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DAILY JOURNAL FOR 1873.

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Cumulus	M
Pallio-cumulus	Pm
Fracto-cumulus	Fm
Cirrus	R
Pallio-cirrus	Pr
Cirro-stratus	Rs
Cirro-cumulus	Rm

9.79770
8.94575
7.93708

7.93546 2.06454

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Daily Journal

FOR

1873.

Containing a Blank Page for Every Day in the Year.

PUBLISHED ANNUALLY FOR THE Trade.

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Counting-House Calendar for 1873.

	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JANUARY				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
FEBRUARY							1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	
MARCH							1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31					
APRIL			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30			
MAY					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
JUNE	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					

	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JULY			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		
AUGUST						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						
SEPT'R		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30				
OCTOBER				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
NOVEMBER							1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30						
DEC'R		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			

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WEDNESDAY, JANUARY 1, 1873.

	7	10	2	4	9
Barom.		30,400		30.362	
Att. Th.		56.7		64.2	
No. 4	3.8	9.1	22.8	23.0	
Min.		1.2 (9.1)			
Solar				99.8 (35.3)	
Max.					
Dry		11,5		24.1	
Wet		×10.9		21.3	
Gauge C		†1.5 3/10			
Wind		2c SW		1c W	
Clouds		0 haze		7 Ci Ns thin	

× Wetted at 9¼ A.M.

† New snow at 10 A.M. about 2½ inches deep. 18 inches in cylinder of 1⅞ inches diameter weigh 2¾ ounces. Hence rainfall 0.240 inches. This result preferred to that by gauge C.

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30.15½

SATURDAY, JANUARY 4, 1873.

	7	10	2	4	9
Barom.		29.952		30.153	
Att. Th.		61.2		70.0	
No. 4	33.0	35.8	37.0	33.2	22.5
Min.		32.0 (36.2)			
Solar				100.2 (33.0)	
Max.					
Dry		37.0		34.0	
Wet		31.0		28.6	
Gauge C		0 ×			
Wind		4 W		3 N.W	
Clouds		0		3 Rs. Rm	

Lunar halo at 7.30. P.M.

× 2oz. 4 P.M. Jan. 3 = 0.177 inches

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SUNDAY, JANUARY 5, 1873.

	7	10	2	4	9
Barom.		30.340		29.850	
Att. Th.		59.2		56.2	
No. 4	14.7	19.6	33.8	34.4	
Min.		13.5 (20.0)			
Solar				95.5 (34.8)	
Max.					
Dry		21.0		34.9	
Wet		19.0		33.5	
Gauge C		0			
Wind		1 N.		6 4	
Clouds		10. Pm. Rs		10 haze	
		little haze			

at 1.00 P.M. sleet, then rain which continue in the night
Wind blowing very strong in later part of night

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MONDAY, JANUARY 6, 1873.

	7	10	2	4	9
Barom.		29.903		30.080	
Att. Th.		60 0		63.5	
No. 4	38.3	33.9	32.4	30.6	
Min.		21.2 (33.8)			
Polar				92.8 (39.9)	
Max.					
Day		34.2		31.4	
Wet		29.2		25.0	
Gauge C		18 5/8 03 *		0	
Wind		8 W.S.W		4 W.	
Clouds		1 Fm.		0	

* 1.682 inches

The 10.00 A.M. observation has been made at 10.35

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TUESDAY, JANUARY 7, 1873.

	7	10	2	4	9
Barom.		30.450		30,390	
Att. Th.		56.6		64,9	
No. 4	9.7	12.8	24.2	23.5	
Min.		8.0 (12.8)			
Polar Max.				92.0 (29.4)	
Dry		14.2		24.6	
Wet		12.0		20.4	
Gauge C		0			
Wind		3 N		4e W	
Clouds		1 Rs		9 PcRRs	

Extensive aurora with much red light seen from time to time between 6 & 9 P.M.

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WEDNESDAY, JANUARY 8, 1873.

	7	10	2	4	9
Barom.		30.267		30.129	
Att. Th.		50.3		60.8	
No. 4	8.5	14.8	22.4	24.7	27½
Min.		3.3 (14.0)			
Solar				45.3 (27.5)	
Max.					
Dry		15.9		26.1	
Wet		15.0		23.8	
Gauge C		0			
Wind		4e N		2e N	
Clouds		10 P2		10 P2	

A little snow about 10 A.M.
ye A little rain in the evening

Observation at 9 P.M. on this date and hereafter by W. Winlock

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THURSDAY, JANUARY 9, 1873.

	7	10	2	4	9
Barom.		29.748		29.816	
Att. Th.		65.5		64.0	
No. 4	33.2	32.7	35.0	30.4	22
Min.		14.0 (32.5)			
Solar				98.8 (41.1)	
Max.		40.5 (32.9)			
Dew		34.5		31.7	
Wet		32.2		26.0	
Gauge		49			
Wind		6e SW		10e SW	
Clouds		0		3 Cu M 7 Sn	

Rain previous night.
Rd Sw

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FRIDAY, JANUARY 10, 1873.

	7	10	2	4	9
Barom.		30.150		30.082	
Att. Th.		55.4		61.4	
No. 4	10.3	17.8	22.0	20.9	11.6
Min.		10.0 (17.5)			
Solar				90.6 (47.5)	
Max.		34.7 (20.2)			
Dry		19.2		22.0	
Wet		15.0		17.0	
Gauge		0			
Wind		13° SW		10° SW	
Clouds		0		0	

2d

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SATURDAY, JANUARY 11, 1873.

	7	10	2	4	9
Barom.		30.166		30.133	
Att. Th.		44.0		49.9	
No. 4	1.3	3.8	11.2	10.8	7.5
Min.		0,3 (3.5)			
Solar				84.7 (43.6)	
Max.		22.0 (6.5)			
Dry		(cannot be read)		12,0	
Wet				9.1	
Gauge C		0			
Wind		6 W		6 SW	
Clouds		0 RRs		0	

rd

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SUNDAY, JANUARY 12, 1873.

	7	10	2	4	9
Barom.		30.43		30.481	
Att. Th.		44.0		56.6	
No. 4	5.2	11.1	16.6	17.1	9.6
Min.		3.5 (11.0)			
Solar				86.9 (35.6)	
Max.		13. (12.7)		18.2	
Dry		(burned)			
Wet		{read it}		14.8	
Gauge C		0			
Wind		6 Mo		2c W	
Clouds		1 Pt Rs		0 Rs	

rd

Observations at 10 A.M. by W. Kubok

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MONDAY, JANUARY 13, 1873.

	7	10	2	4	9
Barom.		30.467		30.268	
Att. Th.		57.5		59.0	
No 4	14.0	21.8	27.6	27.3	36.0
Min.		7.0 (21.2)			
Polar				40.8 (30.2)	
Max.		22.4 (22.7)			
Dry		23.0		28.3	
Wet		19.9		25.9	
Gauge		0			
Wind		3 SE		2 SE	
Clouds		10 R		10 R	
		snowing			

y d= A little snow at times.

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TUESDAY, JANUARY 14, 1873.

	7	10	2	4	9
Barom.		30.010		30.151	
Att. Th.		58.7		66.9	
No. 4	36.7	40.1	43.6	40.7	27.9
Min.		21.2 (40.0)			
Solar				105.8 (62.0)	
Max.		40.0 (40.0)			
Dry		41.4		41.9	
Wet		38.2		35.8	
Gauge C		7 4/10			
Wind		5e W		6e W	
Clouds		0 Fm		5 Pm Pr Rs M Fm	

Rain previous night

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WEDNESDAY, JANUARY 15, 1873.

	7	10	2	4	9
Barom.		30,758		30.772	
Att. Th.		31,6		62.8	
No. 4		18.1	19.3	18.6	18.9
Min.	15.5	15.0 (17.3)			
Solar				61.9 (21.8)	
Max.		43,5 (19.0)			
Dry				19.8	
Wet				18.0	
Gauge C		0			
Wind		10 E N		10 E N	
Clouds		10 R2		10 R2	

yRd yH.

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THURSDAY, JANUARY 16, 1873.

	7	10	2	4	9
Barom.		30.340		30.096	
Att. Th.		53.2		61.0	
No. 4	21.5	25.6	35.2	45.3	45.2
Min.		17.1 (24.9)			
Solar				71.9 (62.3)	
Max.		25.4 (25.4)			
Dry		26.6		46.0	
Wet		25.6		44.3	
Gauge C		6			
Wind		1 N		5 SW	
Clouds		10 R fog		8 Cm Fm haze	

A little rain previous night & early in the day.

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FRIDAY, JANUARY 17, 1873.

	7	10	2	4	
Barom.		29.766		29.824	10.30
Att. Th.		67.3		68.0	
No. 4	46.3	47.7	46.2	43.6	34.0
Min.		24.9 (46.7)		62.2 (45.8)	
Solar					
Max.		48.2 (45.0)			
Dry		48.6		44.9	
Wet		47.4		43.1	
Gauge		6 1 8/10			
Wind		4 E S		1 E NW	
Clouds		10 Pm fog raining		10 Pm Rs	

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SATURDAY, JANUARY 18, 1873.

	7	10	2	4	9
Baron.		30.052		29.896	
Att. Th.		65.2		66.9	
No. 4	28.2	28.9	29.7	31.0	34.8
Min.		26.1 (28.2)			
Solar				45.7 (33.0)	
Max.		47.2 (29.6)			
Dry		30.1		32.2	
Wet		27.9		30.7	
Gauge C		6			
Wind		12° NE		11° NE	
Clouds		10 Pm		10 R	
		some rain		morning	

yc Rain, sleet, snow in the forenoon
Snow afternoon. Snow & heavy rain
evening.

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SUNDAY, JANUARY 19, 1873.

	7.	10.30	2	4	9
Barom.		29.779		29.859	
Att. Th.		61.9		59.0	
No. 4	26.5	31.3	27.2	23.5	37.9
Min.		25.8 (30.9)			
Solar				65.9 (58.6)	
Max.		34.2 (33.1)			
Dry		32.6		24.9	
Wet		31.7		20.9	
Gauge C		45			
Wind		9 N.W		15 SW	
Clouds		9 Ro Pn		3 Pn N 7 m	

y Rd y > A 2 . rd U

Observations at 10½ A.M. by W. Winlock. Index of barometer set by him, and read by H. Searle at 2 P.M.

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MONDAY, JANUARY 20, 1873.

	7	10	2	4	9
Barom.	1 ·	30.020		30,032	
Att. Th.		49.9		60.6	
N. 4	13 · 0	20,0	27.6	29.8	30. 5
Min.		12,5 (19.6)			
Solar				92.2 (36.0)	
Max.		34.6 (21.0)			
Dry		21,5		30.9	
Wet		18.5		27.0	
Gauge C		0			
Wind		3² SW		7² SW	
Clouds		9 R Rs thin		10 R	

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TUESDAY, JANUARY 21, 1873.

	7	10	2	4	9
Barom.		29.886		29.740	
Att. Th.		62.6		65.8	
No. 4	29.8	34.5	35.8	34.5	36.0
Min.		19.8 (34.0)		31.9 (36.0)	
Solar					
Max.		34.2 (34.4)			
Day		35.8		35.8	
Wet		32.1		32.4	
Gauge		2			
Wind		1e S		6e E	
Clouds		9 Pm Rn		10 Rn	
				Snowing	

A little snow previous night.
Rn y ←
Some snow & rain afternoon & evening.

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WEDNESDAY, JANUARY 22, 1873.

	7	10	2	4	9
Barom.		29.668		29.774	
Att. Th.		66.1		64.3	
No. 4	32.4	34.6	34.4	33.4	28.4
Min.		30.5 (34.1)			
Solar				96.9 (50.1)	
Max.		38.0 (34.8)			
Dry		35.9		34.7	
Wet		33.1		29.6	
Gauge		29			
Wind		6e W		11e NW	
Clouds		9 Pm Fm		4 Pm Fm	

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THURSDAY, JANUARY 23, 1873.

	7	10	2	4	9
Barom.		30,232		30,232	
Att. Th.		54.4		64.3	
No. 4	19.0	20,3	22.0	22,0	20.2
Min.		18.2 (19.9)			
Solar				93.0 (29.8)	
Max.		37.1 (21,2)			
Dry		21,9		23,1	
Wet		18.7		18,4	
Gauge C		0			
Wind		7 c NW		5 c N	
Clouds		0 Rs		10 R	

2 y< N · y< U

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FRIDAY. JANUARY 24. 1873.

	7	10	2	4	9½
Barom.		29.916		29.660	
Att. Th.		56.8		56.0	
No. 4	23.5	25.0	†15.6	21.8	11.2
Min.		18.3 (24.6)			
Solar				42.7 (24.6)	
Max.		25.9 (26.2)			
Dry		26.2		22.9	
Wet		24.9		21.6	
Gauge C		×not available			
Wind		16° NE		12° NE	
Clouds		10 Pz		10 Pz	
		snowing		snowing	

Snow all day with sleet at times.

× Snow about 2½ inches deep
10½ inches in cylinder 1⅞ inches diameter
weigh 3¼ ounces. Hence rainfall 0.486 inches

† Carefully read: known to be 15.6, not 25.6

At 5 P.M. gauge C cleared out.
Snow 3½ inches deep. 12 inches in cylinder
1¼ inches diameter weigh 5 ounces. Hence
rainfall 0.915 inches in all; 0.429 inches since 10 A.M.

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SATURDAY, JANUARY 25, 1873.

	7	10	1	4	9
Barom.		29.745		29.876	
Att. Th.		45.8		53.3	
			(22.9)		
No. 4	13.5	20.6	23.0	27.3	14.3
Min.		8.1 (20.2)			
Solar				709.0 (51.3)	
Max.		26.6 (21.4)			
Dry		22.0		22.9	
Wet		19.0		20.0	
Gauge C		+4		0	
Wind		6 W		14 N.N.W.	
Clouds		0 Pc 12		N PN 3	

+ Snow at 10 A.M. about 3 inches deep. (Packed together since 5 P.M. 24th) 13 inches in cylinder 1¾ inches diameter weigh 6 ounces.

Hence rainfall 0.869 inches in all: 0.383 inches since 10 A.M. Jan. 24. Taking the mean of this measure & that of 5 P.M. Jan. 24 we have 0.406 for rainfall of last 24 hours

Observations at 2, 4, 9, by W. Winlock
22.9 is the reading of No. 4 at 2 P.M.

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SUNDAY, JANUARY 26, 1873.

	7½	10	2	4	9
Barom.		30.180		30.166	
Att. Th.		42.8		54.0	
No. 4	10.2	16.0	26.8	24.5	17.0
Min.		8.0 (15.2)			
Solar				102.3 (54.8)	
Max.		23.9 (18.5)			
Dry		17.1		25.3	
Wet		15.1		22.0	
Gauge C		0		0	
Wind		1½ W.SW		3 W	
Clouds		10 P.Cu.Nb		3 Cu Pr.	

ye y> Od> Rrz U

Aurora over clouds seen in Boston about 7 P.M.

Observations at 10, 2, 4, 9, by W. Winlock

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MONDAY, JANUARY 27, 1873.

	7	10	2	4	9
Barom.		29.982		29.714	
Att. Th.		57.2		69.3	
No. 4	18.0	18.8	23.4	23.1	22.0
Min.		15.1 (18.0)			
Solar				54.6 (25.7)	
Max.		26.4 (20.0)			
Dry		20.0		24.3	
Wet		18.8		22.9	
Gauge C		x			
Wind		5 c N		9 c NE	
Clouds		10 R. snowing		10 R. snowing	

Snow all day and evening

*2 in. light snow at 10 A.M.

At 5 P.M., gauge C cleared out. New snow about 3½ inches deep, 1¼ inches in cylinder 1⅞ inches in diameter with 2½ ounces. Hence rainfall 0.392 inches at 5 P.M.: 0.224 inches at 10 A.M.

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TUESDAY. JANUARY 28 1873..

	7	10	2	4	9
Barom.	/	29.995		29.916	
Att. Th.		54.7		58.0	
No. 4	16.5	21.0	28.0	27.9	22.0
Mean.		16.2 (20.6)			
Solar				107.0 (48.2)	
Max.		24.2 (22.0)			
Dry		22.6		28.7	
Wet		19.0 ×		24.0	
Gauge C					
Wind		6e W		7eSW	
Clouds		2 Pr Rs		9 Pr Rs	

× Total amount of snow at 10 A.M. about 4½ inches. 13 inches in cylinder 1⅞ inches diameter weighs 2½ ounces.

Gauge C buried up. Dug out & cleared from snow at 10 A.M.

Rainfall 0.543 inches in all; 0.151 inches since 5 P.M. Jan. 27: 0.319 inches since 10 A.M. Jan 27.

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WEDNESDAY, JANUARY 29, 1873.

	7	10	2	4	9
Barom.		30.236		30.252	
Att. Th.		50.0		64.0	
No. 4	1.2	1.4	5.1	5.8	− .5
Min.		0.2 (1.1)			
Solar				100.8 (57.0)	
Max.		28.2 (5.0)			
Dry		{Below graduation}		7.0	
Wet				under fast running	
Gauge C		0			
Wind		13e NW		9e NW	
Clouds		0		0	

A few flakes of snow previous night
rd

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THURSDAY, JANUARY 30, 1873.

	7	10	2	4	9
Barom.		30.217		30.158	8.45
Att. Th.		50.7		65	
Capella 3235		± 0.8	17.6	21.8	
Casella 12530		± 0.7	17.9	21.1	
No. 4		− 0.3	17.4	21.3	16.5
Min.	−9.3(05)	13.9 (0.0)			
Solar				10 30 (45.2)	
Max.		6.3 (3.0)			
Dry		(below graduation)		22.4	
Wet				17.0	
Gauge C		0			
Wind		4c W		9c S	
Clouds		0 R Ro		10 R Ro Rm	

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FRIDAY, JANUARY 31, 1873.

	7	10	2	4	9
Barom.		30.091		30.078	
Att. Th.		62.8		62.2	
3235		20.9	30.9	30.7	
2530		20.0	30.1	30.0	
No. 4	15.0	20.0	30.3	30.1	
Min.		0.0 (20.0)			
Solar				105.0 (71.8)	
Max.		21.3 (21.0)			
Dry		21.7		31.0	
Wet		17.6		25.2	
Gauge C		0			
Wind		3 SW		4 NW	
Clouds		0		1 R Rs	

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SATURDAY. FEBRUARY 1. 1873.

	7	10	2.20	4	9
Barom.		30.022		29.952	
Att. Th.		46.2		53.0	
9.35 2.30		23.6 22.9		20.8 20.0	
No. 4	18.8	23.4	26.3	25.6	20.3
Min.		18.3 (22.5)			
Solar				81.0 (35.7)	
Max.		30.3 (24.5)			
Dry		24.4		26.2	
Wet		21.0		24.0	
Gauge		0		0	
Wind		2c NW		4. NW	
Clouds		9 Pn		10 Pr R m Ro	

Very little snow between 8.30 and 5 Pm

Observations at 2⅓ & 4 as well as 9, by W. Winlock

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SUNDAY. FEBRUARY. 2. 1873.

	7	10	2	4	9
Barom.	/	30.234		30.250	9
Att. Th.		50.0		56.6	
3285		5.5		120	
29530		5.0		11.9	
Nor.	-1.5	*4.2	10.5	11.6	6.5
Mean.		1.5 (5.0)			
Polar			92	92.5 (5-6.)	
Max.		28.0 (7.0)			
Dry		8.4		73.9	
Wet		4.5		9.5	
Gauge C		(very little snow)		0	
Wind		W. 8		N.W.W. 4	
Clouds		No clouds		clear	

Observations at 10, 2, 4, as well as 9, by
* 4.2 is unlikely
Perhaps 5.2
W. Winlock

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MONDAY, FEBRUARY 3, 1873.

	7	~~8~~ 12¼	2	4	9
Baromr.		30.041		29.916	
Att. Th.		54.0		55.4	
3235 12530		28.7 27.8	33.8 33.0	37.0 36.2	
No. 4	9.5	28.2	33.5	36.6	33.5
Mer.		3.0 (27.5)			
Solar				56.6 (40.8)	
Max.		28.2 (28.2)			
Day		29.4		37.5	
Wet		25.8		33.4	
Gauge		0			
Wind		12e SW		17e SW	
Clouds		10 Pc		10 Pm	

yl A little rain & snow in the evening.

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TUESDAY, FEBRUARY 4, 1873.

	7	10	2	4	9
Barom.		29.677		29.544	
Att. Th.		63.6		66.8	
3235		37.7	47.7	48.3	
12530		36.8	46.8	47.2	
No 4	33.5	37.1	47.1	47.6	36.4
Min.		27.4 (36.5)		109.8 (80.2)	
Solar					
Max.		37.0 (37.0)			
		38.4		49.0	
Dry					
Wet		36.7		43.9	
Gauge C		4			
Wind		10 e SW		9 e SW	
Clouds		10 Pm		0 haze	

y Rw y = N

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WEDNESDAY, FEBRUARY 5, 1873.

	7	10	2	4	9
Barom.		30.031		30.142	
Att. Th.		68.0		70.7	
32 35		33.0	34.5	34.9	
1 25 30		32.7	33.9	34.2	
No. 4	36.5	32.7	34.0	34.3	26.3
Min.		32.3 (32.3)			
Solar				102.1 (74.5)	
Max.		47.7 (33.0)			
Dry		33.6		35.3	
Wet		26.9		29.0	
Gauge C		0			
Wind		10 e N		7 e NW	
Clouds		4 Pm Fm		0 Fm	

Syw y—

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THURSDAY, FEBRUARY 6, 1873.

	7	10	2	4	9
Barom.		30.215		30.084	
Att. Th.		62.0		62.3	
3235		29.2	41.3	40.9	
12530		28.5	40.5	40.0	
No. 4	19.7	28.6	40.6	40.1	34.5
Min.		18.8 (28.2)			
Solar				10.7 (75.5)	
Max.		34.5 (29.8)			
Dry		30.0		41.2	
Wet		26.0		34.0	
Gauge		0			
Wind		10 e SW		14 e SW	
Clouds		1 R		3 R	

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FRIDAY, FEBRUARY 7, 1873.

	7	10	2	4	9½
Barom.	/	30.080		29.858	
Att. Th.		65.0		63.0	
32 35		31.9	35.0	36.1	
12 5 30		31.0	34.0	35.7	
No. 4	28.0	31.5	34.6	35.8	34.8
Min.		26.2 (31.0)			
Solar				76.2 (38.6)	
Max.		40.6 (32.2)			
Dry		32.8		36.8	
Wet		30.3		34.1	
Gauge C		0			
Wind		4e NW		4e NE	
Clouds		10 Pt haze		10 Cm	

y Re Rain in the evening

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SATURDAY, FEBRUARY 8, 1873.

	1	10	2	4	9
Barom.		29.500		29.576	
Att. Th. 3235 12530		66.9 39.0 38.0	42.8 41.9	70.4 42,0 41.0	
No. 4	35.0	38.2	42.2	41.2	34.9
Min.		31.0 (38.0)		108.8 (62.9)	
Solar					
Max.		37.8 (38.0)			
Dry		34.8		42.6	
Wet		36.1		35.3	
Gauge C		50 2/10			
Wind		12c SW		8" W	
Clouds		1 R Rs		3 M Fm	

nw

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SUNDAY, FEBRUARY 9, 1873.

	7	10	2	4	9
Barom.	/	29.672		29.718	
Att. Th.		54.0		66.2	
	32 30	29.0		24.9	
	120 30	28.7		24.5	
No. 24		28.8	28.9	24.5	7.0
Min.		26.4 (28.3)			
Solar				101.3 (63.9)	
Max.		42.0 (30.5)			
Dry		29.9		25.2	
Wet		24.8		22.0	
Gauge C		0		0	
Wind		12 N.NW		20 N.NW	
Clouds		7 Sm Cu		3 Sm Cu	

v dc

Observations at 10, 2, 4, as well as 7, by W. Winlock.

The recent rain & thaw spoiled the sleighing, which has lasted since the middle of December.

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MONDAY, FEBRUARY 10, 1873.

	7	10	2	4	9
Barom.		30.066		30.110	
Att. Th.		42.4		61.8	
3233 12530		7.0	12.7	12.9	
		6.7	12.1	12.8	
No. 4	3.8	6.4	12.1	12.3	9.4
Min.		3.3 (5.9)		87.7 (52.8)	
Solar					
Max.		30.8 (9.3)		13.5	
Dry		7.9		9.8	
Wet		under Fastening			
Gauge		0			
Wind		20° NW		20° NW	
Clouds		0		0	

rd n > 4

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TUESDAY, FEBRUARY 11, 1873.

	7	10	2	4	9
Barom.		29.904		29.772	
Att. Th.		52.9		66.0	
9 35		21.0	25.0	28.0	
12 30		20.6	24.2	27.3	
No. 4	15.0	21.0	25.0	27.8	23.0
Min.		6.0 (20.3)			
Solar				52.8 (32.3)	
Max.		21.0 (21.0)			
Dry		22.0			
Wet		19.6		28.8	
Gauge		0		25.8	
Wind		1e S		0 e S	
Clouds		10 R.		10 R Pm	
		morning		7m	

A little snow in the morning

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WEDNESDAY, FEBRUARY 12, 1873.

	7	10	2	4	9
Barom.		29.941		29.941	
Att. Th.		56.0		68.0	
3235		28.2	32.9	30.3	
2530		27.6	32.5	29.7	
Nor.	26.5	27.8	32.5	30.0	23.0
Min.		20.0 (27.2)			
Solar				99.2 (37.3)	
Max.		28.3 (28.1)			
Dry		29.0		30.9	
Wet		25.1		27.8	
Gauge		0			
Wind		7c W		7c NE	
Clouds		2 Pm 7m		10 Pm 7m Pr	

Rel yc N yc U

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THURSDAY. FEBRUARY 13. 1873.

	7	10	2	4	9
Barom.		30.072		30.152	
Att. Th.		58.7		64.7	
3235 / 12530		12.2 / 12.0	18.3 / 17.8	18.9 / 18.4	
No. 4	11.3	12.0	17.9	18.4	15.1
Mer.		10.1 (11.5)			
Solar				95.8 (37.9)	
Max.		33.0 (14.2)			
Dry		13.0		19.7	
Wet		10.8		13.2	
Gauge		0			
Wind		14e N		6e NE	
Clouds		9 Pr		5 Pr Rs	

yd A few snowflakes early in the day

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FRIDAY, FEBRUARY 14, 1873.

	7	10	2	4	9
Barom.		30.440		30.449	
Att. Thr		61.0		66.3	
3235		14.0	22.2	23.0	
12530		13.5	21.8	22.2	
Nor 4	8.0	13.5	22.1	22.1	15.3
Mign.		7.0 (13.1)			
Solar				102.4 (39.1)	
Max.		19.0 (14.9)			
Dry		15.0		23.1	
Wet		11.0		19.0	
Gauge C		0		5c E	
Wind		8c N			
Clouds		2 R R1		10 R2	

d Sy Thawing in the sun about noon

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SATURDAY. FEBRUARY 15. 1873.

	7	10	2	4	9
Barom.		30.482		30.489	
Att. Th.		49.8		59.0	
8230		19.8	28.7	29.6	
12530		19.0	28.0	28.9	
No. 4	10.7	19.0	28.1	28.8	22.0
Min.		10.4 (18.6)			
Solar				100.0 (69.1)	
Max.		23.1 (20.3)			
Dry		20.6		29.9	
Wet		17.8		23.8	
Gauge C		0			
Wind		3e N		3e NW	
Clouds		0 haze		0 haze	

At 9½ A.M. before watering
Dry 18.4 Wet 16.8

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SUNDAY, FEBRUARY 16, 1873.

	7	10	2	4	9
Barom.		30.302		30.076	
Att. Th.		52.1		52.9	
52.35		29.1		32.0	
120.30		28.1		31.4	
No. 4	20.2	28.9	32.0	31.3	32.4
Min.		18.5 (28.4)			
Solar				(7.0 37.2)	
Max.		28.9 (28.8)			
Dry		30.0		32.7	
Wet		32.0		32.0	
Gauge C		0			
Wind		8 S.S.E		1 S.E	
Clouds		10 Pr Pcu		Pr 10	

Observations at 10, 2, & 4, as well as 9, by W. Winlock

Commenced to snow at 11.5 AM

Snowing hard at 4 PM

Snow about 2 inches deep at 4 PM

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MONDAY, FEBRUARY 17, 1873.

	7	10	2	4	9
Barom.		29.772		29.967	
Att. Th.		56.1		58.5	
32 35 / 12 5 30		32.0 / 31.2	36.2 / 35.1	38.0 / 37.6	
No. 4	29.3	31.4	34.4	37.9	32.8
Min.		28.2 (31.1)			
Solar				102.1 (83.0)	
Max.		33.2 (31.4)			
Dry		33.6		39.7	
Wet		31.4		34.2	
Gauge C		*useless			
Wind		16c NE		8c N	
Clouds		10 R		0	

*10 measures of depth of snow at 10 A.M.

10	22½ inches
7	in cylinder
8½	17/8 inches
9	in diameter
1 2	weigh 8 ounces
9	Hence
7½	rainfall
8	1.953 inches
8	
8½	

Mean 8.75 inches

Some snow about thermometers at 10 A.M.

Gauge C cleared out

Cleared off about 1 P.M., Thawing

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TUESDAY. FEBRUARY 18. 1873.

	7	10	2	4	9
Barom.		30.427		30.360	
Att. Th.		60.2		60.6	
32 35		26.4	32.0	31.5	
12 5 3 0		25.5	31.3	30.7	
No. 4	20.0	25.8	31.6	30.9	27.9
Min.		18.8 (25.4)			
Solar				104.3 (69.9)	
Max.		38.0 (26.5)			
Dry		27.2		32.0	
Wet		23.6		27.7	
Gauge		0			
Wind		1c N		5c E	
Clouds		0		3 P2 R Rs	

rw

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WEDNESDAY, FEBRUARY 19, 1873.

	7	10	2	4	9
Barom.		30.060		29.882	
Att. Th.		57.9		67.9	
3235		38.4	41.1	40.6	
13530		37.5	40.1	39.7	
No. 4	31.5	38.1	40.8	40.6	39.5
Min.		25.3 (37.2)			
Solar				85.2 (45.3)	
Max.		38.0 (37.8)			
Dry		39.0		41.0	
Wet		36.0		39.3	
Gauge		0		5½	
Wind		6e S		3e S	
Clouds		10 Pm Pr		10 Pm	
				Some rain	

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THURSDAY, FEBRUARY 20, 1873.

	7	10	2	4	9
Barom.		30.050		30.049	
Att. Th.		57.9		70.4	
32 35 125 30		30.3 29.7	31.5 30.7	31.2 30.5	
No. 4	27.2	29.9	31.0	30.8	21.3
Mizi.		26.7 (29.3)			
Solar				103.0 (77.1)	
Max.		41.3 (30.8)			
Dry		31.0		31.8	
Wet		24.8		25.5	
Gauge C		*0			
Wind		8e NW		12e NW	
Clouds		0		0	

*5½ 4 P.M. 19th

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FRIDAY, FEBRUARY 21, 1873.

	7	10	2	4	9
Barom.		29.718		29.289	11
Att. Th.		51.6		61.5	
3235		20.0	30.3	30.2	
12530		19.0	29.8	29.7	
No. 4	13.5	19.6	29.9	29.6	22.8.
Min.		12.0 (18.9)			
Solar				77.7 (32.0)	
Max.		31.0 (20.7)			
Dry		21.0		30.8	
Wet		18.5		29.4	
Gauge		0			
Wind		4° NE		18° E	
Clouds		10 Pc a few snowflakes		10 Pc snowing hard	

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SATURDAY, FEBRUARY 22, 1873.

	7	10	2	4	9
Barom.	7	29.406		29.480	
Att. Th.		48.8		58.1	
32312		18.7	22.0	20.0	
12530		†16.9	†20.3	19.6	
No 4	14.5	17.8	21.4	19.4	18.3
Min.		14.2 (17.4)			
Solar				10.9 (6.7)	
Max.		30.1 (19.6)			
Dry		19.5		20.8	
Wet		16.0		17.0	
Gauge C		×inches			
Wind		10c NW 1		12c W	
Clouds		0		1 PtRs	

× Snow measured about 11 A.M.
New snow about 6½ inches deep
17 inches in cylinder 1¾ inches in diameter weigh
5 1/4 ounces
Hence rainfall 1.260 inches
Gauge C cleared out.

† Snow about bulb of 12530

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SUNDAY, FEBRUARY 23, 1873.

	7	10	2	4	9
Barom.		29.502		29.450	
Att Th.		41.0		55.5	
8 2 20		18.8		12.0	
12 5 30		18.3		11.8	
No. 4	9½	13.1	15.0	11.6	3.5
Min.		8.5 (12.8)			
Solar				(10.0) (66.9)	
Max.		23.0 (14.8			
Dry		14.6		12.0	
Wet		11.0		9.5	
Gauge C		0		0	
Wind		20 WNW		12 WSW	
Clouds		0		1 Pnw	

Very little snow in Gauge C at 10 A.M. also at 4 Pnw ; drifted in

Observations at 10, 2, 4, as well as 9, by W. Winlock

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MONDAY, FEBRUARY 24, 1873.

	7	10	2	4	9
Barom.		29.564		29.534	
Att. Th.		50.6		63.4	
32 35 / 125 30		2.9 / 2.8	9.9 9.9	11.8	11.2
No. 4	-5.5	2.5	9.6	11.1	8.9
Min.		-5.5 (1.7)			
Solar Max.				97.8 (65.4)	
		16.9 (5.8)			
Dry		below graduation		12.3	
Wet				9.5	
Gauge					
Wind		8e W		9e NW	
Clouds		9 R		0 Rs	

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TUESDAY, FEBRUARY 25, 1873.

	7	10	2	4	9
Barom.		29.650		29.673	
Att. Th.		49.5		63.2	
5235		23.0	32.8	32.0	
12530		22.4	31.9	31.5	
No. 4	15.2	22.5	32.2	31.6	25.1
Min.		1.8 (22.2)			
Solar				11.4 (4.8)	
Max.		22.8 (22.9)			
Dry		23.9			
Wet		19.8		32.6	
Gauge C		0		26.8	
Wind		5c W		9c W	
Clouds		1 Pr		1 Pr Rs	

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WEDNESDAY, FEBRUARY 26, 1873.

	7	10	2	4	9
Barom.		29.902		29.987	
Att. Th.		31.7		31.8	
3235		30.2	33.5	33.7	
12530		29.7	32.8	33.0	
No. 4	25.0	29.8	33.0	33.1	25.0
Min.		22.4 (29.3)			
Solar				110.7 (83.0)	
Max.		32.1 (29.9)			
Dry		30.9		34.0	
Wet		25.9		27.7	
Gauge C		0			
Wind		13° N		6 NW	
Clouds		0		0 fm	

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THURSDAY, FEBRUARY 27, 1873.

	7	10	2	4	9
Barom.		29.910		29.760	
Att. Th.		59.4		68.5	
3235		26.2	33.9	33.1	
12530		25.7	32.6	32.6	
No. 4	15.7	26.9	33.6	32.8	30.0
Min.		13.1 (25.2)			
Solar				91.8 (40.4)	
Max.		33.1 (27.0)			
Dry		27.1		33.7	
Wet		23.8		29.4	
Gauge		0			
Wind		3c NW		3c NE	
Clouds		10 R Rn		10 Rn	

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FRIDAY, FEBRUARY 28, 1873.

	7	10	2	4	9
Barom.		29.846		29.922	
Att. Th.		58.9		65.8	
3235 12530		32.8	36.7	36.5	
		32.0	36.1	35.8	
No. 4	29.2	32.5	36.7	36.1	33.5
Min.		25.1 (31.9)			
Solar				101.7 (41.3)	
Max.		35.2 (32.8)			
Dry		33.6		37.0	
Wet		29.2		31.8	
Gauge		* useless			
Wind		15 N		4 NE	
Clouds		10 Pm Pr		10 Pm Pr	

X Snow previous night & this morning
At 10 A.M. about 1¾ inches of new snow
17½ inches in cylinder 12/8 inches in diameter
weigh 3¾ ounces. Hence rainfall 0.235 inches

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SATURDAY, MARCH 1, 1873.

	7	10	2	4	9
Barom.		30.092		30.100	
Att. Th.		54.3		68.9	
3235 / 125-30		35.2 / 34.7	38.8 / 38.1	38.1 / 37.6	
No. 4	31.0	35.0	38.8	38.0	33.6
Min.		28.6 (34.3)			
Solar				94.2 (61.2)	
Max.		37.2 (34.9)			
Dry		36.0		38.8	
Wet		30.4		32.2	
Gauge C		0			
Wind		6e N		7e NW	
Clouds		10 R Pm		10 R Pm	

Fine aurora said to have been seen near midnight this evening in Concord, Mass.

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SUNDAY. MARCH 2. 1873.

	7	10	2	4	9
Barom.		30.05		29.988	
Att. Th.		56.1		70.5	
8 2.35		28.3		36.9	
12 8.30		27.4		36.4	
No. 4	14.8	27.8	37.5	36.5	31.0
Mag.		18.0 (27.8)			
Polar				10 9.1 (52.0)	
Max.		28.8 (30.0)			
Dry		29.0		37.0	
Wet		24.9		30.7	
Gauge C		0		0	
Wind		4 W		S W	
Clouds		4 Rm Rs		9 Rm Fm	

Observations at 10, 2, 4, & 9 as well as 9, by H. Winlock

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MONDAY, MARCH 3, 1873.

	7	10	2	4	9
Barom.		29.548		29.376	
Att. Th.		60.9		66.4	
3235		26.9	27.5	27.2	
12530		26.3	26.9	26.8	
No. 4	25.0	26.7	27.1	27.0	21.6
Min.		23.9 (25.9)			
Solar				51.9 (35.7)	
Max.		87.4 (27.6)			
Dry		27.6		28.0	
Wet		26.1		26.8	
Gauge C		5½			
Wind		9c N		14c N	
Clouds		10 Sc		10 Sc	
		snowing		snowing	

5½ Path. 12 in. 2½ oz

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C

TUESDAY, MARCH 4, 1873.

	7	10	2	4	9
Barom.		29.795		29.968	
Att. Th. 32.35 / 12.30		55.1 / 20.0 / 19.1	23.8 / 22.9	70.7 / 22.5 / 21.8	
No. 4	20.5	19.7	23.2	22.0	13.5
Mean.		18.5 (18.9)			
Solar				95.9 (64.3)	
Max.		27.6 (22.10)			
Day		21.0		23.0	
Wet		17.7		18.8	
Gauge C		+ useless			
Wind		18° NW		11° NW	
Clouds		10 R thin		2 R thin	

12½ 2¾

× New snow about 3½ inches deep, much drifted. 12½ inches in cylinder 1⅞ inches in diameter weigh 2¾ ounces. Hence rainfall 0.483 inches. If the amount collected by the rain gauge yesterday (0.055 inches) is deducted from this, there remains 0.428 inches.

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WEDNESDAY, MARCH 5, 1873.

	7	10	2	4	9
Baron.		30.474		30.509	
Att. Th.		51.6		65.8	
3235		18.1	7.1	27.6	
125 30		17.8	26.6	27.0	
No. 4	9.7	17.7	26.9	27.1	(8.2)
Min.		8.5 (17.2)			
Solar				105.7 (73.6)	
Max.		23.8 (19.0)			
Dry		19.0		28.0	
Wet		14.7		21.4	
Gauge C		0			
Wind		4e NW		5e SW	
Clouds		0		0	

At 9½ A.M. before wetting
Dry 16.0 Wet 15.0

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THURSDAY, MARCH 6, 1873.

	7	10	2	4	9
Barom.		30.637		30.580	
Att. Th.		57.5		72.4	
3235		20.9	34.4	34.3	
12530		20.0	33.7	33.8	
No. 4	7.5	20.0	33.8	33.7	22.3
Min.		5.8 (19.9)		10.9 (29.4)	
Solar					
Max.		27.4 (21.8)			
Dry		21.8		34.8	
Wet		17.4		26.9	
Gauge C		0			
Wind		4° SW		7° SW	
Clouds		0		0	

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FRIDAY, MARCH 7, 1873.

	7	10	2	4	9
Baron.		30.414		30.250	
Att. Th.		62.2		61.6	
3230		32.2	43,0	43.6	
12530		30.9	41.9	42.8	
No. 4	19.5	31.4	42.5	43.0	36.0
Min.		16.1 (31.1)			
Solar				110.2 (75.6)	
Max.		34.1 (31.9)			
Dry		33.0		44.0	
Wet		26.9		36.0	
Gauge C		0			
Wind		4e SW		8e S W	
Clouds		0 Pr Rs		3 Pr haze	

At 9⅓ A.M. before wetting
Dry 29.8 Wet 28.3

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SATURDAY, MARCH 8, 1873.

	7	10	2	4	9
Barom.		29.900		29.699	
Att. Th.		58.1		72.2	
3235		39.0	46.0	43.9	
12530		38.1	45.2	43.0	
No. 4	29.3	38.5	45.7	43.5	37.3
Min.		28.2 (38.0)			
Solar				108.4 (50.0)	
Max.		43.4 (38.5)			
Dry		40.0		44.0	
Wet		34.9		38.0	
Gauge C		0			
Wind		7 c S		7 c SW	
Clouds		2 haze		10 Pm	

At 9¼ A.M. before writing
Dry 36.7 Wet 35.3

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SUNDAY, MARCH 9, 1873.

	7	10	2	4	9
Barom.		29.632		29.728	
Att. Th.		61.2		65.1	
3 2 35		80.5		31.6	
12 5 30		35.6		31.0	
No. 4	38-0	36.0	31.6	31.0	26.0
Min.		34.0 (33.6)			
Polar				1041 (71.2)	
Max.		45.4 (37.1)			
Dry		37.0		32.0	
Wet		30.8		26.0	
Gauge		0		0	
Wind		16 WSW		13 WSW	
Clouds		4 Fine Rain		1 Ro	

Observations at 10, 2, & 4, as well as 9, by W. Winlock

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MONDAY, MARCH 10, 1873.

	7	10	2	4	9
Barom.		29.582		29.849	
Att. Th.		58.7		70.1	
3235		27.6 ×	28.9 ×	31.9	
12530		27.8 ×	27.8 ×	30.9	
No. 4	27.3	27.9 ×	28.9 ×	31.4	26.0
Min.		24.1 (25.8) ×			
Solar				112.0 (71.0)	
Max.		38.0 (26.5) ×			
Dry		27.0 ×		32.5	
Wet		26.0		28.8	
Gauge C		×× noclass			
Wind		17 e NE		10 e NW	
Clouds		10 R snowing		3 R 7m	

× Much snow about all the thermometers

×× New snow at 10 A.M. about 3 inches deep. 12 inches in cylinder $1\frac{7}{8}$ inches in diameter weigh $2\frac{3}{4}$ ounces. Hence rainfall 0.431 inches

Gauge C $1\frac{1}{2}$ ounces. Hence 0.132 inches.

Result by weight & measurement much more trustworthy than by Gauge C.

At 5 P.M. new snow still 3 inches deep but heavier, 12 inches in cylinder $1\frac{7}{8}$ inches in diameter weigh $3\frac{1}{4}$ ounces, hence rainfall 0.510 inches. Since 10 A.M. 0.079 inches.

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TUESDAY, MARCH 11, 1873.

	7	10	2	4	9
Barom.		29.979		29.642	
Att. Th.		58.2		64.4	
3235		35.3	39.6	41.0	
12530		34.4	38.9	40.2	
No. 4	16.5	34.9	39.1	40.6	33.1
Min.		14.4 (34.5)			
Solar				103.2 (42.8)	
Max.		34.8 (34.9)			
Dry		36.4		41,3	
Wet		29.7		40.0	
Gauge C		*0		32	
Wind		8 SE		14 S	
Clouds		4 Pr Rs		10 Pm raining	

At 9½ A.M. before wetting
Dry 32.5 Wt 31.0

*By measurement yesterday 0.079 inches since 10 A.M. March 10.

Rain began about 1½ P.M.

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WEDNESDAY, MARCH 12, 1873.

	7	10	2	4	9
Barom.	1	29.861		29.883	
Att. Th.		65.5		73.2	
3235		38.4	40,5	39.9	
1.2530		37.4	39.8	39.0	
No. 4	32.5	37.8	40.0	39.1	30.6
Min.		32.2 (37.3)			
Solar				111.9 (83.4)	
Max.		41.7 (38.0)			
Dry		39.1		40.2	
Wet		34.0		32.2	
Gauge C		*4			
Wind		4e SW		4e W	
Clouds		0 Pr Ro		3 Pm M Fm	

*32 at 4 P.M. March 11
4 " 10 A.M. " 12
36 in all

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THURSDAY, MARCH 13, 1873.

	7	10	2	4	9
Barom.		30.092		30.104	
Att. Th.		60.0		70.4	
3235		32.6	36.8	36.0	
12530		31.8	36.4	35.4	
No. 4	23.0	31.9	36.6	35.8	28.9
Min.		21.8 (31.6)			
Solar				117.0 (71.3)	
Max.		40.3 (32.6)			
Dry		33.2		36.5	
Wet		28.0		29.6	
Gauge C		0			
Wind		6.e NW		5.e NW	
Clouds		3 Pn Rs Rm		4 Pn Fm	

At 9½ A.M. before wetting
Dry 30.7 Wet 29.4

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FRIDAY, MARCH 14, 1873.

	7	10	2	4	9
Barom.		30.182		30.208	
Att. Th.		60.7		69.1	
3235		37.9	39.5	40.8	
12530		37.0	38.7	39.9	
No. 4	29.8	37.3	38.8	40.1	33.5
Min.		26.8 (36.7)			
Solar				113.9 (82.9)	
Max.		37.2 (37.2)			
Dry		38.4		41.0	
Wet		31.7		32.1	
Gauge C		0			
Wind		7e W		6e NW	
Cloud		0 M Fm		0	

At 9½ A.M. before wetting
Dry 37.8 Wet 36.4

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SATURDAY, MARCH 15, 1873.

	7	10	2	4	9
Barom.		30.309		30.149	
Att. Th.		56.9		64.2	
3235		38.9	37.3	36.8	
12530		38.0	36.8	35.9	
No. 4		38.9	37.0	36.1	35.3
Min.		27.9 (37.7)			
Solar				82.0 (37.9)	
Max.		40.1 (38.5)			
Dry		39.7		37.1	
Wet		33.0		32.6	
Gauge C		0			
Wind		8 c SW		3 c SE	
Clouds		10 R2		10 R2	

At 9½ A.M. before wetting
Dry 37.9 Wet 36.8

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SUNDAY, MARCH 16, 1873.

	7	10	2	✻5	9
Barom.		29.506		29.612	
Att. Th.		~~24.0~~ supposed to be 64.0		65.9	
3235		43.0		34.4	
12530		42.0		33.9	
No. 4	37.5	42.7	40.6	34.0	31.7
Min.		33.4 (42.0)			
Solar				118.6 (41.0)	
Max.		42.1 (42.6)			
Dry		43.9		35.0	
Wet		39.5		28.5	
Gauge C		1.4 ($1\frac{4}{10}$)		0	
Wind		2 SW		13 WNW	
Clouds		9 No Pm R		6 No Fm	

Observations at 10, 2, ✻5, as well as 9, by W. Winlock.

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MONDAY, MARCH 17, 1873.

	7	10	2	4	9
Barom.		29.886		29.950	
Att. Th.		60.8		62.3	
3235		31.0	33.8	34.6	
12530		30.2	33.0	33.9	
No. 4	27.6	30.4	33.2	34.1	30.0
Min.		27.0 (30.0)			
Solar				108.0 (74.6)	
Max.		46.0 (31.7)			
Dry		31.6		35.0	
Wet		25.5		27.2	
Gauge C		0			
Wind		18° W		18° NW	
Clouds		6 Fm		1 M Fm	

At 9 5/12 A.M. before wetting
Dry 31.0 Wet 29.9
Wind very strong, probably having more effect on the uncovered bulb than on that protected by the rag, as the heat radiated from the building and absorbed by the latter bulb may be retained by the air inside the rag.

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TUESDAY, MARCH 18, 1873.

	7	10	2	4	9
Barom.		30.108		29.961	
Att. Th.		51.4		61.1	
3235		34.0	41.8	40.0	
12530		33.0	40.9	39.4	
No. 4	25.4	33.3	41.9	39.5	35.0
Min.		22.5 (32.9)			
Solar				14.0 (43.7)	
Max.		34.1 (33.9)			
Dry		34.4		40.0	
Wet		26.8		31.8	
Gauge C		0			
Wind		5° W		4° SW	
Clouds		3 Pt Rs		10 Pm	

At 9½ A.M. before wetting
Dry 32.8 Wet 31.4
Little wind

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WEDNESDAY, MARCH 19, 1873.

	7	10	2	4	9
Barom.		29.726		29.876	
Att. Th.		58.2		67.8	
3235		42.1	44.0	43.0	
12530		41.6	43.6	42.2	
No. 4	37.5	42.1	44.0	42.8	36.0
Min.		33.0 (41.0)			
Solar				120.9 (59.4)	
Max.		41.8 (41.6)			
Dry		43.0		43.5	
Wet		37.1		35.7	
Gauge C		7			
Wind		9e W		7e NW	
Clouds		10 R 7m		9 R Rn 7m M	

At 9¼ A.M. before watering
Dry 42.3 Wet 41.0 No. 4 41.2

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THURSDAY, MARCH 20, 1873.

	7	10	2	4	9
Barom.		29.996		29.836	
Att. Th.		56.2		63.8	
32 35		35.7	33.9	32.4	
12 5 30		34.9	33.0	31.7	
No. 4	34.0	35.0	33.1	31.9	32.3
Min.		28.7 (34.6)		58.7 (38.2)	
Solar					
Max.		44.1 (35.6)			
Dry		36.1		33.0	
Wet		33.8		*32.0	
Gauge C		0		17	
Wind		8e E		7e E	
Clouds		10R 7m		10R snowing	

At 9 ¼ A.M. before wetting
Dry 36.6 Wet 35.2

*Wet bulb covered with snowflakes caught on the wet rag. Its temperature must be actually at the freezing point, as the rag is apparently almost frozen.

Snow began about 11½ A.M, and continued through the day. Snow & rain (in Boston) in the evening.

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FRIDAY, MARCH 21, 1873.

	7	10	2	4	9
Barom.	/	29.286		29.346	/
Att. Th.		59.2		63.6	
3235		37.6	36.8	35.8	
.12530		37.2	36.1	35.0	
No. 4		37.9	36.7	35.4	31.5
Min.		31.3 (37.0)			
Solar				117.9 (50.0)	
Max.		37.6 (37.6)			
Dry		39.0		36.4	
Wet		35.4		29.9	
Gauge C		×58			
Wind		6 c SW		11 c SW	
Clouds		8 Pm Fm		7 Pm M Fm	

×17 at 4 P.M. March 20
58 " 10 A.M. " 21
75 in all

New snow and old melted together too much to be well distinguished: but apparently new snow about 3¼ inches deep. 19½ inches in aggregate 1⅛ inches in diameter weigh 7¼ grains. Hence rainfall 0.758 inches. The agreement of this result and that from gauge C is accidental, no doubt, and neither is very certain. 0.754 inches may be taken as the rainfall.

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SATURDAY, MARCH 22, 1873.

	7	10	2	4	9
Barom.		29.481		29.586	
Att. Th.		50.8		60.4	
3235		35.0	38.0	37.0	
12530		34.1	37.2	36.3	
No. 4	28.3	34.5	37.8	36.6	31.5
Min.		26.8 (34.0)			
Solar				113.9 (44.6)	
Max.		39.8 (34.8)			
Dry		35.8		37.5	
Wet		30.2		30.7	
Gauge C		0			
Wind		7e SW		9e NW	
Clouds		1 R M 7m		10 R Pm M 7m	

At 9 1/3 A.M. before setting
Dry 34.7 Wet 33.3

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SUNDAY, MARCH 23, 1873.

	7	10	2.40	4	9
Barom.		29.820		29.666	
Att. Th.		49.4		57.9	
32 35		37.0		46	
12 30		36.0		40.0	
No. 4	28.5	36.6	39.6	40.4	37.1
Min.		34.2 (36.0			
Solar				10.0 (36.0)	
Max.		37.7 (37.5)			
Dry		37.9		41.0	
Wet		31.8		34.6	
Gauge		0			
Wind		13 SW		SW	
Clouds		9 Pr Rs		9 Sm Rs	

Observations at 10, 2 2/3, & 4, as well as 9, by W. Winlock

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MONDAY, MARCH 24, 1873.

	7	10	2	4	9
Barom.		30.048		30.083	
Att. Th.		57.0		61.4	
3255		23.7	24.6	25.0	
12530		22.9	24.0	24.5	
No. 4	23.0	23.2	24.2	24.6	22.0
Mer.		21.6 (22.4)			
Solar				107.8 (56.9)	
Max.		40.4 (24.6)			
Dry		24.3		25.6	
Wet		19.3		19.4	
Gauge C		0			
Wind		14° NW		6° NW	
Clouds		9 R R thin		7 R R	

At 9 1/12 A.M. before wetting
Dry 24.2 Wet 23.0

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TUESDAY, MARCH 25, 1873.

	7	10	2	4	9
Barom.		30.160		30.101	
Att. Th.		54.7		60.8	
3235		27.3	26,8	27.3	
12530		26.8	26,0	26.7	
No. 4	19.0	27.0	26.4	26.9	23.0
Min.		16.4 (26.4)			
Solar				56.8 (35.5)	
Max.		26.9 (27.2)			
Dry		28.0		28.0	
Wet		24.7			
Gauge C		0			
Wind		6c NE		9c NE	
Clouds		10 Pt Sm		10 Sn	
		snowing			

At 9½ A.M. before wetting
Dry 27.0 Wet 25.8

A little snow beginning at 9 A.M. Not enough to whiten the ground or roofs before 10 A.M.

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WEDNESDAY, MARCH 26, 1873.

	7	10	2	4	9
Barom.		29.770		29.357	
Att. Th.		55.0		60.5	
32 35		31.2	32.8	33.0	
12 6 32		30.4	32.0	32.4	
No. 4	23.2	30.7	32.3	32.6	31.9
Min.		21.8 (30.2)		45.9 (39.0)	
Solar					
Max.		30.6 (30.8)			
Dry		32.0		33.7	
Wet		30.4		32.2	
Gauge C		5		7	
Wind		6e NE		6e NE	
Clouds		10 Pn		10 Pm	
		a little snow or sleet		time rain	

At 9 1/3 A.M. before wetting
Dry 31.1 Wet 29.7 No. 4 29.9

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THURSDAY, MARCH 27, 1873.

	7	10	2	4	9
Barom.		29.674		29.(940	
Att. Th.		53.2		5.7	
3235		22.4	30.0	32.2	
12530		21.7	29.2	31.7	
No. 4	20.2	21.8	29.4	31.7	33.5
Min.		19.5 (21.2)			
Solar				100.7 (80.0)	
Max.		32.8 (24.0)			
Dry		23,2		32,8	
Wet		19,2		25.8	
Gauge C		*26			
Wind		28° NW		20° NW	
Clouds		2 Pi Fm		2 Pi Ro	

At 9 5/12 A.M. before writing
Dry 22.8 Wet 21.2 No. 4 21.4 Wind strong; remark of Mezger's 1.7 not confirmed.
*4 4 P.M. 26th
26 10 A.M. 27th
33 in all

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FRIDAY, MARCH 28, 1873.

	7	10	2¼	4	9
Barom.		30.318		30,256	
Att. Th.		55.4		69.8	
3235		37.0	45.0	45.0	
12530		35.8	44.0	44.0	
No. 4	20.5	36.0	44.4	44.4	
Min.		18.4 (35.8)			
Solar				116.2 (91.3)	
Max.		35.6 (35.6)			
Dry		38.0		45.4	
Wet		30.8		36.9	
Gauge C		0			
Wind		6° S		5° S	
Clouds		0		0 R R	

At 9½ A.M. before writing
Day 34.2 Wet 32.7 No 4 32.3

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SATURDAY, MARCH 29, 1873.

	7	10	2	4	9
Barom.		29.829		29.408	
Att. Th.		61.8		67.1	
3235		48.1	51,2	43.0	
12530		46.9	50.5	42.4	
No. 4	39.0	47.8	51.0	42.2	43.0
Min.		32.1 (46.9)			
Solar				106.6 (46.2)	
Max.		47.3 (47.3)			
Dry		49.2		43.2	
Wet		44.9		41.5	
Gauge C		0			
Wind		5e S		9e E	
Clouds		10 Pm Fair		10 Pm raining	

At 9¼ before wetting
Dry 45.4 Wet 440. No.4 44.2

5½ 29.270 5¼ Gauge C 28

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SUNDAY, MARCH 30, 1873.

	7	10	2	4	9
Barom.		29.058		29.380	
Att. Th.		54.9		59.1	
32 30	~~39.0~~	39.0		39.0	
12 30	~~38.1~~	38.1		38.6	
No. 4	37.8	38.6	40.1	38.9	35.1
Min.		36.0 (38.0)			
Solar				113.0 (61.0)	
Max.		57.4 (40.1)			
Dry		39.9		39.8	
Wet		~~35.0~~		33.8	
Gauge C		~~30.6~~			
Wind		15 W raining		13 W.N.W	
Clouds		~~8~~ snowing		9 Rain Rain	

At 10 am raining and snowing at the same time.

Observations at 10, 2, & 4, as well as 9, always by W. Winlock on Sundays unless otherwise stated.

× At 5½ P.M. March 29 Gauge C 28
10 A.M. " 30 " 50 6/10
In all 78 6/10

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MONDAY, MARCH 31, 1873.

	7	10	2	4	9
Barom.		29,499		29,516	
Att. Th.		61.1		65.3	
3235		36,0	38,7	43,8	
12531		35.0	37.9	42.9	
No. 4		35.2	38.3	43.2	40.3
Min.		32.1 (34.9)			
Solar				107.0 (87.4)	
Max.		40.5 (36.1)			
Dry		36.5		44.4	
Wet		33.0		37.9	
Gauge C		0			
Wind		6e E		7e SW	
Clouds		10 R Ry a few snowflakes & raindrops		1 R M 7m	

At 9½ A.M. before wetting
Dry 37,5 Wet 36.1 No. 4 36,3

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TUESDAY, APRIL 1, 1873.

	7	10	2	4	9
Barom.		30.080		30.116	
Att. Th.		62.0		71.1	
3235		41.7	46.1	46.8	
12530		40.6	45.0	45.9	
No. 4	36.7	41.0	45.5	46.1	
Min.		34.2 (40.4)			
Solar				115.1 (92.8)	
Max.		44.1 (41.2)			
Dry		42.2		47.1	
Wet		35.8		39.4	
Gauge C		1 8/10			
Wind		8[c] NW		4[c] NW	
Clouds		1[0] Fm R		0 haze	

30.045
46.0

At 9½ A.M. before wetting
Dry 41.2 Wet 40.0 No. 4 46.1

Aurora seen in Boston 9¼ P.M.

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WEDNESDAY, APRIL 2, 1873.

	7	10	2	4	9
Barom.		29.867		29.780	
Att. Th.		59.2		64.0	
3235		37.5	38.9	37.4	
12530		36.6	38.0	36.8	
No. 4	36.3	36.8	38.5	37.0	35.0
Min.		35.3 (36.4)			
Solar				92.6 (142)	
Max.		46.1 (37.0)			
Dry		38.0		38.0	
Wet		36.4		36.5	
Gauge C		22½			
Wind		5e E		6e N	
Clouds		10 Pm raining		10 Pm mist	
		41.1 29808		41.5 29706	

At 9½ A.M. before wetting
Dry 38.1 Wet 37.0 No. 4 37.2

Emptied gauge A at 10 A.M.

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THURSDAY, APRIL 3, 1873.

	7	10	2	4	9
Barom.		29.884		29.884	
Att. Th.		63.2		66.8	
3235		46.0	47.8	47.2	
12530		45.2	47.0	46.6	
No. 4	37.4	45.4	47.5	47.0	41.1
Min.		34.0 (45.0)			
Polar				29.0 (62.0)	
Max.		45.4 (45.1)			
Dry		46.8		47.9	
Wet		39.8		39.2	
Gauge C		2 3/10			
Wind		5c S W		8c W	
Clouds		7 Pm M 7m		10 Pm	
		29.812 40.8		29829 47.1	

Gauge A at 10 A.M. 3 1/8 ounces 0.027 inches.

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FRIDAY, APRIL 4, 1873.

	7	10	2	4	9
Barom.		30.118		30.138	
Att. Th.		61.1		70.3	
3235		43,9	48,0	48,0	
12530		43,0	47.1	47.1	
No. 4	38.2	43.4	47.6	47.5	
Min.		34.0 (42.8)			
Solar				116.0 (90.4)	
Max.		47.4 (43.3)			
Dry		44,4		48.6	
Wet		36.8		38.6	
Gauge C		0			
Wind		6e NW		8e NW	
Clouds		9 R Rs		1 R Rm	
		41.0 30.0 5-8		47.8 30.6 7-8	

At 9¼ T. M before watching
Dry 43.8 Wet 42.4 No. 4 42.5

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SATURDAY, APRIL 5, 1873.

	7	10	2	4	9
Barom.		30.292		30.229	
Att. Th.		56.9		64.2	
3235		36.8	38.7	40.1	
12530		36.2	38.0	39.7	
No. 4	35.0	36.5	38.8	40.3	37.7
Min.		32.0 (35.9)			
Solar				91.3 (57.8)	
Max.		48.2 (37.0)			
Dry		37.2		40.8	
Wet		33.1		36.2	
Gauge		0			
Wind		1 E N		0 calm	
Clouds		10 R. snowing		10 R Pm	
				30.164	
		40.7		42.6	
		30.250			

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SUNDAY, APRIL 6, 1873.

	7	10	2	4	9
Barom.		30.180		30.120	
Att. Th.		53.0		59.6	
3235		46.2		41.8	
12630		39.8		40.7	
No. 4	38.0	39.9	40.3	41.0	36.4
Min.		34.1 (34.8)			
Solar				36.9 (46.0)	
Max.		40.0 (40.1)			
Dry		40.9		42.0	
Wet		36.1		37.8	
Gauge C		5 3/4			
Wind		2 SE.		1 S2	
Clouds		10 Pm Snw		10 Pm Snw	

Raining a little at 4 Pm

Observations on Sundays at 10, 2, & 4. as well as 9, by W. Winlock unless otherwise stated

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MONDAY, APRIL 7, 1873.

	7.	10	2	4	9.
Barom		30.044		30.018	
Att. Th.		50.6		65.2	
3 2 35		38.6	40.8	41.8	
12 5 30		37.6	39.8	40.9	
No. 4	36.5	37.9	40.3	41.2	38.4
Min.		35.4 (37.3)			
Solar				54.2 (48.0)	
Max.		42.3 (38.1)			
Dry		39.1		42.4	
Wet		37.5		39.8	
Gauge		8 2/10		[illegible]	
Wind		4 SE		0 SE	
Clouds		10 Pm		10 Pm	
		40.8		42.1	
		30.016		29.940	

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TUESDAY, APRIL 8, 1873.

	7	10	2	4	9
Barom.	/	29.807		29.758	/
Att. Th.		60.1		69.6	
3235		47.1	58.0	58.4	
12530		46.0	57.3	57.9	
No. 4	41.8	46.8	57.8	58.4	56.3
Min.		37.2 (46.0)			
Solar				117.8 (86.9)	
Max.		46.3 (46.1)			
Dry		48.0		59.4	
Wet		45.9		53.9	
Gauge C		1 8/10			
Wind		5 SW		0° S	
Clouds		10 Cum 7 Cum a little rain		6 Cum 7 Cum near	
		42.9		47.3	
		29.705		29.699	

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WEDNESDAY, APRIL 9, 1873.

	7	10	2	4	9
Barom.		30.199		30.174	
Att. Th.		63.8		66.6	
8235		41.3	40.0	38.3	
12530		40.5	39.2	37.7	
No. 4	40.5	40.7	39.3	37.7	36.8
Min.		40.4 (40.4)			
Solar				38.8 (45.0)	
Max.		58.1 (41.6)			
Dry		41.9		39.0	
Wet		36.2		35.7	
Gauge C		×			
Wind		13° NE		14° E	
Clouds		10 Pm		10 Pm	
		46.0		46.6	
		30.149		30.118	

At 9 1/12 A.M. before wetting
Dry 42.8 Wet 41.3 No. 4 41.5

×Gauge C interfered with since yesterday.
At 10 A.M. gauge A 20¼ ounces 0.175 inches. 0.158 inches from gauge C since gauge A was last examined. This gives 0.017 for the rainfall of the last 24 hours.

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THURSDAY, APRIL 10, 1873.

	7	10	2	4	9
Barom.		30.028		30.084	
Att. Th.		65.6		66.3	
3235		47.1	53.4	51.9	
12530		45.9	52.8	51.1	
No. 4	38.3	46.4	53.0	51.4	43.2
Min.		35.6 (46.1)			
Solar				119.4 (93.0)	
Max.		46.4 (46.2)			
Dry		48.0		52.4	
Wet		42.8		41.1	
Gauge C		[x]9			
Wind		9 c NW		12 c NW	
Clouds		5 Ra R 7m		1 Ra 7m	
		42.4		48.7	
		29.962		30.036	

[x] Gauge A 10 A.M. $7\frac{3}{4}$ ounces 0.067 inches. This result preferred to that by gauge C which looked as if it had been meddled with again.

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FRIDAY, APRIL 11, 1873.

	7	10	2	4	9
Barom.		30.261		30.181	
Att. Th.		56.9		70.3	
3235		54.2	58.0	57.6	
12530		53.6	57.0	57.1	
No. 4	36.4	54.0	58.0	57.5	43.1
Min.		33.3 (53.2)			
Solar				126.1 (89.7)	
Max.		53.7 (53.1)			
Dry		55.0		57.9	
Wet		44.6		46.0	
Gauge		0			
Wind		7c SW		7c S	
Clouds		1 R Rs Rm		8 Rs R	
		42.9		50.0	
		30.217		30.120	

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SATURDAY, APRIL 12, 1873.

	7	10	2	4	9
Barom.		29.918		29.732	
Att. Th.		59.7		58.5	
3235		41.9	36.3	33.3	
12530		41.0	36.0	32.8	
No. 4	40.0	41.4	36.1	32.7	33.4
Min.		35.0 (40.8)			
Solar				89.4 (34.2)	
Max.		59.5 (41.7)			
Dry		42.4		34.0	
Wet		35.9		32.5	
Gauge C		0			
Wind		16° NE		16° NE	
Clouds		10 Pm		10 R snowing	
		29.686		29.688	

At 9½ A.M. before wetting
Dry 42.0 Wet 40.7 No.4 48.9

Gauge C at 5¼ P.M. 52

Snow at 5¼ P.M. 3½ inches. 19 inches in cylinder 1⅞ inches in diameter weigh 6⅛ ounces. Hence rainfall due to snow 0.708 inches. Amount of rain previous to snow not very large: perhaps 0.100 should be allowed for it; certainly not more. Calling this amount 0.050 inches, the rainfall is 0.758 inches.

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SUNDAY, APRIL 13, 1873.

	7	10	2	4	9
Barom.		29.610		29.678	
Att. Th.		46.2		61.4	
3235		35.6		34.9	
12530		36.0		34.0	
No. 4	37.3	36.3	35.0	34.3	34.6
Min.		32.4 (34.8)			
Solar				68.0 (40.4	
Max.		41.8 (36.7)			
Dry		36.2		35.1	
Wet		34.7		33.8	
Gauge C		×× 58.5			
Wind		N 6		7 NNE	
Clouds		×		Snowing and raining	

× At 10 A.M. something between raining and snowing

×× At 5¼ P.M. April 12 0.758 inches
" 10 A.M. " 13 0.585 "
In all 1.343 "

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MONDAY, APRIL 14, 1873.

	7	10	2 1/6	4	9
Barom.		29.572		29.602	
Att. Th.		50.2		67.4	
3235		39.9	42.1	39.9	
12530		38.9	41.1	39.2	
No. 4	35.0	39.2	41.5	39.6	39.0
Min.		32.7 (38.8)			
Solar				97.2 (49.5)	
Max.		38.9 (39.0)			
Dry		40.4		40.4	
Wet		35.6		36.4	
Gauge C		43			
Wind		10c NW		10c NW	
Clouds		10 Bn		10 Bn 2mm rain	

Gauge A at 10 A.M. 19½ ounces 1.65 inches.
There must have been much loss of snow in the strong wind of April 12.

A little rain after about 11 A.M.

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TUESDAY, APRIL 15, 1873.

	7	10	2	4	9
Barom.		29.822		29.978	
Att. Th.		65.8		65.9	
32.35		42.8	44.1	45.2	
12.5.30		41.8	43.3	44.4	
No. 4	40.2	42.2	43.9	44.8	41.1
Min.		37.6 (41.8)		118.5 (66.9)	
Solar		42.4 (42.4)			
Max.		43.5		45.8	
Dry		37.8		39.7	
Wet					
Gauge C		1 6/10			
Wind		10 N		6 NE	
Clouds		9 Rm M 7m		9 Rm M 7m	

At 9½ A. M. before wetting
Dry 42.6 Wet 41.2 No. 4 41.4

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WEDNESDAY, APRIL 16, 1873.

	7	10	2	4	9
Barom.		30.236		30.234	
Att. Th.		60.4		67.4	
3235		45.6	46.4	45.0	
12530		44.8	45.0	44.1	
No. 4	40.8	45.1	45.7	44.4	37.2
Min.		36.4 (44.5)			
Solar				115.3 (89.9)	
Max.		46.1 (45.0)			
Dry		46.1		45.4	
Wet		36.8		35.9	
Gauge C		*			
Wind		11 e NE		5 e SE	
Clouds		4 Pi R		4 R Rs Fm	

At 9 1/2 P.M. before wetting
Dry 44.8 Wet 43.4 No. 4 43.8.

*Gauge C meddled with.
Gauge A 1 1/4 ounces 0.011 inches for 2 days past.
0.016 from Gauge C yesterday. Showers of yesterday
probably too slight to amount to anything of consequence.

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1873phae.proj .37

THURSDAY, APRIL 17, 1873.

	7	10	2	4	9
Barom.		30.150		30.024	
Att. Th.		61.9		61.3	
3235		44.3	43.6	42.7	
12530		43.1	42.1	41.2	
No. 4	35.3	43.9	42.8	41.2	38.4
Min.		32.3 (43.2)			
Solar				89.6 (67.8)	
Max.		47.1 (44.0)			
Dry		45.6		42.0	
Wet		37.5		35.8	
Gauge C		0			
Wind		5c E		6c E	
Clouds		10 Pm		9 Pm Fm	

At 9 1/2 A.M. before watering
Dry 41.4 Wet 40.0 No. 4 40.4

Very little sleet at about 3 P.M.

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FRIDAY, APRIL 18, 1873.

	7	10	2	4	9
Barom.		29.599		29.604	
Att. Th.		51.8		60.8	
3235		40.2	45,0	42,0	
12530		39.4	44.4	41.3	
No. 4	37.7	39.8	45.0	41.8	38.2
Min.		34.9 (39.2)			
Solar				32.3 (45.5)	
Max.		45.0 (40.0)			
Dry		40.9		42.7	
Wet		39.3		40.9	
Gauge C		53 2/10			
Wind		6e E		7e N	
Clouds		10 Pm		10 Pm	
		fine rain		a little mist	

At 9 1/6 A.M. before wetting
Dry 40.5 Wet 39.0 No. 4 39.2

Gauge A at 10 A.M. 60 1/2 ounces 0.523 inches

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SATURDAY, APRIL 19, 1873.

	7	10	2	4	9
Barom.		29.626		29.599	
Att. Th.		53.2		65.3	
3235		46.0	53,0	41.9	
12530		45.2	52.1	40.9	
No. 4	38.2	45.7	52.6	41.0	38.9
Min.		35.6 (45.0)			
Solar				123.0 (48.0)	
Max.		45.5 (45.4)			
Dry		46,8		42,0	
Wet		41.2		38.4	
Gauge C		0 2/10			
Wind		4c NW		5c E*	
Clouds		8 Pm M 7m		10 Pm 7m	

* Upper clouds move from the W.

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SUNDAY, APRIL 20, 1873.

	7	10	2	4	9
Barom.		29.768		29.762	
Att. Th.		69.0		72.1	
3235		50.5		55.5	
12530		49.7		55.0	
No. 4	40.5	49.8	50.0	55.4	41.7
Min.		36.4 (49.8)			
Solar				120.0 (82.9)	
Max.		53.0 (52.1)			
Dry		51.5		56.1	
Wet		43.1		44.1	
Gauge C				7*	
Wind		3 W		4 N.W	
Clouds		6 Mo. Fm		7 Mo. Fm	

* 7 is what it really measured but a great deal run out through the hole in measuring glass which would have been about .10 in altogether.

Gauge A April 21 gives 0.126 inches. Subtract 0.002 inches by gauge C April 19, & the result is 0.124 inches by gauge A for April 20 at 10 A.M., since it did not rain for the 24 hours following. This result preferred to the imperfect measurement by gauge C, above.

Aurora at 9 P.M. seen in Cambridge by A. Searle.

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MONDAY, APRIL 21, 1873.

	7	10	2	4	9
Barom.		29,758		29,710	
Att. Th.		65.3		67.3	
3235		44,4	41.7	43,6	
12530		43.3	40.7	42,4	
No. 4	38.8	44.0	41.2	42.9	37.5
Mizr.		35.1 (43,3)			
Solar				84.8 (63.7)	
Max.		55.4 (44.0)			
Dry		45.1		44,0	
Wet		39,0		38.2	
Gauge		0			
Wind.		4 NE		8 NE	
Clouds		10 Pm		10 Pc Pm Fm	

At 9 7/12 P.M. before writing
Dry 44.8 Wet 43.4 No. 4 43.8

At 10 A.M. gauge A 14 3/4 ounces 0.126 inches

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TUESDAY, APRIL 22, 1873.

	7	10	2	4	9
Barom.		29.882		29.801	
Att. Th.		57.6		64.1	
3235		45.5	51.0	49.8	
12530		44.9	50.6	48.9	
No. 4	37.3	45.1	51.1	49.4	41.0
Min.		32.0 (44.5)			
Solar				119.8 (65.0)	
Max.		45.1 (45.2)			
Dry		46.0		50,4	
Wet		35.0		39.4	
Gauge C		0			
Wind		4c NW		6c W	
Clouds		5 Pt Rs		10 Pt Rs	
		thin		thin	

At 9½ A.M. before wetting
Dry 43.8 Wet 42.6 No.4 42.5

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WEDNESDAY, APRIL 23, 1873.

	7	10	2	4	9
Barom.		29.810		29.784	
Att. Th.		63.9		70.8	
32 25		45.7	51.6	51.9	
125 30		44.5	50.7	51.0	
No. 4	38.8	44.9	51.1	51.5	43.0
Mean.		35.6 (44.5)		119.6 (90.6)	
Solar Max.		51.8 (45.3)			
Dry		46.2		52.4	
Wet		35.8		39.9	
Gauge C		0			
Wind		7 NW		8 N	
Clouds		3 R Rs		5 R Rs	

At 9 A.M. before wetting
Dry 42.8 Wet 41.6 No. 4 41.9
At 9 5/6 A.M. before wetting
Dry 45.9 Wet 44.5 No. 4 44.6

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THURSDAY, APRIL 24, 1873.

	7	10	2	4	9
Barom.		29.836		29.764	
Att. Th.		56.5		66.3	
3235		51.8	57.6	54.3	
12530		51.5	57.0	53.7	
No. 4	40.6	51.2	57.7	53.9	47.5
Min.		35.1 (50.7)			
Solar				125.2 (66.8)	
Max.		51.8 (51.8)			
Dry		52.4		54.9	
Wet		42.2		44.0	
Gauge C		0			
Wind		3e S		3e SE	
Clouds		1 M 7m		10 R Rn 7m	

At 9 A.M.
Dry 49.0 Wet 48.0 No.4 47.9
At 9 ¾ A.M. before wetting
Dry 51.7 Wet 50.6 No.4 49.8

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FRIDAY, APRIL 25, 1873.

	7	10	2	4	9
Barom.		29.668		29.624	
Att. Th.		~~58.0~~		64.7	
3235		49.6	51.1	49.8	
12530		48.0	50.8	49.4	
No. 4	39.0	48.6	51.4	49.8	43.0
Min.		34.3 (48.1)			
Polar Max.				118.6 (74.9)	
		57.7 (49.1)			
Dry		50.2		50.4	
Wet		40.8		39.0	
Gauge C		0			
Wind		5 e W		6 e W	
Clouds		8 M 7m		10 Pm M 7m	

At 9 1/6 A.M.
Dry 47.9 Wet 46.8 No. 4 46.5
At 9 2/3 A.M. before wetting
Dry 48.3 Wet 47.0 No. 4 47.0

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SATURDAY, APRIL 26, 1873.

	7	10	2	4	9
Barom.		29.531		29.587	
Att. Th.		55.3		61.0	
3235		46.0	50.1	50.0	
12530		45.3	49.2	49.4	
No. 4	38.8	45.8	49.4	49.8	42.0
Min.		35.4 (44.9)			
Solar				129.0 (70.5)	
Max.		52.3 (46.0)			
Dry		46.6		50.7	
Wet		38.8		40.9	
Gauge C		3 4/10			
Wind		7 c W		14° W	
Clouds		10 Rm M 7m		10 Rm M 7m	

At 9 5/12 A.M.
Dry 46.9 Wet 45.4 No.4 45.7
At 9 3/4 A.M. before wetting
Dry 47.8 Wet 46.5 No.4 46.4

At 10 A.M. gauge A 3 7/8 ommes 0.0324 inches

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SUNDAY, APRIL 27, 1873.

	7	10	2	4	9
Barom.		29.870		29.878	
Att. Th.		60.6		68.0	
3235		51.3		55.9	
12530		50.3		55.0	
No. 4	43.2	51.0	55.8	55.8	
Min.		38.0 (50.7)			
Solar Max.		51.8 (51.1)		127.1 (92.0)	
Dry		52.0		56.5	
Wet		42.1		44.0	
Gauge C		0			
Wind		S W		S W	
Clouds		S R. Fine		4 m. R	

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MONDAY, APRIL 28, 1873.

	7	10	2	4	9
Barom.		30.163		30.064	
Att. Th.		59.2		70.6	
3235		53.8	59.0	59.6	
12530		52.8	58.3	59.0	
No. 4	42.5	53.3	58.8	59.5	54.7
Min.		33.6 (52.5)			
Solar				124.8 (90.3)	
Max.		56.5 (53.0)			
Dry		54.4		60.0	
Wet		42.1		45.1	
Gauge C		0			
Wind		6c NW		8c W	
Clouds		1 M 7m		4 M 7m Rs	

At 9 A.M.
Dry 52.0 Wet 50.8 No. 4 50.4
At 9½ A.M. before wetting
Dry 54.6 Wet 53.1 No. 4 53.3

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TUESDAY, APRIL 29, 1873.

	7	10	2	4	9
Barom.		29.980		29.999	
Att. Th.		62.6		69.0	
3205		54,8	54,0	49.7	
12530		54.0	52.8	48.5	
No. 4	45.3	55.1	53.4	48.7	47.2
Min.		42.0 (54.0)			
Solar				128.0 (49.8)	
Mar.		60.5 (54.6)			
Dry		55,8		50.0	
Wet		47.5		45.1	
Gauge C					
Wind		3° NW		6° E	
Clouds		7 Pm 7m haze		10 Am 7m	

At 8 11/12 A.M.
Dry 51.2 Wet 50.0 No. 4 50.4
At 9 1/4 A.M.
Dry 53.1 Wet 52.0 No. 4 52.2
At 9 5/6 A.M. before wetting
Dry 56.9 Wet 55.3 No. 4 55.5

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WEDNESDAY, APRIL 30, 1873.

	7	10	2	4	9
Barom.		30.123		30,130	
Att. Th.		58.9		67.5	
3235		53.4	55,0	56,2	
12530		52.1	54,4	55.3	
No. 4	42.0	52.7	54.8	55.9	48.9
Mean.		38.6 (52.2)			
Solar				121.7 (96.4)	
Max.		58.9 (53.4)			
Dry		54,3		57.0	
Wet		47.5		44.1	
Gauge C		9 4/10			
Wind		4 N		6 SE	
Clouds		1 M fm		1 large M fm	

Gauge A at 10 A.M. 12 1/4 ounces 0.106 inches

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THURSDAY, MAY 1, 1873.

	7	10	2 1/6	4	9
Barom.		30,200		30,088	
Att. Th.		62.6		70.9	
3235		61.7	68.8	68.2	
12530		60.9	67.8	67.7	
No. 4	51.2	61.2	68.6	68.5	57.8
Min.		44.1 (60.9)			
Solar				130.9 (102.7)	
Max.		61.2 (61.2)		69.0	
Dry		62.5		51.9	
Wet		46.9			
Gauge C		0			
Wind		3 c N		5 c SW	
Clouds		0 haze		5 R M 7m	

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FRIDAY, MAY 2, 1873.

	7	10	2	4	9
Barom.		30.049		29.881	
Att. Th.		63.0		66.6	
3235		49.1	43.9	41.0	
12530		48.1	43.0	40.2	
No. 4	*	48.8	43.6	40.7	38.7
Min.		48.0 (48.0)			
Solar				106.0 (42.6)	
Max.		68.4 (49.0)			
Dry		49.8		41.6	
Wet		43.0		40.0	
Gauge C		0			
Wind		7e NE		10e NE	
Clouds		10 Pm		10 Pm raining	

At 8 5/6 A.M.
Dry 50.2 Wet 49.0 No.4 49.5
* No.4 was 53.6 at 7 A.M.: when the temperature is falling its round bulb brings it down slower than the others.
At 9 1/3 A.M.
Dry 49.9 Wet 48.7 No.4 49.3
At 9 11/12 A.M. before wetting
Dry 49.5 Wet 48.2 No.4 48.8

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SATURDAY, MAY 3, 1873.

	7	10	2	4	9
Barom.		29.638		29.644	
Att. Th.		61.4		58.7	
3235		38.2	37.4	35.0	
12530		37.8	36.9	33.9	
No. 4	×34.2	38.2	37.3	34.4	33.1
Min.		35.9 (37.4)			
Solar				50.0 (35.9)	
Max.		49.2 (38.8)			
Dry		39.1		35.6	
Wet		36.9		34.0	
Gauge C		110			
Wind		16c NE		15c NE	
Clouds		10 Pm		10 Pm; sleet	

Gauge A at 10 A.M. 125¼ ounces 1.084 inches.
" A " 4¼ P.M. 120½ " 0.117 "
" C " 4¼ P.M. 11 divisions 0.110 inches

Rain & sleet in the afternoon.

Snowing very hard at about 6 Pm

× Reading of No. 4 by A. Searle at 7 A.M. was 38.0, & from the minimum thermometer this is more likely than 34.2

38.0

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SUNDAY, MAY 4, 1873.

	7	10	2	4	9
Barom.		29.932		29.950	
Att. Th.		57.1		70.1	
3235		43.9		62.9	
12530		43.0		52.1	
No. 4	37.8	43.0	52.9	62.9	47.0
Min.		32.5 (43.0)			
Solar				120.9 (98.4)	
Max.		43.0 (43.0)			
Dry		44.4		53.8	
Wet		37.0		44.8	
Gauge C		68			
Wind		2 W		3 or E	
Clouds		Clear		1 R	

At 10 A.M. snow about 2 in deep melting very fast.

Quite Pleasant.

At 7 P.M. Gauge A 93 3/4 ounces 0.811 inches.

May 3

× Gauge C at 4 1/4 P.M., 0.110 inches

—.D— —.— 10 A.M. May 4 0.680 "

In all 0.790 "; measurement by gauge A (0.928 inches for same time) preferable because gauge C cannot measure snow; and gauge A probably gives too small a result.

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MONDAY, MAY 5, 1873.

	7½	10	2	4	9
Barom'y		29.981		30.039	
Att. Th.		65.9		71.0	
3235		59.0	65.7	62,0	
12530		57.7	64.9	61.0	
No. 4	×× 50.5	58.7	65.7	61.8	52.3
Min.		41.8 (58.2)			
Solar Max.		58.2 (57.9)		× missing	
Dry		60,0		62.9	
Wet		49.4		49.6	
Gauge C		0			
Wind		6 c SW		7 c N	
Clouds		9 Pm 7m		2 M 7m	

× Thermometer seems to have been stolen.

At 8 5/6 A.M.,
Dry 54.3 Wet 53.0 No.4 53.3
At 9 5/12 A.M.,
Dry 57.0 Wet 55.9 No.4 55.8
At 6 5/6 A.M. before wetting
Dry 59.0 Wet 57.8 No.4 57.8

×× Reading of No.4 by A. Searle at 7 A.M. 49.5

49.5 9½ 51.9

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TUESDAY, MAY 6, 1873.

	7	10	2	4	9
Barom.		30.381		30.331	
Att. Th.		61.1		71.2	
92.35		54.2	55.2	58.3	
120.39		53.0	54.7	57.8	
No. 4	*44.0	53.7	55.0	58.3	~~47.1~~ 47.3
Min.		38.7 (52.4)			
Solar					
Max.		66.6 (53.9)			
Dry		55.1		59.0	
Wet		41.9		46.4	
Gauge C		0			
Wind		6° NW		1° E	
Clouds		0		0 haze	

At 8 1/6 A.M.
Dry 49.9 Wet 48.4 No. 4 48.4
At 9 1/4 A.M.
Dry 53.0 Wet 51.8 No. 4 52.0
At 9 5/6 A.M. before wetting
Dry 54.4 Wet 53.0 No. 4 53.3

* Reading of No. 4 by A. Searle at 7 A.M. 43.9

43.9

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WEDNESDAY, MAY 7, 1873.

	7	10	2	4	9
Barom.		30.457		30.428	
Att. Th.		64.1		70.8	
32 35		56.0	51,4	50,0	
12 30		55.7	50,8	49.1	
No. 4	47.7	53.8	50.8	49.2	44.9
Min.		38,1 (53.4)			
Solar Max.		59.0 (55.9)			
Dry		56,7		50,0	
Wet		44.9		43,1	
Gauge C		0			
Wind		6# E		4# SE	
Clouds		4 Rs haze		7 RRRs	

At 8 5/6 A. M.
Dry 55.0 Wet 53.6 No. 4 53.6
At 9 1/4 A. M.
Dry 56.0 Wet 54.8 No. 4 54.9
At 9 3/11 A. M. before wetting
Dry 58.0 Wet 56.8 No. 4 56.8

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THURSDAY, MAY 8, 1873.

	7	10	2	4	9
Barom.		30.478		30.400	
Att. Th.		58.6		67.2	
3235		53.8	52.7	58.4	
12530		52.8	51.8	52.5	
No. 4	41.3	53.2	52.1	52.7	45.2
Min.		37.2 (52.7)	1		
Solar					
Max.		56.6 (53.6)			
Dry		54.4		53.8	
Wet		43.0		44.1	
Gauge C		0			
Wind		4 SE		7 SE	
Clouds		3 Pt Ro Rm huge		9 Pt Ro Rm thin	

At 9¼ A.M.
Dry 55.0 Wet 54.0 No. 4 53.7
At 9 7/12 A.M.
Dry 55.0 Wet 53.9 No. 4 53.3
Thermometers suddenly lose irregularly.
After a minute or so
Dry 56.0 Wet 55.2 No. 4 54.7

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FRIDAY, MAY 9, 1873.

	7	10	2	4	9 10
Baron.		30.294		30.250	
Att. Th.		54.0		54.6	
3235		45.1	44.0	44.4	
12530		44.3	43.2	43.5	
No. 4	44.5	44.7	43.7	43.8	43.4
Min.		42.3 (44.9)			
Solar					
Max.		54.2 (45.6)			
Dry		45.8		45.0	
Wet		42.2		42.6	
Gauge C		3		39 7/10	
Wind		5 E		8 NE	
Clouds		10 Pm raining		10 Pm raining	

At 9 1/3 A.M.
Dry 46.1 Wet 44.9 No.4 45.1
At 9 7/12 A.M. before setting
Dry 46.0 Wet 44.6 No.4 44.9

At 10 A.M. gauge A 3 2/11 ounces 0.032 inches
4 P.M. " 0 " 45 1/4 " 0.391 "

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SATURDAY, MAY 10, 1873.

	7	10	2	4	9
Barom.		30.102		30.088	
Att. Th.		64.0		66.8	
3235		50.4	56.1	56.7	
12530		49.7	55.1	55.9	
No. 4	46.	50.6	56.2	56.9	51.0
Min.		42.3 (49.2)			
Solar					
Max.		49.7 (49.7)			
Dry		51.2		57.3	
Wet		49.6		54.0	
Gauge C		× 46			
Wind		0 calm		0 E	
Clouds		10 Pm mist		10 Pm	

At 10 A.M. Gauge A 54¼ ounces 0.469 inches

× Gauge C at 4 P.M. May 9 0.397 inches
" " 10 A.M. " 10 0.460 "
In all 0.857 "

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SUNDAY, MAY 11, 1873.

	7	10	2	4	9
Barom.		29.998		29.844	
Att. Th.		64.0		63.0.	
3235		48.8		48.0	
12530		47.9		47.0	
No 4	47.2	48.1	48.0	47.8	47.0
Min.		47.0 (47.9)			
Solar					
Max.		56.0 (50.0)			
Dry		49.1		48.4	
Wet		47.9		47.2	
Gauge C		16			
Wind		E. 4		S. E. E	
Clouds		10 rain clouds		Raining	

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1873phae.proj..37

MONDAY, MAY 12, 1873.

	7	10	2	4	9
Barom.		29.692		29.692	
Att. Th.		64.6		71.7	
3235		×58.9	64.5	63.6	
12530		56.7	63.2	63.0	
No. 4	51.2	57.4	64.0	63.6	53.5
Min.		45.9 (56.8)			
Solar					
Max.		56.7 (56.0)			
Dry		58.0		64.2	
W.B.		52.3		50.7	
Gauge C		42½			
Wind		9° NW		7° NW	
Clouds		10 Pm M 7m		7 M 7m	

Gauge A at 10 A.M. 66/100 inches 0.573 inches.

× Drop of water on bulb. After removing drop and waiting till 10⅙ A.M. 3235 57.8 12530 56.8 No. 4 57.6
Hence 3235 at 10 A.M. 57.6 probably, instead of 55.9

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TUESDAY, MAY 13, 1873.

	7	10	2	4	9
Baron.		29.599		29.526	
Att. Th.		62.3		69.0	
3235		63.4	70.0	56.6	
12530		62.3	69.0	56.0	
No. 4	52.5	63.5	70.0	57.0	50.8
Min.		42.7 (62.9)			
Solar					
Max.		64.0 (69.6)*			
Dry		64.6		57.3	
Wet		54.6		55.2	
Gauge C		0			
Wind		9e S		3e SW	
Clouds		10 Pm M		10 Pm raining	

At 9¾ A.M. before writing
Dry 61.8 Wet 60.4 No. 4 60.9

* Temperature of room where the instrument is set lower than air outside

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WEDNESDAY, MAY 14, 1873.

	7	10	2	4	9
Barom.		29.725		29.635	
Att. Th.		57.2		62,3	
3235		52.3	57.7	57.9	
12530		51.7	56.9	57.2	
No. 4	44.5	52.1	57.3	57.7	50.7
Min.		39.9 (51.6)			
Solar					
Max.		71.3 (52.6)			
Dry		53.0		58.4	
Wet		43.0		44.9	
Gauge C		15 8/10			
Wind		10 c SW		14 c SW	
Clouds		3 M 7m Ri		2 M 7m	

At 9 11/12 A.M. before writing
Dry 53.8 Wet 52.7 No. 4 52.4

At 10 A.M. gauge A 18 ounces 0.156 inches.

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THURSDAY, MAY 15, 1873.

	7	10	2	4	9
Barom.		29.723		29.761	
Att. Th.		54.4		60.8	
3235		52.0	57.8	58.1	
12530		51.1	57.0	57.7	
No. 4	45.3	51.7	57.6	58.2	49.9
Min.		41.2 (51.0)			
Solar					
Max.		57.8 (51.6)			
Dry		52.8		58.8	
Wet		43.6		47.2	
Gauge C		0			
Wind		12° NW		10° NW	
Clouds		1 R Pz		1 M Fmr	

At 9¾ d. M. before wetting
Dry 51.7 Wet 50.4 No. 4 50.8

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FRIDAY, MAY 16, 1873.

	7	10	2	4	9
Baron.		29.837		29.828	
Att. Th.		54.2		60.6	
3235		57.8	61.2	60.0	
125-30		56.9	60.8	59.2	
No. 4	46.7	57.9	61.7	60.1	53.5.
Min.		41.0 (56.9)			
Solar					
Max.		58.0 (57.1)			
Dry		58.4		60.9	
Wet		48.4		49.8	
Gauge C		0			
Wind		4e NW		5e N	
Clouds		5 P2R Pm		10 Pm Fm	
		M 7m			

At 9 5/6 A.M. before melting
Dry 59.0 Wet 57.8 No. 4 58.0

1873phae.proj .37

SATURDAY, MAY 17, 1873.

	7	10	2	4	9
Barom.		29.852		29.832	
Att. Th.		56.2		60.3	
3235		× 57.8	60.6	59.8	
12530		† 56.0	59.8	58.9	
No. 4	50.6	56.4	60.6	59.5	52.5
Min.		×† 47.0 (56.0)		56.0 (59.2)	
Solar					
Max.		†† 61.6 (57.0)		61.3 (59.5)	
Dry		57.0		60.4	
Wet		48.2		47.9	
Gauge C		0			
Wind		4° N.N.W.		7° NW	
Clouds		M eight		5 Pm M 7m	

× cirrulla lunaire 57.4

† cirrulla (cumul) Sperm. 56.0

†† thermy ther.
46.4 — 51.6
51.8

×× upper ther.
34 — 44 — 56

1873phae.proj .37

SUNDAY, MAY 18, 1873.

	7	10	2	4	9
Barom.		29.722		29.948	
Att. Th.		62.7		65.2	
3235		56.0		52.1	
12530		50.1		51.1	
No. 4	54.0	56.0	52.5	51.6	47.2
Min.		46.9 (53.4)			
Solar					
Max.		*60.0 (56.0)			
Dry		56.8		52.9	
Wet		47.4		46.1	
Gauge C		3			
Wind		3 NNW		2 S.S.W	
Clouds		9 h Pm		2 Nw	

* Set last at 4 P.M. May 17: maximum for day ending 10 A.M.
May 18 61.3

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MONDAY, MAY 19, 1873.

	7	10	2	4	9
Barom.		29.956		30.024	
Att. Th.		58.6		62.4	
3235		60.1	63.0	54.8	
12530		59.6	62.7	54.0	
No. 4		60.6	63.5	54.3	49.5
Min.		41.4 (59.3)			
Solar					
Max.		60.0 (59.3)			
Dry		61.1		55.1	
Wet		47.3		45.6	
Gauge C		0			
Wind		6e NW		8e E	
Clouds		9 Pm Fm		2 M Fm	

At 9¾ A.M. before wetting
Dry 61.3 Wet 60.0 No. 4 60.3

At 10 A.M. Gauge A 3½ ounces 0.031 inches

Aurora in Boston about 9 P.M.
mostly among clouds.

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TUESDAY, MAY 20, 1873.

	7	10	2	4	9
Baron.		30.298		30.302	
Att. Th.		60.7		64.3	
3235		58.6	57.0	56.0	
12530		57.9	56.3	55.5	
No. 4	47.8	58.6	56.6	55.6	48.4
Min.		38.8 (58.0)			
Solar					
Max.		63.3 (58.7)			
Dry		59.4		56.3	
Wet		47.2		44.4	
Gauge C		0			
Wind		2e NW		6e SE	
Clouds		0 7m		0	

At 9 2/3 A.M. before wetting
Dry 58.5 Wet 57.2 No. 4 57.6

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1873phae.proj .37

WEDNESDAY, MAY 21, 1873.

	7	10	2	4	9
Barom.		30.381		30.313	
Att. Th.		59.0		65.2	
3235		58.4	58.1	61.9	
12580		57.6	57.0	61.1	
No. 4	48.0	58.2	57.6	61.9	51.0
Min.		39.2 (57.5)			
Solar				123.7 (89.0)*	
Max.		60.2 (57.8)			
Dry		59.1		62.8	
Wet		46.6		50.2	
Gauge C		0			
Wind		1c E		8c SW	
Clouds		5 RRs		9 RRs	

At 9¾ A.M. before wetting
Dry 59.3 Wet 58.0 No. 4 58.6

*Solar thermometer 64.0 at 10 A.M. set back a little below 89 after 4 P.M. while its mounting was removed. Height of bulb of thermometer from the ground reduced to 6 inches from 7.

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THURSDAY, MAY 22, 1873.

	7	20	2	4	9
Barom.		30.236		30.167	
Att. Th.		61.4		65.8	
3235		56.8	63.0	65.8	
12530		55.9	62.3	64.6	
No. 4	49.2	56.8	63.2	65.8	59.0
Min.		45.6 (53.8)			
Solar				86.0 (75.0)	
Max.		62.0 (55.8)			
Dry		57.6		66.8	
Wet		54.0		60.9	
Gauge C		38			
Wind		5c S		4c SW	
Clouds		10 Pm 7m		10 Pm 7m	

At 9 5/6 A.M. before wetting
Dry 57.2 Wet 55.9 No. 4 56.7

Gauge A 10 A.M. 45 1/4 ounces 0.391 inches

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FRIDAY, MAY 23, 1873.

	7	10	2	4	9
Barom.		30.062		29.973	
Att. Th.		65.4		70.6	
3235		72.7	73.3	73.8	
12530		71.9	72.7	73.0	
No. 4	62.2	73.0	73.6	74.0	62.5
Maj.		55.1 (71.9)		131.2 (90.9)	
Solar Max.		72.3 (71.0)			
Dry		73.7		74.2	
Wet		65.2		64.6	
Gauge C		0			
Wind		4e S		8e S	
Clouds		4 M Fm		8 Pm M Fm	

At 9½ A.M. before wetting
Dry 71.4 Wet 70.7 No. 4 70.8

*Air of room cooler than external air.

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SATURDAY, MAY 24, 1873.

	7	10	2	4	9
Barom.	/	29.727		29.632.	
Att. Th.		68.2		76.0	
3235		72.8	81,1	74.8	
12530		71.8	80,4	73.8	
No. 4	64.0	73.0	81,1	74.9	69.1
Min.		58.3 (71,9)			
Solar				144.0 (85.5)	
Max.		75.0 (71.4)			
Dry		78.8		75,3	
Wet		66.6		66,0	
Gauge C		0			
Wind		9 c S W		9 c S W	
Clouds		4 M 7m		9 Pm M 7m	

~~At 9^B A.M. Something~~
~~D 72.8~~

A slight thundershower at 3 P.M.

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SUNDAY, MAY 25, 1873.

	7	10	2	4	9
Barom.		29.859		29.950	
Att. Th.		62.1		71.2	
3235		70.1		67.0	
12530		69.8		659	
No. 4	64.2	70.4	66.8	66.9	60.9
Mer.		56.2 (69.5)			
Solar				137.0 (103.4)	
Max.		81.8 (71.0)			
Dry		70.8		67.8	
Wet		59.2		67.9	
Gauge C		X			
Wind		3 NW		E. 1	
Clouds		9 Cu Pnb		2 Cu, R 8	

3 or 4 drops in gauge but not enough to be measured

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1873phae.proj .37

MONDAY, MAY 26, 1873.

	7	11¼ ~~10~~	2	4	9
Barom.	/	30.149		30.126	
Att. Th.		66.8		74.2	
3235		77.7	79.9	76.6	
12530		76.7	79.1	75.9	
No. 4	60.4	77.7	80.0	76.6	62.0
Min.		52.3 (76.8)			
Solar				143.3 (106.8)	
Max.		77.3 (76.0)			
Dry		78.4		77.0	
Wet		64.6		59.7	
Gauge C		0			
Wind		5c S W		12c S	
Clouds		7 R R M 7m		5 R R R	

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1873phae.proj .37

TUESDAY, MAY 27, 1873.

	7	10	2	4	9
Barom.		30.040		29.964	
Att. Th.		64.6		74.8	
3235		72.5	78.8	75.5	
12530		71.8	77.8	74.8	
No. 4	59.8	72.8	78.8	75.7	58.9
Min.		70.8 (71.9)			
Solar				137.2 (86.8)	
Max.		80.1 (71.0)			
Dry		73.5		75.9	
Wet		61.6		63.0	
Gauge C		0			
Wind		5e SW		6e SW	
Clouds		0 Rs haze		9 R R	

At 9½ A.M. before wetting
Dry 71.2 Wet 70.2 No. 4 70.4
At 4½ P.M. before wetting
Dry 73.1 Wet 72.4 No. 4 71.9

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1873phae.proj .37

WEDNESDAY, MAY 28, 1873.

	7	10	2	4	9
Barom.		29.859		29.786	
Att. Th.		71.7		80.8	
3231		77.6	85.7	80.2	
12530		76.4	84.7	79.8	
No. 4	67.5	77.7	85.8	80.6	71.9
Min.		55.0 (76.6)			
Solar		-		143.9 (81.0)	
Max.		78.2 (76.3)			
Dry		78.4		80.3	
Wet		70.8		71.9	
Gauge C					
Wind		5e0 SW		7e S	
Clouds		4 Pi Rs		9 Pm Pi / N 7m	

At 9½ A. M. before wetting
Dry 77.0 Wet 76.2 No. 4 76.6

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1873phae.prpj .37

THURSDAY, MAY 29, 1873.

	7	10	2	4	9
Barom.		29.986		29.966	
Att. Th.		70.8		77.1	
3235		74.8	80.3	81.0	
12530		73.8	79.7	80.0	
No. 4	68.0	74.7	80.6	81.3	70.0
Min.		63.0 (74.0)			
Solar				150.3 (120.9)	
Max.		85.4 (74.0)			
Dry		75.4			
Wet		63.1		81.7	
Gauge C		2 6/10		65.9	
Wind		3 NW		1 SW	
Clouds		1 RRRs		9 M Ps	

At 9 2/3 A.M. before wetting
Dry 75.1 Wet 74.2 No. 4 74.5

At 10 A.M. gauge A 3 3/4 ounces 0.032

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FRIDAY, MAY 30, 1873.

	7	10	2	4	9
Barom.		30.028		30.084	
Att. Th.		64.0		66.6	
3235		58.4	61.8	62.5	
12530		57.4	60.8	61.8	
No. 4	60.3	58.2	61.8	62.6	53.2
Min.		57.1 (57.4)			
Solar				134.4 (81.5)	
Max.		80.4 (59.4)			
Dry		59.2		63.3	
Wet		57.0		49.6	
Gauge C		0			
Wind		10 NW		9 NW	
Clouds		10 Cu 7m		7 Pi Pm M	

At 9 2/3 A.M. before wetting
Dry 59.3 Wet 58.0 No. 4 58.5

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SATURDAY, MAY 31, 1873.

	7	10	2	4	9
Barom.		30.409		30.354	
Att. T.		58.1		63.4	
3235		56.5	58.3	60.7	
12530		54.4	57.0	59.6	
No. 4	50.5	56.3	57.6	60.4	
Min.		41.4 (55.8)			
Solar				130.0 (104.7)	
Max.		63.2 (57.5)			
Dry		57.1		61.4	
Wet		45.8		50.3	
Gauge C		0			
Wind		2 NE		3 SE	
Clouds		0 7m		0 haze	

At 9 1/3 A.M.
Dry 56.1 Wet 54.0 No. 4 54.4
At 9 3/4 A.M. before wetting
Dry 56.6 Wet 55.5 No. 4 55.8

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SUNDAY, JUNE 1, 1873.

	7	10	2	4	9
Barom.		30.220		30.118	
Att. Th.		58.1		70.0	
3235		67.6		75.6	
12530		66.1		76.0	
No. 4	56.8	67.2	75.7	75.8	
Mign.		42.1 (67.0)			
Solar				143.1 (111.5)	
Max.		67.0 (66.4)			
Dry		68.2		76.0	
Wet		56.7		57.1	
Gauge C		0			
Wind		2 W		4 SW	
Clouds		1 Ro		2 Ro	

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MONDAY, JUNE 2, 1873.

	7½	10	2	4	9
Barom.		30.244		30.150	
Att. Th.		64.3		68.0	
3235		61.9	62.3	65.0	
12s-30		61.0	61.8	64.0	
No. 4	57.5	61.4	62.1	64.8	67.1
Min.		56.4 (61.4)			
Solar				139.0 (112.8)	
Max.		76.5 (62.4)			
Dry		62.3		65.6	
Wet		49.3		52.8	
Gauge		0			
Wind		6 SE		2 SE	
Clouds		6 RRRs		1 RRs R haze	

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1873phae.proj.37

TUESDAY, JUNE 3, 1873.

	7	10	2	4 1	9
Barom.		30.324		30.250	
Att. Th.		60.3		63.3	
323.5		53.8	58.2	58.0	
12530		53.0	57.0	57.2	
No. 4	52.5	53.2	58.0	58.0	50.2
Min.		48.0 (53.1)			
Solar				115.3 (73.5)	
Max.		66.5 (55.0)			
Dry		57.2		58.1	
Wet		42.8		46.7	
Gauge C		0			
Wind		8° E		2° S E	
Clouds		10 R Pm		10 R Pm	

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WEDNESDAY, JUNE 4, 1873.

	7	10	2	4	9
Barom.		29.927		29.702	
Att. Th.		58.6		64.3	
3235		60.7	66.8	68.8	
12530		60.0	65.6	67.7	
No. 4	51.5	60.9	66.9	68.9	64.0
Min.		47.7 (60.0)			
Solar				130.0 (101.4)	
Max.		64.3 (59.9)			
Day		61.5		69.8	
Wet		51.0		62.3	
Gauge C		0			
Wind		12c S		10c S	
Clouds		10 Pm		5 Pm 7m	

At 9⅔ A.M. before wetting
Dry 61.4 Wet 60.1 No. 4 60.3

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THURSDAY, JUNE 5, 1873.

	7	10	2	4	9
Barom.		29.650		29.630	
Att. Th.		66.3		70.5	
3235		63.1	62.6	64.0	
12530		62.1	61.6	63.4	
No. 4	58.8	63.1	62.0	63.9	54.1
Min.		57.3 (62.7)			
Solar				138.8 (102.4)	
Max.		70.0 (63.3)			
Dry		64.1		64.8	
Wet		57.5		55.6	
Gauge C		3½			
Wind		5 SE		7 SE	
Clouds		10 Pm		4 R R Pm M	

At 9 5/12 A.M.
Dry 62.0 Wet 60.7 No. 4 60.5
At 9 3/4 A.M. before watering
Dry 63.8 Wet 62.4 No. 4 62.5

At 10 A.M. Gauge A 3¾ mms 0.032 inches

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1873phae.proj .37

FRIDAY, JUNE 6, 1873.

	7	10	2	4	9
Barom.		29.750		29.738	
Att. Th.		62.0		69.0	
3235		73.2	68.5	68.7	
12530		72.0	67.7	67.6	
No. 4	55.0	73.2	68.5	68.6	61.6
Min.		48.2 (72.6)			
Solar				143.3 (98.3)	
Max.		72.9 (72.2)			
Dry		74.6		69.7	
Wet		64.2		62.0	
Gauge C		0			
Wind		2 W		2 E	
Clouds		0 7m haze		7 RRM	

At 9½ A.M.
Dry 72.1 Wet 70.9 No.4 70.8
At 9¾ A.M. before writing
Dry 73.8 Wet 72.6 No.4 72.4

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1873phae.proj..37

SATURDAY, JUNE 7, 1873.

	7	10	2	4	9
Barom.	/	29.875		29.901	/
Att. Th.		63.0		67.6	
3235		62.7	60.8	60.0	
12530		61.4	60.0	58.2	
No. 4	55.0	62.7	60.4	59.6	52.6
Min.		51.0 (61.9)			
Solar				138.7 (109.3)	
Max.		76.6 (61.8)			
Dry		63.9		61.1	
Wet		59.0		59.4	
Gauge C		4½		10	
Wind		6 NE		1 NE	
Clouds		10 Pm M Fm		9 Pm M Fm	

At 9 7/12 A.M.
Dry 63.0 Wet 61.8 No. 4 61.7
At 9¾ A.M. before wetting
Dry 63.2 Wet 62.0 No. 4 62.1

Gauge H at 4 P.M. 16½ ounces 0.143 inches

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1873phae.proj .37

SUNDAY, JUNE 8, 1873.

	7	10	2	4.15	9
Barom.		30.138		30.02	
Att. Th.		60.0		63.9	
3235		56.0		60.5	
12530		55.0		59.8	
No. 4	56.2	55.8	62.0	60.4	54.0
Min.		51.2(55.0)		~~50.0~~ ( )	
Solar				123.9(109)	
Max.		70.6 (58.6)			
Dry		57.0		61.0	
Wet		57.0		53.1	
Gauge C		17.6*			
Wind		4 N		5. E	
Clouds		9 Pnn		3R 7m	

* Gauge C at 4 P.M. June 7, 0.100 inches
" " " 10 A.M. " 8, 0.175 "
In all 0.275 "

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1873phae.proj .37

MONDAY, JUNE 9, 1873.

	7	10	2	4	9
Barom.		30.151		30.088	
Att. Th.		59.1		66.7	
3235		64.1	66.0	62.5	
12530		63.4	65.1	61.8	
No. 4	55.0	64.3	65.9	62.3	
Min.		46.3 (63.5)			
Solar				134.7 (117.8)	
Max.		63.9 (63.6)			
Dry		65.2		63.1	
Wet		53.0		50.1	
Gauge C		0			
Wind		6e NE		6e SE	
Clouds		0 Rs		1 Pt Rs	

At 9 5/6 A.M. before wetting
Dry 65.3 Wet 64.0 No. 4 64.3

At 10 A.M. gauge A 18 1/2 ounces 0.160 inches

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1873phae.proj.37

TUESDAY, JUNE 10, 1873.

	7	10	2	4	9
Barom.		29.961		29.930	
Att. Th.		61.3		69.8	
3235		69.0	70.8	69.7	
12530		68.0	70.0	69.0	
No. 4	58.5	69.3	70.9	69.6	64.9
Min.		49.5 (68.3)			
Solar				138.1 (118.0)	
Max.		68.9 (68.4)			
Dry		70.0		69.9	
Wet		60.0		58.1	
Gauge C		0			
Wind		5e N		3e SE	
Clouds		6 Pc Rs		0 hage M 7m Rs	

At 9 5/6 A.M. before wetting
Dry 69.7 Wet 68.7 No. 4 69.1

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1873phae.proj .37

WEDNESDAY, JUNE 11, 1873.

	7	10	2	4	9
Barom.		29.840		29.881	
Att. Th.		67.1		73.7	
3235		72.1	76.0	78.7	
12530		71.2	75.2	77.8	
No. 4	68.5	72.6	76.6	78.7	66.9
Min.		59.8 (71.3)			
Polar				143.6 (126.9)	
Max.		73.8 (70.3)			
Dry		73.2		79.1	
Wet		68.8		66.5	
Gauge C		4		4	
Wind		9 SW		7 W	
Clouds		10 Pn 7m		6 R R M	

At 9 2/3 A.M. before meeting
Dry 71.8 Wet 70.8 No. 4 70.9

At 4 P.M. gauge A 9 3/4 ounces 0.084 inches

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1873phae.proj .37

THURSDAY, JUNE 12, 1873.

	7	10	2	4	9
Barom.		30.080		30.100	
Att. Th.		67.0		71.0	
3235		67.8	71.0	70.9	
12530		67.0	70.1	70.0	
No 4	62.2	67.9	70.9	70.8	60.0
Min.		57.1 (67.0)			
Solar				138.7 (122.0)	
Max.		78.2 (67.4)			
Dry		68.7		71.4	
Wet		56.3		54.8	
Gauge C		*0			
Wind		10c N		9c N	
Clouds		0 7m		0 haze	

At 9¾ A.M. before wetting
Dry 68.9 Wet 68.0 No. 4 68.1
*At 4 P.M. June 11 Gauge C 0.040 inches

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1873phae.proj .37

FRIDAY, JUNE 13, 1873.

	7	10	2	4	9
Barom'r		30.267		30.214	
Att. Th.		67.1		68.6	
3235		67.8	66.9	64.6	
12530		66.4	66.2	63.8	
No. 4	55.8	67.8	66.9	64.4	54.9
Min.		48.1 (67.0)		136.0 (115.0)	
Solar					
Max.		79.7 (66.8)			
Dry		68.4		65.1	
Wet		57.8		54.1	
Gauge C		0			
Wind		6e E		7e E	
Clouds		4 M Rs		10 M Rs	

At 9 5/6 A.M. before wetting
Dry 68.4 Wet 67.5 No. 4 67.8

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1873phae.proj .37

SATURDAY, JUNE 14, 1873.

	7	10	2	4	9
Barom.		30.102		30.000	
Att. Th.		61.4		66.2	
3235		60.0	64.3	62.1	
12530		59.0	63.5	61.1	
No. 4		59.7	64.1	62.0	55.8
Min.		44.8 (49.2)			
Solar				133.8 (76.4)	
Max.		68.4 (59.8)			
Dry		60.8		63.0	
Wet		54.8		55.9	
Gauge C		0			
Wind		7 E		7 NE	
Clouds		9 Pa 7m		10 Pm	

At 9½ A.M. before wetting
Dry 60.4 Wet 59.2 Nos 59.6

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SUNDAY, JUNE 15, 1873.

	7	10	2	4	9
Barom.		29.922		29.852	
Att. Th.		63.9		73.0	
3235		69.5		78.0	
12530		68.0		76.9	
No. 4	64.2	69.0	78.6	78.0	72.0
Min.		53.7 (68.7)			
Solar				143.6 (118.4)	
Max.		69.0 (68.4)			
Dry		70.8		78.7	
Wet		62.7		66.0	
Gauge		2			
Wind		2 SW		5 S W	
Clouds		3 R. Ro		6 R Ro	

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1873phae.proj .37

MONDAY, JUNE 16, 1873.

	7½	10	2	4	9
Barom.		29.850		29.778	
Att. Th.		69.8		78.2	
3235		79.2	85.2	85.8	
12530		78.0	84.2	85.0	
No. 4	66.5	79.2	85.2	85.9	74.4
Min.		59.5 (78.5)			
Solar				147.2 (130.0)	
Max.		79.0 (78.2)			
Dry		80.1		86.2	
Wet		68.2		67.1	
Gauge C		0			
Wind		6 NW		7 SW	
Clouds		0 Fm		2 RRM	

At 9½ A. M.
Dry 78.8 Wet 78.0 No. 4 78.0
At 9⅔ A. M. before wetting
Dry 78.7 Wet 77.9 No. 4 78.0

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1873phae.proj .37

TUESDAY, JUNE 17, 1873.

	7	10	2	4	9
Barom.		29.840		29.857	
Att. Th.		71.5		76.2	
3235		73.8	78.0	77.9	
12530		72.5	77.3	77.0	
No. 4	66.8	73.7	78.1	78.0	
Min.		60.8 (72.9)			
Solar				144.6 (129.5)	
Max.		85.4 (72.8)			
Dry		74.5		78.4 *	
Wet		62.0		57.2 *	
Gauge C		2			
Wind		11 c NW		17 c NW	
Clouds		1 M Fm		0 M	

At 9 2/3 A. M.
Dry 73.3 Wet 72.4 No. 4 72.7
At 9 11/12 A. M. before wetting
Dry 73.8 Wet 72.9 No. 4 73.3

* Read carefully

Gauge A at 10 A. M. 5 ounces 0.043 inches

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1873phae.proj .37

WEDNESDAY, JUNE 18, 1873.

	7	10	2	~~4~~ 6	9
Barom.	7 P.	29.971		29.830	
Att. Th.		65.4		73.2	
3235		69.7		71.2	
12530		68.1		70.8	
No. 4	60.5	69.6		71.6	62.4
Min.		52.6 (68.6)			
Solar				140.4 (76.4)	
Max.		78.0 (69.9)			
Dry		70.8		71.4	
Wet		55.8		58.8	
Gauge C		0			
Wind		3e NW		Je SW	
Clouds		0 Rs		9 R Rm	

At 9 ½ A.M.
Dry 68.9 Wet 68.0 No. 4 68.2
At 9 3/11 A.M. before wetting
Dry 69.8 Wet 68.6 No. 4 69.0

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THURSDAY, JUNE 19, 1873.

	7	10	2	4	9 25
Barom.		29.727		29.721	
Att. Th.		68.0		78.9	
3235		81.4	89.0	90.8	
12530		80.0	88.2	90.0	
No. 4	66.0	81.8	89.6	91.3	72.1
Min.		57.1 (80.5)			
Solar				143.8 (129.9)	
Max.		81.1 (79.6)			
Dry		82.4		91.3	
Wet		68.9		72.5	
Gauge C		0			
Wind		5 e W		6 e W	
Clouds		1 Nage Rs		6 Pm Fm	

At 10 A.M. before wetting
Dry 82.0 Wet 81.4 No 4 81.5

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FRIDAY, JUNE 20, 1873.

	7	10	2	4	9
Barom.		29.620		29.633	
Att. Th.		76.9		85.0	
3235		86.7	87.6	84.8	
12530		85.4	86.6	83.9	
No. 4	78.8	86.7	87.6	84.8	
Min.		71.6 (86.0)			
Solar				147.7 (129.0)	
Max.		90.8 (85.4)			
Dry		87.6		85.1	
Wet		65.6		61.4	
Gauge C		0			
Wind		4c NW		16c W	
Clouds		9 Pm 7m		0 haze	

At 9½ A.M.
Dry 85.8 Wet 82.9 No. 4 85.5
At 9 5/6 A.M. before watering
Dry 86.0 Wet 85.0 No. 4 85.4

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SATURDAY, JUNE 21, 1873.

	7	10	2	4	9
Barom.		29.852		29.803	
Att. Th.		70.2		74.6	
3235		70.8	76.7	76.3	
12530		70.0	75.6	75.7	
No. 4	64.0	71.1	76.8	76.8	63.2
Min.		54.2 (70.0)		45.0 (113.9)	
Solar Max.		87.7 (70.3)			
Dry		71.5		77.0	
Wet		55.1		59.7	
Gauge C		0			
Wind		7 c NW		8 c NW	
Clouds		½ N 7m		8 Pm 7m N Rs	

At 9 5/6 A.M. before wetting
Dry 71.9 Wet 71.0 No. 4 70.9

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SUNDAY, JUNE 22, 1873.

	7	10	2	4	9
Baron.		30.066		30.082	
Att. Th.		65.9		~~68.4~~ 71.1	
3235		67.0		~~67.2~~ 68.4	
12530		67.3		~~[illegible]~~ 67.2	
No. 4	59.0	67.9	68.0	68.0	58.4
Min.		51.3 (67.0)			
Solar				144.0 (89.0)	
Max.		77.1 (67.2)			
Dry		67.0		69.0	
Wet		55.9		58.0	
Gauge C		0			
Wind		1 S		1 SE	
Clouds		4 R. Ma Fm		8 m Fm R	

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1873phae.proj..37

MONDAY, JUNE 23, 1873.

	7	10	2	21	9
Barom.		30.250		30.238	
Att. Th.		63.8		71.8	
3235		71.6	71.0	71.1	
12530		70.4	69.2	70.0	
No. 4	57.3	71.8	70.2	71.1	58.9
Min.		48.0 (70.9)			
Solar				147.6 (110.0)	
Max.		71.8 (70.8)			
Dry		72.6		71.8	
Wet		58.7		59.4	
Gauge C		0			
Wind		0 S		8 SE	
Clouds		0 R Rs M		9 R R Rm M fm	

At 9 11/12 A.M. before washing
Dry 71.7 Wet 70.8 No. 4 71.5

Aurora about 10 P.M.; also
on June 20 & 22.

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TUESDAY, JUNE 24, 1873.

	7	10	2½	4	9
Barom.		30.218		30.209	
Att. Th.		64.5		71.6	
3235		73.0	70.9	70.2	
12530		71.7	69.8	69.1	
No. 4	57.5	73.4	70.9	70.0	60.1
Min.		49.3 (72.1)			
Solar				39.8 (116.0)	
Max.		75.3 (72.0)			
Dry		74.7		71.1	
Wet		60.7		57.2	
Gauge		0			
Wind		SS		6 SE	
Clouds		0 BRs		5 BRs thin	

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WEDNESDAY, JUNE 25, 1873.

	7	10	2	4	9
Barom.		30.386		30.394	
Att. Th.		64.0		72.8	
3235		75.0	75.4	75.9	
12530		73.7	74.7	75.0	
No. 4	58.2	75.0	75.8	75.7	64.6
Min.		48.1 (74.2)			
Solar				144.2 (125.3)	
Max.		76.4 (73.0)			
Dry		76.2		76.7	
Wet		61.7		56.5	
Gauge C		0			
Wind		1e SE		7e SE	
Clouds		0 haze		0 PuRb haze	

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THURSDAY, JUNE 26, 1873.

	7	10	2	4	9
Barom.		30.361		30.264	
Att. Th.		66.9		75.3	
3235		79.9	87.0	86.0	
12530		78.9	86.0	84.9	70.0
No. 4	63.7	80.2	87.0	86.1	
Min.		52.8 (79.2)			
Solar				143.8 (131.9)	
Max.		79.7 (78.0)			
Day		80.6		86.5	
Wet		62.5		64.1	
Gauge C					
Wind		S E S W		S E S W	
Clouds		0 R Rs		3 R Rs	

At 9¾ A.M. before wetting
Dry 81.1 Wet 80.2 No. 4 80.1.

At 10 P.M. broken around and
shoot streamers

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FRIDAY, JUNE 27, 1873.

	7	10	2	4	9
Barom.		30.130		29.991	
Att. Th.		72.6		82.0	
3235		77.8	85.6	85.0	
12530		76.9	84.7	84.0	
No. 4	64.3	78.3	85.7	85.2	69.4
Min.		56.2 (77.1)			
Solar				148.0 (130.0)	
Max.		86.9 (77.0)			
Dry		78.7		85.5	
Wet		63.8		67.8	
Gauge C		0			
Wind		8° SW		10° SW	
Clouds		1 Pi Rs		0 Pi Rs	

At 9½ A.M.
Dry 79.2 Wet 78.3 No. 4 78.2
At 9½ A.M. before wetting
Dry 78.6 Wet 77.8 No. 4 78.2

At 10 P.M. auroral light among clouds

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SATURDAY, JUNE 28, 1873.

	7	10	2	4	9
Barom.		29.766		29.732	
Att. Th.		79.4		79.2	
3235		81.8	88.6	83.2	
12530		80.6	86.8	82.2	
No. 4	70.0	82.4	88.5	83.3	73.1
Min.		63.4 (81.0)			
Solar Max.		86.0 (80.6)		157.2 (131.2)	
Dry		82.8		83.5	
Wet		71.9		73.2	
Gauge C					
Wind		4e W		2e E	
Clouds		8 Pm M R		5 R Pm M Fm	

At 9¼ A.M.
Dry 79.6 Wet 78.8 No. 4 79.2
At 9½ A.M. before wetting
Dry 82.0 Wet 81.3 No. 4 82.0

Slight Thundershowers about 9 P.M.

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SUNDAY, JUNE 29, 1873.

	7½	10	2	4	9
Barom'y		29.858		29.848	
Att. Th.		75.0		80.4	
3235		82.9	5	83.7	
12530		82.9	1	81.9	
No. 4	75.5	84.2	82.1	83.3	73.0
Min.		66.2 (83.)			
Solar				152.9 (95.9)	
Max.		88.5 (80.9)			
Dry		84.0		83.0	
Wet		73.0		73.8	
Gauge C		1			
Wind		3 SSW		S 2	
Clouds		1 R Pm		TR in Pm	

Slight Thunder storm commencing at 2 Pm

Aurora about 9½ P.M.: faint arch from Ursa Maj. to Cass. & some appearance of streamers.

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MONDAY, JUNE 30, 1873.

	7	10	2	4	9
Barom.		29.972		29.952	
Att. Th.		74.8		79.0	
3235		82.6	86.8	83.5	
12530		81.6	85.8	82.1	
No. 4	71.2	83.2	87.1	83.5	74.1
Min.		67.0 (82.0)			
Solgi				150.2 (340)	
Max.		89.4 (80.5)			
Dry		83.7		84.2	
Wet		73.1		73.1	
Gauge C		1			
Wind		7 S		13 S	
Clouds		5 M 7m Ra		5 M 7m	

At 4 P.M. Gauge A 04/10 ounces 0.037 inches

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1873phae.proj .37

TUESDAY, JULY 1, 1873.

	7	10	2	4	9
Baron.		29.855		29.854	
Att. Th.		74.2		77.4	
3235		75.6	76.8	76.8	
12530		74.0	76.1	75.8	
No. 4	65.8	76.1	77.5	76.9	71.5
Min.		63.6 (74.9)		138.8 (84.5)	
Solar Max.		86.4 (75.0)			
Dry		77.1		77.3	
Wet		70.6		74.4	
Gauge C		0			
Wind		0° E		5 c S	
Clouds		10 Pm M +/im		10 Pm 7m	

Frequent slight showers

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1873phae.proj .37

WEDNESDAY, JULY 2, 1873.

	7	10	2	4	9
Barom.		30.090		30.104	
Att. Th.		74.3		83,0	
3235		80.9	88.4	88,3	
12530		80.0	86.9	87.1	
No. 4	72.0	81.2	88.0	86.4	74.6
Min.		65.5 (80.3)			
Solar				153.0 (122.0)	
Max.		80.8 (80.6)			
Dry		81,8		89.0	
Wet		70.1		71.7	
Gauge C		15 4/10			
Wind		2° W		5° W	
Clouds		1 M 7m Ns		5 M 7m	

At 9 5/6 A. M. before wetting
Dry 81.4 Wet 80.6 No. 4 81.0

At 4 P.M. Gauge A 20 1/4 ounces 0.175 inches

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1873phae.proj .37

THURSDAY, JULY 3, 1873.

	7	10	2	4	9
Barom.		30.100		30.009	
Att. Th.		84.8		85.9	
3235		71.6	88.3	84.8	
12530		70.6	×84.8	80.7	
No. 4	73.3	71.0	88.6	85.0	74.1
Min		68.8 (70.8)			
Solar				144.8 (97.2)	
Max.		88.4 (70.2)			
Dry		72.6		85.1	
Wet		71.1		73.8	
Gauge C		74			
Wind		4° S		17° S	
Clouds		8 Rm M 7m		5 Rm Rm Rs 7m	

Thunder showers before 10 A.M.

Gauge A at 10 A.M. 90½ ounces (by measuring glass, key to shed where scales are kept being lost,) 0.783 inches

× Bulb of 12530 examined to see if it was wet, but found dry

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FRIDAY, JULY 4, 1873.

	7	10	2	4	9
Barom.		29.886			
Att. Th.		76.2			
3235		85.1			
12530		84.0			
No. 4	72.2	85.7			
Min.					
Solar					
Max.					
Dry		86.4			
Wet		73.6			
Gauge C		0 x			
Wind		6° SW			
Clouds		3 PK Rm Rs			

~~At 9h 5m A.M. before setting~~
~~Dry 86.0 Wet 55.5 Atm 84.2~~

*Board found over gauge; gauge A examined: no water there.

All except the 7 h. M. observation belongs to July 5.

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SATURDAY, JULY 5, 1873.

	7	10	2	4	9
Barom.		29.886		29.832	
Att. Th.		76.2		81.7	
3235		85.1	87.0	86.0	
12530		84.0	85.9	85.3	
No. 4	74.0	85.7	87.3	80.9	71.9
Min.		67.8 (84.6)			
Solar				150.0 (105.3)	
Max.		89.9 (82.8)			
Dry		86.4		85.9	
Wet		73.6		76.7	
Gauge C		0×			
Wind		6e SW		11e S	
Clouds		3 Pa R Rm Rs		8 R Rm M 7m Rm	

At 9 5/6 A. M. before wetting
Dry 86.0 Wet 85.5 No. 4 85.0

× Board found over gauge; gauge A examined: no water there.

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SUNDAY, JULY 6, 1873.

	7½	10	2	4	9
Barom.		29.846		29.892	
Att. Th.		75.8		78.0	
3235		78.0		76.0	
12530		77.2		75.6	
No. 4	73.2	78.4	78.6	76.5	63.2
Min.		69.7 (77.5)			
Solar				154.0 (109.0)	
Max.		85.0 77.4			
Dry		79.0		76.8	
Wet		65.0		62.2	
Gauge C		0			
Wind		S W W		S S W W	
Clouds		2 Fm		6 Cu fm	

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MONDAY, JULY 7, 1873.

	7	10 1/3	2	4	9
Barom.	/	30.066		30.034	/
Att. Th.		68.2		73.2	
3235		70.1	72.0	70.5	
12530		69.5	70.7	69.4	
No. 4	62.0	70.0	71.7	70.2	60.4
Min.		53.1 (69.9)			
Solar				139.8 (121.8)	
Max.		81.0 (70.0)			
Dry		71.1		71.0	
Wet		56.8		57.4	
Gauge C		0			
Wind		6e SE		5e E	
Clouds		0 Pm fm		0 Rs R	

At 10 1/6 P.M. before wetting
Dry 72.3 Wet 71.4 No. 4 71.6

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1873phae.proj .37

TUESDAY, JULY 8, 1873.

	7	10	2	4	9
Barom.		30.030		30.000	
Att. Th.		65.2		72.7	
3235		72.6	74.1	70.7	
12530		72.4	73.4	69.7	
No. 4	63.5	74.0	74.1	70.5	66.2
Min.		54.3 (72.2)			
Solar				142.1 (70.7)	
Max.		73.7 (72.4)			
Dry		73.5		71.4	
Wet		63.8		61.7	
Gauge C		0			
Wind		3 < S		4 < SE	
Clouds		2 PiR Ro Fm		10 Pm Fm Pi	

At 9 3/4 A.M. before wetting
Dry 75.4 Wet 74.6 No. 4 74.6

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WEDNESDAY, JULY 9, 1873.

	7	10	2	4	9
Barom.		30.042		30.022	
Att. Th.		68.8		74.5	
3235		70,0	72,2	73 4	
12530		68.8	71,1	72.4	
No.4	64.3	70.3	72.0	73.4	63.0
Min.		60.1 (69.3)			
Solar				144.0 (119.2)	
Max.		77.2 (70.0)			
Dry		71,3		74.1	
Wet		63.9		62.3	
Gauge C		0			
Wind		0° SE		5° SE	
Cloud		8 Pr thin		5 Pm 7 Pm Rm	

At 9h 5m P.M. Before wetting
Dry 69.9 Wet 68.9 No.4 69.8

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THURSDAY, JULY 10, 1873.

	7	90	2	4	9
Barom.		30.090		30.042	
Att. Th.		69.0		74.3	
3235		76.8	75.7	71.8	
12530		75.3	74.2	70.8	
No. 4	63.5	76.8	75.2	71.4	61.3
Min.		57.7 (76.0)			
Solar				147.3 (97.9)	
Max.		76.6 (75.6)			
Dry		78.1		72.2	
Wet		66.7		63.7	
Gauge C		0			
Wind		3° S E		8° E	
Clouds		4 Pm Rm 7m N		5 Pm N 7m	

At 9 11/12 A.M. before wetting
Dry 77.1 Wet 76.3 No. 4 76.6

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FRIDAY, JULY 11, 1873.

	7	10	2	4	9
Barom.		30.000		29.950	
Att. Th.		66.7		70.9	
3235		71.8	69.1	69.4	
12530		70.9	67.9	68.0	
No. 4	65 2	72.5	68.8	68.9	63.0
Min.		57.4 (71.0)			
So far				131.0 (120.0)	
Max.		76.5 (71.0)			
Day		72.9		70.0	
Wet		64.8		63.6	
Gauge C		0			
Wind		2 c S W		4 c E	
Clouds		9 Pm Rs		5 Pm 7m	

At 9½ P.M. before wetting
Dry 73.2 Wet 72.1 No. 4 72.2

Thunder showers after 5 P.M.

abv To.

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SATURDAY, JULY 12, 1873.

	7	10	2	4	9
Barom.		30.199		30.216	
Att. Th.		66.2		72.1	
3235		69.3	73.7	75.0	
12530		68.6	72.6	74.0	
No. 4	64.3	69.4	73.4	75.0	64.0
Min.		55.3 (68.8)			
Solar				140.0 (126.8)	
Max.		74.7 (68.8)			
Dry		70.2		75.7	
Wet		55.7		58.1	
Gauge C		14			
Wind		10e N		5e NW	
Clouds		2 R Rs Pm 7m		1 M 7m R R Rs	

At 9½ P.M. before wetting
Dry 70.1 Wet 69.0 No. 4 70.1

At 10½ P.M., gauge A 16 ounces 0.131 inches

Aurora suspected at 10 P.M.: white light in form of arch on or among clouds in the N.: moon about rising.

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SUNDAY, JULY 13, 1873.

	7½	10	2	4	9
Baromr.		30.320		30.252	
Att. Th.		61.5		74.9	
3235		76.0		80.6	
12530		75.0		80.0	
No. 4	67.5	76.8			
Min.		53.3 (75.0)			
Solar				147.0 (117.0)	
Max.		75.9 (75.0)			
Dry		76.9		81.0	
Wet		63.1		67.0	
Gauge C		0			
Wind		3 SW.		4 SW	
Clouds		9 Ro		9 Ro	

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MONDAY, JULY 14, 1873.

	7	10	2	4	9
Barom.		30.108		29.992	
Att. Th.		70.4		79.9	
3235		81.7	90.0	90.7	
12530		80.3	89.9	88.9	
No. 4		82.0	90.9	90.5	80.0
Min.		60.6 (80.9)			
Solar				148.1 (135.6)	
Max.		83.5 (80.1)			
Dry		82.6		91.5	
Wet		71.1		76.8	
Gauge C		0			
Wind		2e SW		4e SW	
Clouds		0 haze Pm		9 Pm M Pm	

At 10 A.M. before wetting
Dry 82.4 Wet 81.6 No. 6 82.6.

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TUESDAY, JULY 15, 1873.

	7	10	2	4	9
Barom.		29.884		29.841.	
Att. Th.		78.8		85.4	
3235		86.4	89.7	90.6	
12530		85.3	89.2	89.9	
No. 4	78.0	86.6	90.3	90.9	77.8
Min.		72.2 (85.9)			
Solar				155.6 (116.9)	
Max.		91.3 (85.4)			
Dry		87.1		91.0	
Wet		73.7		70.4	
Gauge		0			
Wind		7e N		9e N	
Cloud		7 / M 7m		9 Pm M 7m	

At 9½ A.M.
Dry 86.1 Wet 85.3 No. 4 85.7
At 9⅝ A.M. before wetting
Dry 86.9 Wet 86.1 No. 4 86.5

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WEDNESDAY, JULY 16, 1873.

	7	10	2	4	9
Barom.		30.050		30.000	
Att. T.		72.4		77.0	
3235		70.9	76.4	78.0	
12530		69.9	75.6	77.0	
No. 4	68.8	70.9	76.5	78.0	69.0
Min.		63.6 (70.0)			
Solar				143.0 (130.0)	
Max.		92.2 (70.9)			
Dry		71.8		78.6	
Wet		55.6		56.7	
Gauge		0			
Wind		6c N		7c N	
Clouds		0 7m		1 Rm Rm 7m	

At 9 5/6 A. M. before writing
Dry 71.2 Wet 70.1 No. 4 70.6

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THURSDAY, JULY 17, 1873.

	7	10	2	4	9
Barom.	1	30.024		29.965	
Att. Th.		70.3		69.7	
3235		67.8	61.8	61.1	
12530		66.9	61.0	60.3	
No. 4	65.0	67.8	61.6	60.9	56.6
Min.		60.0 (67.0)			
Solar				130.0 (63.7)	
Max.		77.8 (67.6)			
Dry		68.3		61.8	
Wet		59.9		57.8	
Gauge C		0 1/10			
Wind		4 N		4 E	
Clouds		10 Pm		10 Pm fog a little rain	

A little rain at times

Gauge A at 10 A.M. 1/2 or 0.013 inches.

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1873phae.proj .37

FRIDAY, JULY 18, 1873.

	7	10	2	4	9
Barom.		29.966		30.038	
Att. Th.		64.9		64.8	
3235		57.6	58.0	58.0	
12530		56.7	57.0	57.1	
No. 4	56.3	57.3	57.6	57.6	58.0
Mini.		55.5 (56.6)		75.4 (62.2)	
Solar					
Max.		67.7 (57.4)			
Dry		58.4		58.8	
Wet		56.2		56.0	
Gauge C		101			
Wind		12° E		5° E	
Clouds		10 Pm a little rain		10 Pm	

At 10 A.M., gauge A 99 ounces 0.856 inches
seems about 1 Dounces too little if gauge
C is right: perhaps some mistake in weighing.

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SATURDAY, JULY 19, 1873.

	7	10	2	4	9.30
Barom.	/	29.988		29.940	/
Att. Th.		62.9		64.7	
3235		58.7	60.0	58.8	
12530		58.0	59.1	58.0	
No. 4	57.0	58.6	60.0	58.8	57.3
Min.		55.7 (58.0)			
Solar				87.0 (67.8)	
Max.		58.0 (58.0)			
Dry		59.7		60.4	
Wet		58.2		57.6	
Gauge C		87		46½	
Wind		6 NE		6 N	
Clouds		10 Pm raining		10 Pm	

Gauge A at 10 A.M. 101½ mms 0.878 inches
" " " 4 P.M. 55 " 0.476 "

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1873phae.proj..37

SUNDAY, JULY 20, 1873.

	7	10	2	4	9 55
Barom.		29.940		29.932	
Att. Th.		63.9		75.1	
3235		69.7		75.8	
12 5 30		68.3		75.1	
No. 4	61.5	69.5		76.2	65.6
Min.		56.0 (69.0)			
Solar				148.0 (118.0)	
Max.		68.7 (68.6)			
Dry		70.0		76.1	
Wet		59.0		62.1	
Gauge C		* 0			
Wind		2 W		5 W	
Clouds		2 Rs		R R-Pm 6	

* At 4 P.M. July 19 Gauge C 0.465 inches

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MONDAY, JULY 21, 1873.

	7	10	2	4	9
Barom.	1	29.974		29.974	
Att. Th.		68.0		74.3	
3235		68.8	70.3	77.7	
12530		68.0	69.9	76.7	
No. 4	60.2	69.3	70.7	77.6	66.6
Min.		57.2 (68.1)			
Solar				42.8 (122.0)	
Max.		76.5 (68.6)			
Dry		69.8		78.2	
Wet		60.6		63.9	
Gauge		0			
Wind		4 e NW		~~5 @ NW~~	
Clouds		6 R R Pm Rm		4 Pm M 7 m	

Shooting star seen at 8h 46m PM

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TUESDAY, JULY 22, 1873.

	7	10	2	4	9
Barom.		30.217		30.168	
Att. Th.		67.7		75.1	
3235		75.0	80.7	81.7	
12530		73.9	79.4	80.8	
No 4	63.7	74.7	80.5	81.8	+
Min.		56.2 (74.2)			
Solar				144.0 (126.3)	
Max.		77.0 (74.0)			
Dry		75.8		82.1	
Wet		61.5		66.0	
Gauge C		0			
Wind		1 c NW		2 c W	
Clouds		1 St Fm Ro		3M Fm	

At 9 2/3 A.M. before wetting
Dry 75.8 Wet 74.4 No. 4 (74.9

+ No lead to the pencil. By the indentation of the paper noticed July 23, the record must have been 70.4.

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WEDNESDAY, JULY 23, 1873.

	7	10	2	4	9
Barom.		30.157		30.082	
Att. Th.		70.4		82.8	
3235		76.1	85.0	84.9	
12530		75.0	84.0	84.0	
No. 4	66.8	76.4	85.2	85.1	75.6
Min.		59.9 (75.4)			
Polar				148.9 (124.2)	
Max.		81.2 (74.9)			
Dry		77.0		85.3	
Wet		67.0		68.9	
Gauge C		0			
Wind		2° W		9° SW	
Clouds		8 R Rs		4 R R	

At 8 11/12 A.M.
Dry 75.1 Wet 74.1 No 4 74.5
At 9 3/4 A.M. before wetting
Dry 76.3 Wet 75.4 No 4 76.0

A little aurora about 9 P.M.; one faintly distinct streamer near the horizon below Polaris.

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THURSDAY, JULY 24, 1873.

	7	10	2	4	9
Barom.		29.948		29.908	
Att. Th.		75.8		79.8	
3235		81.0	85.1	84.0	
12530		80.1	84.6	83.0	
Sq. 4	72.2	81.4	85.6	84.4	74.7
Mign.		69.5 (80.2)			
Polar				149.0 (102.6)	
Max.		85.0 (80.0)			
Dry		81.7		84.7	
Wet		69.8		68.5	
Gauge C		0			
Wind		5 W		6 W	
Clouds		7 PtRRs Cm Fm		9 RRs Mn Fm	

At 6½ A.M.
Dry 79.8 Wet 79.0 No. 4 79.5
At 9 A.M. Nelson setting
Dry 82.1 Wet 81.2 No. 4 81.6

A few drops of rain about 7 A.M.

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1873phae.proj..37

FRIDAY, JULY 25, 1873.

	7	10	2	4	9
Barom.		30.067		29.974	
Att. Th.		73.3		79.0	
3235		75.2	76.1	77.5	
12530		74.0	75.5	76.4	
No. 4	69.3	75.2	76.1	77.2	73.3
Min.		62.9 (74.4)			
Solar				137.3 (119.0)	
Max.		85.3 (74.6)			
Dry		75.9		77.9	
Wet		63.1		67.7	
Gauge C		0			
Wind		5c E		5c E	
Clouds		9 Cu 7m thin		1 R haze R	

At 9¾ A.M. before wetting
Dry 75.0 Wet 74.0 No. 4 74.4

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SATURDAY, JULY 26, 1873.

	7	10	2	4	9
Barom.		30.030		30.006	
Attr Th.		76.4		82.4	
3235		85.0	90.0	88.4	
12530		84.1	89.2	87.7	
No. 4	77.2	85.4	90.3	88.7	76.3
Min.		70.1 (84.6)			
Solar				145.0 (126.0)	
Max.		85.0 (84.0)			
Dry		85.8		88.9	
Wet		75.0		73.9	
Gauge		0			
Wind		6 SW		13 SW	
Clouds		0 haze		2 B 7m haze	

At 9 ¼ A.M.
Dry 84.5 Wet 83.5 No. 4 83.6
At 9 ¾ A.M. before wetting
Dry 84.9 Wet 84.1 No. 4 84.1

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1873phae.proj .37

SUNDAY, JULY 27, 1873.

	7	10	2	4.50	9
Barom.	/	30.164		30.150	/
Att. Th.		77.0		76.9	
3205		74.1		74.3	
12530		73.5		72.9	
No. 4	73.3	74.5	81.3	73.6	72.3
Mean.		74.7 (73.0)			
Solar				147.2 73.2	
Max.		91.0 (75.0)			
Dry		74.9		74.2	
Wet		71.0		71.1	
Gauge C				72.0†	
Wind		3 SW			
Clouds		raining		raining	

Raining at 10 A M

† On inquiry July 28, it appears from the recollection of the Observer, W. Winlock, that the glass was not over half full, and that the reading should certainly be 27 instead of 72: this agrees with measurement by gauge A July 28

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1873phae.proj .37

MONDAY, JULY 28, 1873.

	7	10	2	4	9
Barom.		30.230		30.192	
Att. Th.		74.4		78.3	
3235		77.3	77.8	76.4	
12530		76.0	76.9	75.7	
No. 4	71.0	76.6	77.9	76.3	68.4
Min.		68.9 (76.5)			
Solar				133.9 (118.0)	
Max.		81.4 (76.7)			
Dry		78.8		77.0	
Wet		73.3		70.2	
Gauge C		01 ×			
Wind		0 calm		3e SE	
Clouds		10 Pm M 7m Rm		4 P R Rm Pm M	

× Measurement of gauge C yesterday 0.270 inches in all.
today 0.010 " 0.280

At 10 A.M. gauge A 29 7/8 ounces 0.256 inches

Fog came up suddenly about 5 P.M.
Evening foggy.

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1873phae.proj .37

TUESDAY, JULY 29, 1873.

	7	10	2	4	9
Barom.		30.094		30.014	
Att. Th.		75.6		81.0	
3235		78.7	85.2	82.9	
12530		77.8	84.9	82.0	
No. 4	72.5	79.0	85.7	83.1	70.2
Min.		68.0 (77.4)			
Solar				146.0 (94.6)	
Max.		79.8 (77.7)			
Dry		79.4		83.2	
Wet		74.0		75.0	
Gauge C		0			
Wind		8c SW		6c S	
Clouds		10 Pm Fm		8 Pm Fm NL Pc	

Gauge A at 10 P.M. 0¼ ounces 0.002 inches.

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1873phae..prc] .37

WEDNESDAY, JULY 30, 1873.

	7	10	12	4	9
Barom.		30.029		30.034	
Att. Th.		77.9		83.4	
3235		82.8	87.8	87.7	
1250		81.6	86.8	86.6	
No. 4	75.4	82.8	87.9	87.5	77.0
Min.		71.8 (82.0)		150.0 (121.9)	
Solar					
Max.		85.5 (82.0)			
Dry		83.8		88.0	
Wet		75.3		71.8	
Gauge C					
Wind		2e NW		1e W	
Clouds		4 M Fm Rm Rm Rs		3 M Fm	

At 9 1/3 A.M. 1
Dry 82.2 Wet 81.6 No. 4 81.6
At 9 3/4 A.M. before wetting
Dry 83.1 Wet 82.0 No. 4 82.5

Aurora with some streamers about 9 3/11 P.M.

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THURSDAY, JULY 31, 1873.

	7	10	2	4	9
Barom.	7	30.181		30.164	9
Att. Th.		76.3		81.0	
3235		81.6	82.0	80.0	
12530		80.5	81.0	78.7	
No. 4	71.0	81.6	82.0	80.6	74.4
Min.		66.0 (81.0)			
Solar				144.7 (124.2)	
Max.		87.2 (80.8)			
Dry		82.3		80.8	
Wet		69.6		69.0	
Gauge		0			
Wind		3e NE		4 SE	
Clouds		3 RRs		5 RRs	

At 9 11/12 A.M. before wetting
Dry 82.3 Wet 81.6 No. 4 81.6

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FRIDAY, AUGUST 1, 1873.

	7	10	2	4	9
Barom.		30.065		29.974	
Att. Th.		74.5		82.3	
3235		79.7	84.9	84.0	
12530		78.9	83.6	83.2	
No. 4	67.5	80.0	85.0	84.3	
Min.		63.1 (79.0)			
Solar				139.8 (92.3)	
Max.		83.7 (78.2)			
Dry		80.2		84.3	
Wet		72.0		74.4	
Gauge C		0			
Wind		8e S		14e S	
Clouds		10 Cu Fm		9 Cu Nm	
		Pr Ri a			
		little rain			

Thundershowers in the evening.

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SATURDAY, AUGUST 2, 1873.

	7	10	2	4	9 40
Barom.	/	29.972		29.935	/
Att. Th.		76.2		82.4	
3235		80.4	85.6	84.8	
125 30		79.6	84.5	84.3	
No. 4	72.5	80.6	85.6	84.9	75.3
Min.		68.2 (77.9)			
Solar				1483 (114.2)	
Max.		86.2 (78.4)			
Dry		81.4		84.4	
Wet		72.5		74.0	
Gauge C		65 1/2			
Wind		1c W		1c W	
Cloud		6 M 7m		4 M 7m Rs	

At 10 A.M. gauge A 78 1/4 ounces 0.677 inches

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1873phae_proj .37

SUNDAY, AUGUST 3, 1873.

	7	10	2	4	9
Barom.		29.916		29.800	
Att. Th.		77.1		83.8	
3235		83.2		81.0	
12-5-30		81.9		82.5	
No. 4	73.5	83.3	89.2	83.3	72.6
Min.		70.3 (72.3)			
Solar				142.0 (87.3)	
Max.		86.0 (83.0)			
Dry		84.0		81.8	
Wet		77.1		70.0	
Gauge C		0			
Wind		I S		15 W	
Clouds		I Ro		8 Mo. Pm	

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MONDAY, AUGUST 4, 1873.

	7	10	2	4	9
Barom.		30.120		30.167	
Att. Th.		73.5		78.3	
3235		74.0	77.6	77.1	
12530		72.9	76.6	76.2	
No. 4	67.4	73.9	77.8	77.2	66.9
Min.		64.5 (73.2)			
Solar				147.8 (117.8)	
Max.		88.9 (73.6)			
Dry		74.9		77.6	
Wet		64.5		62.2	
Gauge C		5			
Wind		2 N		5 NW	
Clouds		5 RRR		3 RRd 7m	

At 9¾ A.M. before wetting
Dry 74.0 Wet 73.0 No. 4 73.2)

At 10 A.M. gauge A 6⅜ ounces 0.055 inches.

Aurora suspected at about 9½ P.M. Mr. [illegible] bright.

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TUESDAY, AUGUST 5, 1873.

	7	10	2	4	9
Barom.		30.311		30.290	
Att. Th.		69.8		73.8	
3235		72.0	72.7	70.5	
12530		71.2	71.4	69.6	
No. 4	61.0	72.3	72.2	70.4	62.3
Min.		56.4 (71.3)			
Solar				143.0 (116.4)	
Max.		77.7 (71.8)			
Dry		72.8		71.0	
Wet		62.0		57.9	
Gauge C					
Wind		S° E		6² SE	
Clouds		3 M fm		2 M fm	

At 9 A.M.
Dry 70.1 Wet 69.0 No. 4 69.1
At 9½ A.M. before wetting
Dry 71.6 Wet 70.5 No. 4 70.7

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WEDNESDAY, AUGUST 6, 1873.

	7	10	2	4	9
Barom.		30.280		30.217	
Att. Th.		67.4		75.7	
3235		73.4	79.8	79.4	
12530		72.4	78.9	78.7	
No. 4	61.2	73.3	79.9	79.8	69.3
Min.		54.3 (72.9)			
Solar				141.5 (89.9)	
Max.		73.4 (72.8)			
Day		74.5		79.9	
Wet		64.8		67.0	
Gauge		0			
Wind		2c S		1c SW	
Clouds		0 haze		10 Pn M 7m Rs	

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THURSDAY, AUGUST 7, 1873.

	7	10	2	4	9
Barom.		30.020		29.941	
Att. Th.		71.8		77.1	
3255		74.9	81.4	81.0	
12530		73.9	80.8	80.1	
No. 4	67.8	75.1	82.0	81.4	65.7
Min.		63.8 (74.0)			
Solar				133.8 (94.7)	
Max.		80.4 (74.2)			
Dry		75.7		81.7	
Wet		67.4		70.4	
Gauge C		0			
Wind		8 SW		9 SW	
Clouds		10 Pm 7m		9 Pm 7m	

A few drops of rain at times

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FRIDAY, AUGUST 8, 1873.

	7	10	2	4 3 2/3	9
Barom.		29.92.2		29.872	
Att. Th.		75.6		79.9	
.3235		78.7	83.6	82.9	
12530		77.8	82.5	82,1	
No. 4	69.7	78.6	83.7	83,2	73.2
Min.		65.4 (78.0)			
Solar				147.8 (110.0)	
Max.		81.4 (78.0)			
Dry		79.5		83,2	
Wet		69.2		69,4	
Gauge		0			
Wind		5e NW		8.e SW	
Clouds		1 M Fm		5 Rm M Fm	

At 9½ A.M.
Dry 78.0 Wet 77.1 No 4 77.2
At 9¾ A.M. before wetting
Dry 79.2 Wet 78.2 No. 4 78.4

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SATURDAY, AUGUST 9, 1873.

	7	10	2	4	9
Baromr.		30.048		30.034	
Att. Thr.		70.8		77.4	
3235		74.5		80.0	
12530		70.6		79.0	
No 4	64.3	74.5	78.8	80.4	69.3
Mingr		61.3 (74.7)			
Solar				150.0 (100.4)	
Max.		~~74.7~~ 84.0 (74.9)			
Dry		75.0		80.6	
Wet		59.8		63.9	
Gauge C		10			
Wind		N		7 W	
Clouds		1R		4 Pm Fm	

Several very bright meteors quite low down seen between 9 and 10 o'clock P.M.

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SUNDAY, AUGUST 10, 1873.

	7	10	2	4	9
Barom.	1	30.182		30.174	9
Att. Th.		62.1		74.6	
3235		72.4		73.5	
125-30		71.1		73.8	
No. 4	63.8	72.0	75.7	73.9	62.8
Min.		56.0 (71.5)			
Solar				143.0 (124.0)	
Max.		80.0 (71.5)			
Dry		78.0		73.7	
Wet		58.0		60.0	
Gauge C		0			
Wind		1 N N W		1 N N W	
Clouds		1 R. R.		1 R. R.	

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MONDAY, AUGUST 11, 1873.

	7½	10	2	4	9
Barom.				30.212	
Att. Th.				72.5	
3235			71.2	68.8	
12530			70.6	67.9	
No. 4	64.5		71.3	68.7	
Min.				54.5 (68.0)	
Polar				142.3 (11 07)	
Max.				75.4 (6.90)	
Dry				69.3	
Wet				56.9	
Gauge C				0	
Wind				S. E	
Clouds				1 RR, haze	

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TUESDAY, AUGUST 12, 1873.

	7	10	2	4	9
Barom.	7	30.276		30.264	9
Att. Th.		67.2		72.1	
3235		69.7	69.0	67.6	
12530		68.8	68.4	66.8	
No. 4	61.0	69.8	68.7	67.4	61.0
Min.		58.0 (68.9)		138.8 (108.4)	
Solar					
Max.		69.0 (69.0)			
Dry		70.4		68.3	
Wett		56.5		59.9	
Gauge		0			
Wind		3e SE		4e E	
Clouds		4 Fm N Rs haze		1 Fm Rs	

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WEDNESDAY, AUGUST 13, 1873.

	7	10	2	4	9
Barom.		30.266		30.252	
Att. Th.		65.6		69.3	
3235		67.0	67.0	65.9	
12530		66.0	66.4	65.0	
No. 4		67.0	67.2	65.8	68.0
Min.		53.0 (66.6)			
Polar				13 67 (73.2)	
Max.		71.2 (67.3)			
Dry		68.6		66.6	
Wet		60.7		59.9	
Gauge C					
Wind		11e NE		13 E	
Clouds		8 Rs Rs M 7m		10 Rs 7m	

At 9¼ A.M.
Dry 67.0 Wet 65.6 No. 4 65.9
At 9¾ A.M. before wetting
Dry 67.1 Wet 65.8 No. 4 66.2

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THURSDAY, AUGUST 14, 1873.

	7	10	2	4	9
Barom.	/	30.106		30.023	/
Att. Th.		66.5		67.0	
3235		61.8	61.8	62.0	
12530		61.0	61.0	61.2	
No. 4	60.5	61.8	61.7	62.0	61.0
Min.		60.9 (61.1)			
Solar				75.2 (64.8)	
Max.		68.4 (61.2)			
Dry		62.6		63.0	
Wet		60.5		61.5	
Gauge C		6			
Wind		12° N		16° NE	
Clouds		10 Pm 7m		10 Pm	
		some rain		raining	

At 10 A.M. gauge A 8 ounces 0.069 inches
" 4½ P.M. " " 141½ " 1.224 "
" — " — " — " C 122½ 1.225 "

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FRIDAY, AUGUST 15, 1873.

	7	10	2	4	9
Baromr.		29.958		29.950	
Att. Th.		65.4		68.0	
3235		62.7	65.6	67.9	
12530		62.0	65.0	66.6	
No. 4	60.0	63.3	67.0	67.9	63.6
Min.		58.0 (62.6)			
Solar				97.5 (75.0)	
Max.		62.2 (62.0)			
Dry		64.4		68.8	
Wet		61.5		64.7	
Gauge C		× 9 5½			
Wind		5 NE		0 calm	
Clouds		10 Pm		10 Pm	

× Gauge C at 4½ P.M. Aug. 14 1.225 inches
" 10 A.M. " 15 0.955 "
Diff 2.180 "

Gauge A at 10 A.M. 111¼ ounces 0.962 "

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SATURDAY, AUGUST 16, 1873.

	7	10	2	4	9
Barom.	/	29.888		29.852	/
Att. Th.		68.3		76.9	
3235		73.1	80.8	80.9	
12530		71.6	79.3	79.4	
No. 4	69.6	73,6	80.7	80.9	72.9
Min.		61.2 (72.5)			
Solar				145.0 (166)	
Max.		72.6 (71.8)			
Dry		74.2		81.7	
Wet		69.1		71.0	
Gauge C		0			
Wind		5e SW		4e SW	
Clouds		10 Cu Sm		6 M Sm	

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SUNDAY, AUGUST 17, 1873.

	7	10	2	4	9
Barom.				30.192	
Att. Th.				73.8	
3235				*73.9	
12530				71.8	
No. 4	64.0		74.3	72.9	63.5
Min.				62.5 / 72.0	
Polar				139.1 (113.9)	
Max.				81.9 (78.0)	
Dry				74.3	
Wet				61.9	
Gauge				/	
Wind				1 E	
Clouds				4 Tr Tr S	

* Dewy 72.9?

Apparently auroral light among
clouds about 9 P.M.

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MONDAY, AUGUST 18, 1873.

	7	10	2	4	9
Barom.	1	30.298		30.230	9
Att. Th.		68.4		69.7	
3235	*	67.5	67.9	64.8	
12530		66.6	66.1	64.0	
No. 4	62.2	67.5	66.9	64.6	62.6
Min.		60.2 (66.8)			
Solar				113.5 (65.9)	
Max.		68.6 (67.4)			
Dry		68.5		65.2	
Wet		59.3		60.6	
Gauge C		*0			
Wind		5c E		6c E	
Clouds		10 Pm Nim		10 Pm Raining	

*Gauge C at 4 P.M. Aug. 17 0.01 in
Gauge A at 10 A.M. Aug. 18 41 divisions of measuring glass
1¼ ounces 0.011 inches

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TUESDAY, AUGUST 19, 1873.

	7	10	2	4	9
Barom.		30.090		30.072	
Att. Th.		67.6		72.8	
3235		63.4	72.3	75.5	
12530		62.8	71.4	75.0	
No. 4	61.0	63.4	*74.3	*77.0	
Min.		60.0 (62.8)			
Solar		9		145.2 (94.5)	
Max.		67.9 (62.8)			
Dry		64.7	*75.0	77.4	
Wet		62.5		72.1	
Gauge C		106 1/2			
Wind		5c N		3c S	
Clouds		10 Pm		10 Pm Fm	

Gauge A at 10 1/4 A.M. 123 ounces 1.064 inches

* Difference in thermometers carefully verified: very unusual.

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WEDNESDAY, AUGUST 20, 1873.

	7	10	2	4	9½
Barom.		30.216		30.214	
Att. Th.		69.0		72.2	
3235		68.4	71.5	69.7	
12530		67.2	70.3	68.8	
No. 4	63.6	68.1 (67.8)	71.5	69.4	64.7
Min.		61.0			
Solar				126.4 (82.0)	
Max.		76.3 (68.3)			
Dry		69.0		70.0	
Wet		65.8		64.6	
Gauge		0			
Wind		5c E		6c E	
Clouds		10 Pm fog		10 Pm Fair	

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THURSDAY, AUGUST 21, 1873.

	7	10	2	4	9
Barom.		30.283		30.238	
Att. Th.		66.2		68.0	
3235		66.5	65.1	66.1	
12530		65.8	64.1	65.2	
No. 4	60.5	66.4	65.0	66.1	64.2
Min.		57.0 (65.9)			
Solar				100.6 (76.0)	
Max.		71.17 (66.5)			
Dry		67.3		67.1	
Wet		62.6		63.4	
Gauge C		0			
Wind		4e E		4e E	
Clouds		10 Cu Rs a little rain		10 Cu Fm	

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FRIDAY, AUGUST 22, 1873.

	7	10	2	4	9
Barom.		30.152		30.104	
Att. Th.		67.9		69.3	
3235		64.5	66.8	*67.4	
12530		63.5	65.8	67.2	
No 4	63.2	64.4	66.6	68.6	67.0
Min.		61.6 (63.8)			
Solar				100.5 (78.1)	
Max.		66.6 (63.7)			
Dry		65.3		69.4	
Wet		63.5		66.3	
Gauge C		33 3/10			
Wind		2 SE		2 N	
Clouds		10 Pm mist raining		10 Pm	

At 10 A.M. Gauge A 39 3/4 ounces 0.344 inches

* Drop of water on bulb

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SATURDAY, AUGUST 23, 1873.

	7	10	2	4	9
Barom.		30.057		30.000	
Att. Th.		69.5		76.8	
3235		75.2	80.0	69.3	
12530		74.6	79.6	68.4	
No. 4	66.5	75.4	80.1	69.3	
Min.		63.9 (74.8)			
Solar				145.0 (70.6)	
Max.		74.0 (73.6)			
Dry		76.3		70.9	
Wet		71.1		67.5	
Gauge C		40		26	
Wind		3 NW		1 NE	
Clouds		5 M 7m haze		10 Pm M 7m	

At 10 A. M. gauge A 45¾ ounces 0.396 inches

Thunder showers 2 to 4 P. M.

At 4¼ P. M. Gauge A 32 ounces 0.277 inches

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SUNDAY, AUGUST 24, 1873.

	7	10	2	4	9
Barom.		29.998		29.930	
Att. Th.		62.0		65.4	
3235		59.0		64.1	
12530		57.8		63.3	
No. 4	52.5	58.2	64.9	64.0	56.9
Min.		49.8 (57.9)			
Solar				131.0 (102.0)	
Max.		81.0 (59.8)			
Dry		59.8		64.9	
Wet		50.0		52.2	
Gauge C		*2			
Wind		15 N W		W 15	
Clouds		1 F M		1 F M.	

* Gauge C at 4½ P.M. Aug. 23 0.260 inches
10 A.M. " 24 0.020 "
In all 0.280 "

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1873phae.proj.37

MONDAY, AUGUST 25, 1873.

	7	10	2	4	9
Barom.		29.916		29.860	
Att. Th.		61.6		70.9	
3235		65.1	72.6	72.9	
12530		64.3	71.3	72.0	
No. 4	57.2	64.9	72.3	73.0	62.8
Min.		52.9 (64.5)			
Solar				137.3 (104.9)	
Max.		64.7 (64.6)			
Dry		66.1		73.6	
Wet		56.2		61.9	
Gauge C		0			
Wind		4e N		5e W	
Clouds		0		4M 7m Pm R	

Gauge A at 10 A. M. $2\frac{5}{8}$ ounces 0.023 inches

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TUESDAY, AUGUST 26, 1873.

	7	10	2	4	9
Barom.		29.893		29.921	
Att. Th.		64.1		69.3	
3235		63.8	67.5	65.9	
12530		62.7	66.5	65.0	
No. 4	56.8	63.7	67.4	65.7	58.2
Min.		53.0 (63.1)			
Solar				140.9 (101.2)	
Max.		72.6 (63.8)			
Dry		65.0		66.2	
Wet		57.5		58.6	
Gauge C		0			
Wind		7° N		7° SE	
Clouds		9 Pm 7m		1 M 7m Rs	

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WEDNESDAY, AUGUST 27, 1873.

	7	10	2	4	9
Barom.		30.136		30.151	
Att. Th.		62.8		68.7	
3235		63,1	65.7	66.0	
12530		62.2	65.0	65.2	
No 4	57.4	62.8	65.5	66.0	
Min.		50.3 (62.3)			
Solar				135.6 (101.2)	
Max.		67.6 (63.0)			
Dry		64,3		66.6	
Wet		54.8		56.4	
Gauge		0			
Wind		7e N		4e SE	
Clouds		0 M		0 hazy	

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THURSDAY, AUGUST 28, 1873.

	7	10	2	4	9
Barom.		30.310		30.299	
Att. Th.		63.6		72.3	
3235		68.0	73.8	73.5	
12530		66.8	73.1	72.8	
No. 4	59.0	67.4	74.0	73.6	61.4
Min		51.8 (67.2)			
Solar				142.3 (98.8)	
Max.		67.3 (67.2)			
Dry		69.0		74.1	
Wet		60.9		61.0	
Gauge		0			
Wind		2c N		6. S	
Clouds		3 R R		7 RRR	

At 9⅓ A.M.
Dry 66.8 Wet 65.6 No. 4 65.0
At 9⅔ A.M. before wetting
Dry 68.4 Wet 67.0 No. 4 67.8

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FRIDAY, AUGUST 29, 1873.

	7	10	2	4	9
Barom.		30.378		30.321	
Att. Th.		63.3		74.0	
3235		70.0	76.1	74.8	
12530		69.0	75.3	74.1	
No. 4	57.3	70.2	76.1	75.1	62.3
Min.		62.5 (69.3)			
Solar				143.8 (98.0)	
Max.		74.4 (69.4)			
Dry		71.4		75.3	
Wet		64.8		63.4	
Gauge		a			
Wind		0° S		7° S	
Clouds		5 PtK Rm Pm		5 PtK R R Rm	

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SATURDAY, AUGUST 30, 1873.

	7	10	2	4	9
Barom.	/	30.200		30.090	/
Att. Th.		67.0		76.3	
3235		71.4	77.5	79.0	
12530		70.5	77.0	78.0	
No. 4	67.5	71.9	78.0	79.2	70.1
Min.		59.0 (70.5)			
Solar				139.4 (112.0)	
Max.		75.8 (70.4)			
Dry		72.4		79.9	
Wet		68.4		70.6	
Gauge C		3 6/10			
Wind		4 SW		6 SW	
Clouds		10 Pm 7m		6 M 7m Pm R	

A little rain early.
Gauge A at 10 A.M. 45 divisions of glass
5 1/8 ounces ; 0.042 inches

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SUNDAY, AUGUST 31, 1873.

	7	20	2 30	4	9
Barom.		30.000		29.938	
Att. Th.		71.0		74.9	
3235		75.7		76.2	
12530		74.8		75.4	
No. 4	69.2	76.0	78.2	76.7	
Min.		63.9 (74.9)			
Solar				121.0 (82.9)	
Max.		78.9 (73.7)			
Dry		76.6		77.0	
Wet		76.6		70.8	
Gauge		0		4 3/4	
Wind		1 SW		1/2 SW	
Clouds		9 PM		10 PM	

Shower about 2 P.M.

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MONDAY, SEPTEMBER 1, 1873.

	7	10	2	4	9
Barom.		29.851		29.648	
Att. Th.		69.9		75.0	
3235		69.1	76.9	80,0	
12530		68.0	75.4	79.2	
No. 4	67.5	69.0	77.0	80.4	65,8
Min.		62.0 (68.2)			
Solar				131.8 (95.0)	
Max.		80.2 (68.7)			
Dry		69.9		80.8	
Wet		63.6		74.3	
Gauge C		*0			
Wind		7° E		9° S W	
Clouds		4 haze Pm		6 Pm M	
		Fm Rs		Fm Rs	

At 10 A. M. gauge A 49 divisions of glass, $5\frac{9}{10}$ ounces ; 0.048 inches.

× At 4 P.M. Aug. 31 0.048 inches

Thunder Shower 5 to 5½ P.M. ; rainbow a few minutes after shower

At 6 P.M. gauge A 77 ounces ; 0.666 inches

" " C 77 0.660 inches

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TUESDAY, SEPTEMBER 2, 1873.

	7	10	2	4	9
Barom.		29.848		29.828	
Att. Th.		65.4		72.0	
3235		67.0	71.1	71.9	
12530		65.9	70.8	71.0	
No. 4	65.0	66.8	71.5	71.7	62.6
Min.		58.8 (66.3)		1370 (92.0)	
Solar					
Max.		79.6 (66.7)			
Dry		67.8		72.5	
Wett		58.3		57.7	
Gauge C		× 0			
Wind		15e SW		13e W	
Clouds		1 M 7m		1 M 7m	

+ At 6 P.M. Sept. 1 gauge C 0.660 inches

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WEDNESDAY, SEPTEMBER 3, 1873.

	7	10	2	4	9
Barom.		30.120		30.083	
Att. Th.		64.7		71.8	
3235		67.7	71.2	72.0	
12530		66.9	70.2	71.1	
No. 4	57.8	67.7	71.4	72.2	62.3
Min.		54.2 (66.7)			
Solar				130.9 (90.0)	
Max.		71.4 (67.2)			
Dry		68.6		72.7	
Wet		57.4		60.1	
Gauge		0			
Wind		9 NW		4 SW	
Clouds		7 PtRs Rain		7 PtRs	

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THURSDAY, SEPTEMBER 4, 1873.

	7	10	2	4	9
Barom.		29.978		29.828	
Att. Th.		64.6		70.9	
3235		64.6	73.8	75.9	
12530		63.8	73.2	75.2	
No. 4	61.2	64.6	74.6	76.1	
Min.		55.1 (63.8)			
Solar				106.9 (81.0)	
Max.		72.7 (63.15)			
Dry		65.4		76.6	
Wet		63.9		71.8	
Gauge C		35			
Wind		4e SE		17e SW	
Clouds		10 Pm; raining		10 Pm fm	

At 10 A.M. gauge A 41/2 ounces 0.359 inches

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FRIDAY, SEPTEMBER 5, 1873.

	7	10	2	4	9
Barom.		29.852		29.830	
Att. Th.		78.1		84.4	
3235		80.8	84.9	83.3	
12530		79.9	84.0	82.7	
No. 4	74.0	80.5	84.8	83.3	68.9
Min.		68.7 (80.0)			
Solar				142.0 (100.8)	
Max.		80.0 (79.8)			
Dry		81.6		84.0	
Wet		75.0		71.0	
Gauge C		2 1/10			
Wind		2c SW		10c SW	
Clouds		2 M 7m Pm		4 Pt Pm M Rs 7m	

At 10 A.M. gauge A 25 ounces 0.216 inches

Thunderstorm 7 P.M.

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1873phae.proj .37

SATURDAY, SEPTEMBER 6, 1873.

	7	10	2	4	9
Baron.		30.190		30.190	
Att. Th.		67.3		67.7	
3235		61.8	66.1	65.8	
12530		60.9	65.2	65.0	
No. 4	49.2	61.5	66.0	65.6	
Min.		55.0 (61.0)		138.9 (87.3)	
Solar					
Max.		84.0 (62.0)			
Dry		62.6		66.4	
Wet		53.0		53.4	
Gauge C		10 2/10			
Wind		10c NW		5c N	
Clouds		10 M fm		0	

At 9 3/4 A.M. before wetting
Dry 62.6 Wet 61.1 No. 4 61.5

Gauge A at 10 A.M. 12 ounces 0.1044 ounces

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SUNDAY, SEPTEMBER 7, 1873.

	7	10	2	4	9
Barom.				30.280	
Att. Th.				63.6	
8235				61.7	
12530				59.9	
No. 4	60.3		64.9	60.1	57.0
Min.				43.8 (60.7)	
Solar				135.0 (84.9)	
Max.				65.9 (64.0)	
Dry				64.2	
Wet				58.9	
Gauge C					
Wind				1 E.S.E.	
Clouds				M. PM. 7M 8	

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1873phae.proj .37

MONDAY, SEPTEMBER 8, 1873.

	7	10	2	4	9
Barom.		30.272		30.354	
Att. Th.		63.8		68.6	
8235		64.8	66.1	65.2	
12530		64.0	65.6	64.8	
No. 4	62.5	64.8	66.1	65.3	56.9
Min.		56.0 (64.0)			
Solar				135.0 (78.2)	
Max.		64.8 (64.4)			
Day		65.8		66.0	
Wet		57.8		54.9	
Gauge C		4 2/10			
Wind		7 NW		4 N	
Clouds		8 Cm M Ro		9 R Rn	
		Fm		M Fm	

At 10 A.M. gauge A $5\frac{7}{8}$ ounces 0.051 inches

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TUESDAY, SEPTEMBER 9, 1873.

	7	10	2	#5 1/3	9
Barom.		30.478		30.422	
Att. Th.		59.6		65.3	
3235		61.4	64.6	61.0	
12530		60.7	63.6	60.5	
No. 4	46.5	61.1	64.4	60.8	52.0
Min.		45.7 (60.7)		133.0 (57.2)	
Solar					
Max.		66.7 (61.2)			
Dry		62.7		61.7	
Wet		55.0		53.5	
Gauge C		0			
Wind		0 N		5 SE	
Clouds		1 M 7m		1 Rs 7m	

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WEDNESDAY, SEPTEMBER 10, 1873.

	7	10	2	4	9
Bgrom.		30.387		30.334	
Att. Th.		58.6		63.5	
3235		60.0	60.9	60.8	
12530		59.4	60.6	60.0	
No. 4	46.2	59.9	60.6	60.5	58.9
Min.		43.7 (59.2)			
Solar				136.0 (70.2)	
Max.		64.3 (59.7)			
Dry		61.0		61.4	
Wet		54.0		56.0	
Gauge C		0			
Wind		8° NE		5° E	
Clouds		7 Pm M 7m Pc Rs		10 Pm 7m	

At 9 5/12 A.M.
Dry 60.7 Wet 59.2 No. 4 59.4
At 9 1/4 A.M. before wetting
Dry 61.0 Wet 59.5 No. 4 59.8

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THURSDAY, SEPTEMBER 11, 1873.

	7	10	2	4	9
Barom.		30.228		30.140	
Att. Th.		63.8		67.1	
3235		62.0	65.0	63.2	
12530		61.0	64.2	62.2	
No. 4	57.2	62.0	65.0	63.0	54.8
Min.		56.2 (61.2)			
Solar				125.5 (78.0)	
Max.		61.8 (61.7)			
Dry		63.0		64.1	
Wet		57.7		56.2	
Gauge C		0			
Wind		4° N		5° SE	
Clouds		10 Pm M 7m		0 haze	

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FRIDAY, SEPTEMBER 12, 1873.

	7	10	2	4	9
Baron.		30.068		30.014	
Att. Th.		60.2		71.0	
3235		68.1	76.0	75.1	
12530		66.9	75.3	74.6	
No. 4	54.0	67.5	76.0	75.1	60.9
Min.		51.2 (67.3)			
Solar				131.0 (89.0)	
Max.		67.5 (67.2)			
Dew		69.9		76.0	
Wet		64.4		66.3	
Gauge C		0			
Wind		3e S		5e S	
Clouds		0 haze		0 haze N 7m	

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SATURDAY, SEPTEMBER 13, 1873.

	7	10	2	4	9
Barom.		29.885		29.783	
Att. Th.		62.5		70.8	
3235		67.0	76.6	75.7	
12530		65.9	75.8	75.0	
No. 4	57.2	67.1	76.1	75.7	66.3
Min.		53.8 (64.2)			
Solar				137.8 (89.0)	
Max.		75.9 (66.4)			
Dry		68.4		76.2	
Wet		64.0		65.6	
Gauge C		0			
Wind		1 S		8 SW	
Clouds		10 Pm 7m		1 Pm Rs	

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SUNDAY, SEPTEMBER 14, 1873.

	7	10	2	4	9
Barom.		29.9020		29.934	
Att. Th.		64.2		63.1	
3235		56.0		57.3	
12530		54.3		56.3	
No. 4	54.0	54.9	55.8	*59.6	48.0
Min.		53.0 (53.9)			
Solar				89.0 (66.0)	
Max.		76.0 (55.1)			
Dry		55.8		58.0	
Wet		52.9		51.7	
Gauge C		7		4	
Wind		1 N W		½ N W	
Clouds		raining			

*?

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MONDAY, SEPTEMBER 15, 1873.

	7	10	2	4	9
Barom.		30,200		30.151	
Att. Th.		55,4		61.0	
3235		52,6	59,5	57.0	
12530		51.7	58.9	55.9	
No. 4	42.5	52.0	59.0	56.5	49.0
Min.		40.9. (51.7)			
Solar				130.0 (75.0)	
Max.		56.7 (52,8)			
Dry		53.4		57.8	
Wet		46.6		51,0	
Gauge C		*0			
Wind		3e N		5e SE	
Clouds		2 M 7m		6 R. M 7m	

Gauge A at 10 A.M. 10 3/4 ones 0.093 inches

*Gauge C 0¼ at 4 P.M. Sept. 14

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TUESDAY, SEPTEMBER 16, 1873.

	7	9	2	4	9
Barom.		30014			
Att. Th.		56.9			
3235		61.0			
12530		60.0			
No. 4	52.2	61.0			58.4
Min.		45.9 (60.2)			
Solar					
Max.		60.3 (60.2)			
Dry		62.0			
Wett		56.9			
Gauge		1			
Wind		12 S W			
Clouds		8 Pm M Fm			

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WEDNESDAY, SEPTEMBER 17, 1873.

	7	10	2	4	9
Barom.					
Att. Th.					
3235					
12530					
No. 4	57.3				52.0
Min.					
Solar					
Max.					
Dry					
Wet					
Gauge					
Wind					
Clouds					

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THURSDAY, SEPTEMBER 18, 1873.

	7	10	2	4	9
Barom. Att. Th.					
32 35					
125 30					
No. 4	59.4				61.9
Min.					
Solar					
Max.					
Dry					
Wet					
Gauge C					
Wind					
Clouds					

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FRIDAY, SEPTEMBER 19, 1873.

	7	10	2	4	9
Barom.					
Att. Th.					
3235					
12530					
No. 4	64.5				63.9
Min.					
Solar					
Max.					
Dry					
Wet					
Gauge					
Wind					
Clouds					—

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SATURDAY, SEPTEMBER 20, 1873.

	7	10	2	4	9
Barom.		29.725		29.781	
Att. Th.		61.4		64.3	
3235		55.9	60.9	59.7	
12530		55.1	60.0	59.0	
No. 4	51.3	55.8	60.3	59.3	48.9
Min.		43.9 (55.0)			
Solar				133.2 (74.2)	
Max.		71.6 (55.8)			
Dry		56.8		60.2	
Wet		47.0		47.7	
Gauge C		9 8 10			
Wind		10° NW		8° NW	
Clouds		10 Pm Pa 7m		3 M 7m R	

At 1 P.M. gauge A 124¼ revs 1.075 inches

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SUNDAY, SEPTEMBER 21, 1873.

	7	10	2	4.25	9
Barom.		30.238		30.276	
Att. Th.		49.8		62.3	
3235		53.3		59.1	
12530		52.3		58.3	
No. 4	45.7	52.8	58.8	59.0	50.1
Min.		40.9 (52.5)			
Solar				128.0 (78.0)	
Max.		60.1 (54.9)			
Dry		58.9		60.0	
Wet		45.0		49.5	
Gauge		0			
Wind		1 N W		½ S W	
Clouds		0		0	

Faint auroral arch about 7½ P.M.

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MONDAY, SEPTEMBER 22, 1873.

	7	10	2	4	9
Barom.		30.410		30.350	
Att. Th.		55.4		61.6	
3235		56.6	59.2	58.0	
12 5 30		55.8	58.7	57.2	
No. 4	40.0	56.5	59.0	57.7	46.6
Min.		38.0 (55.8)			
Solar				133.2 (74.0)	
Max.		59.0 (56.2)			
Dry		58.7		58.7	
Wet		46.3		48.7	
Gauge C		0			
Wind		4 NE		7 SE	
Clouds		9 R K M haze		1 Pm fm M R K R	

Some aurora about 8 P.M.

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TUESDAY, SEPTEMBER 23, 1873.

	7	10	2	4	9
Barom.		30.161		30.064	
Att. Th.		56.3		61.2	
3235		56.3	61.8	61.0	
12530		55.7	60.4	60.1	
No. 4	48.8	56.1	61.7	60.9	
Min.		43.0 (55.4)			
Solar				40.5 (65.0)	
Max.		59.3 (56.2)			
Dry		57.2		61.8	
Wet		54.1		57.8	
Gauge C		0			
Wind		6e E		3e E	
Clouds		10 Pm		10 Pm	

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1873phae.proj .37

WEDNESDAY, SEPTEMBER 24, 1873.

	7	10	2	4	9
Baron.		29.940		29.979	
Att. Th.		62.2		64.6	
3235		59.0	65.5	65.9	
12530		58.4	64.8	65.1	
No. 4	57.5	59.0	65.4	64.7	
Min.		55.4 (58.0)			
Solar				97.0 (72.9)	
Max.		62.0 (58.3)			
Dry		59,8		66,8	
Wet		57.7		60,0	
Gauge C		55			
Wind		4° NE		2° NE	
Clouds		10 Pm		6 Pm Fair	

At 10 A.M. gauge A 64 3/4 ounces 0.560 inches

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1873phae.proj .37

THURSDAY, SEPTEMBER 25, 1873.

	7	10	2	4	9
Barom.		30.150		30.090	
Att. Th.		59.2.		65.0	
3235		59.6	60.7	60.0	
12530		58.3	59.9	59.1	
No. 4	49.3	59.2	60.2	59.7	55.3
Min.		46.7 (58.6)			
Solar				131.6 (72.7)	
Max.		65.4 (59.0)			
Dry		61.0		60.7	
Wet		56.1		55.5	
Gauge C		0			
Wind		3c E *		5c E	
Clouds		4 Rm Pr 7m		2 Pr Rs Rm	

* 10½ A.M.

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1873phae..proj..37

FRIDAY, SEPTEMBER 26, 1873.

	7	10	2	4	9
Barom.		30.181		30.191	
Att. Th.		62.1		68.4	
3235		66.7	71.1	70.9	
12530		65.8	70.1	70.0	
No. 4	58.0	66.0	70.6	70.0	58.1
Min.		54.1 (65.8)			
Solar				138.8 (83.0)	
Max.		65.8 (65.8)			
Dry		67.6		71.5	
Wet		59.2		58.3	
Gauge		0			
Wind		3 NW		2 NW	
Clouds		0 Fm		0 Rs	

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1873phae.proj .37

SATURDAY, SEPTEMBER 27, 1873.

	7	10	2	4	9
Barom.	/	30.234		30.165	
Att. Th.		69.3		71.0	
3235		66.4	76.0	76.2	
12530		65.4	75.0	75.3	
No. 4		65.9	75.8	76.2	
Min.		48.2 (65.8)			
Solar				138.5 (87.0)	
Max.		70.7 (65.2)			
Dry		67.6		77.0	
Wet		61.5		68.7	
Gauge C		0			
Wind		7 SW		7 SW	
Clouds		0		0	

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1873phae..proj..37

SUNDAY, SEPTEMBER 28, 1873.

	7	10	2	4	9
Barom.		30.150		30.048	
Att. Th.		68.3		76.0	
3235		75.0		81.8	
12530		73.6		80.9	
No. 4	63.4	74.3	82.3	82.4	(68.0)
Mon.		61.9 (74.0)			
Solar				142.7 (92.5)	
Max.		75.9 (73.0)			
Dry		76.1		82.3	
Wet		69.9		70.9	
Gauge C					
Wind		N 3/4		SW 1	
Clouds		1 PCm		1 Rs	

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1873phae.proj .37

MONDAY, SEPTEMBER 29, 1873.

	7	10	2	4	9
Barom.		29.913		29.772	
Att. Th.		69.8		73.6	
3235		72.9	75.9	75.6	
12530		72.1	75.0	74.8	
No. 4	67.5	73.0	76.2	75.6	71.9
Min.		62.4 (72.0)			
Solar				130.3 (85.0)	
Max.		82.0 (71.8)			
Dry		73.8		76.1	
Wet		68.1		69.8	
Gauge		0			
Wind		4 S		17 S W	
Clouds		10 Pm Fm.		4 Pm R Fm Rs	

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1873phae.proj .37

TUESDAY, SEPTEMBER 30, 1873.

	7	10	2	4	9
Barom.		29.990		30.052	
Att. Th.		65.1		66.1	
3235		55.6	57.5	56.4	
12530		54.9	56.7	55.9	
No. 4	53.8	55.3	57.5	56.3	
Min.		52.2 (54.8)			
Solar				123.5 (70.7)	
Max.		76.5 (57.0)			
Dry		56.4		57.0	
Wet		48.4		46.8	
Gauge C		18 2/10			
Wind		10 N		9 NW	
Clouds		10 Pm R		6 Fm	

Gauge A at 10¼ A.M. 23⅛ ounces 0.200 inches

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1873phae.proj .37

WEDNESDAY, OCTOBER 1, 1873.

	7	10	2	4	9
Barom.		30.184		30.119	
Att. Th.		54.9		63.3	
3235		51,5	58,4	57,1	
12530		50.4	57.7	56.3	
No. 4	39.0	51.0	58.0	56.8	49.1
Min.		37.3 (50.5)			
Solar				122.7 (65.7)	
Max.		57.0 (51.7)			
Dry		52.8		57.7	
Wet		46.0		50.1	
Gauge C		0			
Wind		0° N		3° SE	
Clouds		1 M 7m		2 M 7m	

At 9 A.M.
Dry 48.3 Wet 46.8 No.4 46.7
At 9¾ A.M. before wetting
Dry 52.0 Wet 50.6 No.4 50.2

3

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1873phae..proj..37

THURSDAY, OCTOBER 2, 1873.

	1	10	2	4	9
Baron.		30.234		30.194	
Att. Th.		55.4		63.0	
3235		55.0	60.7	60.5	
12530		55.0	60.0	59.8	
No. 4	42.0	55.0	60.1	60.0	
Min.		44.0 (55.0)			
Solar				126.3 (70.0)	
Max.		58.4 (55.5)			
Dry		56.4		61.1	
Wet		46.6		50.8	
Gauge		0			
Wind		2c NW		3c W	
Clouds		4 R R S		5 Pm Fm M	

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1873phae.proj .37

FRIDAY, OCTOBER 3, 1873.

	7	10	2 1/3	4	9
Barom.		30.258		30.224	
Att. Th.		54.5		63.7	
3235		55.6	64.2	63.8	
12530		54.0	63.2	62.9	
No. 4	42.8	54.4	63.9	63.4	51.5
Min.		40.0 (54.6)			
Solar				129.0 (70.7)	
Max.		60.6 (55.3)			
Dry		57.0		64.4	
Wet		51.3		53.3	
Gauge		0			
Wind		4e S		4e NW	
Clouds		1 Ns Pr haze		5 Pm M 7m	

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1873phae.prof.37

SATURDAY, OCTOBER 4, 1873.

	7.	10	2	4	9
Barom.		30.267		30,156	
Att. Th.		57.0		61.5	
3235		54.1	64.0	62.0	
12530		53.2	63.6	61.5	
No. 4	50.3	54.2	64.1	62.3	60.5
Min.		43.8 (53.2)			
Solar				120.7 (64.0)	
Max.		63.8 (54.0)			
Dry		×43.8		63.0	
Wet		×52.3		56.3	
Gauge C		0			
Wind		2° N		6° S	
Clouds		10 Pm		10 Pm Fm	

× These are the readings of the minimum thermometer. The psychrometer reading was accidentally omitted.

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1873phae.proj .37

SUNDAY, OCTOBER 5, 1873.

	7	10	2	4	9
Barom.		29.815		29.699	
Att. Th.		62.1		68.2	
3235		65.9		69.6	
12530		65.0		69.1	
No. 4		66.1	68.9	69.9	68.9
Min.		53.0 (65.1)			
Solar				131.5 (76.9)	
Max.		65.1 (64.9)			
Dry		× 57.2		70.7	
Wet		64.1		64.4	
Gauge C		5½			
Wind		1 S		½ S.W	
Clouds		9. Pm		7 N.P.M	

× No doubt 67.2

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1873phae.proj.37

MONDAY, OCTOBER 6, 1873

	7	10	2	4	9
Barom.		29.722		29.651	
Att. Th.		62.2		66.8	
3235		64.2	68.9	66.9	
12530		63.0	68.2	66.0	
No. 4	52.5	63.8	69.0	66.8	
Min.		51.1 (63.5)			
Solar				129.2 (68.4)	
Max.		70.0 (63.4)			
Dry		65.9		67.6	
Wet		60.1		61.5	
Gauge C		2½			
Wind		4 S		8 SW	
Clouds		7 Rm R Rs Rm		10 Rm Fm M	

At 10 A.M. gauge A 12¼ ounces 0.106 inches

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1873phae.proj .37

TUESDAY, OCTOBER 7, 1873.

	7	10	2	4	9
Barom.		29.512		29.606	
Att. Th.		59.4		57.8	
3235		51.6	50,0	49.6	
12530		50.4	49.2	48.8	
No. 4	50.3	50.8	49.9	49.4	
Min.		48.4 (50.7)			
Solar				68.4 (51.2)	
Max.		71.1 (51.6)			
Dry		52.5		50,2	
Wet		50.0		48.5	
Gauge C		128 2/10			
Wind		7° N		3° N.	
Clouds		10 Pm		10 Pm raining	

At 10 A.M. gauge A 135 3/8 ounces 1.171 inches
4 1/2 P.M. " " 32 " 0.277 "
" C 0.290 "

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1873phae.proj .37

WEDNESDAY, OCTOBER 8, 1873.

	7	10	2	4	9
Barom.		29.800		29.810	
Att. Th.		52.4		55.7	
3235		50.0	56.4	57.8	
12530		49.0	55.3	56.8	
No. 4	42.5	49.7	56.1	57.6	54.9
Min.		42.6 (49.0)			
Solar				83.6 (62.2)	
Max.		51.6 (49.4)			
Dry		50.9		58.6	
Wet		44.6		47.9	
Gauge C		*41			
Wind		90° N		10° N	
Clouds		10 Rm		9 RR Rm Rm Fm	

* At 4½ P.M. Oct. 7 gauge C 0.290 inches
10 A.M. Oct. 8 " " 0.410 "
In all 0.700 "

Gauge A at 10 A.M. Oct. 8 45½ ounces 0.391 inches
Gauge A leaks somewhat, so that the following note is insufficient.
Gauge A examined at 1 P.M.: the funnel found to have been somewhat battered lately, which will account for its irregularities. Funnel corrected with pincers, and made as nearly as might be everywhere 16 inches across. This will make the area 201.06 sq. inches, and the divisor of the number of ounces of water 116.022. Log. 116.022 = 2.06454; ar.co. 7.93546

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1873phae.proj .37

THURSDAY, OCTOBER 9, 1873.

	7	10	2	4	9
Barom.		30.196		30.208	
Att. Th.		54.0		56.4	
3235		50.5	53.9	53.2	
12530		49.7	53.0	52.7	
No. 4	45.8	49.9	53.4	53.0	43.3
Min.		44.7 (49.4)			
Solar				122.0 (66.5)	
Max.		57.9 (50.5)			
Dry		51.1		54.0	
Wet		42.7		42.9	
Gauge C		0			
Wind		16° N		8° NE	
Clouds		0 7m		0	

At 9 1/3 A.M.
Dry 50.4 Wet 49.0 No. 4 49.2
At 9 3/4 A.M. before wetting
Dry 51.0 Wet 49.5 No. 4 49.8

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1873phae.proj .37

FRIDAY, OCTOBER 10, 1873.

	7	10	2	4	9
Barom.		30.240		30.206	
Att. Th.		48.9		57.5	
3235		52.8	58.1	56.7	
12530		51.7	57.2	56.0	
No. 4	38.7	52.0	57.8	56.2	
Maxv.		37.8 (51.6)			
Solar				1290 (66.3)	
Max.		53.2 (52.2)			
Dry		53.5		57.3	
Wet		45.2		42.4	
Gauge C		0			
Wind		8c NE		7c NE	
Clouds		0		0	

At 9½ A.M.
Dry 51.4 Wet 49.8 No. 4 50.0
At 9⅔ A.M. before wetting
Dry 52.8 Wet 51.2 No. 4 51.0

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1873phae.proj..37

SATURDAY, OCTOBER 11, 1873.

	7	10	2	4	9
Baron.		30.066		29.990	
Att. Th.		51.7		68.4	
3235		55.2	60.9	59.6	
12530		53.9	60.2	58.9	
No. 4	39.3	55.1	60.8	59.2	44.2
Min.		36.5 (54.2)			
Solar				130.3 (71.2)	
Max.		57.4 (54.2)			
Dry		56.2		60.2	
Wet		48.1		47.8	
Gauge C		0			
Wind		3e NW		6e NE	
Clouds		0		0	

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1873phae.proj .37

SUNDAY, OCTOBER 12, 1873.

	7	10	2	4	9
Barom.		29.760		29.700	
Att. Th.		58.0		63.2	
3235		55.5		63.4	
12530		54.8		63.3	
No. 4	48.0	55.9	63.2	68.9	52.2
Min.		44.0 (44.8)			
Solar				130.1 (66.1)	
Max.		60.9 (56.1)			
Dry		56.7		64.1	
Wet		51.7		56.2	
Gauge C		1/4			
Wind		1/4 N.W.		1/4 SW	
Clouds		11 P.No		Fm R.RS	

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1873phae.proj..37

MONDAY, OCTOBER 13, 1873.

	7	10	2	4	9
Barom.		30.028		30.104	
Att. Th.		56.4		59.0	
3235		49.6	51.8	50.2	
12530		48.8	51.0	49.6	
No. 4	46.2	49.0	51.4	49.8	40.0
Min.		45.4 (48.6)			
Solar				119.2 (62.6)	
Max.		64.3 (49.6)			
Dry		50.1		50.8	
Wet		41.8		41.4	
Gauge C		0			
Wind		15 NW		7 NW	
Clouds		6 M 7m		0	

At 9 1/6 A.M.
Dry 49.3 Wet 47.8 No. 4 48.0
At 9 5/6 A.M. before wetting
Dry 50.1 Wet 48.7 No. 4 48.9

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1873phae.proj..37

TUESDAY, OCTOBER 14, 1873.

	7	10	2	4	9
Barom.		30.132		30.143	
Att. Th.		50.4		60.1	
3235		53.0	63.8	63.9	
12530		51.9	63.0	62.9	
No. 4	43.8	52.3	63.4	63.4	54.6
Min.		35.2 (52.0)			
Solar				118.6 (71.2)	
Max.		52.2 (52.2)			
Dry		53.8		64.6	
Wet		47.0		57.8	
Gauge		D			
Wind		8 2 SW		7 W	
Clouds		4 haze Rs		1 haze	

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1873phae.proj .37

WEDNESDAY, OCTOBER 15, 1873.

	7	10	2	4	9
Baroz.		30.523		30.509	
Att. Th.		53.8		61.8	
3235		53.8	56.2	53.9	
12530		52.8	55.3	53.0	
No. 4	47.5	53.2	55.9	53.3	45.7
Min.		42.4 (52.8)			
Solar				122.8 (61.8)	
Max.		63.6 (53.6)			
Dry		54.6		54.2	
Wet		46.3		47.7	
Gauge C		0			
Wind		5 NW		3 E	
Clouds		4 Pm Rs haze		2 haze	

At 9 1/3 A.M.
Dry 53.2 Wet 52.0 No. 4 52.0
At 9 3/4 A.M. before wetting
Dry 53.8 Wet 52.4 No. 4 52.5

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1873phae.proj..37

THURSDAY, OCTOBER 16, 1873.

	7	10	2	4	9
Baron.		30.390		30.180	
Att. Th.		58.4		64.9	
3235		56.4	66.2	64.8	
12530		55.6	65.4	64.0	
No. 4	50.5°	56.5	65.9	64.6	58.0
Min.		38.2 (55.9)			
Solar				120.9 (71.4)	
Max.		57.6 (56.3)			
Dry		58.3		65.4	
Wet		53.9		56.1	
Gauge C		0			
Wind		7 SW		15 SW	
Clouds		3 hazy Rs		3 R RRs haze	

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1873phae.proj .37

FRIDAY, OCTOBER 17, 1873.

	7	10	2	4	9
Barom.		30.299		30.330	
Att. Th.		59.8		60.8	
3235		53.0	55.8	52.0	
12530		52.1	55.0	51.2	
No. 4	48.7	52.5	55.1	51.4	43.9
Min.		47.7 (52.0)			
Polar				130.0 (59.8)	
Max.		65.7 (53.2)			
Dry		53.8		52.4	
Wet		44.1		45.4	
Gauge C		0			
Wind		7° N		4° SE	
Clouds		0		0	

At 9 5/12 A.M., before wetting
Dry 52.6 Wet 51.0 No. 4 51.3

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1873phae.proj .37

SATURDAY, OCTOBER 18, 1873.

	7	10	2	4	9
Barom.		30.336		30.244	
Att. Th.		48.8		65.2	
3235		49.0	55.0	56.4	
12530		47.3	54.0	55.6	
No. 4	33.0	48.2	54.7	56.1	52.9
Min.		31.1 (48.0)			
Solar				128.4 (57.9)	
Max.		57.9 (49.0)			
Dry		50.7		57.4	
Wet		47.0		50.8	
Gauge C		0			
Wind		4e S		3e E	
Clouds		9 Pm 7m		9 Pm	

Morning misty & chilly

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1873phae.proj..37

SUNDAY, OCTOBER 19, 1873.

	7	10	2	4	9
Barom.		30.128		30.028	
Att. Th.		64.2		67.6	
3235		62.9		63.7	
12530		61.9		62.4	
No. 4	57.5	62.9	68.0	63.6	58.3
Min.		48.0 (62.1)			
Solar				120.1 (63.9)	
Max.		61.0 (62.9)			
Dry		64.1		64.3	
Wet		60.9		60.9	
Gauge C		0			
Wind		½ S			
Clouds.		10 P.M.			

Raining commenced 3h 45m PM

Morning misty

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1873phae.proj .37

MONDAY, OCTOBER 20, 1873.

	7	10	2	4	9
Barom.		29.730		29.624	
Att. Th.		63.0		63.6	
3235		64.4	61.0	61.4	
12530		63.4	60.4	60.2	
No. 4	62.8	64.4	60.8	61.2	63.8
Min.		56.7 (63.4)			
Solar				76.5 (63.0)	
Max.		69.8 (63.0)			
Dry		65.6		62.5	
Wet		62.0		60.9	
Gauge C		40 6/10			
Wind		8° SE		6° SE	
Clouds		10 Pm		1 Pm fine rain	

Gauge A at 10 A.M. 52¼ ounces 0.450 inches

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1873phae.proj..37

TUESDAY, OCTOBER 21, 1873.

	7	10	2	4	9
Barom.		29.820		29.915	
Att. Th.		62.9		66.2	
3235		62.1	62.7	59.0	
12530		61.5	62.0	58.3	
No. 4	58.2	62.0	62.4	58.6	49.9
Min.		57.4 (61.6)			
Solar				124.0 (65.5)	
Max.		66.2 (60.3)			
Dry		63.3		59.8	
Wet		55.8		51.4	
Gauge C		94 3/10			
Wind		10° S		13° SW	
Clouds		5 Pm 7m		0	

Gauge A at 10 A.M. 98½ ounces 0.849 inches

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1873phae.proj.37

WEDNESDAY, OCTOBER 22, 1873.

	7	10	2	4 1/4	9
Barom.		30.149		30.114	
Att. Th.		57.0		62.1	
3235		55.0	61.0	59.0	
12530		54.0	60.7	58.5	
No. 4	44.0	54.1	61.0	58.5	48.1
Min.		43.8 (54.0)			
Solar				128.8 (62.8)	
Max.		62.7 (55.0)			
Dry		56.1		60.0	
Wet		48.8		48.4	
Gauge C		0			
Wind		7 SE		6 SW	
Clouds		1 Fm haze		1 M Fm	

Some auroral streamers about 10 P.M.

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1873phae.proj .37

THURSDAY, OCTOBER 23, 1873.

	7	10	2	4	9
Barom.		30.264		30.214	
Att. Th.		54.5		63.5	
3235		52.6	62.9	62.9	
12530		51.2	62.0	62.3	
No. 4	40.2	51.3	62.9	62.5	51.9
Min.		39.8 (51.4)			
Solar				128.6 (69.7)	
Max.		61.3 (52.2)			
Dry		53.7		63.8	
Wet		48.3		54.2	
Gauge C		0			
Wind	•	2 SW		7 S	
Clouds		0 haze		0 haze	

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1873phae.proj .37

FRIDAY, OCTOBER 24, 1873.

	7	10	2	4	9 10
Barom.		30,208		30.150	
Att. Th.		57.0		64.0	
3235		60.0	66.0	64.0	
12530		59.0	65.0	63.5	
No. 4	59.0	59.7	65.8	64.0	55.7
Min.		47.8 (59.2)			
Solar				123.2 (64.8)	
Max.		62.8 (59.2)			
Dry		61,2		65.0	
Wet		55.9		56.8	
Gauge C		0		1	
Wind		6 S		5 e W	
Clouds		10 Pm Rm Pn R		10 Pm	

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1873phae.proj .37

SATURDAY, OCTOBER 25, 1873.

	7	10	2	4	9
Barom.		30.231		30.190	
Att. Th.		55.3		62.8	
3235		49.7	54.8	54.8	
12530		49.0	53.9	54.0	
No. 4	42.5	49.1	54.0	54.4	43.1
Min.		41.1 (48.7)			
Solar				121.7 (59.0)	
Max.		65.3 (49.8)			
Dry		50.4		55.3	
Wet		40.8		44.3	
Gauge C		0			
Wind		7c NW		7c NW	
Clouds		2 RRs		1 RRM	

Two meteors seen at 7h 2m P.M. from corner of Garden St. & North Avenue. Second meteor about as bright as a 2.5 magnitude star: first seen about the head of Ursa Major: crossed the line joining ε & ζ Urs. Maj. about 3 times as far from ε as from ζ: thence moved nearly parallel with the line joining ζ & η Urs. Maj., but did not pass so near η as ζ: disappeared soon after passing the point of its course nearest η Urs. Maj.

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1873phae.proj .37

SUNDAY, OCTOBER 26, 1873.

	7	10	2	4	9
Barom.		30.213		30.100	
Att. Th.		48.6		58.1	
32.35		44.6		†51.5	
12530		40.7		48.9	
No. 4	45.5	48.8	51.3	49.0	46.1
Min.		32.5 (48.7)			
Solar				(117.1) (599)	
Max.		55.0 (47.0)			
Dry		45.3		51.1	
Wet		×41.6		46.2	
Gauge		0			
Wind		0 N. W.		3/4 S E	
Clouds		9 R. Rs		1 Rs	

× This gives a greater relative humidity than seems likely from the general character of the weather. Perhaps the reading should be 36.6; or the instrument may have been read too soon after wetting.

† Very high compared with the others. Probably 50.5.

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1873phae.proj..37

SATURDAY, OCTOBER 25, 1873.

	7	10	2	4	9
Barom.		30.231		30.190	
Att. Th.		55.3		62.8	
3235		49.7	54.8	54.8	
12530		49.0	53.9	54.0	
No. 4	42.5	49.1	54.0	54.4	43.1
Min.		41.1 (48.7)			
Solar				121.7 (59.0)	
Max.		65.3 (49.8)			
Dry		50.4		55.3	
Wet		40.8		44.3	
Gauge C		0			
Wind		7 c NW		7 c NW	
Clouds		2 RRs		1 RRM	

Two meteors seen at 7h 2m P.M. from corner of Garden St. & North Avenue. Second meteor about as bright as a 2.5 magnitude star: first seen about the head of Ursa Major: crossed the line joining ε & ζ Urs. Maj. about 3 times as far from ε as from ζ: thence moved nearly parallel with the line joining ζ & η Urs. Maj., but did not pass so near η as ζ: disappeared soon after passing the point of its course nearest η Urs. Maj.

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SUNDAY, OCTOBER 26, 1873.

	7	10	2	4	9
Barom.		30.213		30.100	
Att. Th.		48.6		58.1	
3235		44.6		†51.5	
12530		42.7		48.9	
No. 4	45.5	48.8	51.3	49.0	46.1
Min.		32.5 (48.7)			
Solar				(117.1) (69.9)	
Max.		65.0 (47.0)			
Dry		45.3		51.1	
Wet		×41.6		46.2	
Gauge		0			
Wind		O N.W.		3/4 S E	
Clouds		9 R. Rs		1 Rs	

× This gives a greater relative humidity than seems likely from the general character of the weather. Perhaps the reading should be 36.6; or the instrument may have been read too soon after wetting.

† Very high compared with the others. Probably 50.5.

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MONDAY, OCTOBER 27, 1873.

	7	10	2	4	9
Baron.		29.552		29.388	
Att. Th.		56.0		65.1	
3235	†	60.0	61.0	62,4	
12530		59.0	60.1	61.7	
No. 4	44.3	59.8	60.9	62.4	50.8
Min.		43.5 (59.2)			
Solar				66.5 (63.0)	
Max.		59.2 (58.8)			
Dry		61.0		63,4	
Wet		58.4	×	61.2	
Gauge C		25		18	
Wind		25e S		10e S	
Clouds		10 Pm raining		10 Pm raining	

Gauge A at 10 A.M. 30 3/4 ounces 0.265 inches.

The leak of gauge A (see notes Oct. 8)4 seems to let water from the outside of the funnel run along the pipe into the bottle when the rain is moderate; but when it is heavy some of the water from the inside drops off from the pipe upon the floor; so that in light rains the gauge catches too much and in heavy rains too little.

Gauge A at 4 P.M. 21 1/4 ounces 0.183 inches

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1873phae.proj..37

TUESDAY, OCTOBER 28, 1873.

	7	10	2 1/2 3	4	9
Barom.		29.820		29.730	
Att. Th.		57.6		57.6	
3235		47.6	49.8	49.0	
12530		46.6	48.9	48.0	
No. 4		47.0	49.2	48.3	42.1
Min.	40.8	39.7 (46.6)			
Solar				89.7 (48.7)	
Max.		62.0 (47.8)			
Dry		48.4		49.4	
Wet		42.9		43.6	
Gauge C		*41			
Wind		0° NW		5° NE	
Clouds		9 Pm 7m		9 Pm	

* Gauge C at 4 P.M. Oct. 27 0.180 inches
10 A.M. Oct. 28 0.410 "
In all 0.590 "

Gauge A at 10 A.M. 46 3/4 ounces 0.403 inches

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1873phae.proj..37

WEDNESDAY, OCTOBER 29, 1873.

	7	10	2	4	9
Barom.		29.931		30.099	
Att. Th.		49.0		55.7	
3235		41.0	42.0	43.6	
12530		40.0	43.2	42.9	
Ng. 4	40.0	40.1	43.4	43.0	38.6
Min.		35.7 (40.3)			
Solar				110.5 (47.5)	
Max.		50.3 (41.4)			
Dry		41.7		44.0	
Wet		35.2		36.3	
Gauge C		0			
Wind		6° SW		6° W	
Clouds		1 M 7m		2 M 7m	

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THURSDAY, OCTOBER 30, 1873.

	7	10 1/4	2	4	9
Barom.		30.490		30.484	
Att. Th.		57.3		67.6	
3235		39.1	42.9	42.7	
12530		38.1	42.0	41.8	
No. 4	33.0	38.2	42.2	41.8	41.1
Mon.		28.7 (38.0)			
Solar				111.9 (46.8)	
Max.		43.6 (39.4)			
Dry		39.8		43.0	
Wet		32.7		36.6	
Gauge C		0			
Wind		4c NE		6c E	
Clouds		0		2 Fm Pr Fm Rs	

At 9 1/4 A.M. before watching
Dry 37.8 Wet 36.3 No. 4 38.4

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FRIDAY, OCTOBER 31, 1873.

	7	10	2	4	9
Barom.		30.244		30.070	
Att. Th.		61.4		69.4	
3235		40.3	45.3	45.9	
12530		39.6	44.5	45.0	
No. 4	42.7	40.0	45.0	45.5	
Min.		38.0 (39.2)			
Solar				47.0 (47.0)	
Max.		45.0 (41.0)			
Dry		40.8		46.7	
Wet		39.4		44.9	
Gauge C		3			
Wind		8e N		6e NE	
Clouds		10 Pm. fine rain		10 Pm	

At 10 A.M. gauge A 4 ommes 0.034 inches

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1873phae.proj .37

SATURDAY, NOVEMBER 1, 1873.

	7	10	2	4	9
Baroм.		30.105		30.216	
Att. Th.		54.5		65.4	
3235		41,4	46,3	42.9	
12530		40.7	45,5	42.0	
No. 4	42.3	40,6	45,7	42.3	36.6
Min.		39.3 (40.4)			
Solar				112.4 (48.0)	
Max.		45.2 (43.2)			
Dry		42,0		43,3	
Wet		35.0		34.9	
Gauge C		0			
Wind		7° W		11° NW	
Clouds		0		1 M 7m	

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SUNDAY, NOVEMBER 2, 1873.

	7	10	2	4	9
Barom.		30.422		30.251	
Att. Th.		61.1		69.8	
3235		41.7		50.7	
12530		40.2		50.0	
No 4	29.3	40.8	.3	50.3	44.0
Min.		28.8(40.4)			
Solar				117.8(56.2)	
Max.		45.7(42.0)			
Dry		42.4		61.3	
Wet		37.3		42.2	
Gauge C		1			
Wind		1/4 S.S.E.		5 S.S.E	
Clouds		1 Ro		2 Ro Ns	

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1873phae..pro] .37

MONDAY, NOVEMBER 3, 1873

	7	10	2	4	9
Barom.		29.869		29.991	
Att-Th.		67.6		69.2	
3235		55.6	52.8	48.5	
12530		54.7	52.0	47.8	
No. 4	48.0	54.9	52.2	48.0	
Min.		40.2 (54.7)			
Solar				112.7 (53.0)	
Max.		54.8 (54.8)			
Dry		56.3		49.0	
Wet		47.0		38.0	
Gauge C		0			
Wind		10° SW		25° W	
Clouds		1 Rn M Fm		0 Rn M Fm	

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TUESDAY, NOVEMBER 4, 1873.

	7	10	2	4	9
Barom.	/	30.244		30.082	
Att. Th.		53.0		67.8	
3235		37.0	48.0	47.6	
12530		36.0	46.9	46.9	
No. 4	26.2	36.0	47.1	46.9	41.0
Min.		25.7 (36.1)			
Solar				112.6 (52.6)	
Max.		55.2 (37.6)			
Dry		38.0		48.0	
Wet		31.8		38.7	
Gauge C		0			
Wind		6e S		7° SW	
Clouds		0		0	

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WEDNESDAY, NOVEMBER 5, 1873.

	7	10	2	4	9
Barom.	1	30.074		30.200	
Att. Th.		62.0		69.5	
3235		46.0	45.2	42.3	
12530		44.6	44.7	41.6	
No. 4	40.2	44.7	45.0	41.8	308
Min.		36.0 (45.0)			
Solar				112.7 (46.0)	
Max.		47.7 (45.8)			
Dry		46.9		42.8	
Wet		41.0		33.9	
Gauge C		0			
Wind		8 SW		8 N	
Clouds		3 Cu R haze		0	

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THURSDAY, NOVEMBER 6, 1873.

	7	10	2	4	9
Barom.		30.338		30.336	
Att. Th.		57.0		64.3.	
3235		35.9	40.8	39.7	
12530		35.0	40.2	38.9	
No. 4	28.5	35.2	40.6	39.0	36.3
Min.		27.8 (35.0)			
Solar				118.8 (45.2)	
Max.		49.8 (35.9)			
Dry		36.6		39.9	
Wet		30.3		33.9	
Gauge C		0			
Wind		6 c N		5 c NE	
Clouds		9 Pm 7m		5 M 7m	

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FRIDAY, NOVEMBER 7, 1873.

	7	10	2	4	9
Barom.		30.450		30.340	
Att. Th.		56.1		61.7	
3235		33.1	43.1	43.10	
12530		31.9	42.2	42.2	
No. 4	29.4	31.8	42.6	42.4	~~42.2~~
Min.		22.2 (32.2)			
Solar				100.2 (43.3)	
Max.		41.0 (33.0)			
Dry		34.1		43.5	
Wet		30.2		38.5	
Gallige C		0			
Wind		0° N		4° SE	
Clouds		2 RRs 7m		10Rm 7m	

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SATURDAY, NOVEMBER 8, 1873.

	7	10	2	4	9
Barom.	/	29.512		29.519	
Att. Th.		63.9		66.3	
3235		×46.4	×44.5	×45.8	
12530		45.6	44.0	45.7	
No. 4	44.0	46.0	44.6	46.8	42.3
Min.		32.1 (45.3)			
Solar				81.5 (46.8)	
Max.		46.2 (46.0)			
Dry		47.0		47.2	
Wet		45.6		43.7	
Gauge C		143		3	
Wind		13° NE		7° W	
Clouds		10 Bn raining		10 Bn	

At 4 P.M. gauge A 169½ answers 1.461 inches

×Bulb more or less wet

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SUNDAY, NOVEMBER 9, 1873.

	7	10	2	4	9
Barom.		29.708		29.728	
Att. Th.		60.9		66.7	
3235		47.1		46.0	
12530		46.3		46.9	
No. 4	42.0	46.8	48.1	46.4	41.0
Min.		41.5 (46.1)			
Solar				11.30 (46.8)	
Max.		47.8 (47.0)			
Dry		47.9		47.7	
Wet		40.9		40.7	
Gauge C		* 1/10			
Wind		5 Vr.		1/4 Vr.	
Clouds		9. No.		8. No. P. No.	

*Gauge C at 4 P.M. Nov. 8 0.030 inches
" 10 A.M. " 9 0.001 "
In all 0.031

Slight shower about 9½ P.M.

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MONDAY, NOVEMBER 10, 1873.

	7	10	2	4	9
Barom.		29.906		29.884	
Att. Th.		62.8		61.2	
3235		31,3	35,0	34.0	
12530		30,7	34.1	33.7	
No.4	29.8	31.0	34.4	33.6	26.8
Min.		29.3 (30.4)			
Solar				87.2 (36.0)	
Max.		48.2 (33.0)			
Dry		32.0		34,6	
Wet		25.9		28.0	
Gauge C		$2\frac{6}{10}$			
Wind		14° NW		11° NW	
Clouds		10 Pm		3 Pm Fm	

Gauge A at 10 A.M. $2\frac{1}{2}$ ounces 0.022 inches

A few snow-flakes early: more after 10 A.M.

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1873phae.proj .37

TUESDAY, NOVEMBER 11, 1873.

	7	10	2	4	9
Barom.		30.069		30.069	
Att. Th.		63.1		68.6	
3235		30.8	37.0	36.8	
12530		30.0	36.3	36.1	
No. 4	23.0	30.0	36.3	36.0	289
Maju.		22.9 (29.8)			
Solar				108.8 (42.9)	
Max.		34.3 (31.4)			
Dry		31.2		37.2	
Wet		25.8		31.8	
Gauge C		0			
Wind		10 NW		6 SW	
Clouds		0		0 Fm	

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1873phae.proj .37

WEDNESDAY, NOVEMBER 12, 1873.

	7	10	2	4	9
Barom.		29.567		29.536	
Att. Th.		64.8		70.2	
3235		46.1	42.4	42.1	
12530		45.2	41.7	41.6	
No. 4	38.5	45.8	42.2	42.0	38.4
Mizr.		28.1 (45.2)			
Solar				102.3 (42.1)	
Max.		45.2 (45.0)			
Dry		47.0		43.0	
Wet		45.3		40.0	
Gauge C		34			
Wind		3° SE.		3° W	
Clouds		10 Pm		10 Pm	

Rain & snow previous night.
Gauge A at 10 A.M. 40 3/4 ounces 0.351 inches.

Gauge C damaged last night by a cart driven against it; repaired today with pincers and file so as to make the rim of the funnel everywhere 5 inches across, as before, as nearly as might be.

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THURSDAY, NOVEMBER 13, 1873.

	7	10	2	4	9
Baron.		29.591		29.651	
Att. Th.		67.0		67.0	
3235		33.7	36.8	34.7	
12530		33.0	36.0	34.0	
No. 4	30.3	33.0	36.1	34.2	27.4 *
Min.		30.3 (32.8)			
Solar				115.0 (38.0)	
Max.		48.0 (34.4)			
Dry		34,5		35.1	
Wet		30.0		31.8	
Gauge C		8			
Wind		10 c NW		10 c W	
Clouds		5 M Fm		4 M Fsc	

At 9½ A.M. before wetting
Dry 34.0 Wet 32.5 No. 4 32.5

* Looking for meteors from time to time

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FRIDAY, NOVEMBER 14, 1873.

	7	10	2	4	9
Barom.		29.968		29.998	
Att. Th.		63.2		61.3	
3235		25.6	26.5	26.3	
12530		24.7	25.8	25.8	
No. 4	18.7	24.9	26.0	25.8	
Min.		18.6 (24.5)			
Solar				98.0 (29.0)	
Max.		36.6 (26.5)			
Dry		26.2		27.0	
Wet		21.8		21.4	
Gauge C		0			
Wind		7e NW		6e NW	
Clouds		9 Pm		8 Pm Fm	

At 9 1/6 A.M. before wetting
Dry 25.2 Wet 23.7 No. 4 23.7

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SATURDAY, NOVEMBER 15, 1873.

	7	10	2	4	9.40
Barom.		30.015		29.882	
Att. Th.		56.5		69.6	
3235		28.0	33.8	33.0	
12530		27.3	33.0	32.7	
No 4	18-8	27.4	33.4	32.8	28.3
Min.		17.3 (27.1)		113.1 (33.2)	
Solar					
Max.		27.5 (28.0)			
Dry		28.7		33.4	
Wet		23.6		28.3	
Gauge C		0			
Wind		6 SW		4 SW	
Clouds		5 Bm R Fm		10 Bm M Fm	

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SUNDAY, NOVEMBER 16, 1873.

	7	10	2 3	4	9
Barom.		29.602		29.466	
Att. Th.		61.9.		68.3	
3235		31.1		50.3	
12530		30.1		30.3	
No. 4		30.6	33.8	30.3	249
Mig.		25.3 (30.4)			
Solar				54.0 (52.0)	
Max.		34.7 (34.0)			
Dry		32.0		309	
Wet		30.0		320	
Gauge C		0		*	
Wind		Vo N.		* N. 1	
Clouds		* Snowing a little			

At 10.45 A M. Snowing very hard,
" 2 P M. snow changed to rain
and then turned back again to snow.

* Snowing very hard at 4 P M.

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MONDAY, NOVEMBER 17, 1873.

	7	10	2	4	9
Barom.		29.592		29.484	
Att. Th.		58.0		64.4	
8235		27.9	32.0	33.7	
12530		27.2	31.1	33.0	
No. 4.	25.0	27.7	31.6	33.2	8/3
Mon.		23.4 (27.0)		35.7 (32.8)	
Solar					
Max.		34.5 (28.9)		34,4	
Dry		28.8		32.0	
Wet		27.0			
Gauge C		*24			
Wind		13c N		10c NE	
Clouds		10 Pn a little sleet		10 Pn [illegible]	

* Snow about 2 inches deep; lower part caked together. Cylinder of this snow 2 inches long & 1 7/8 inches diameter weighs 2 ounces (mean of 3 measures). Hence rainfall 0.418 inches. This measure not likely to be accurate but probably preferable to that from gauge C, which is not adapted to measure snow.

Note April 6, 1883. In the reductions above, the result is one third of what it should be by the record as it stands. But perhaps the record should be that the snow collected by the 3 measures weighed 2 ounces in all, and this seems in itself more probable.

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TUESDAY, NOVEMBER 18, 1873.

	7	10	2	4	9
Barom.		*28.717		28.814	
Att. Th.		67.1		60.7	
3235		32.1	33.7	†31.1	
12530		31.4	32.1	†31.9	
No. 4	30.5	31.7	33.1	†30.6	27.2
Min.		27.0 (31.2)			
Solar				44.9 (32.7)	
Max.		38.6 (32.0)			
Dry		33.4		32.0	
Wet		31.9		30.7	
Gauge C		125			
Wind		12° NE		13° SW	
Clouds		10 Rain		10 Snowing	

*Read carefully: 28, not 29. Barometer Newman 68 reads 28.630; attached thermometer 35.8 Barometer continued to fall till noon (see last page of this book;) wind shifted to N.W. between noon and 12 2/3 P.M.; wind strong last night, moderate this morning, light at noon; gradually increasing after noon; shifting through W to SW; diminishing after 4 P.M.

†Carefully read; temperatures probably falling 12590 is less sensitive than 3235 at all events.

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WEDNESDAY, NOVEMBER 19, 1873.

	7	10	2	4	9
Baron.		29.514		29.552	
Att. Th.		58.0		65.0	
3235		29.9	33.7	32.6	
12530		28.6	+31.7	31.3	
No. 4	25.0	29.0	33.0	31.9	27.5
Min.		23.2 (29.0)			
Solar				98.3 (30.9)	
Max.		32.2 (29.7)			
Dry		30.6		33.0	
Wet		26.5		27.3	
Gauge C		27			
Wind		6c W		5c N	
Clouds		0 Pn Fm Rs		5 R Pn Fm	

+Carefully read

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THURSDAY, NOVEMBER 20, 1873.

	7	10	2	4	9
Barom.		29.876		29.918	
Att. Th.		60.8		62.4	
3235		24.0	29.0	30.0	
12530		23.0	28.0	29.0	
No. 4	23.2	23.5	28.6	29.4	26.6
Min.		21.6 (23.0)			
Polar				46.8 (30.1)	
Max.		32.6 (24.4)			
Dry		24.8		30.7	
Wet		21.6		26.8	
Gauge		0			
Wind		8 NW		3 N	
Clouds		10 Pm R		10 R	

At 9½ A.M. before wetting
Dry 23.6 Wet 22.2 No. 4 22.4

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FRIDAY, NOVEMBER 21, 1873.

	7	10	2	4	9
Barom.		30.276		30.216	
Att. Th.		62.0		58.8	
3235		25.5	31.6	32.2	
12530		24.3	30.8	31.8	
No. 4	17.2	24.5	31.4	31.8	
Min.		17.0 (24.4)			
Solar				101.0 (31.0)	
Max.		24.2 (36.0)			
Dry		26.4		32.7	
Wet		22.4		30.0	
Gauge C		1½			
Wind		1° SW		1° SW	
Clouds		3 RRS		10 Rs Pm Fm	

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SATURDAY, NOVEMBER 22, 1873.

	7	10	2	4	9
Barom.		30.291		30.326	
Att. Th.		53.4		68.0	
3235		30.4	37.5	37.0	
12530		29.8	36.1	35.9	
No. 4	28.5'	30.0	36.8	36.0	28.3
Min.		24.4 (30.0)			
Solar				102.0 (41.0)	
Max.		31.8 (30.7)			
Dry		31.6		37.5	
Wet		*29.0		31.9	
Gauge C		0			
Wind		2 SW		0 NW	
Clouds		1 haze		1 haze M	

* At 10½ A.M. Dry 32.0 Wet 27.8 Rel. hum. with the usual correction 71 which is to be entered as the relative humidity for 10 A.M. since the wet bulb had not settled at 10 A.M. although it was wetted half an hour before.

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SUNDAY, NOVEMBER 23, 1873.

	7	10	2	4	9
Barom.		30.437		30.379	
Att. Th.		55.2		49.3	
3235		27.6		35.0	
12530		27.8		34.4	
No. 4	20.5	26.0	38.1	34.3	30.6
Min.		19.9 (27.7)			
Solar		xx		94.0 (37)	
Max.		32.0 (30.0)			
Dry		x 29.7		35.5	
Wet		x 31.3		30.5	
Gauge C		D			
Wind				SW	
Clouds					

x Evidently not wetted long enough before observation

xx Evidently wrong reading, perhaps for 37.0

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MONDAY, NOVEMBER 24, 1873.

	7	10	2	4	9
Barom.		29.794		29.310	
Att. Th.		58.8		62.0	
3235		37.2	42.8	40.2	
12530		36.7	41.9	39.6	
No. 21	30.5	37.0	42.0	40.0	29.0
Min.		27.8 (36.2)			
Solar				45.5 (40.5)	
Max.		37.9 (36.8)			
Dry		37.9		41.0	
Wet		36.5		39.6	
Gauge C		*41		82½	
Wind		10° E		12° N	
Clouds		10 Pm raining		10 Pm	

* Snow early, then rain; the measurement by gauge C probably too small, but no means of correcting it.

Garage A emptied this afternoon; contents not measured, as this garage is not adapted to falls of snow and heats besides.

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TUESDAY, NOVEMBER 25, 1873.

	7	10	2	4	9
Barom.		29.280		29.278	
Att. Th.		63.4		62.0	
3235		29.9	29.8	27.3	
12530		29.4	29.0	26.8	
No 4	30.2	29.7	29.8	27.3	27.9
Min.		28.0 (29.1)			
Solar				44.0 (27.8)	
Max.		42.0 (30.0)			
Dry		30.9		28.5	
Wet		28.4		25.5	
Gauge C		×1			
Wind		0 NW		9 NW	
Clouds		10 Pc		10 Pc a little snow	

At 4 P.M. Nov. 24 gauge C 0.825 inches
At 10 A.M. Nov. 25 " — " 0.010 "
In all. 0.835 "

A few snowflakes early; snowing rather thick at 10½ A.M.; snow continuing at noon, with strong N.W. wind.

Snowing at 9 P.M.

Very little snow altogether.

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WEDNESDAY, NOVEMBER 26, 1873.

	7	10	2	4	9
Barom.		29.691		29.726	
Att. Th.		57.9		58.5	
3235		19.7	20,0	18.0	
12530		19.0	19.2	17.6	
No. 4	18.8	19.2	19.5	17.6	12.9
Min.		17.9 (18.6)			
Solar				90.4 (26.1)	
Max.		31.4 (20.9)			
Dry		20.6		19.0	
Wet		17.0		14.9	
Gauge C		2 1/2			
Wind		13c NW		13c NW	
Clouds		0 Pt Rs		0 Q	

At 9 5/12 A.M. before wetting
Dry 20.4 Wet 19.0

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THURSDAY, NOVEMBER 27, 1873.

	7	10	2	4	9
Barom.		29.977		29.824	
Att. Th.		45.5		62.5	
3235		16.9	19.0	18.0	
12530		16.2	18.8	17.7	
No. 4	14.8	16.4	18.8	17.8	17.7
Min.		10.6 (16.0)			
Solar				26.0 (20.0)	
Max.		21.2 (18.0)			
Dry		17.7		18.9	
Wet		15.0		17.3	
Gauge C		0			
Wind		2e SW		4e NE	
Clouds		10 R		10 R snowing	

At 9½ A.M. before wetting
Dry 17.3 Wet 16.0 No. 4 16.5

A few snowflakes early.

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FRIDAY, NOVEMBER 28, 1873.

	7	10	2	4	9
Barom.		30.050		30.119	
Att. Th.		49.8		53.5	
3235		23.8	26.0	22.3	
12530		22.9	25.4	22.0	
No. 4	19.5	23.0	25.8	22.0	
Min.		14.2 (22.7)			
Polar				100.5 (24.5)	
Max.		23.6 (24.0)			
Dry		24.6		23.0	
Wet		21.0		19.1	
Gauge C		6			
Wind		8e NW		7e NW	
Clouds		1 PtRm		9 PtRRs	

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SATURDAY, NOVEMBER 29, 1873.

	7	10	2	4	9
Barom.		30.374		30.444	
Att. Th.		45.0		61.5	
3235		26.0	29.8	27.7	
12530		25.0	29.2	27.0	
No. 4	14.3	25.1	29.5	27.1	20.8
Min.		11.4 (25.2)			
Polar				101.5 (31.9)	
Max.		26.3 (26.0)			
Dry		26.9		28.2	
Wet		22.8		23.0	
Gauge C		0			
Wind		6 W		6 W	
Clouds		8 Pm Fm		1 Pm Fm	

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SUNDAY, NOVEMBER 30, 1873.

	7	10	2	4	9
Barom.		30.523		65.2	
Att. Th.		56.5		30.55	
3235		23.6		23.0	
12530		22.8		22.7	
No. 4	20.2	22.9	25.9	22.6	13.1
Min.		15.4 (22.9)			
Solar				94.0 (28.6)	
Max.		29.9 (24.7)			
Dry		24.4			
Wet		20.3			
Gauge		0			
Wind		NW		N	
Clouds		2 Cs		2 Cs R	

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MONDAY, DECEMBER 1, 1873.

	7	10	2	4	9
Barom.	7	30.714		30.720	9
Att. Th.		42.3		57.9	
3235		8.4	13.2	12.0	
12530		7.9	12.9	11.8	
No. 4	4.8	8.0	13.3	11.6	8.9
Min.		4.2 (7.5)			
Solar				43.8 (13.0)	
Max.		26.5 (10.7)			
Dry		under fastening		under fastening	
Wet		cannot be read		cannot be read	
Gauge C		0			
Wind		7 N		7 N	
Clouds		10 R		1 R Rm Rs	

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TUESDAY, DECEMBER 2, 1873.

	7	10	2	4	9
Barom.		30.752		30.616	
Att. Th.		55.4		51.3	
3235		14.8	17.7	18.4	
12530		14.4	17.2	17.8	
No. 4	12.5	14.4	17.4	18.0	29.6
Min.		7.4 (14.0)			
Solar				27.7 (20.8)	
Max.		15.0 (15.5)			
Dry		15.8		19.3	
Wet		14.0		18.1	
Gauge C		0.			
Wind		6e N		6e N	
Clouds		10 R		10 R	
		a little snow		snowing	

A little snow previous night: not enough for measurement.

Snow increasing after 10 A.M.; rather thick at 2 P.M.

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WEDNESDAY, DECEMBER 3, 1873.

	7	10 *	2	4	9
Barom.		30.399		30.256	
Att. Th.		54.9		65.2	
3235		29.7	43.9	43.2	
12530		28.9	43.2	42.8	
No. 4	22.7	29.5	44.0	43.1	44.7
Min.		16.1 (28.9)			
Solar				96.1 (46.5)	
Max.		29.2 (29.2)			
Dry		30.3		43.5	
Wet		29.1		41.2	
Gauge C		** 15			
Wind		0° SW		5° S	
Clouds		10 Pn		10 Pn Pr 7m	

** Snow 1 3/4 inches deep at 10 A.M.; 10 inches in cylinder 1 7/8 inches in diameter weigh 2 1/2 ounces: thick rainfall 0.275 inches.

* Frost on all the thermometers.

Clearing off 1 to 2 P.M.

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THURSDAY, DECEMBER 4, 1873.

	7	10	2	4	9
Barom.		29.892		29.749	
Att. Th.		69.8		69.3	
3235		58.0	60.9	60.7	
12530		57.6	60.0	59.8	
No. 4	53.2	58.2	60.6	60.4	51.0
Min.		29.2 (57.9)			
Solar				78.0 (61.9)	
Max.		57.6 (55.0)			
Dry		58.3		61.8	
Wet		55.0		58.1	
Gauge C		0			
Wind		20 S		20 SW	
Clouds		10 Pm 7m		10 Pm 7m	

At 12 7/12 P.M.
Bar. 29.766 Att. Th. 68.0

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FRIDAY, DECEMBER 5, 1873.

	7	10	2	4	9
Barom.		30,291		30.348	
Att. Th.		65.3		70.3	
3235		38.0	37.4	35.1	
125 30		37.1	36.9	34.8	
No. 4	36.0	37.3	37.0	34.7	
Min.		34.3 (37.1)			
Solar				93.0 (34.5)	
Max.		61.6 (38.2)			
Dry		38.7		35.7	
Wet		30.8		28.9	
Gauge		1 8/10			
Wind		W		7 W	
Clouds		6 R R		10 R	

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SATURDAY, DECEMBER 6, 1873.

	7	10	2	4	9
Barom.		30.459		30.470	
Att. Th.		57.7		64.1	
3235		30,0	33,8	33.6	
12530		29.0	33.1	32.9	
No. 4	24.3	29.4	33.2	33.0	27.2
Min.		24.2 (29.0)			
Polar				99.6 (37.7)	
Max.		38.5 (30.3)			
Dry		30.7		34,0	
Wet		26.2		27.4	
Gauge C		0			
Wind		5c N		5c N	
Clouds		10 Pm		7 Pm Fm Rm Rs Rz	

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SUNDAY, DECEMBER 7, 1873.

	7	10	2	4	9
Barom.		30.627		30.610	
Att. Th.		57.8		64.9	
3235		25.2		29.7	
12530		24.7		28.9	
No. 4	19.7	24.6	29.9	28.9	22.3
Min.		18.4 (24.7)			
Solar				101.0 (31.3)	
Max.		33.6 (27.0)			
Dry		26.2		30.1	
Wet		22.1		23.3	
Gauge C		0			
Wind		NW		3/4 N.	
Clouds		0		X	

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MONDAY, DECEMBER 8, 1873

	7	10	2	4	9
Barom.		30.716		30.620	
Att. Th.		60.4		64.8	
3235		24.6	35.0	34.5	
12530		23.5	34.8	33.8	
No. 4	19.2	23.7	35.0	33.9	32.4
Min.		15.7 (23.4)		950 (37.5)	
Solar					
Max.		29.9 (24.9)			
Dry		25.4		35.0	
Wet		22.2		31.8	
Gauge		0			
Wind		3e N		1e N	
Clouds		9 Pz; thin		10 Pz fm	

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TUESDAY, DECEMBER 9, 1873.

	7	10	2	4	9
Barom.		30.004		29.856	
Att. Th.		62.1		62.7	
3235		43.8	48.7	47.2	
12530		43.1	47.7	46.4	
No. 4	25.8	43.6	48.4	46.7	41.6
Min.		23.4 (42.8)			
Solar				64.0 (45.5)	
Max.		43.2 (42.1)			
Dry		44.4		48.2	
Wet		42.0		45.0	
Gauge C		13½			
Wind		6 SW		6 W	
Clouds		10 Pm raining		10 Pm Fm	

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WEDNESDAY, DECEMBER 10, 1873.

	7	10	2	4	9
Barom.	/	30.168		30.235	/
Att. Th.		63.7		69.5	
3235		38.8	38.0	35.1	
12530		38.0	37.2	34.8	
No. 4	33.5	38.3	37.4	34.7	27.6
Min.		33.0 (37.9)			
Solar				10.0 (35.3)	
Max.		48.1 (38.5)			
Dry		39.4		35.8	
Wet		32.7		28.3	
Gauge C		0			
Wind		7e NW		8e N	
Clouds		9 Pm Fm		0	

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THURSDAY, DECEMBER 11, 1873.

	7	10	2	4	9
Barom.		30.250		29.978	
Att. Th.		58.9		56.7	
3235		29.8	32.5	33.7	
12530		29.0	31.6	32.9	
No. 4	26.7	29.2	31.9	33.1	
Min.		21.1 (29.0)			
Solar				77.5 (32.6)	
Max.		38.6 (30.3)			
Dry		30.5		34.2	
Wet		25.6		32.0	
Gauge		0			
Wind		4e S		5e S	
Clouds		10 R Rs Pm		10 Pm Fog a little snow	

Snow beginning about noon.

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1873phae.proj .37

FRIDAY, DECEMBER 12, 1873.

	7	10	2	21	9 45
Barom.		29.790		29.708	
Att. Th.		61.0		58.2	
3235		39.7	41.3	41.0	
12530		38.8	40.3	40.2	
Wet	36.8	39.0	40.8	40.6	37.2
Min.		29.0 (38.5)			
Solar				46.0 (41.1)	
Max.		38.8 (38.8)			
Dry		40.2		41.8	
Wet		38.8		40.1	
Gauge C		21 8/10			
Wind		1c S		0 calm	
Clouds		10 Pm raining		10 Pm	

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SATURDAY, DECEMBER 13, 1873.

	7	10	2	4	9
Barom.		29.676		29.413	
Att. Th.		57.3		61.3	
3235		39.0	40.8	40.8	
12530		38.0	40.0	40.0	
No. 4		38.6	40.0	40.5	
Min.		35.1 (38.1)			
Solar				42.4 (40.6)	
Max.		40.6 (38.6)			
Dry		40.1		41.7	
Wet		38.7		40.4	
Gauge C		60		56	
Wind		4 NE		5 NE	
Clouds		10 Pm raining		10 Pm raining	

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Tuesday ~~SUNDAY~~, DECEMBER 16, 1873.

	7	10	2	4	9
Barom.		30.335		30.272	
Att. Th.		59.4		66.1	
3235		37.3	45.2	42.9	
12530		36.1	44.6	42.1	
No. 4	34.3	36.4	44.6	42.2	38.9
Min.		25.3 (36.2)			
Solar				111.0 (48.4)	
Max.		36.6 (36.6)			
Dry		38.3		43.4	
Wet		35.5		38.1	
Gauge C		0			
Wind		5e SW		5e SW	
Clouds		9 PtRs		7 PtRs	

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MONDAY, DECEMBER 15, 1873.

	7	10	2½	4	9
Baron.		30.208		30.278	
Att. Th.		57.5		62.6	
3235		33.2	34.9	33.2	
12580		31.9	34.1	32.8	
No. 4		32.8	34.3	32.8	28.4
Min.		26.3 (32.2)			
Solar				105.0 (33.3)	
Max.		35.5 (33.0)			
Dry		33.9		33.9	
Wet		31.2		29.0	
Gauge C		0			
Wind		5² N		6² N	
Clouds		6 Pm Fm		0 Pm R1	

At 9 5/12 P.M. before wetting
Dry 33.6 Wet 32.1 No 4 32.4

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~~Sunday December 14~~

— ~~TUESDAY,~~ DECEMBER ~~16~~, 1873.

	7	10	2	4	9
Barom.		29.820		29.866	
Att. Th.		56.4		59.6	
3235		26.4		31.7	
12530		25.3		30.1	
No. 4	25.8	26.1	31.6	21.3	31.6
Min.		24.7 (26.4)			
Solar				98.0 (35.4)	
Max.		40.0 (29.8)			
Dry				33.3	
Wet	Dry	27.9		31.4	
Gauge Ct	Ht	23.8			
Wind		N.W		W.W	
Clouds		×		3 Pm Tm	R

† 36.26° at 10 A.M. Dec. 14 } In all
56 " 4 P.M. " 13 } gauge C 92 1/4

× Light haze in horizon.

– By mistake of observer, should be Sunday, Dec. 14

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WEDNESDAY, DECEMBER 17, 1873.

	7	10	2	4	9
Barom.		30.220		30.144	
Att. Th.		62.8		68.0	
3.235		34.6	40.0	40.9	
12530		33.9	39.0	40.3	
No. 4	35.0	34.1	39.0	40.3	31.9
Min.		33.0 (33.4)			
Solar				104.2 (41.5)	
Max.		44.7 (34.8)			
Dry		35.3		41.4	
Wet		33.4		38.1	
Gauge		0 1/10			
Wind		4e SW		1e SW	
Clouds		10 Rm fog		4 RR haze	

At 9 5/12 A.M. before wetting
Dry 35.0 Wet 33.5 No.4 33.8

yf y>N

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THURSDAY, DECEMBER 18, 1873.

	7	10	2	4	9
Barom.		30.080		30.000	
Att. Th.		62.1		66.0	
3235		33.6	41,8	41.7	
12530		32.2	40.9	40.8	
No. 4	29.5	32.6	41.0	40.7	34.0
Min.		27.7 (32.3)			
Solar				99.7 (43°)	
Max.		41.0 (33.4)			
Dry		34.4		42.3	
Wet		32.0		38.4	
Gauge C		0			
Wind		4° SW		0 calm	
Clouds		9 Pt Rain		9 Pm Fair	

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FRIDAY, DECEMBER 19, 1873.

	7	10	2	9	90
Barom.		30.027		29.883	
Att. Th.		64.2		61.0	
3235		34.9	39.3	38.1	
12530		33.9	38.6	37.5	
No 4	28.8	34.2	38.7	37.6	37.6
Mrcu.		28.3 (34.0)			
Solar				49.8 (36.9)	
Max.		41.2 (35.0)			
Dry		35.8		38.9	
Wet		33.3		37.1	
Gauge		0			
Wind		3° N		6° SE	
Clouds		10 Pm		10 Pm raining	

At 9h 5m A.M. before wetting
Dry 33.3 Wet 31.7 No. 4 31.6

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SATURDAY, DECEMBER 20, 1873.

	7	10	2	4	9
Barom.		29.819		29.896	
Att. Th.		51.4		56.3	
3235		34.7	36.2	35.2	
12530		33.9	35.7	34.7	
No. 4	33.0	33.8	35.7	34.5	33.2
Min.		33.0 (33.6)			
Solar				100.0 (38.2)	
Max.		38.9 (34.0)			
Dry		35.4		35.8	
Wet		31.6		30.7	
Gauge C		54			
Wind		5 NW		5 NW	
Clouds		10 Pm		0 Pm fm	

After the rain measure of today the Measuring glass for gauge C fell apart where it had been mended and was broken to pieces by the fall. Future records will therefore depend on weighing the water collected, or on measuring it in glasses graduated to ounces avoirdupois.

Gauge A emptied at 10 A.M.

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SUNDAY, DECEMBER 21, 1873.

	7	10	2	4	9
Barom.		30.333		30.350	
Att. Th.		4.70		6.2	
3235		17.6		23.9	
12530		16.8		23.2	
No. 4		16.8	× 39.3.	23.1	18.3
Min.		13.0 (16.4)			
Solar				93.0 (20.1)	
Max.		31.5 (18.8)			
Dry		18.0		24.9	
Wet		14.2		20.0	
Gauge C					
Wind		3/4 N W		3/4 N.	
Clouds		1 Rs		1 Rs.	

× Maximum reading Dec. 22 shows that the 2 P.M. reading Dec. 21 was about 23.3.

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MONDAY, DECEMBER 22, 1873.

	7	10	2	4	9
Barom.		30.468		30.465	
Att. Th.		51.8		66.3	
3285		22.3	29.8	28.9	
12530		21.7	28.9	28.2	
No. 4	15.8	21.6	28.9	28.3	22.1
Min.		15.2 (21.5)			
Solar				99.0 (81.0)	
Max.		23.9 (23.0)			
Dry		23.2		29.5	
Wet		20.5		24.8	
Gauge C		0			
Wind		5 SW		5 NW	
Clouds		3 Rs		0	

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TUESDAY, DECEMBER 23, 1873.

	7	10	2	4	9
Barom.		30.467		30.370	
Att. Th.		53.3		65.0	
3235		19.8	28.9	30.0	
2530		18.9	28.0	29.3	
No. 4	14.5'	19.0	28.4	29.4	28.6
Min.		14.0 (18.7)			
Solar				37.7 (29.8)	
Max.		29.1 (20.4)			
Dry		20.7		30.9	
Wet		18.8		26.7	
Gauge C		0			
Wind		4° N		3° N	
Clouds		10 R		10 R	

At 9½ A.M. before wetting
Dry 18.0 Wet 16.4 No. 4 16.6

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WEDNESDAY, DECEMBER 24, 1873.

	7	10	2	4	9
Barom.		30.142		30.108	
Att. Th.		56.9		64.6	
3235		26.2	37.5	35.7	
12530		25.4	36.6	35.0	
No. 4	24.0	25.6	36.6	35.1	30.7
Max.		18.6 (25.3)			
Solar				103.1 (39.9)	
Max.		29.3 (26.7)			
Dry		27.1		36.2	
Wet		23.2		29.8	
Gauge C		0			
Wind		6° N		4° NW	
Clouds		0 R Rs		0 Rs	

At 9 5/12 A.M. before wetting
Dry 24.8 Wet 23.2 No. 4 23.2

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Dec 20, 1873.

THURSDAY, DECEMBER 25, 1873.

	7	10	2	4	9
Barom.		30.102		30.098	
Att. Th.		57.6		61.5	
3235		33.9	34,8	34,3	
12530		33,3	34.0	33,7	
No. 4	30.8	33.4	34,2	33.7	
Min.,		25.2 (33.0)			
Solar				46.2 (34,2)	
Max.		37.2 (33.8)			
Dry		34.7		35.0	
Wet		30.3		29,5	
Gauge C		0			
Wind		3 c W		5 c N	
Clouds		10 Pm		10 Pm	

At 9½ A.M. before watering
Dry 33.3 Wet 31.9 No. 4 32.1

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FRIDAY, DECEMBER 26, 1873.

	7	10	2	4	9 25
Barom.		29.900		29.650	
Att. Th.		52.9		56.5	
3235		29.1	35.2	30.8	
12530		28.6	34.6	30.0	
No. 4	27.2	28.7	34.7	30.4	29.3
Min.		26.7 (28.2)			
Solar				39.5 (31.3)	
Max.		34.8 (29.4)			
Dry		29.9		31.4	
Wet		27.0		*32.0	
Gauge C		0			
Wind		6c N		1c NE	
Clouds		10 R snowing		10 R snowing	

* Wetted at 3 P.M.

Snow and rain 10 A.M. to 4 P.M.; snow melting; at 4 P.M. snowing thicker, ground beginning to be whitened. At 4 P.M. gauge C 1 5/8 ounces; 0.143 inches

Snowing quite hard at 9.30 P.M.

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SATURDAY, DECEMBER 27, 1873.

	7	10	2	4	9
Barom.		29.810		29.792	
Att. Th.		57.4		62.8	
3235		23.8	25.8	26.5	
12530		22.8	25.1	25.8	
No. 4	21.3	23.1	25.8	26.0	27.8
Maxi.		20.1 (22.5)		51.4 (28.8)	
Solar					
Max.		36.1 (24.0)			
Dry		24.5		27.1	
Wet		22.1		25.6	
Gauge C		*			
Wind		6 N		6 NE	
Clouds		10R		10R; snowing	

* Snow stopped during the night; measured at 10 A.M.; much drifted; apparently about 4 inches on the average. 10 inches in cylinder 1 7/4 inches across weigh 2 1/8 ounces. Hence rainfall 0.534 inches, to which should be added 0.143 inches from gauge C at 4 P.M. Dec. 26 before the snow had begun to collect on the ground; hence in all 0.677 inches

Gauge C at 10 A.M. gives 2 3/4 ounces; 0243 inches, but the result by measurement is preferable.

Snow about noon and later.

Snowing at 9 P.M.

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SUNDAY, DECEMBER 28, 1873.

	7	10.30	2	4	9
Barom.		29.200		29.490	
Att. Th.		32.0		36.4	
3235		28.7		30.6	
12530		27.7		29.7	
No. 4.	24.3	28.4	29.5	29.2	27.9
Mom.		22.(27.6)			
Solar				37.0(33.0)	
Max.		32.1 (31.1)			
Dry		29.5		31.4	
Wet		28.1		27.6	
Gauge		X			
Wind		XX 1/10 W		5 W	
Clouds		Snowing		9 Sm Pr	

Stopped snowing at about 1 P.M.

XX Anemometer probably clogged up. The wind was not strong but there was some breeze.

X Snow. average depth = 10 in drifted places to 2 ft.

Top of Rain gauge was covered about 2 in with Snow

* At 11 A.M. new Snow estimated by measures in various places to be about 10 inches deep. Total depth of snow not much over 12 inches, but old snow no doubt settled considerably. 10 inches of new snow melted yielded 1 7/8 inches in diameter weight 2 ounces. Heavy rainfall 1.255 inches. No snow of much consequence later in the day.

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MONDAY, DECEMBER 29, 1873.

	7	10	2	4	9
Barom.		29.816		29.628	
Att. Th.		55.0		57.0	
3235		27.0	33.9	33.5	
2530		25.8	32.0	32.3	
No. 4		26.3	33.2	32.7	28.3
Mejn.		22.0 (25.8)			
Solar				43.9 (33.0)	
Max.		31.8 (28.0)			
Dry		28.0		34.0	
Wet		25.4		29.0	
Gauge C		×			
Wind		3 c S		8 c SW	
Clouds		10 Pt Rm thin		10 Pt	

× Gauge C buried in snow. Very little snow fell after the measurement of Dec. 28. ~~So that the~~ Snow was drifted ~~on the~~ gauge. Gauge cleared out.

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TUESDAY, DECEMBER 30, 1873.

	7	10	2	4	9
Barom.		29.854		29.962	
Att. Th.		56.2		53.0	
3235		22.1	22.0	15.6	
12530		21.5	21.1	15.1	
No. 4		21.5	21.7	15.0	8.7
Min.		18.4 (21.2)			
Solar				103.0 (35.0)	
Max.		33.3 (23.3)			
Dry		23.0		16.0	
Wet		19.3		13.0	
Gauge		*			
Wind		5² W		10² NW	
Clouds		0 Rs		0 Fm	

* A little snow apparently blown into the gauge, and more seems to have fallen since yesterday

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1873phae.proj..37

WEDNESDAY, DECEMBER 31, 1873.

	7	10	2	4	9 11.30
Barom.		30.208		30.283	
Att. Th.		50.2		62.0	
B235		25.8	32.8	30.9	
12530		25.0	32.0	30.2	
No. 4	16.7	25.0	32.1	30.4	20.6
Mean.		7.6 (25.0)			
So far				99.1 (34.5)	
Max.		25.3 (26.0)			
Dry		26.4		31.4	
Wet		22.6		26.3	
Gauge C		0			
Wind		14° SW		8° SW	
Clouds		0 Rs		7 PRRs	

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MEMORANDA.

Jun. 1 1874

7	30.370		30.322
	53.0		63.0
	32,8	42.3	40,0
27.3	31,8	41.3	39.3
	32,4	42.0	39.5
	18,0 (32.0)		
			88.3 (41.0)
	32.0 (32.0)		
	33,6	(9P M)	40,6
	29.9	(36.8)	36.0
	0		
	5° SW		4° S
	9 PtRoRm		10 PtRm

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MEMORANDA.

Jan. 2 1874

7	12½	2 1/6	4	9
	30.271		30.268	
	68.0		64.5	
	41.0	41.7	41.0	
34.5	40.1	41.0	40.2	
	40.7	41.6	40.6	
	32.0 (40.0)			
			55.6 (42.0)	
	41.9 (40.5)			
	42.0		41.8	
	40.5		39.8	
	2 1/4			
	2° S		4° SW	
	10 Pm fog		10 Pm	
	rainlike			

9 P.M.

37.9

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MEMORANDA.

Barometer readings Nov. 18, 1873.

Time	Barometer	Barometer reading	Attached Therm.
10 A.M.	Newman 57	28.717	67.1
10 1/12 "	" 68	28.630	35.8
10 1/6 "	" 57	28.710	66.6
10 24/60 "	" 57	28.698	65.8
10 1/3 "	" 68	28.612	36.1
11 48/60 "	" 68	28.588	36.3
11 1/3 "	" 57	28.653	63.1
11 35/60 "	" 68	28.574	36.8
11 36/60 "	" 57	28.640	62.3
12 M "	" 68	28.564	37.0
12 2/60 P.M.	" 57	28.630	61.8
12 2/3 "	" 68	28.585	37.0
12 41/60 "	" 57	28.654	61.7
2 4/60 "	" 57	28.700	63.5
4 "	" 57	28.814	60.7
6 18/60 "	" 57	28.952	60.0

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Jan. 3 18

10 | 4

30.400 | 30.350
63.2 | 71.5
35.0 | 38.0
34.1 | 37.3
34.7 | 37.6
31.3 (34.0) | 53.6 (38.0)
41.4 (35.2)
35.6 | 38.8
34.0 | 37.0
0 3/8 | 0
1.2 SW | 0 calm
1.0 Pm fog | 10 Pm thick fog
2 P.M.
39.5
38.7
39.1 | 9 P.M. (38.9)

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Jan. 15, 10 A.M. 2 P.M. 9 P.M

Bar.	29.716	No.2 19.4	
Att.	49.3	No.3 18.2	11.5
No.2	15.8	No.4 19.2	11.2
3	15.0		10.8
4	14.9	4 P.M.	
Max	30.3	Bar. 29.620	
"	18.0	Att. 49.5	
Min.	10.4	No 2 18.1	
"	14.9	3 17.1	
Dry	16.9	4 17.7	
Wet	14.4	Solar 108.7	
Rainfall	see enviro measures	" 35.5	
Wind	5° W	Dry 19.0	
Clouds	0 7m	Wet 15.8	
Snow measures	11	Wind 7° W	
	12½	Clouds 9 Pt Bn 7m	
	9		
	18½	6¼ P.M.	
	10½		
	11		
	11½		
	10		
	12		
	10		

Aurora: arch somewhat vague; a few streamers; faint reddish light on upper edge of arch.

Mean 10.8 inches

12 inches in cylinder
1⅞ inches in diameter
weigh 2 7/11 ounces

9.79770
0.43933
8.92052
1.03342
0.19127

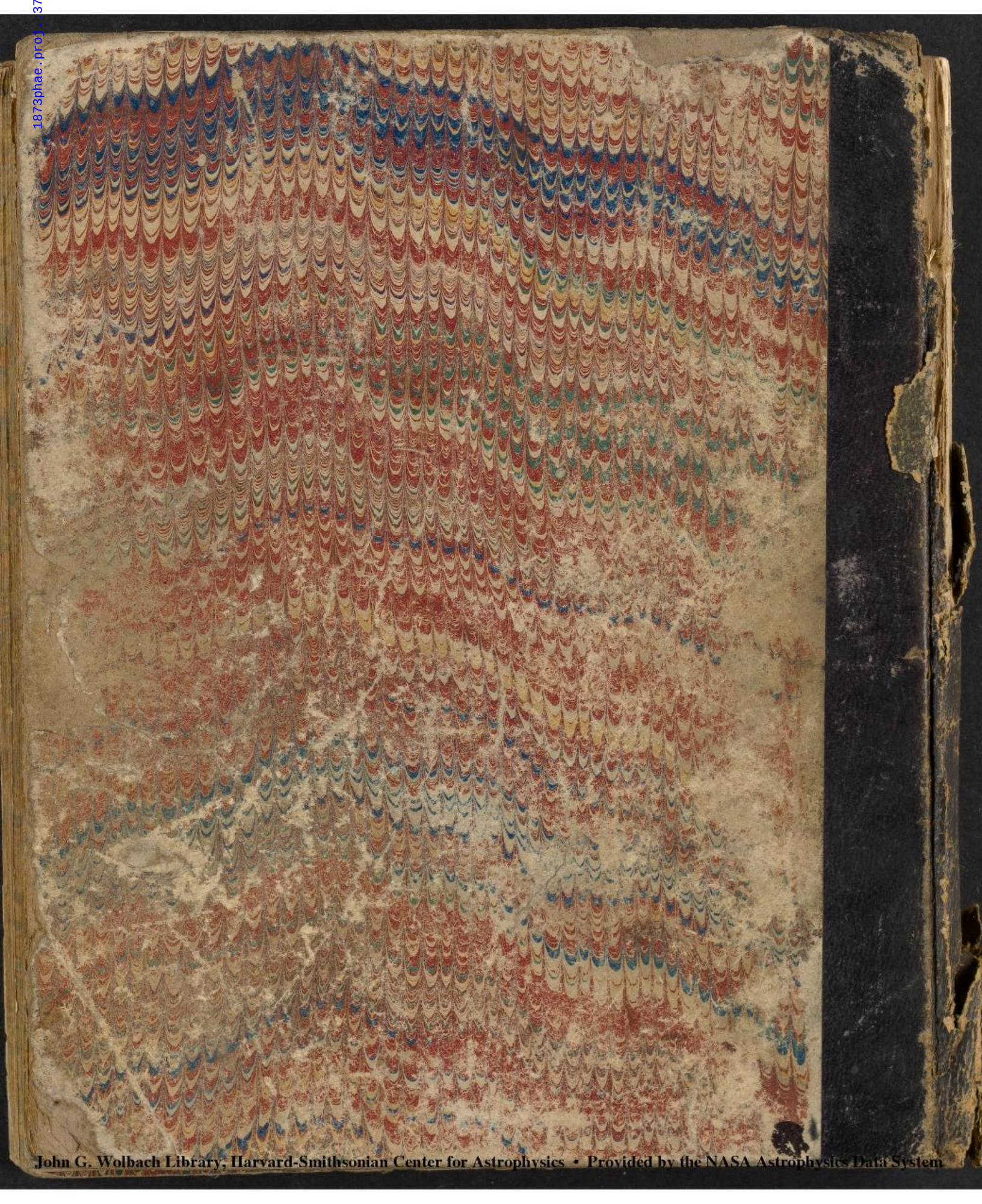
1.553 inches Jan. 14
Less 1.546 inches Jan. 15
0.007 "

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