBER, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.718	29.893	
Thermometer attached.	53.0	57.3	Gauge A at 10, Am.
" external No. 2.	46.2	47.0	
" " No. 3.	45.5	46.5	4 ounces 0.034 inches
" " No. 4.	45.8	46.8	
" Maximum .	58.2	49.5	
" " (Set) .	47.2	47.3	
" Minimum .	40.3	45.5	
" " (Set) .	46.2	46.5	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	49.5	48.5	57
" Wet " . . .	42.3	40.0	47
Rain gauge C . . .	$\frac{1}{2}$ ounces 0.044 inches		
Wind, force & direction.	25 N W	15 N W	
Clouds, amount & kind.	3 fm Rm	1 R S	
	7 A. M.	3 P. M.	9 P. M.
Thermometer No. 2 .	42.2	48.2	40.3
" No. 3 .	41.3	47.5	39.0
" No. 4 .	41.5	47.3	38.7

OCTOBER, 18 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.974	29.928	
Thermometer attached.	51.2	58.6	
" external No. 2.	58.5	59.4	
" " No. 3.	56.4	58.7	
" " No. 4.	57.2	59.6	
" Maximum .	51.5	62.5	
" " (Set) .	51.5	58.4	
" Minimum .	37.8	56.2	
" " (Set) .	56.2	58.0	
" Solar max. .	<del>56.5</del>		
" " (Set) .			
" Dry bulb . .	58.4	59.2	60
" Wet " . . .	50.5	51.6	63
Rain gauge C . . .	0		
Wind, force & direction.	12 hr	15 S	
Clouds, amount & kind.	5 fm R	17 m Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	41.7	61.4	50.2
" No. 3 .	40.7	60.5	48.9
" No. 4 .	40.6	61.3	48.9



OCTOBER, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.107		
Thermometer attached.	53.5		
" external No. 2.	50.5		
" " No. 3.	49.7		
" " No. 4.	50.1		
" Maximum .	58.8		
" " (Set) .	50.2		
" Minimum .	43.7		
" " (Set) .	49.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	52.5		90
" Wet " . . . .	49.8		
Rain gauge C . . . .	0		
Wind, force & direction.	10 NE		
Clouds, amount & kind.	10 PM		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	45.8	53.2	45.3
" No. 3 .	45.0	51.8	44.2
" No. 4 .	45.2	52.5	44.6

OCTOBER, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.027	29.879	
Thermometer attached.	50.3	58.2	
" external No. 2.	46.2	59.4	
" " No. 3.	45.0	<del>58.9</del> 7	
" " No. 4.	45.5	<del>58.9</del> 8	
" Maximum .	58.8	59.8	
" " (Set) .	46.2	58.5	
" Minimum .	37.6	44.9	
" " (Set) .	45.0	58.5	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	47.4	59.0	57
" Wet " . . .	40.5	47.5	40
Rain gauge "C . . .			
Wind, force & direction.	15 N	4 NW	
Clouds, amount & kind.	7 R	1 RS	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	38.8	59.8	50.2
" No. 3 .	38.2	59.0	49.5
" No. 4 .	37.9	59.4	49.0



OCTOBER, 21 1875.

	10 A. M.	5 P. M.	
Barometer . . . . .	29.247	29.787	
Thermometer attached.	55.3	62.7	
" external No. 2.	56.8	62.4	
" " No. 3.	56.1	61.0	
" " No. 4.	56.7	61.6	
" Maximum .	58.8	64.5	
" " (Set) .	56.3	61.5	
" Minimum .	48.4	55.5	
" " (Set) .	56.2	61.5	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	58.2	62.0	46
" Wet " . . .	47.8	51.5	48
Rain gauge C . . .			
Wind, force & direction.	10 N W	2 W	
Clouds, amount & kind.	9 R R m	3 M R m R S	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	50.5	64.4	53.5
" No. 3 .	49.2	63.4	52.5
" No. 4 .	49.5	63.9	53.3

OCTOBER, 22 1875.

	11 A. M.	4 P. M.	
Barometer . . . .	29.988	29.960	
Thermometer attached.	56.8	63.5	
" external No. 2.	57.2	63.8	
" " No. 3.	56.0	63.7	
" " No. 4.	56.3	64.3	
" Maximum .	61.5	64.0	
" " (Set) .	56.4	64.0	
" Minimum .	38.7	56.2	
" " (Set) .	56.2	63.7	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	58.8	65.5	64
" Wet " . . .	51.5	53.8	46
Rain gauge C . . .			
Wind, force & direction.	2 NW	6 NW	
Clouds, amount & kind.	0 Haze	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	40.3	64.7	49.2
" No. 3 .	41.0	63.6	48.4
" No. 4 .	40.7	64.2	48.6



OCTOBER, 23 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	29.944	29.866
Thermometer attached.	55.6	60.6
" external No. 2.	47.1	59.5
" " No. 3.	46.4	59.2
" " No. 4.	46.9	58.7
" Maximum .	64.9	
" " (Set) .	47.2	
" Minimum .	38.2	
" " (Set) .	46.1	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	+58.9	60.7
" Wet " . . .	+57.2	54.1
Rain gauge C . . .	0	
Wind, force & direction.	1. NW	2. NW
Clouds, amount & kind.	7/10 fog	8 Rr Rskm

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	40.0	58.1	49.9
" No. 3 .	38.9	57.2	48.6
" No. 4 .	39.2	57.9	48.8

+24 48.9  
47.2

~~77.89~~  
68

OCTOBER, 24 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.794	29.738	
Thermometer attached.	49.8	55.0	
" external No. 2.	49.2	50.4	
" " No. 3.	48.3	49.7	
" " No. 4.	48.7	50.2	
" Maximum .	59.2		
" " (Set) .	50.0		
" Minimum .	45.7		
" " (Set) .	48.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	80.2	51.2	91
" Wet " . . .	47.8	49.1	94
Rain gauge C . . .	0		
Wind, force & direction.	1 E	1 SE	
Clouds, amount & kind.	10 Fog	10 Fog	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	47.8	51.3	49.4
" No. 3 .	46.8	50.7	49.0
" No. 4 .	47.2	51.1	48.9

Gaug. at  
10 O'clock  
2  $\frac{1}{8}$  inches  
0.018 inches



OCTOBER, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.7505	29.738	
Thermometer attached.	54.9	61.2	Gauge A at 10 o'clock $\frac{3}{4}$ ounces. 0.006 inches
" external No. 2.	58.1	67.3	
" " No. 3.	56.4	66.7	
" " No. 4.	57.9	66.5	
" Maximum . . .	57.2		
" " (Set) . . .	57.2		
" Minimum . . .	42.2		
" " (Set) . . .	57.3		
" Solar max. . .			
" " (Set) . . .			
" Dry bulb . . .	59.1	68.2	73
" Wet " . . .	53.3	57.1	51
Rain gauge C . . .	0		
Wind, force & direction.	3 NW	5 NW	
Clouds, amount & kind.	2 R	5 Haze m. Pm. 7m.	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 . .	43.9	67.8	58.2
" No. 3 . . .	43.2	66.6	56.1
" No. 4 . . .	43.3	67.4	57.8

OCTOBER, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.112	30.019	
Thermometer attached.	52.9	59.7	
" external No. 2.	46.8	47.5	
" " No. 3.	45.9	45.8	
" " No. 4.	46.4	46.0	
" Maximum .	63.1		
" " (Set) .	50.5		
" Minimum .	42.6		
" " (Set) .	47.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	48.2	47.3	50.6
" Wet " . . . .	40.1	41.6	66
Rain gauge - C . . . .			
Wind, force & direction.	6 E	8 E	
Clouds, amount & kind.	7 m 7 m 7 r R	10 7 m M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	44.3	47.6	50.3
" No. 3 .	43.3	46.7	48.7
" No. 4 .	43.5	46.8	49.0



OCTOBER, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.603	29.668	
Thermometer attached.	56.9	58.2	Gauge A at
" external No. 2.	52.4	47.8	10 o'clock
" " No. 3.	51.7	46.8	31 ounces
" " No. 4.	52.0	47.3	0.267 inches
" Maximum .	64.6	55.1	
" " (Set) .	53.3	48.5	
" Minimum .	45.0	37.7	
" " (Set) .	52.8	47.2	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	53.6	49.7	52
" Wet " . . .	45.1	43.5	64
Rain gauge C . . .	3 3/4 ounces 0.3314 inches		
Wind, force & direction.	25 W	20 W	
Clouds, amount & kind.	2 7m	10 PM	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	48.8	55.0	43.8
" No. 3 .	47.7	54.0	43.0
" No. 4 .	47.9	54.4	43.8

OCTOBER, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30 001	30 012	
Thermometer attached.	54.2	55.2	
" external No. 2.	47.5	49.4	
" " No. 3.	46.4	48.5	
" " No. 4.	46.8	48.7	
" Maximum .	55.1		
" " (Set) .	48.5		
" Minimum .	37.7		
" " (Set) .	47.2		
" Solar max. .			
" " (Set) .			
" Dry bulb .	48.5	49.9	51
" Wet " .	40.6	40.9	45
Rain gauge C . . . . .	0		
Wind, force & direction.	25 W	10 W	
Clouds, amount & kind.	7 m 7 m R	3 R 7 r	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	40.0	49.8	44.8
" No. 3 .	38.9	49.0	43.8
" No. 4 .	38.9	49.4	43.7



OCTOBER, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.022	30.041	
Thermometer attached.	49.8	53.0	Gauge at 10 O'clock 1. ounce 0.009 inches
" external No. 2.	45.0	45.0	
" " No. 3.	43.7	44.1	
" " No. 4.	44.8	44.6	
" Maximum .	49.8		
" " (Set) .	45.0		
" Minimum .	38.0		
" " (Set) .	44.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	45.5	45.7	75 69
" Wet " . . .	41.1	40.5	
Rain gauge C . . .	$\frac{1}{8}$ ounces		
Wind, force & direction.	3 N E	6 <sup>e</sup> E	
Clouds, amount & kind.	10 Pm	10 Pm Jan	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	39.6	46.5	43.3
" No. 3 .	38.8	45.8	42.2
" No. 4 .	39.0	46.2	42.6

OCTOBER, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.997	29.799	
Thermometer attached.	49.9	52.4	
" external No. 2.	47.9	48.4	
" " No. 3.	46.2	47.6	
" " No. 4.	46.8	47.9	
" Maximum .	48.6		
" " (Set) .	48.6		Storm began at
" Minimum .	41.7		5 1/4 P.M. from the
" " (Set) .	46.8		S.E.
" Solar max. .			
" " (Set) .			
" Dry bulb . .	48.5	49.3	77
" Wet " . . .	44.2	45.0	78
Rain gauge C . . .	0		
Wind, force & direction.	12 E	12 E	
Clouds, amount & kind.	10 P.M.	10 P.M.	
	7 1/2 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	45.4	48.9	50.3
" No. 3 .	44.6	46.8	49.6
" No. 4 .	44.8	47.5	49.9



OCTOBER, 31 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.886	29.478	
Thermometer attached.	52.5	51.8	Gauge A at
" external No. 2.	45.6	43.5	10 o'clock
" " No. 3.	44.9	42.6	$115\frac{3}{4}$ ounces. =
" " No. 4.	45.2	43.2	.998 inches
" Maximum .	50.2		
" " (Set) .	46.2		
" Minimum .	40.5		
" " (Set) .	45.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	46.9	43.0	59
" Wet " . . .	40.3	35.7	50
Rain gauge C . . .	10.3 ounces 4.949 in		
Wind, force & direction.	20 W	20 NW	
Clouds, amount & kind.	9 m	7 m 7 m	
	$7\frac{1}{2}$ A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	42.5	44.4	37.3
" No. 3 .	41.6	43.6	36.4
" No. 4 .	41.9	43.9	36.0

NOVEMBER, 1 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.700	29.736	
Thermometer attached.	40.0	43.9	
" external No. 2.	35.5	38.0	
" " No. 3.	34.7	37.5	
" " No. 4.	34.7	36.9	
" Maximum .	41.4		
" " (Set) .	36.5		
" Minimum .	29.4		
" " (Set) .	34.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	36.5	37.6	55
" Wet " . . .	30.2	30.2	47
Rain gauge C . . .	0		
Wind, force & direction.	15 N.W.	15 N.W.	
Clouds, amount & kind.	3 7 m	8 M 7 m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	30.9	37.9	35.0
" No. 3 .	30.4	37.5	34.2
" No. 4 .	30.1	37.7	33.8



NOVEMBER, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.741	29.756	
Thermometer attached.	40.3	42.2	
" external No. 2.	33.7	32.8	A little snow at 9 AM, 9 some more at 11 AM,
" " No. 3.	33.2	32.3	
" " No. 4.	32.9	32.0	
" Maximum .	39.2		
" (Set) .	35.3		
" Minimum .	28.8		
" (Set) .	33.0		
" Solar max. .			
" (Set) .			
" Dry bulb . .	34.3	32.5	48
" Wet " . . .	27.5	26.0	48
Rain gauge C . . .	0		
Wind, force & direction.	20 n.w.	30 n.w.	
Clouds, amount & kind.	5 fm	2 m fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	30.5	35.1	30.1
" No. 3 .	30.0	34.2	29.7
" No. 4 .	29.7	34.3	29.2

NOVEMBER, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.888	29.848	
Thermometer attached.	45.6	45.2	
" external No. 2.	35.3	42.2	
" " No. 3.	34.3	41.5	
" " No. 4.	34.3	41.7	
" Maximum .	36.7		
" " (Set) .	36.0		
" Minimum .	26.6		
" " (Set) .	34.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	35.9	42.5	71
" Wet " . . .	31.4	37.8	71
Rain gauge C . . .	0		
Wind, force & direction.	10 N	7. N.	
Clouds, amount & kind.	0	0	

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	28.7	43.2	32.3
" No. 3 .	28.2	42.1	31.7
" No. 4 .	27.7	42.5	31.5



NOVEMBER, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.700	29.688	
Thermometer attached.	39.5	42.0	
" external No. 2.	33.4	36.3	
" " No. 3.	32.7	35.6	
" " No. 4.	32.8	36.0	
" Maximum .	42.9		
" " (Set) .	34.3		
" Minimum .	29.3		
" " (Set) .	32.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	34.0	37.6	73
" Wet " . . .	29.8	33.4	79
Rain gauge C . . .	0		
Wind, force & direction.	12 n	5 n	
Clouds, amount & kind.	10 P.m.	10. P.m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	32.0	35.0	30.2
" No. 3 .	31.7	34.4	30.0
" No. 4 .	31.4	34.5	29.5

NOVEMBER, 5 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.841	29.900	
Thermometer attached.	39.4	46.9	
" external No. 2.	35.4	41.9	
" " No. 3.	34.3	41.5	
" " No. 4.	34.5	41.3	
" Maximum .	35.8		
" " (Set) .	35.8		
" Minimum .	24.9		
" " (Set) .	32.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	35.9	42.5	65
" Wet " . . . .	30.7	34.7	45
Rain gauge C . . . .	0		
Wind, force & direction.	4 N.W.	1 N.W.	
Clouds, amount & kind.	8 R	7 R M	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	27.2	42.8	33.9
" No. 3 .	26.5	42.1	33.5
" No. 4 .	26.2	42.5	33.9



NOVEMBER, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.076	30.094	
Thermometer attached.	39.8	46.7	
" external No. 2.	41.2	42.8	
" " No. 3.	39.9	42.0	
" " No. 4.	* 30.3	42.3	* 2y 40.3
" Maximum .	47.6		
" (Set) .	41.7		
" Minimum .	25.2		
" (Set) .	40.1		
" Solar max. .			
" (Set) .			
" Dry-bulb . .	41.7	43.2	52
" Wet " . . .	34.9	34.0	35
Rain gauge - C . . .	0		
Wind, force & direction.	10 Nw	6 NW	
Clouds, amount & kind.	4 m R	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	28.4	43.8	34.2
" No. 3 .	27.8	43.0	33.4
" No. 4 .	27.5	43.3	33.0

NOVEMBER, 7 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.118	30.058	
Thermometer attached.	39.8	47.9	
" external No. 2.	40.5	47.5	
" " No. 3.	39.7	46.8	
" " No. 4.	39.6	46.5	
" Maximum .	48.3		
" " (Set) .	41.6		
" Minimum .	26.7		
" " (Set) .	40.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	41.5	48.0	53
" Wet " . . .	34.8	39.9	49
Rain gauge C . . .	0		
Wind, force & direction.	1 M	1 M	
Clouds, amount & kind.	1 M 7 m	7 R haze m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	28.7	49.7	40.2
" No. 3 .	28.2	48.9	39.1
" No. 4 .	27.5	49.1	39.2



NOVEMBER, 8 1875.

	10 A. M.	4 $\frac{1}{2}$ P. M.
Barometer . . . . .	30.134	30.164
Thermometer attached.	42.7	42.7
" external No. 2.	40.2	40.2
" " No. 3.	39.7	39.5
" " No. 4.	39.7	39.0
" Maximum .	49.1	
" " (Set) .	46.2	
" Minimum .	29.2	
" " (Set) .	39.1	
" Solar max. .		
" " (Set) .		
" Dry bulb . .	41.0	39.2
" Wet " . . .	36.2	23.7*
Rain gauge C . . .	0	
Wind, force & direction.	10 n	1 S E
Clouds, amount & kind.	7 7 m	1 haze

69  
54  
\* Must be 33.7

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	30.7	42.2	32.0
" No. 3 .	30.0	41.3	31.2
" No. 4 .	29.8	41.5	30.7

NOVEMBER, 9 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30 339	30 301	
Thermometer attached.	38.2	47 7	
" external No. 2.	36 2	40 7	
" " No. 3.	35 0	39 9	
" " No. 4.	35 0	39 8	
" Maximum .	41.7		
" " (Set) .	36 9		
" Minimum .	24.5		
" " (Set) .	35 0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	36 5	41 2	<del>52</del> 52
" Wet " . . .	21 2*	34 8	55
Rain gauge C . . .	0		* Must be 31.2
Wind, force & direction.	10h	7 E	
Clouds, amount & kind.	7 R	3 R 1 haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	25.6	42.5	33.2
" No. 3 .	24.9	41.5	33.0
" No. 4 .	24.9	42.8	31.5



NOVEMBER, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.100	29.839	
Thermometer attached.	41.3	43.9	
" external No. 2.	40.6	42.9	
" " No. 3.	38.7	41.5	Rain began at noon
" " No. 4.	40.2	42.2	
" Maximum .	42.2		
" " (Set) .	42.2		
" Minimum .	30.5		
" " (Set) .	40.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	43.5	42.6	70
" Wet " . . .	38.7	41.5	100
Rain gauge C . . .	0		
Wind, force & direction.	8 S.E.	8 E.	
Clouds, amount & kind.	10 mpm	10 Pm Rainy	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	32.2	42.7	46.6
" No. 3 .	31.4	41.9	45.8
" No. 4 .	31.2	42.5	46.2

NOVEMBER, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.507	29.691	
Thermometer attached.	46.7	49.3	
" external No. 2.	44.1	42.4	
" " No. 3.	43.1	41.9	
" " No. 4.	43.5	42.0	
" Maximum .	50.0		
" " (Set) .	44.2		
" Minimum .	38.7		
" " (Set) .	43.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	44.5	43.3	53
" Wet " . . .	37.5	36.5	54
Rain gauge C . . .	23.1 inches 2.041		
Wind, force & direction.	25 N.W.	25 N.W.	
Clouds, amount & kind.	1 Fin	1 Fin	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	40.6	44.4	37.2
" No. 3 .	39.8	43.5	36.1
" No. 4 .	39.6	43.8	36.1



NOVEMBER, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.958	29.923	
Thermometer attached.	40.5	50.0	
" external No. 2.	40.9	51.0	
" " No. 3.	39.8	50.4	
" " No. 4.	39.8	50.8	
" Maximum .	45.0		
" " (Set) .	41.3		
" Minimum .	29.5		
" " (Set) .	40.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	42.0	51.7	69
" Wet " . . . .	37.2	42.9	149
Rain gauge C . . . .	0		
Wind, force & direction.	5 W	2 <sup>nd</sup> W	
Clouds, amount & kind.	1 fm	0 Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	30.6	52.2	41.7
" No. 3 .	30.2	51.7	40.9
" No. 4 .	30.1	52.0	40.5

NOVEMBER, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.860	29.841	
Thermometer attached.	46.4	58.3	
" external No. 2.	47.1	56.0	
" " No. 3.	45.7	55.4	
" " No. 4.	46.2	55.4	1 1/2 P. M. Raining
" Maximum .	52.1		
" " (Set) .	47.4		
" Minimum .	35.3		
" " (Set) .	46.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	48.0	56.2	68
" Wet " . . .	42.5	47.5	53
Rain gauge C . . .	0		
Wind, force & direction.	4 W	3 W	
Clouds, amount & kind.	10 P haze	10 P m R haze	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	37.0	58.4	48.2
" No. 3 .	36.7	57.5	47.8
" No. 4 .	36.0	57.9	47.6



NOVEMBER, 14 1875.

	11 <del>10</del> A. M.	4 P. M.	
Barometer . . . . .	29.862	29.749	
Thermometer attached.	47.7	48.0	
" external No. 2.	44.8	38.0	
" " No. 3.	43.7	37.5	
" " No. 4.	44.1	37.8	
" Maximum .	52.7 *		* This must be 57.7; see 2 P. M. Nov. 13
" (Set) .	44.8		
" Minimum .	40.7		
" (Set) .	43.9		
" Solar max. .			
" (Set) .			
Wet? " Dry bulb . . .	40.1	38.7	69?
Dry? " " . . .	45.2	36.0	88
Rain gauge C . . . .	0		
Wind, force & direction.	12 NE	10 NE	
Clouds, amount & kind.	10 m Pm	10 Pm Raining	
	9 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	43.4	41.9	36.0
" No. 3 .	42.6	41.0	35.5
" No. 4 .	43.0	41.2	35.5

NOVEMBER, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.701	29.722	
Thermometer attached.	39.8	42.4	A very little snow fell during the night $\frac{1}{16}$ inch? Snowing at 10 pm
" external No. 2.	30.8	32.8	
" " No. 3.	30.2	32.0	
" " No. 4.	30.3	32.0	
" Maximum .	40.0		
" " (Set) .	36.4		
" Minimum .	27.9		
" " (Set) .	30.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	31.3	32.8	100
" Wet " . . . .	31.2	31.2	99
Rain gauge C . . .	4 $\frac{1}{2}$ ounces 0.384 inches 3 $\frac{1}{16}$ 2	5 NE	
Wind, force & direction.			
Clouds, amount & kind.	10 Pr	10 Pr	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	29.2	32.6	32.2
" No. 3 .	28.5	31.9	31.3
" No. 4 .	28.0	32.2	31.2



NOVEMBER, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.702	29.421	
Thermometer attached.	44.5	45.3	
" external No. 2.	39.3	44.6	Gale began at 10 $\frac{1}{2}$ P.M.
" " No. 3.	38.4	43.8	
" " No. 4.	38.7	43.8	
" Maximum .	38.7		
" " (Set) .	38.7		
" Minimum .	29.3		
" " (Set) .	38.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	40.0	44.8	94
" Wet " . . . .	38.0	42.6	92
Rain gauge C . . . .	0		
Wind, force & direction.	2 S.W.	5 S.W.	
Clouds, amount & kind.	10 Pm	10 Pm Raining	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	34.0	41.4	37.9
" No. 3 .	33.3	40.8	37.6
" No. 4 .	33.0	41.0	37.5

NOVEMBER, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.6 12	29.763	
Thermometer attached.	37.7	35.8	
" external No. 2.	30.2	29.1	
" " No. 3.	29.9	28.7	
" " No. 4.	29.6	28.3	
" Maximum .	44.7		
" " (Set) .	31.4		
" Minimum .	28.0		
" " (Set) .	29.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	31.0	29.5	40
" Wet " . . .	24.0	22.9	43
Rain gauge C . . .	6 1/4 Pump 0.541 inches		
Wind, force & direction.	25 Mr.	30 Mr.	
Clouds, amount & kind.	3 7m	2 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	29.7	30.4	24.6
" No. 3 .	28.8	30.0	23.9
" No. 4 .	28.7	29.7	23.6



NOVEMBER, 18 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.103	30.082	
Thermometer attached.	28.6	35.2	
" external No. 2.	25.0	34.9	
" " No. 3.	24.4	34.0	
" " No. 4.	24.3	34.2	
" Maximum .	32.0		
" " (Set) .	26.3		
" Minimum .	19.0		
" " (Set) .	24.2		
" Solar max. .			
" " (Set) .			
Dry bulb . . .	25.6	35.3	43
" Wet " . . .	19.7	32.5	85
Rain gauge C . . .	0		
Wind, force & direction.	6 N.W.	3 N.W.	
Clouds, amount & kind.	5 R	9 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	20.7	35.4	32.4
" No. 3 .	20.0	34.7	31.5
" No. 4 .	19.3	34.5	31.5

NOVEMBER, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29 699	29 638	
Thermometer attached.	39 1	49 2	
" external No. 2.	42 1	47 2	
" " No. 3.	41 4	46 2	
" " No. 4.	41 7	46 5	
" Maximum .	42 0		
" " (Set) .	42 0		
" Minimum .	28 7		
" " (Set) .	41 2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	43 0	47 6	69
" Wet " . . . .	38 1	41 4	62
Rain gauge C . . .	$\frac{1}{16}$ ounce		
Wind, force & direction.	10 W	1 W	
Clouds, amount & kind.	10 M Pm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	37.4	47.9	44.8
" No. 3 .	36.3	47.2	43.7
" No. 4 .	36.6	47.5	43.7



NOVEMBER, 20 1875.

	10 A. M.	4 $\frac{1}{4}$ P. M.	
Barometer . . . . .	29.972	30 047	
Thermometer attached.	41.7	42.19	
" external No. 2.	42.2	40.2	
" " No. 3.	41.5	39.8	
" " No. 4.	41.7	39.5	
" Maximum .	47.9		
" " (Set) .	42.2		
" Minimum .	34.3		
" " (Set) .	41.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	42.8	40.3	65
" Wet " . . . .	37.4	37.5	85
Rain gauge C . . .	0		
Wind, force & direction.	5 Nw	3 Nw	
Clouds, amount & kind.	10 R haze	8 7m R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	36.2	41.6	33.0
" No. 3 .	35.6	40.9	32.4
" No. 4 .	35.4	41.1	32.1

NOVEMBER, 21 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .		30 050	
Thermometer attached.		41 5	
" external No. 2.		40 3	
" " No. 3.		39 4	Severe auroral arch at 11 P.M. not reaching to S.W. Bay.
" " No. 4.		39 5	
" Maximum .		43 2	
" (Set) .		40 6	
" Minimum .		24 7	
" (Set) .		39 0	
Solar max. .			
" (Set) .			
Dry bulb . . . . .		40 0	
" Wet " . . . . .		37 5	88
Rain gauge C . . . . .		0	
Wind, force & direction.			
Clouds, amount & kind.		10 P.M. Raining	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	27.4	42.4	37.3
" No. 3 .	26.6	42.0	37.1
" No. 4 .	26.4	42.0	36.7



NOVEMBER, 22 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.551	30.599	Some zodiacal light noticed from 6 to 6½ P.M., south of the Milky Way, reaching a little beyond ♌ Capricorn.
Thermometer attached.	32.7	35.9	
" external No. 2.	22.2	27.4	
" " No. 3.	21.6	26.9	
" " No. 4.	21.4	26.6	
" Maximum .	41.6		
" " (Set) .	24.0		
" Minimum .	18.9		Some appearance of aurora at 10½ P.M.
" " (Set) .	21.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	22.6	26.5	
" Wet " . . . .	18.8	21.2	67 52
Rain gauge C . . .	<sup>1</sup> / <sub>8</sub> ounce		
Wind, force & direction.	10 N.W.	3 NW	
Clouds, amount & kind.	0	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	30.6	27.3	20.1
" No. 3 .	30.2	26.6	19.6
" No. 4 .	29.9	26.6	19.8

NOVEMBER, 23-1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30 504	30.121	
Thermometer attached.	28.3	33.7	
" external No. 2.	28 0	34 5	
" " No. 3.	28 9	33 8	Began to snow slowly at 12 m & turned to rain at 2 1/2 P.M.
" " No. 4.	29 0	33 5	
" Maximum .	31 5		
" " (Set) .	31 5		
" Minimum .	13 3		
" " (Set) .	31 5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	32 0	35 0	100
" Wet " . . . .	31 4	33 5	100
Rain gauge C . . .	0		
Wind, force & direction.	6 SE	5 E	
Clouds, amount & kind.	10 Pm haze	10 Pm Rainy	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	15.5	35.5	34.9
" No. 3 .	15.2	35.0	34.1
" No. 4 .	14.8	34.8	34.0



NOVEMBER, 24 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	29.925	30.050
Thermometer attached.	39.2	43 2
" external No. 2.	41.2	39 3
" " No. 3.	39.8	38 8
" " No. 4.	42.3	39 0
" Maximum .	41 8	
" " (Set) .	41 8	
" Minimum .	30.2	
" " (Set) .	42.0	
" Solar max. .		
" " (Set) .		
" Dry bulb . . .	44.0	40 3
" Wet " . . . .	37.0	31 5
Rain gauge C . . .	11 <sup>3</sup> / <sub>8</sub> ounces 1.064 inches	15 mm
Wind, force & direction.	15 mm	15 mm
Clouds, amount & kind.	5 R	3 M

7 meteors noticed within about a quarter of an hour, about 10 P.M.; all but one seemed to radiate from some point near  $\alpha$  Gem.; but their directions differed too little to make out the radiant point well.

53

36

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	38.2	42.0	34.3
" No. 3 .	37.4	36.4	34.0
" No. 4 .	37.7	41.2	33.6

NOVEMBER, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30 050		
Thermometer attached.	38 8		
" external No. 2.	26 1	32 2	
" " No. 3.	25 2	30 9	
" " No. 4.	25 5	30 8	
" Maximum .	41 6		
" " (Set) .	28 0		
" Minimum .	20 3		
" " (Set) .	25 2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	26 7	32 0	53
" Wet " . . . .	21 4	25 2	44
Rain gauge C . . .	0		
Wind, force & direction.	12 N W	12 N W	
Clouds, amount & kind.	0 R	0 R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	22.2	32.0	26.7
" No. 3 .	21.5	31.3	26.3
" No. 4 .	21.2	31.3	25.8



NOVEMBER, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.268	29.981	
Thermometer attached.	34.7	39.0	
" external No. 2.	38.3	50.4	
" " No. 3.	37.3	50.1	
" " No. 4.	37.8	49.8	
" Maximum .	37.6		
" " (Set) .	37.7		
" Minimum .	21.8		
" " (Set) .	37.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	39.2	49.6	86
" Wet " . . . .	36.2	34.2 <sup>x</sup>	70 + Must be 44.2
Rain gauge C . . . .	0		
Wind, force & direction.	6 <sup>+</sup> S E.	10 N W <sup>+</sup>	+ Perhaps the direction of the wave, may have been mistaken, as the wind was from the south later as well as earlier.
Clouds, amount & kind.	10 P m <sup>xx</sup>	10 P m	Rainy
	7 A. M.	3 <sup>30</sup> P. M.	8 <sup>40</sup> P. M.
Thermometer No. 2 .	28.2	50.5	48.2
" No. 3 .	27.3	49.6	49.1
" No. 4 .	27.0	50.1	47.0

xx Not set down at the time; reported to W. H. Allen at 4 P.M.

NOVEMBER, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.036	30.190	
Thermometer attached.	43.9	45.0	
" external No. 2.	43.8	39.0	
" " No. 3.	42.9	38.3	
" " No. 4.	43.2	38.4	
" Maximum .	51.6		
" " (Set) .	43.0		
" Minimum .	37.1		
" " (Set) .	42.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	44.4	39.7	55
" Wet " . . .	37.6	33.0	52
Rain gauge C . . .	6 1/2 inches 0.574 inches		
Wind, force & direction.	15° N	12° NW	
Clouds, amount & kind.	7 pm M Fm	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	44.2	42.5	32.2
" No. 3 .	43.2	41.8	31.6
" No. 4 .	42.8	42.0	31.9



NOVEMBER, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.425	30.298	
Thermometer attached.	36.0	44.0	
" external No. 2.	31.2	34.5	
" " No. 3.	30.0	33.8	
" " No. 4.	30.7	33.8	
" Maximum .	43.0		
" " (Set) .	32.9		
" Minimum .	20.0		
" " (Set) .	30.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	32.3	35.1	60
" Wet " . . . .	27.0	30.1	66
Rain gauge C . . . .	0		
Wind, force & direction.	5° E	5° SE	
Clouds, amount & kind.	7 Rs Fm	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	20.9	33.4	36.3
" No. 3 .	20.2	32.8	35.5
" No. 4 .	20.7	32.7	35.9

NOVEMBER, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.626	29.838	
Thermometer attached.	41.0	44.3	
" external No. 2.	41.1	25.1	
" " No. 3.	40.2	24.6	
" " No. 4.	40.5	24.6	
" Maximum .	43.0		
" " (Set) .	40.5		
" Minimum .	30.8	23.9	
" " (Set) .	40.1	24.0	
" Solar max. .			
" " (Set) .			
" Dry bulb . .	41.8	25.9	54
" Wet " . . .	35.3	19.6	38
Rain gauge C . . .	3 $\frac{5}{8}$ inches 0.320 inches		
Wind, force & direction.	14 W 8 Pm M Fm	30 W 0 Ks Fm	
Clouds, amount & kind.			
	7 A. M.	3 P. M.	9 P. M.
Thermometer No. 2 .	38.9	30.2	12.4
" No. 3 .	37.8	29.7	12.1
" No. 4 .	38.1	29.9	12.



NOVEMBER, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.133	30.116	
Thermometer attached.	mercury out of sight, estimate 10.0	21.0	
" external No. 2.	<del>0.8</del> 0.8	4.4	
" " No. 3.	0.4	4.1	
" " No. 4.	0.0	3.7	
" Maximum .	41.4		
" " (Set) .	4.4		
" Minimum .	-2.9		
" " (Set) .	0.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	{ Below 2	5.2	
" Wet " . . .	{ graduation) cannot be read		
Rain gauge C . . .	0		
Wind, force & direction.	17° NW	11° NW	
Clouds, amount & kind.	1 Pz Rs	2 Pz 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	0-1-5	6.0	1.3
" No. 3 .	0-1-8	5.3	1.2
" No. 4 .	0-2-1	5.1	.9

December 1,

NOVEMBER, 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.070	30.048	
Thermometer attached.	mercury out at night 15.0	22.0	
" external No. 2.	5.9	13.0	
" " No. 3.	5.6	12.8	
" " No. 4.	5.3	12.5	
" Maximum .	6.6		
" " (Set) .	7.0		
" Minimum .	-2.0		
" " (Set) .	5.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	6.8	13.8	
" Wet " . . . .	can't see read	9.4	44
Rain gauge C . . . .	0		
Wind, force & direction.	15 <sup>e</sup> NW	12 <sup>e</sup> NW	
Clouds, amount & kind.	1 R	8 R	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	2	14.0	9.0
" No. 3 .	0	13.7	9.1
" No. 4 .	-5	13.6	8.1



DECEMBER, 2 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.299	30.345	
Thermometer attached.	out of sight estimate 15.0	21.4	
" external No. 2.	12.9	17.7	
" " No. 3.	12.5	17.1	
" " No. 4.	12.4	17.1	
" Maximum .	14.0		
" " (Set) .	14.0		
" Minimum .	5.0		
" " (Set) .	12.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	13.8	18.3	37
" Wet " . . . .	9.0	13.0	38
Rain gauge C . . . .	0		
Wind, force & direction.	15° NW	8° NW	
Clouds, amount & kind.	0	1 Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	5.8	17.9	11.7
" No. 3 .	8.3	17.3	11.8
" No. 4 .	8.1	17.4	11.5

DECEMBER, 3 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	30.424	30.304	
Thermometer attached.	21.4	32.0	
" external No. 2.	18.0	30.9	
" " No. 3.	17.4	30.4	
" " No. 4.	17.3	30.2	
" Maximum .	18.0		
" " (Set) .	18.2		
" Minimum .	7.6		
" " (Set) .	17.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	19.0	31.0	58
" Wet " . . .	14.9	23.9	40
Rain gauge C . . .	0		
Wind, force & direction.	0 <sup>th</sup> SW	1 <sup>st</sup> SE	
Clouds, amount & kind.	0 R <sub>s</sub>	1 P <sub>2</sub> R <sub>s</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	9	31.1	27.9
" No. 3 .	8.5	30.2	27.5
" No. 4 .	8.2	30.3	27.4



DECEMBER, 4 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.109		
Thermometer attached.	30.0		
" external No. 2.	32.9		
" " No. 3.	32.0		
" " No. 4.	32.3		
" Maximum .	32.0		
" " (Set) .	32.0		
" Minimum .	17.0		
" " (Set) .	32.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	33.6		41
" Wet " . . . .	26.2		
Rain gauge C . . . .	0		
Wind, force & direction.	0 calm		
Clouds, amount & kind.	9 P. R.		
	7 A. M.	1 P. M.	9 P. M.
Thermometer No. 2 .	26.9	37.7	32.4
" No. 3 .	26.7	37.0	31.9
" No. 4 .	26.8	37.1	32.1

DECEMBER, 5 1875.

	10 A. M.	4 P. M.	8 P. M.
Barometer . . . . .	29.983		
Thermometer attached.	31.0		
" external No. 2.	29.5		
" " No. 3.	28.6		
" " No. 4.	29.0		
" Maximum .	38.6		
" " (Set) .	29.2		
" Minimum .	23.5		
" " (Set) .	28.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	30.2		83
" Wet " . . .	27.2		
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> NW		
Clouds, amount & kind.	10 Pm		
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	29.4		29.5
" No. 3 .	29.1		29.1
" No. 4 .	29.6		29.2



DECEMBER, 6 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.735	29.711	
Thermometer attached.	33.7	40.8	
" external No. 2.	30.2	35.1	
" " No. 3.	29.8	34.6	
" " No. 4.	29.9	34.5	
" Maximum .	35.4		
" " (Set) .	30.0		
" Minimum .	24.0		
" " (Set) .	29.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	31.0	35.9	64
" Wet " . . . .	26.2	31.6	73
Rain gauge - C . . .	0		
Wind, force & direction.	6 <sup>th</sup> NW	2 <sup>nd</sup> W	
Clouds, amount & kind.	9 Pz	6 Pm 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	25.7	35.8	27.3
" No. 3 .	24.8	35.0	26.8
" No. 4 .	24.9	35.2	26.6

DECEMBER, 7 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.699	29.598	
Thermometer attached.	30.4	34.1	
" external No. 2.	29.0	36.0	
" " No. 3.	28.4	35.3	
" " No. 4.	28.9	35.7	
" Maximum .	35.3		
" " (Set) .	29.0		
" Minimum .	20.6		
" " (Set) .	28.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	29.9	36.4	69
" Wet " . . .	25.7	31.4	66
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> NW	1 <sup>st</sup> SE	
Clouds, amount & kind.	10 P <sub>2</sub>	10 P <sub>2</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	27.9	36.9	34.1
" No. 3 .	27.8	36.1	33.4
" No. 4 .	27.8	36.7	33.9

A few snowflakes  
about 1 $\frac{3}{4}$  P.M.



DECEMBER, 8 1875.

	10 A. M.	4 P. M.
Barometer . . . . .	29.476	29.518
Thermometer attached.	35.8	36.6
" external No. 2.	32.4	33.2
" " No. 3.	31.9	32.7
" " No. 4.	32.0	32.7
" Maximum .	36.2	
" (Set) .	32.2	
" Minimum .	28.0	
" (Set) .	31.5	
" Solar max. .		
" (Set) .		
" Dry bulb . .	33.0	33.9
" Wet " . . .	28.4	28.9
Rain gauge C . . .	0	
Wind, force & direction.	7 <sup>th</sup> N	2 <sup>nd</sup> E
Clouds, amount & kind.	10 R	10 Rm

A little rain  
in the evening67  
65

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	35.2	34.5	30.6
" No. 3 .	34.9	33.4	30.2
" No. 4 .	35.1	34.1	30.9

DECEMBER, 9 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.668	29.626	
Thermometer attached.	34.9	37.0	About half an inch of snow on the ground this morning
" external No. 2.	32.8	34.9	
" " No. 3.	32.1	34.5	
" " No. 4.	32.8	34.5	
" Maximum .	34.0		
" " (Set) .	32.9		
" Minimum .	28.9		
" " (Set) .	31.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	33.6	35.4	98
" Wet " . . . .	31.9	34.2	100
Rain gauge C . . .	0 $\frac{3}{4}$ inches 0.066 inches		
Wind, force & direction.	0 calm	0° N	
Clouds, amount & kind.	10 P	10 P a little snow	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	30.1	36.4	34
" No. 3 .	29.7	35.8	33.2
" No. 4 .	29.4	36.3	33.8



DECEMBER, 10 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.759	29.790	
Thermometer attached.	36.3	35.8	
" external No. 2.	31.0	34.9	
" " No. 3.	30.2	34.1	
" " No. 4.	30.6	34.3	
" Maximum .	35.8		
" " (Set) .	31.0		
" Minimum .	29.5		
" " (Set) .	30.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	31.8	35.6	68
" Wet " . . .	27.3	29.4	55
Rain gauge C . . . .	0.3 inches 0.033 inches		
Wind, force & direction.	7 <sup>th</sup> W	10 <sup>th</sup> NW	
Clouds, amount & kind.	10 Pm	4 Pm Rm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	31.9	33.4	27.2
" No. 3 .	31.2	32.7	26.9
" No. 4 .	31.7	33.0	26.8

DECEMBER, 11 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.894	29.778	
Thermometer attached.	30.8	36.2	
" external No. 2.	26.9	32.0	
" " No. 3.	25.2	31.7	
" " No. 4.	26.5	31.9	
" Maximum .	34.6		
" " (Set) .	27.0		
" Minimum .	20.9		
" " (Set) .	25.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	27.8	32.8	74
" Wet " . . .	24.2	28.2	67
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> W	5 <sup>th</sup> 8 W	
Clouds, amount & kind.	9 P. Rs thin	10 P. m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	22.1	33.8	30.6
" No. 3 .	21.6	33.2	30.0
" No. 4 .	21.4	33.5	29.9



DECEMBER, 12 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.632	29.527	
Thermometer attached.	34.0	40.0	
" external No. 2.	32.1	37.8	
" " No. 3.	31.6	36.9	
" " No. 4.	31.9	37.1	
" Maximum .	34.6		
" " (Set) .	32.0		
" Minimum .	25.7		
" " (Set) .	31.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	33.0	38.3	89
" Wet " . . .	30.5	34.0	73
Rain gauge C . . .	0 $\frac{1}{8}$ inches 0.011 inches		
Wind, force & direction.	0 <sup>e</sup> W	1 <sup>e</sup> W	
Clouds, amount & kind.	10 <sup>th</sup> snowing	0 <sup>th</sup> fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	31.1	38.0	32
" No. 3 .	30.8	37.2	31.7
" No. 4 .	30.8	37.6	31.9

DECEMBER, 13 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.180	29.140	
Thermometer attached.	34.4	41.6	
" external No. 2.	33.7	39.2	
" " No. 3.	32.7	38.6	A little snow early
" " No. 4.	33.0	38.8	
" Maximum .	38.7		
" " (Set) .	34.5		
" Minimum .	24.0		
" " (Set) .	32.8		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	34.6	39.9	73
" Wet " . . .	30.4	32.8	49
Rain gauge C . . .	0.3 inches		
Wind, force & direction.	6 <sup>2</sup> SW	6 <sup>2</sup> W	
Clouds, amount & kind.	10 Bm Pr Fm	8 Bm M Fm Ro	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	28.3	40.2	32.3
" No. 3 .	27.8	39.6	31.9
" No. 4 .	27.4	39.8	32.1



DECEMBER, 14 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.378	29.458	
Thermometer attached.	33.1	35.1	
" external No. 2.	26.7	22.9	
" " No. 3.	26.0	22.4	
" " No. 4.	26.1	22.2	
" Maximum .	39.7		
" " (Set) .	27.8		
" Minimum .	23.1		
" " (Set) .	25.6		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	27.3	23.6	41
" Wet " . . .	21.0	17.9	43
Rain gauge C . . .	0		
Wind, force & direction.	18° W	16° W	
Clouds, amount & kind.	1 fm	3 Pkys fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	24.3	24.6	18-
" No. 3 .	23.8	24.2	17.3
" No. 4 .	24	24.0	17.9

DECEMBER, 15 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.690	29.689	
Thermometer attached.	126.0	35.7	
" external No. 2.	19.0	25.3	
" " No. 3.	18.0	24.9	
" " No. 4.	18.2	24.9	A little snow in the evening
" Maximum .	28.0		
" (Set) .	20.2		
" Minimum .	12.2		
" (Set) .	17.9		
" Solar max. .			
" (Set) .			
" Dry bulb . . .	19.8	26.0	58
" Wet " . . . .	15.6	19.6	38
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>th</sup> W	6 <sup>th</sup> W	
Clouds, amount & kind.	0 R R	2 R R Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	14.1	26.0	24.5
" No. 3 .	13.2	25.2	23.9
" No. 4 .	13.7	25.3	24.1



DECEMBER, 16 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.750	29.764	
Thermometer attached.	32.0	34.4	
" external No. 2.	36.2	36.7	
" " No. 3.	35.5	35.9	
" " No. 4.	35.8	36.2	A little snow following night
" Maximum .	35.9		
" " (Set) .	36.0		
" Minimum .	17.8		
" " (Set) .	35.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	37.0	37.1	65
" Wet " . . . .	31.8	31.8	64
Rain gauge C . . .	0 <sup>3</sup> / <sub>8</sub> ounces 0.033 inches		
Wind, force & direction.	7 <sup>e</sup> W 10 Pr	2 <sup>e</sup> W 9 Pr	
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	31.	37.1	31.1
" No. 3 .	30.9	36.9	30.9
" No. 4 .	30.4	37.3	30.7

DECEMBER, 17 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.548	29.500	
Thermometer attached.	34.8	38.0	
" external No. 2.	32.4	32.9	
" " No. 3.	31.7	32.5	
" " No. 4.	32.3	32.4	
" Maximum .	37.4		
" " (Set) .	32.3		
" Minimum .	30.6		
" " (Set) .	31.5		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	33.3	33.4	100
" Wet " . . . .	31.9	25.8	39
Rain gauge C . . .	1 3/8 inches 0.121 inches		
Wind, force & direction.	4 <sup>e</sup> W	13 <sup>e</sup> W	
Clouds, amount & kind.	10 P <sub>u</sub>	8 R <sub>u</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	32.1	36.6	20.1
" No. 3 .	31.5	36.0	19.8
" No. 4 .	31.9	36.2	19.6



DECEMBER, 18 1875.

	9 A. M.	4 P. M.	
Barometer . . . . .	29.615	29.694	
Thermometer attached.	25.9	31.0	
" external No. 2.	11.8	11.9	
" " No. 3.	11.2	11.8	
" " No. 4.	11.1	11.4	
" Maximum .	36.4		
" " (Set) .	13.8		
" Minimum .	9.3		
" " (Set) .	10.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	12.7	13.0	66
" Wet " . . .	9.5	9.2	54
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>th</sup> W	9 <sup>th</sup> W	
Clouds, amount & kind.	0	0 7m	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	10.9	13.7	8.8
" No. 3 .	10.3	13.3	8.3
" No. 4 .	10.1	13.2	8.1

DECEMBER, 19 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.962	30.156	
Thermometer attached.	21.3	25.7	
" external No. 2.	10.8	2.0	
" " No. 3.	10.5	2.0	
" " No. 4.	10.2	1.4	
" Maximum .	14.0		
" " (Set) .	13.0		
" Minimum .	5.4		
" " (Set) .	9.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	11.8	below	571
" Wet " . . .	8.1	graduation	
Rain gauge C . . .	20 W	10 W	
Wind, force & direction.	47m N R	07m	
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	10.2	5.0	- 6
" No. 3 .	10.1	5.0	
" No. 4 .	9.7	4.4	- 6.8



DECEMBER, 20 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.624	30.472	
Thermometer attached.	out of sight estimate 10.0	21.3	
" external No. 2.	-0.9	14.8	
" " No. 3.	-0.9	14.4	
" " No. 4.	-1.3	14.0	
" Maximum .	14.0		
" (Set) .	2.4		
" Minimum .	-9.3		
" (Set) .	-1.8		
" Solar max. .			
" (Set) .			
" Dry bulb . . .	below	15.0	54
" Wet " . . .	graduation	11.0	54
Rain gauge C . . .	0		
Wind, force & direction.	1 <sup>st</sup> W	2 <sup>nd</sup> SW	
Clouds, amount & kind.	10 P <sub>2</sub>	10 P <sub>2</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	-7.8	9.5	23.1
" No. 3 .		9.2	22.1
" No. 4 .	-8.6	9.2	22.4

DECEMBER, 21 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.186	30.023	
Thermometer attached.	29.0	39.2	
" external No. 2.	39.2	50.0	
" " No. 3.	38.2	49.3	
" " No. 4.	38.8	49.7	
" Maximum .	38.3		
" " (Set) .	38.0		
" Minimum .	-1.8		
" " (Set) .	38.2		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	40.0	50.8	50
" Wet " . . .	34.1	41.3	43
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> SW	6 <sup>th</sup> SW	
Clouds, amount & kind.	7 P. 7 <sup>th</sup> R	8 P. 8 <sup>th</sup> thin	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	35.9	51.5	47.1
" No. 3 .	35.5	51.4	46.1
" No. 4 .	35.6	51.0	46.9



DECEMBER, 22 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.850	29.816	
Thermometer attached.	38.8	45.0	
" external No. 2.	47.0	50.0	Zodiacal light conspicuous 16 to 6½ P. M.; parted from the Milky Way about 4° high than Altair; Saturn near southern edge Apex indistinct; indeed faint light traceable all along the zodiac to Taurus where it again joined the Milky Way.
" " No. 3.	46.0	49.0	
" " No. 4.	46.4	49.3	
" Maximum .	51.5		
" " (Set) .	45.8		
" Minimum .	38.0		
" " (Set) .	46.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . . . . .	47.8	50.6	73
" Wet " . . . . .	43.0	42.8	54
Rain gauge C . . . . .	0½ inches 0.1044 inches		
Wind, force & direction.	5° W	5° W	
Clouds, amount & kind.	9 P. B. - thin	0	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	43.1	51.8	41.6
" No. 3 .	42.1	51.0	40.7
" No. 4 .	42.9	51.4	41.3

DECEMBER, 23 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.561	29.633	
Thermometer attached.	41.2	51.1	
" external No. 2.	49.3	54.4	
" " No. 3.	48.0	53.8	At 6 1/2 P.M.
" " No. 4.	48.5	54.2	little or no
" Maximum .	51.0		zodiacal light
" " (Set) .	48.2		visible.
" Minimum .	39.4		
" " (Set) .	48.4		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	50.2	55.1	68
" Wet " . . .	44.6	47.0	56
Rain gauge C . . .	0	1	
Wind, force & direction.	7 <sup>th</sup> SW	8 <sup>th</sup> W	
Clouds, amount & kind.	0 R	1 Pm Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	43.	56.7	46.
" No. 3 .	42.1	55.8	45.1
" No. 4 .	41.8	56.4	45.9



DECEMBER, 24 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.33, 9	30.30 9	
Thermometer attached.	39.6	39.8	
" external No. 2.	31.2	29.8	† Must be 56.7 by observations of 284 P.M. Dec. 23.
" " No. 3.	30.2	28.8	
" " No. 4.	30.7	29.0	
" Maximum .	† 51.7		
" " (Set) .	31.7		Snow beginning after 7 P.M.
" Minimum .	25.4		
" " (Set) .	30.3		
" Solar max. .			
" " (Set) .			
" Dry bulb . . .	32.0	30.1	48
" Wet " . . . .	25.6	25.9	68
Rain gauge C . . .	0		
Wind, force & direction.	4 <sup>th</sup> NE	5 <sup>th</sup> E	
Clouds, amount & kind.	0 Rs	10 Pm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	* 21.9	30.0	28.1
" No. 3 .	* 21.1	29.2	27.5
" No. 4 .	* 21.7	29.4	28.7

\* Probably 26.9  
26.1  
26.7

DECEMBER, 25 1875.

	10 A. M.	4 P. M.	
Barometer . . . .	29.772	29.740	
Thermometer attached.	37.1	37.2	
" external No. 2.	29.0	31.9	At 10 $\frac{1}{4}$ AM
" " No. 3.	28.9	31.1	snow 1 $\frac{1}{4}$ inches deep
" " No. 4.	29.0	31.4	10 $\frac{1}{2}$ inches in cylinder
" Maximum .	36.0		1 $\frac{1}{8}$ inches across weigh
" " (Set) .	29.5		6 $\frac{5}{8}$ ounces. Hence
" Minimum .	27.3		rainfall 0.495 inches.
" " (Set) .	28.0		<del>Bar</del> Mean of
" Solar max. .			this morning and that
" " (Set) .			by gauge C 0.457 inches;
" Dry bulb .	29.8	32.9	adopted as rainfall.
" Wet " .	28.0	30.6	
Rain gauge C .	4 $\frac{3}{4}$ ounces 0.419 inches		
Wind, force & direction.	5 <sup>th</sup> NW	3 <sup>rd</sup> NW	
Clouds, amount & kind.	10 P <sub>2</sub> ; a little fine rain	10 P <sub>2</sub> ; a little fine rain	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	36	30.8	37.1
" No. 3 .	35.1	30.0	35.9
" No. 4 .	35.3	30.6	36.6



DECEMBER, 26 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.299	30.089	
Thermometer attached.	35.8	38.3	
" external No. 2.	33.6	37.1	
" " No. 3.	33.0	36.5	
" " No. 4.	33.4	36.6	
" Maximum .	37.6		
" " (Set) .	33.5		
" Minimum .	25.7		
" " (Set) .	32.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	34.2	37.8	71
" Wet " . . .	29.8	33.9	76
Rain gauge C . . .	0		
Wind, force & direction.	1° W	3° E	
Clouds, amount & kind.	9 Pm Rs	10 Pm Fm	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	30.	36.9	37.1
" No. 3 .	28.3	36.1	36.5
" No. 4 .	28.6	36.3	37.

Thunder and  
lightning  
about 9½ P.M.  
with some  
rain.

DECEMBER, 27 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	29.945	30.217	
Thermometer attached.	42.7	46.0	
" external No. 2.	43.1	37.1	
" " No. 3.	42.4	36.6	Zodiacal light noticed 6 to 7 P.M. reaching to Taurus as on Dec, 22.
" " No. 4.	42.7	36.7	
" Maximum .	51.4		
" " (Set) .	42.2		
" Minimum .	32.4		
" " (Set) .	42.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	43.9	37.8	79
" Wet " . . .	40.1	30.2	46
Rain gauge C . . .	1 1/8 inches 0.65 inches		
Wind, force & direction.	3 <sup>e</sup> W	8 <sup>e</sup> NW	
Clouds, amount & kind.	10 P <sup>u</sup> 7m	0 Rs	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	48.2	39.9	25.9
" No. 3 .	47.9	39.0	20.2
" No. 4 .	48.5	39.3	25.8



DECEMBER, 28 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.496	30.310	
Thermometer attached.	31.9	34.0	
" external No. 2.	24.6	32.0	
" " No. 3.	24.0	31.4	
" " No. 4.	24.3	31.6	
" Maximum .	42.5		
" " (Set) .	25.3		
" Minimum .	17.1		
" " (Set) .	23.7		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	25.2	32.8	74
" Wet " . . .	21.8	28.8	74
Rain gauge C . . .	0		
Wind, force & direction.	6 <sup>th</sup> NW	2 <sup>nd</sup> E	
Clouds, amount & kind.	10 P <sub>2</sub>	90 P <sub>2</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	20.4	31.8	30.1
" No. 3 .	19.9	30.9	29.7
" No. 4 .	20.6	31.1	30.

DECEMBER, 29 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.841	30.341	
Thermometer attached.	33.5	36.0	
" external No. 2.	29.0	34.5	
" " No. 3.	28.6	33.8	
" " No. 4.	28.8	34.0	
" Maximum .	32.0		
" " (Set) .	29.2		
" Minimum .	23.4		
" " (Set) .	28.1		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	29.9	35.2	91
" Wet " . . .	27.6	32.0	82
Rain gauge C . . .	0 1/2 inches 0.044 inches		
Wind, force & direction.	2 <sup>nd</sup> NW	2 <sup>nd</sup> NE	
Clouds, amount & kind.	8 P. Rs	10 P. Rs Im snowing	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	27.	33.9	33.2
" No. 3 .	26.5	33.1	33.1
" No. 4 .	26.9	33.4	33.9



DECEMBER, 30 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.270	30.166	
Thermometer attached.	36.8	38.3	
" external No. 2.	38.0	39.8	
" " No. 3.	37.1	39.0	
" " No. 4.	37.7	39.4	
" Maximum .	37.3		
" " (Set) .	37.4		
" Minimum .	28.0		
" " (Set) .	37.0		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	38.8	40.1	95
" Wet " . . .	36.8	38.4	98
Rain gauge C . . .	0 <sup>1</sup> / <sub>4</sub> inches 0.022 inches		
Wind, force & direction.	0° S E	0° S	
Clouds, amount & kind.	10 Pm some fog	10 Pm mist	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	35.	39.6	40.3
" No. 3 .	34.6	38.8	39.7
" No. 4 .	35.1	39.5	40.4

DECEMBER, 31 1875.

	10 A. M.	4 P. M.	
Barometer . . . . .	30.170	30.069	
Thermometer attached.	38.7	47.8	
" external No. 2.	37.9	53.0	
" " No. 3.	36.9	52.2	
" " No. 4.	37.3	52.5	
" Maximum .	40.0		
" " (Set) .	37.7		
" Minimum .	32.2		
" " (Set) .	36.9		
" Solar max. .			
" " (Set) .			
" Dry bulb . .	39.1	53.9	94
" Wet " . . .	37.0	49.6	80
Rain gauge - C . . .	0.011 inches		
Wind, force & direction.	2 <sup>nd</sup> SW	1 <sup>st</sup> W	
Clouds, amount & kind.	2 R <sub>1</sub> R <sub>m</sub>	5 R <sub>s</sub>	
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .	33.2	53.3	47.1
" No. 3 .	32.5	52.4	46.8
" No. 4 .	33.5	52.7	47.2



DECEMBER, 1875.

	10 A. M.	4 P. M.
Barometer . . . . .		
Thermometer attached.		
" external No. 2.		
" " No. 3.		
" " No. 4.		
" Maximum .		
" " (Set) .		
" Minimum .		
" " (Set) .		
" Solar max. .		
" " (Set) .		
" Dry bulb . . .		
" Wet " . . . .		
Rain gauge C . . . .		
Wind, force & direction.		
Clouds, amount & kind.		

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .			

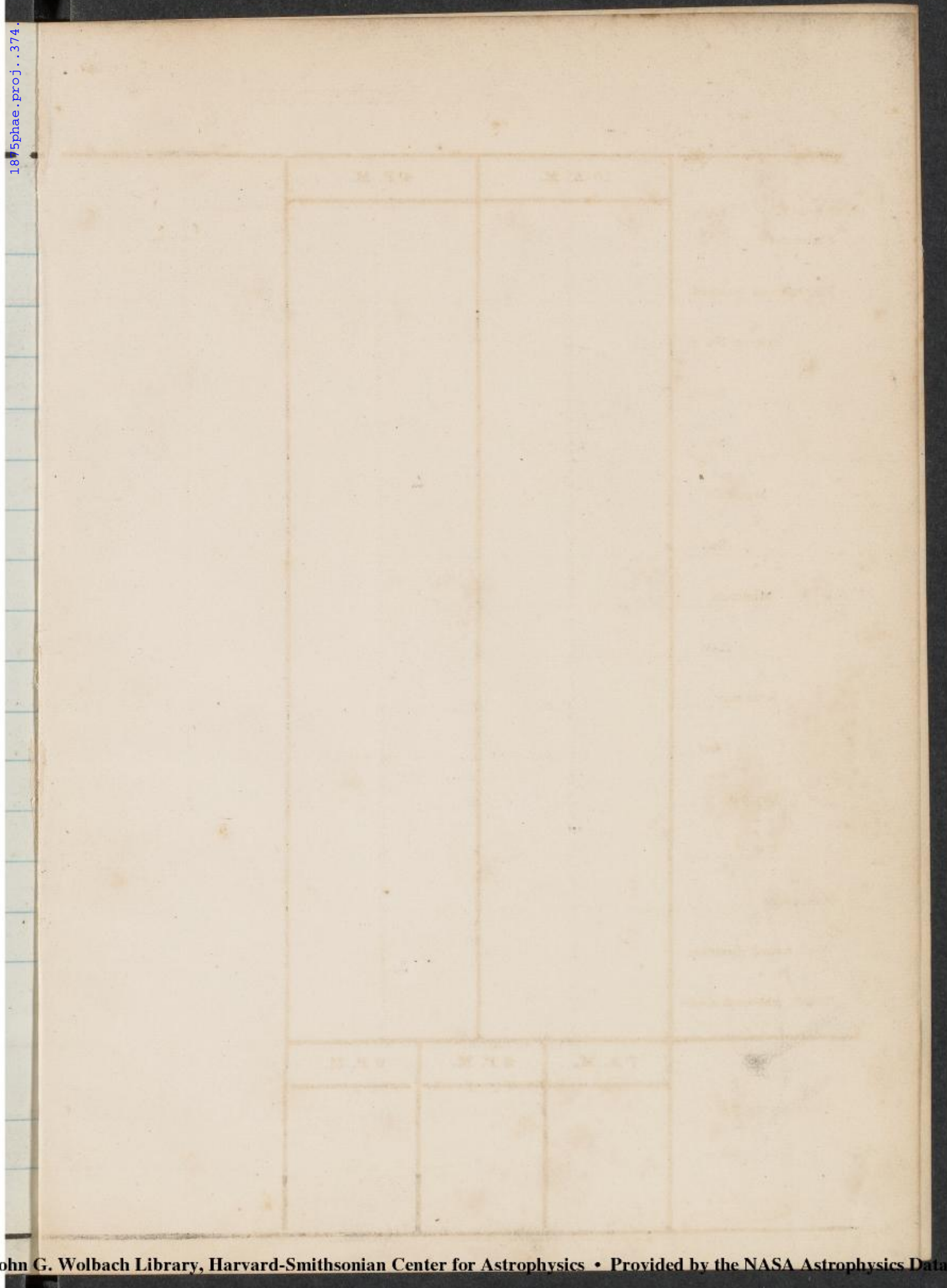
	10 A. M.	4 P. M.	
Barometer . . . . .			
Thermometer attached.			
“ external No. 2.			
“ “ No. 3.			
“ “ No. 4.			
“ Maximum .			
“ “ (Set) .			
“ Minimum .			
“ “ (Set) .			
“ Solar max. .			
“ “ (Set) .			
“ Dry bulb . .			
“ Wet “ . . . .			
Rain gauge C . . . .			
Wind, force & direction.			
Clouds, amount & kind.			

	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
“ No. 3 .			
“ No. 4 .			

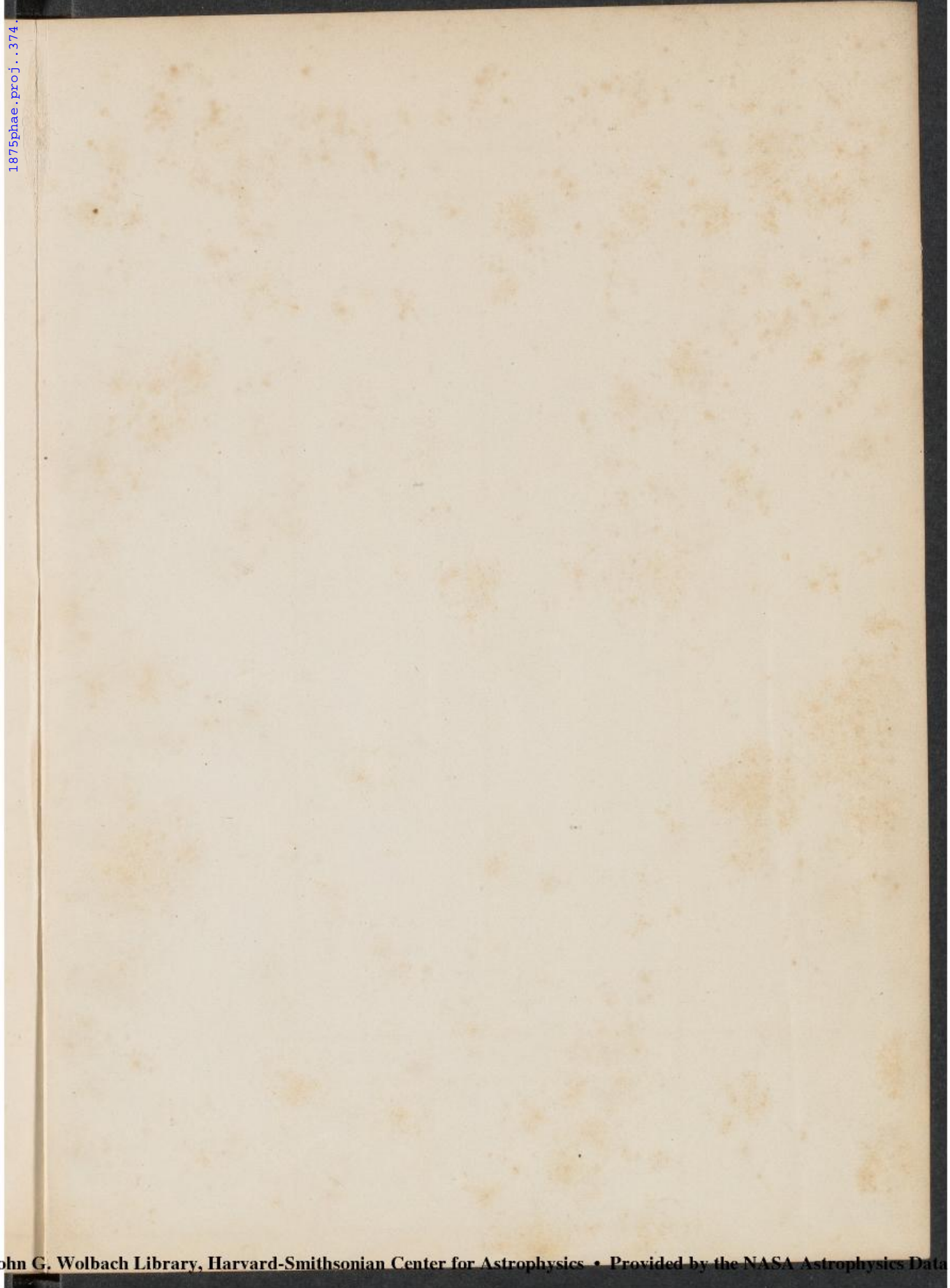


	10 A. M.	4 P. M.	
Barometer . . . . .			
Thermometer attached.			
" external No. 2.			
" " No. 3.			
" " No. 4.			
" Maximum .			
" " (Set) .			
" Minimum .			
" " (Set) .			
" Solar max. .			
" " (Set) .			
" Dry bulb . .			
" Wet " . . .			
Rain gauge C . . .			
Wind, force & direction.			
Clouds, amount & kind.			
	7 A. M.	2 P. M.	9 P. M.
Thermometer No. 2 .			
" No. 3 .			
" No. 4 .			











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