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P2

Meteorological
Observations
1866

although this diary is
one made for 1865; the
day of the week is corrected
for 1866 in the original entries,
but the year is left uncorrected
after May 7

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CALENDAR FOR 1865.

	S	M	T	W	T	F	S
JAN.	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	..	..	..	..
FEB.	..	..	..	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	..	..	..	..
MAR.	..	..	..	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	..
	..	..	..	..	..	..	..

	S	M	T	W	T	F	S
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	..	..	..	..	..
AUG.	..	..	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.	..	..	..	..	..	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
OCT.	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	..	..	..	..
NOV.	..	..	..	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.	..	..	..	..	..	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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SUNDAY, January 1st, 1865.

Started to Washington to attend a meeting of the National Academy

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MONDAY, January 2d, 1865.

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TUESDAY, January 3d, 1865.

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WEDNESDAY, January 4th, 1865.

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THURSDAY, January 5th, 1865.

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FRIDAY, January 6th, 1865.

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SATURDAY, January 7th, 1865.

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SUNDAY, January 8th, 1865.

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MONDAY, January 9th, 1865.

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TUESDAY, January 10th, 1865.

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WEDNESDAY, January 11th, 1865.

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THURSDAY, January 12th, 1865.

Arrived from Washington

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FRIDAY, January 13th, 1865.

Death of Mr. W. P. G. Bartlett
Assistant in the Office of the
Nautical Almanac.

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SATURDAY, January 14th, 1865.

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SUNDAY, January 15th, 1865.

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MONDAY, January 16th, 1865.

Funeral of Mr. Bartlett

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TUESDAY, January 17th, 1865.

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WEDNESDAY, January 18th, 1865.

Must write about requisition to Admr.
Was Prof Peirce consulted Messrs
on Neptune Vas if asen.
What Mass was used in Brunns or
Otn Sem. Did he used to Longs a Mass.
Inclosed to Dr Hyman $7.50

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THURSDAY, January 19th, 1865.

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FRIDAY, January 20th, 1865.

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SATURDAY, January 21st, 1865.

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SUNDAY, January 22d, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pr

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MONDAY, January 23d, 1865.

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TUESDAY, January 24th, 1865.

Debate on the Book of Daniel

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WEDNESDAY, January 25th, 1865.

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THURSDAY, January 26th, 1865.

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FRIDAY, January 27th, 1865.

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SATURDAY, January 28th, 1865.

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SUNDAY, January 29th, 1865.

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MONDAY, January 30th, 1865.

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TUESDAY, January 31st, 1865.

Oil painted Carpet put down in the office

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WEDNESDAY, February 1st, 1865.

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THURSDAY, February 2d, 1865.

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FRIDAY, February 3d, 1865.

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SATURDAY, February 4th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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SUNDAY, February 5th, 1865.

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MONDAY, February 6th, 1865.

Mr. Moriarty begins work for the Office -

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TUESDAY, February 7th, 1865.

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WEDNESDAY, February 8th, 1865.

Shelves put in the Cabinet by Parsons

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THURSDAY, February 9th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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FRIDAY, February 10th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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FRIDAY, March 31st, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics

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SATURDAY, April 1st, 1865.

Sent to Towne & Rand to be bound British Nau Alm. 1866, 1867, & 1868, with 1865 for pattern. Berlin Jahrbuch 1867, with 1866 for pattern. Bremiker's six place logs. with a bound copy for pattern. Vol 63 of Astron. Nach and Vol 62 for pattern. Gregory's Arts & Sciences to be repaired.

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SUNDAY, April 2d, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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MONDAY, April 3d, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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TUESDAY, April 4th, 1865.

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WEDNESDAY, April 5th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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THURSDAY, April 6th, 1865.

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FRIDAY, April 7th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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SATURDAY, April 8th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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SUNDAY, April 9th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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MONDAY, April 10th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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TUESDAY, April 11th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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WEDNESDAY, April 12th, 1865.

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THURSDAY, April 13th, 1865.

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FRIDAY, April 14th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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SATURDAY, April 15th, 1865.

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SUNDAY, April 16th, 1865.

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MONDAY, April 17th, 1865.

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TUESDAY, April 18th, 1865.

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WEDNESDAY, April 19th, 1865.

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THURSDAY, April 20th, 1865.

Mr. Austin begins work for the office.

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FRIDAY, April 21st, 1865.

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SATURDAY, April 22d, 1865.

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SUNDAY, April 23d, 1865.

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MONDAY, April 24th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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TUESDAY, April 25th, 1865.

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Pro

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WEDNESDAY, April 26th, 1865.

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THURSDAY, April 27th, 1865.

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FRIDAY, April 28th, 1865.

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SATURDAY, April 29th, 1865.

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SUNDAY, April 30th, 1865.

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Tuesday ~~MONDAY~~, May 1st, 1866.

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(Fastn + 25°.33).1805 = Fahrt

Division of Scale of Fastn as determined by Fastn 1864 is 9.975 divisions to one degree Cent. f = 5°.5416 to one degree Fahrenheit the freezing point determined by Mr J. Winlock March 1866 is 152 arbitrary scale

Then

(Fahrenheit − 32)f = Fastn − 152

$$\text{Fahrenheit} = \frac{\text{Fastn} - 152 + 32f}{f}$$

= (Fastn + 25.33).18045

That is add 25.33 to the number of divisions read on Fastn and multiply the sum by .18045 and the product will be the temperature in Fahrenheit Degrees

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Thursday ~~WEDNESDAY~~, May 3d, 1866.

72

No 4 Thermometer 44½

Barometer 29.62

9 Testa 2 3/3 –

No 4 47½

No 1 Huddleston 46 3/4

Wet Bulb 40

Sizes min 46

Mean 45 ½

Cumulo Strates

~~Storms about 7 o'clock~~ with

~~high~~ wind 7

Clouds 3

at 9 wind ~~strong~~ 7

Bar. 29.384 attachment 5-2° at 2h 30m

No.4 53.2 No.1 53 Testa 269

wet bulb 43.2.

~~Strong~~ ~~wind~~ 7 Cir. Cu. Strates. 2

Sweet 54½ mar 51½

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Friday 7 ~~THURSDAY~~, May 4th, 1866.

Barom 29.66 Nor, Thr. 46
at 9.30 Faster 260, N04 52
Min. 52 Max 50
S01 51½ Wet Bulb 43
Good breeze & Wind. Cir Cultn. 3

9. P.M.
Barometr 29.65
N04 51.2 Min 51
N01 50.7 Max 50
Wet Bulb 43

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Saturday FRIDAY, May 5th, 1866.

7

Bar 29.62 NO 4 46 NO 1 45½

9 A. M Bar 29.58 NO 4. 52½

NO 1 52 Centre 265

Wet bulb 43 Min 52½

Max 50½

Cir. Cum. Light mixed

clouds 2

2 P. M. 29.584 NO 4, 55

NO 1 54.3 Centre 279

Wet Bulb 44½ Min 55

Max 55.2

Stony mind Cumulus 10

completely overcast

9 P M 29.72 NO 4 50

NO 1 49½ Min 50

Wet bulb 43 Max 48

Stormy mind Nimbus 10

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Sunday ~~SATURDAY~~, May 6th. 1866.

Bar. 29.80. Ther. 50. No 1 49½

No. 1 57°. No 4, 57.2

Wet. 48

Wind SW Min. 56½ Max. 54 3/4

Light breeze & cloudless 2

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~~SUNDAY~~, May 7th, 1866

Monday 6

7 Bar. 30.51 Alt 44. Alt 4 3/4

9h Alt 49 1/2 Alt 48. 3/4

Met 40

Sextus 245°

Perfectly Clear & Calm

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Tuesday ~~MONDAY~~, May 8th, 1865.

7
Bar 30. 118 No 4 46½
No 1 56½ Faster 290
9 Wet 50½ No 4 57.2
little lake 57.2
Clear, 56 ; max 59
Clouds Cir. with Haze 2

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Wednesday ~~TUESDAY~~, May 9th, 1865.

B. 29.748 Do. 4 N 3½

9 o Clock

No 1 S4 Zenith 27S — No 4 S4¼

Ver 53½ Sit Adm. S4¼

Raining

Wind blowing fresh South East

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Thursday ~~WEDNESDAY~~, May 10th, 1865.

Bar 29.844 Ao4 54

10h 20m Ao4 63 Ao1 62.75
Met 50.½

Fusths 323 Min 53
Max 61
Little Adie 63
Cir
~~Light Airs~~ Good Breeze

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Friday ~~THURSDAY~~, May 11th, 1865.

Bar, 29.94 51½

9 o'clock No 4 63½ Taste 322
Wet 55½ Little sea 63
No 1 63
Breeze calm

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Sat, 12 ~~FRIDAY, May 12th, 1865.~~

Bar. 29.896 Ao4 ∫-6

9. Ao1 66½, Ao4 67
Little Ada 66½
Faster 3½2

Haze Calm

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Sunday

SATURDAY, May 13th, 1865.

Bar 29.81

9 Dol 72.7 Dash 376.
Wet 63.0 Dol 72.8
Little Adie 69°

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Monday

SUNDAY, May 14th, 1865.

Regr. 29,608 N04 46

Regr N01 47½ Fesha 240
Wet 41 N04 48
Little Adu 47¾

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Tuesday

~~MONDAY~~, May 15th, 1865.

Order given to the printer to-day for an edition of 500 copies Alms. 1866 large.

~~7. o'clock. Bar. 30,15 Nor 45½~~

Bar. 30, 14 Nor 45½

7. Nor 50½ Fostia 25-6
Mer 43 Nor 51¼
Little Hdie 51.

3

Air
Calm

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Wednesday

TUESDAY, May 16th, 1865.

7 o'clock

Bar 29.74 No4 5-6

9h 0m / No.1, 67 Faster 347
Met 56½ No4 64.7

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Thursday

~~WEDNESDAY~~, May 17th, 1865.

Bar 29.916 N04 44

9. N0j 43½ N04 44
Wet 43 little ⅛. 43½
Thermometers all but the window
having been left open.
Clouds 10
Raining a little. Light breeze.

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~~Friday~~

THURSDAY, May 18th, 1865.

Burt 29.968 N 4 46 —

9h N 1 44½ Faster 22 3
Mt 44½ N 4 45½
Little Adv 45
Running. Light. Cirrus

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~~FRIDAY~~, May 19th, 1865.

Bar 29,808 Dry 5°0

Sol 5 4 Sol 4 5 4 3/4
Wet 5 3 1/2

Clouds 10
Light Rain

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Sunday

SATURDAY, May 20th, 1865.

Sh4 5m 2

Clear

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Monday

SUNDAY, May 21st, 1865.

Bar. 29.65 — Noon 5-2½

Clouds 10.
No wind

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Tuesday

MONDAY, May 22d, 1865.

Bar. 29.58 N.N.W. 44

9. N.N.W. 1.49 N.N.W. 49½
Ost 47½
Colonds 10
light Wind

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Wednesday

TUESDAY, May 23d, 1865.

Bar 29.85 — Alt 45°

Alt 9½ Alt 5°1
Wet 43

Clear. Cloudy, Cir 3
Light Wind

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Thursday

WEDNESDAY, May 24th, 1865.

Bost. 30 0/32 Aug. 46 1/2

Nol. 53 1/2 Bos 54 1/2
net 47

Amerst. Good barge

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Friday

~~THURSDAY~~, May 25th, 1865.

Bar. 29.86 Alt 50 ½

No.1 57 ½ Alt 58 ½
Mot 53 ½

Colonda 10
Strong breeze

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Saturday

FRIDAY, May 26th, 1865.

Bar 29.76. Do. 4 48

Do. 1 S.S. 3/4 Do 4 S. 6 1/2
Mist S-3

Haze. Mist Cirst 10
Calm

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Sunday

~~SATURDAY~~, May 27th, 1865.

Bar 29.75 – Ther 48½

Raining

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Monday

~~SUNDAY~~, May 28th, 1865.

B 29 34 Noon 56½

Drizzly, Cloudy 10

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Tuesday

MONDAY, May 29th, 1865.

B 29.53 N04. 54½

9½ N01 58.¾ N04 59½
West 52

The Winds was from
light breeze Cir. 3

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Wednesday

TUESDAY, May 30th, 1865.

Barometer, 29.498 Dry 5° 3½

9 o'clock

Wet 5° 5½ Dew 5° 5½

Wet 5° 4½

Clouds 10

Raining a little

No wind.

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Thursday

WEDNESDAY, May 31st, 1865.

Boy. 57½

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Sunday

THURSDAY, June 1st, 1865.

Bar, 31, 5-0 Stg 5-1½

9 o'clock

Sto 5-7½ Sto 5-4 3/3
Wet 5-3½

Air 3
light Wind

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Saturday

FRIDAY, June 2d, 1865.

B 30. J-3 ~~Ao4 J-1~~ Ao4 J-1½

9. Ao.1 J-J-½ Ao4 J-6
Met J-3

Clouds over east 10
light breeze

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Sunday

~~SATURDAY,~~ June 3d, 1865.

Bar 29.98 Ath 57½

9 o'clock Ath 63¾ Ath 64¾
Mer 60½

Overcast Light breeze

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Monday

SUNDAY, June 4th, 1865.

Bar. 28.878 Std 5-3½

9 o' Clock

No. 1 5-3½ Std 5-4

Net 5-3½

Raining light breeze —

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Tuesday

~~MONDAY~~, June 5th, 1865.

Bar. 29.93 Dry 55½

9° Clock
No 1 56½ No 4 57
Wet 56

Raining little – Clouds 10
No Wind –

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Wednesday

TUESDAY, June 6th, 1865.

Bar. 28.33¼ Thy S S S ½

9 o'clock

N.N.E S 9 ¾ Ther 64 60

Wet S 8

Fog. Crescent

Clouds 10

Light breeze

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Thursday

WEDNESDAY, June 7th, 1865.

Bar. 29.668 N04 5-2½

N01 67
not 60

N04 68

Cirrus 8
light breeze

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Friday

THURSDAY, June 8th, 1865.

29 70 Alt 63

Alt 5h 9½
Dec 56

Alt 4h 5h 9¾

Clouds , 10
good buys of Cirrus

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Saturday

~~FRIDAY~~, June 9th, 1865.

Bar 30.138 Sky S 2

Sky 57
Wet 56
Dew 50

Clouds 10
Good buoyancy of Mind

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Sunday

SATURDAY, June 10th, 1865.

30.212 Ath 5° 5½

9° Clock
Bar. 30.198 Ath 5-6
Ath 1 5-5-3/4
Net 5-1½

Clouds 10
Light breeze

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Monday

~~SUNDAY~~, June 11th, 1865.

Bar 30.068 Ad 54 S 4

9 o'clock

Bar 30.050 Ad 64

Ad 62

Wet S'y

Clear by 1st kind

Clouds, Cir. cir. Strato 3

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Tuesday

~~MONDAY,~~ June 12th, 1865.

29.988 N04 56½

~~Bar~~ 30.064 N04 62
N01 61
Wet 49

Clouds
Clouds cir 2
Strong breeze -

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Wednesday

TUESDAY, June 13th, 1865.

Bar 30.05 — Dry 59½
Bar 30.062 — Wet 63
Att 63
Wet 56

Overcast
Clouds. — 10
light breeze

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WEDNESDAY, June 14th, 1865.

Bar

29,91

29,95-8

NW1 S-7½

Wet S-S-

Obs Cust

Light wind

Abg

S-S-½

S-7½

clouds 10

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Friday

THURSDAY, June 15th, 1865.

Bar
29.768

10 4
6 2

29.784
10 1 68
Wet 63½

69¼

Edwards Cir
Light Rain

6

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Saturday

FRIDAY, June 16th, 1865.

29,814 63½

29,868 70

8 01 68.75 –
Mist 62
moonset
no wind

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Sundays

SATURDAY, June 17th, 1865.

Bar. 29.934 No4 67½

29,30 No4 73½

No1 69½ little thin 69½

Out 62.75 Faster 364

Clouds Cir 8

light begun

The outer Shutters had been open which explains the diff between No1 and No4

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Morning

SUNDAY, June 18th, 1865.

29.84 Dry 69½

29.77 Dry 68

Dol. 67½

Wet Dying

ambient rain Storm

high wind

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Tuesday

~~MONDAY~~, June 19th, 1865.

29.834 — 64

29 876 — 70½
101 69
wet 68

clear. Cloudy — 0
good bright of Sun

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Wednesday

TUESDAY, June 20th, 1865.

29.93 N04 62

30.02 66.5-

N01 65.7

N/E 5-9

blue

Clouds cir. 5-

Stony Brook

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Thursday

WEDNESDAY, June 21st, 1865.

30.078 N.N.W. 68

31 74

N.N.W. 73

Wind 6 4 15"

Clear. Ans 2

Light breeze

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Friday

THURSDAY, June 22d, 1865.

29.906 Dew 70

29.944
Dew 74.5 Do. 4
Wet 67 75-½
Max 73 Min 75-
Easter 391
~~Little Dots~~ 7½ Thermometers
have all fallen two degrees
within ten minutes since the above
readings
Clear
good breeze

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Saturday

FRIDAY, June 23d, 1865.

29,85 64

29,94 77
rain 76
mist 65
thunder cust. Clouds 10
light rain

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Sunday June

SATURDAY, June 24th, 1865.

30.028 71

blue. Clouds cir 4
light breeze

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Monday

SUNDAY, June 25th, 1865.

30 83 71

10 o'clock

31 81½

So 1 81

Met 76

Cirrus 3

good breeze

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Tuesday

MONDAY, June 26th, 1865.

29.834 J8

30.208 84¼

Sol 83½

Wet 70½

Clear. Clouds Cir. 3

Cuba

11 o'clock Sol 85½ Sol4 86½

Faster 348

11 30 Sol 87

Sol4 87

Faster 45⁵

12 30 Sol 88½

Sol4 88½

Faster 465

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Wednesday

TUESDAY, June 27th, 1865.

29.85.2 75 2

11 o'clock

29,838 88 7

Dew 878

Wet 76.3/4

Clouds Cir 8

light breeze

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Thursday

WEDNESDAY, June 28th, 1865.

29.77 69

29.92 69 25

N.W. 68½

Raining

Clouds nimbus 10

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Friday

THURSDAY, June 29th, 1865.

29.962 5`9½

30,02
Sol 62 3/4 63
Mt 5`9

Clouds 10
Stormy wind

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Saturday

FRIDAY, June 30th, 1865.

30.012 — 60

31 000

101 63 ¼ — 63 3/4

Mist 5'8

Clouds — 10

good breeze —

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Sunday

~~SATURDAY~~, July 1st, 1865.

7 A M

30.146 No 4 61 1/2

9 A M

32.01 No 4 68.1/2

No 1 67 3/4 Dry

Wet 9

Clear Clouds cir 2

Light breeze

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Monday

~~SUNDAY~~, July 2d, 1865.

No observations taken

9.
30.276 74
Att 73½
Wet 64½

Clear Clouds
Clouds Cir. Stm
Light breeze

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Tuesday

MONDAY, July 3d, 1865.

~~30. 2/48~~ 70

31.00

No 1 78
Net 67 ~~79~~ 79

blew
Clouds on Stor 3
light breeze

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1866phae.proj.364

Wednesday

~~TUESDAY~~, July 4th, 1865.

29.95-6 70½

30.-- 79½

Ar 1, 78¼

70¼

Clouds cir. Stm. 7

Rainfall 1/2 02

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Thursday

WEDNESDAY, July 5th, 1865.

30.00 70

30.034
No 1 77 78
Wet 71

9 PM
Therm No 4 74.2°
Wet Bulb 70.0
Dry " 74.0
Barom 30.043
Att. Therm 76.7
Decimal of sky ~~clear .8~~ covered .2
Light breeze!

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Erdm

~~THURSDAY~~, July 6th, 1865.

7. A.M. 9 P.M. (1:30)

Dry 74½

Bar 29.996

Wet	80	Dry	79·9
	73	Wet	73·9
Dry	80¼	No 4	80·0
Clouds Cir. Cu.	.9		·6
Barom	30.046		29.936
Mt. Ther.	75°		79·5
Faster	419		

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Tabular

FRIDAY, July 7th, 1865.

7. A M

No 4 79
Bar 29.81

9 A.M

Bar 29.988
No 4 84½
No 1 83¾
Wet 76
Fastin 440
Att. Thr 79
Clouds Cir 10
No buoys

2. P.M

Bar. 29.95
Att Therm 87½
No 4 92½
No 1 92½
Wet 77
Fastin 486
Seabs 34.2
Cir Cen. .3

2h 30 P.M

Fastin 488.5
No 1 92.2
No 4 92.8
Seabs 34.5
No 5 92.5

3h 20 P.M

Fastin 490.5
No 4 93.0
No 5 92.8

7h 25m P.M

Fastin 443.0
No 4 84.3
No 5 84.3
Bar 29.927

10h 0m

No 4 79.0
Dry 78.2
Wet 72.0
Bar 29.944
Att. Therm 82.9

at 9h A.M. Sky all cov.) Sky covered 0.3

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London

SATURDAY, July 8th, 1865.

At 7 A.M.
Hoy 79½
Bar 29.798
At 9 A.M.
Bar 29.95⁻
At Thr. 81
Bo.4 87¾
Bo.1 87
Wet 77
Bo.5 86½
Scale 31.2
Faston 45°7
Clouds & Clear
light-breeze

3 P.M.
29.874
At. 90
Bo4 92.25⁻
Bo1 92
Wet 77
Bo5 92
Faston 48°6
Scale 84.1

Sky all cov. raining.

9 PM
No 4 72.9
Wet 71.5
Dry 71.9.
Bar 29.927
AT.Th. 81.0
No 5 ~~Faston~~ 72.5

Sky all cov. raining.

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1866phae.proj..364.

Monday

~~SUNDAY~~, July 9th, 1865.

7 A. M.
No 4 75° ½
Bar 29.954

9 45
No 4 78
Bar 30
No. 79
No 1 77
Met 72
Overcast.
Light haze
Rain fall
measured this
morning 35/100
Clouds

2h 30m P. M.
Bar 30.03
Att. 81
No 4 79½
No. 1 78½
Met 71
Stray lines

10 PM
No 4 64.7
Wet 58.8
Dry 64.5
Bar 30.166
Mt Ther 70.5
Sky cov. 0.3

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Tree Sedang

MONDAY, July 10th, 1865.

7 A.M.
Bar 30.286
Atty. 64
9 A.M.
B 30268
Dy 70
No 4 74.2
No 1 73.2
Mst 63
Cur. dir 4

9 P.M.
No 4 65.0
Dry 65.0
Wet 59.3
Bar 30.249
Att. Th. 71.7

Sky covered 0.0

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Wednesday

TUESDAY, July 11th, 1865.

7. A. M.
Bar. 30 176
~~A.T~~ 70
No 4 65½

9 A. M.
Bar 30. 214
At. Th. 70
No 4 77
No 1 75½
Wet 68
Dany 75¾
Clouds Str. 2
Light breeze

9. 20 P. M.
Barr 30. 110
At. Thr 70°.
No. 4 69°.5
W. bulb 69°.5
Navy 70.
Fashé 364
Clear
fresh breeze

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Thursday

~~WEDNESDAY~~, July 12th, 1865.

Bar 30.034
No 4 68½

10 A. M
30.084
Ar. Ther. 72
No 4 76
No 1 76
Wet 69½
Overcast – Clouds 10
Calm

9 P M
Bar 29.923
AN. Th 77.7
No 4 74.5
Dry 74.0
Wet 69.0
quite clear 0.0
light breeze.

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Friday

~~THURSDAY~~, July 13th, 1865.

7 A.M.

Bar 29.794
~~Ther~~ Ther 78
10h 20m A.M.
Bar 29.850
Att. Ther 78
No 4 87½
No 1 86½
Wet 76
Dry 87½
Haze
Light breeze
2 P.M.
Bar. 29.748
Att. Ther. 83°
No 4 92
No 1 91
Wet 77°
Dry 93
Zenith 480
Cirrous 6
Very little breeze

9 P.M.

No 4 78·8
Dry 78·5
Wet 72·6
Bar. 29·853
Att. Th. 83
Sky cov. 0·7
Force of wind
on scale of 10 2

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Saturday

~~FRIDAY~~, July 14th, 1865.

Bar 29.968
Ther 75°

11.00

Att Ther. 78
No 4 78
No 1 77½
Wet 68

Sunny 79
Cir. 3

Very little breeze –
3. P.M.

30.02
Att. Ther. 79
No 4 80½
No 1 79½
Wet 66½
Sunny 81
Clear.
light breeze

9 P.M.
No 4 70.9
Dry 70.2
Wet 64.5
Bar. 30.063
Att Ther 76
Sky cov. 0.0
Force of wind 2

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Sunday

SATURDAY, July 15th, 1865.

9 15 PM
Bar 30.018 29.999
No 4 72 Att Ther 82
11 A.M
No 4 88 No 4 80.9
No 1 87½ Dry 80.3
Wet 76 Wet 75.2
Navy 88 Navy 81.5
Clear – Stra. 2 Clear 0.0
good breeze of wind. Force of wind 5

Temperature of Sunday night and Monday Morning

Sunday 9 P.M 80.3
Monday 3 A.M 78
9 A.M. 81
9 A M 91
12 M 94.26
12 45 95.70
1 30 95.89
1 40 96 43
2 00 97.15
2 30 96.62

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Morning

~~SUNDAY~~, July 16th, 1865.

Bar 30.088
No 4 81
12 o'clock
30.088
Att. Th 80°
No 4 94½
No 1 94
Wet
~~Dry~~ 95¼
Faster 497
Air cu 3
No barge
12h 45m
Faster 505
1h 30m P.M.
Faster
506
No 4 96
No 1 95¾
Wet dry 96
Navy 97

1h 40m
Fast. 509 No 4 96¼
No 1 96 wet dry 96¼
Navy 97½
2 P.M.
Faster 513
No 4 97 ~~wet 97½~~
2h 30m Faster 5 10.5
No 1 96¼ No 4 96 3/4
Bar 30.072 wet 77½
St. Ther 87

9h 40m
Bar. 30.086
Att. Th 77
No 4 69.3
Dry 69.0
Navy Wet 66.5 — 69.8
Sky cov. 0.0
Wind 0

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Tuesday

~~MONDAY~~, July 17th, 1865.

7 A.M.
30.012
No 4 74
11 A.M.
30.038
Att. Th. 84
No 4 94
No 1 93½
Wet dry 94
Navy 95
Fastn 495
Clear
light breeze
12
Fastn 503
1 o'clock
Fastn 507
130
310
2.
Fastn 513
Z.g. 992
Att. Th. 89

No 4 97½
No 1 97
Wet dry 97
Navy 99
Wet 76
Clear
215
~~Fastn 510~~
Clouds Cu. 6
Good breeze of wind
2 8

9 P.M.
Bar. 29.953
Att. Th. 85.5
No 4 82.5
Navy 83.4
Dry 82.0
Wet 75.0
Sky cov. 0.5
Force of w. 3

Fastn
3h 5m 503.5
Storm of rain from
3h 23m to 3h 35m
3 27m 455
29.m5 445
4h 5m 439
6 55 455
" No 4 86.5
Rain fall 6.02

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Wednesday

TUESDAY, July 18th, 1865.

29.884
Dot 78.
9 o'clock
Dot 81
12½ 15"
Dot 88
Dot 89
Bar 29,880
Clouds 8
Calm

9 Rain
Fastro 408 Rain
Navy 73 2102
N. 4 73.5
Dry 72
Wet 71.8

Bar 29.822
at 7h 82

9*

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Thursday

WEDNESDAY, July 19th, 1865.

9 P M

7 0 4 6 2

No 4 62.7
Dry 62.5
Wet 57.8

10 P M

Bar 30.102
Att. Therm 68
Sky cov. 6.1
Force of wind 0.

Rain 2 1 5/2

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Forday

THURSDAY, July 20th, 1865.

Bar	30.200	10½ PM	
Dry	65	Dry	67.5
11 A.M.		Dry	66.9
Dry	80	Wet	61.0
Bar	30.228	Bar	30.155
Dry	79	Att.	70.5
Wet	65	Dry	68.3
Wind	1	Wind	0
Clouds	8	Clouds	10

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Saturday

FRIDAY, July 21st, 1865.

7 A M	2 P M		9 P M
Dry 65.5	Bar	30.036	30.000
Bar 30.060			
(Wet dry) 66	Att	69	Att 68
No 4 66	Dry	68	Dry 60.6
9½ A M	Wet dry	68.5	Wet 58.5
No 4 70.5	No 4	68.5	No 4 60.4
Dry 70.5			Navy 62.2
Wet 61.8			Clouds 10
Bar 30.111			Wind 1
Att 69			
Navy 71.2			
Clouds 10			
Wind 1			

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Sunday

SATURDAY, July 22d, 1865.

7 AM		29.872	9½ AM
65	Att	66	
60	Dry	64	
60	Wet dry	64.5	
60.5	No 4	64.5	

	2 PM	9 25 PM
Bar	29.867	29.898
Att	68.5	68.0
4	65.1	61.2
Dry	65.0	61.0
Wet	63.2	59.7
Navy	65.5	62.2
Clouds	10	0
Wind	1	0

79 oz rain

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Monday

~~SUNDAY~~, July 23d, 1865.

	7 A M	9 A M
Bar.	29.775	~~29.775~~
Att.	64	64½
Dry	61	60
Wet dry	60	60½
No 4	61	60½

2 20 P M

Bar	29.760	
Att	66	
Dry	63.5	Bulb wiped 10m before obs.
Wet	63.0	
No 4	63.5	
Navy	63.8	
Clouds	10	
wind	1	10/2 0/3 rain

9 50 P M

Bar	29.835	
Att.	66	
Dry?	60	wiped before obs.
Wet	60	Wind 6
No 4	60	Clouds 10, raining.
Navy	60.5	

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Tuesday

~~MONDAY~~, July 24th, 1865.

	7 A M	9 A M
Bar	29.930	
Att	64	66
Dry	63	69½
Wet dry	61	68
No 4	63½	70

	9 P M
No 4	68.0
Dry	67.8
Wet	64.8
Bar	29.974
Att	71.5
Navy	68.5
Clouds	0
Wind	1

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Wednesday

TUESDAY, July 25th, 1865.

	7 A M	9 A M
Bar	30.022	
Att	67½	69½
Dry	61	77
Wet dry	61½	77½
No 4	62	78

9 P M.

Att	67
Dry	66½
Wet	64½
Navy	66
A. B.	77

Cloudy 5-

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Thursday

WEDNESDAY, July 26th, 1865.

7 A M

Bar	30.091
Att	67
Dry	64
Wet Dry	64½
No 4	64½

	2½ P M	9 P M
Bar	30.124	30.105
Att.	77	75
Dry	79.0	70.5
Wet	70.0	67.8
No 4	79.1	70.6
Navy	80.0	71.7
		Clock 78.5 therm.
Clouds	1	0
Wind	1	1

15.0 Σ rain

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Friday

~~THURSDAY~~, July 27th, 1865.

	7 A M	9 A M
Bar	30.080	
Att	70	71
Dry	67½	73
Wet dry	68	73½
No 4	68	74

	3 35 P M		9 P M
Bar	30.015		29.937
Att	78		74
Dry	68.5	somewhat wet	67.5
Wet	67.8		66.6
No 4	69.1		68.5
Navy	69.7		68.5
Clock	79.3		77.8
Clouds	10		9
Wind	raining 2		2

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Saturday

~~FRIDAY.~~ July 28th, 1865.

	7 A M	9½ A M
Bar		29.898
Att.	69	
Dry	69½	
Wet dry	68	
No 4	69½	

	2 45 P M	9 15 P M
Bar	29.816	29.795
Att	71	69
Dry	66.3	63.5
Wet	65.0	63.2
No 4	66.0	63.7
Navy	66.7	64.1
Clock	74.5	72.8
Clouds	10 rain	7
Wind	5	0

1/6 of rain

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Sunday

~~SATURDAY~~, July 29th 1865.

	7 A M	2 P M
Bar	29.760	
Att	67	75
Dry	63½	78
W. B.	63	78½
No 4	64	78½

	9 P M
Bar	29.785
Att	73
No 4	68.8
Dry	68.5
Wet	66.2
Navy	69.8
Clock	77.3
Clouds	0
Wind	0

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Monday

~~SUNDAY~~, July 30th, 1865.

7 A M	9 A M
29·817	
68½	70½
66	74½
64	75
66½	75½

2h 20m	9 P M
Bar. 29·825	29·867
Att. 77	71
Dry 78·3	65·4
Wet 68·2	64·0
No 4 78·3	65·2
Navy 79·5	65·5
Cloth 78·5	76·2
Clouds 8	10
Wind 1	0

32 oz rain

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Tuesday

~~MONDAY~~, July 31st, 1865.

7 A M		9 A M
29.919	Bar	
68	AH	69
64	Dry	69½
63½	Wet Dry	69
64½	No 4	70

9 P.M.

29.968	Bar.	
72.	Al. Ther.	
67	Navy	
3.4	Fahr.	
66	N°. 4	
66.	Dry	
61	Wet	

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Wednesday

~~TUESDAY~~, August 1st, 1865.

7 A M		9 A M
29.982	Bar.	
66	Alt.	68
64½	Dry	74½
65	Wet dry	75
65	No 4	75½

	9 P M
Bar	29.930
Alt.	73
Dry	70.3
Wet	67.0
No 4	70.8
Navy	71.4
Clock	77.3
Clouds	10
Wind	3

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Thursday

~~WEDNESDAY~~, August 2d, 1865.

7 A M		9 A M
29.864	Bar	
71½	Att.	72
72	Dry	73
72½	Wet dry	73½
73	No 4	74

2 50 P M		9 10 P M
29.787	Bar.	29.780
77	Att	76
81.2	Dry	73.5
80.2	Dry	72.0
74.9	Wet	70.9
80.8	No 4	72.3
77.2	Clock	79.2
5	Clouds	0
6	Wind	2 variable

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Friday

~~THURSDAY~~, August 3d, 1865.

7 A M		9 A M
29.900	Bar	
68	Att	70
65½	Dry	70½
66	Wet dry	70½
66½	No 4	71

	9 P M
Bar	29.999
Att	72
Navy	68.0
Dry	67.0
Wet	62.3
Fastre	~
No 4	67.3
Clock	77.0
Clouds	0
Wind	0

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Saturday

FRIDAY, August 4th, 1865.

7 AM		9 AM
29.979	Bar	
66	Att	78½
63	Dry	73½
63½	Wet dry	74
63½	No 4	74½

9 PM

Bar	29.907
Att	73
Navy	71.0
Dry	69.5
Wet	66.3
No 4	70.0
Clock	76.2
Clouds	6
Wind	2

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Sunday

~~SATURDAY~~, August 5th, 1865.

7 AM

29.837	Bar
67	Att
60	Dry
60½	Wet dry
61	No 4

2 PM

Bar	29.879
Att	74
Dry	75
Wet dry	75½
No 4	76

9 PM

Bar	29.917
Att	69
Dry	61.9
Wet	56.8
Navy	63.2
No 4	62.4
Clock	75.0
Clouds	0
Wind	3

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Monday

~~SUNDAY~~, August 6th, 1865.

7 A M		9 A M
29.858	Bar	
64	Att	65½
60½	Dry	65½
61	Wet dry	66
61	No 4	66

	9 P M
Bar	29.916
Att	71
Navy	66.1
Dry	65.0
Wet	59.5
No 4	65.3
Clock	74.0
Clouds	0
Wind	3

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Tuesday

~~MONDAY,~~ August 7th, 1865.

7 A M		9 A M
29.899	Bar	
66	Att.	67 1/2
64	Dry	69
64 1/2	Wet dry	70
64 1/2	No 4	70

2 40 P M	~~2 40 P M~~	9 P M
29.880	Bar	29.904
74	Att	72
76.0	Navy	69.8
75.1	Dry	68.8
62.4	Wet	60.0
391.1	Faster	
75.3	No 4	69.2
75.0	Clocks	75.1
4	Clouds	10
4	Wind	3

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Wednesday

~~TUESDAY,~~ August 8th, 1865.

7 AM		9 AM
29.898	Bar.	
65	Alt.	67
63	Dry	68
63 1/2	Wet dry	68 1/2
64	No 4	69

2 40 PM		9 PM
29.880	Bar	29.883
72	Alt	70
75.2	Navy	66.7
74.3	Dry	65.5
60.8	Wet	59.8
388.2	Fastra	
74.9	No 4	65.8
73.2	Clock	74.8
2	Clouds	2
2	Wind	1

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Thursday

~~WEDNESDAY~~, August 9th, 1865.

7 AM		9 AM
29.739	Bar	
66½	Att	67
61½	Dry	63
62	Wet dry	63½
62½	No 4	63½

2 50 PM		9 PM
29.684	Bar	29.736
68	Att	66
61.0	Navy	58.1
60.4	Dry	57.5
60.0	Wet	57.3
307.5	Fastre	
60.0	No 4	57.8
70.3	Clock	68.2
10 rain.	Clouds	10 light rain
2	Wind	0

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Friday

~~THURSDAY~~, August 10th, 1865.

7 A M		9 A M
29.783	Bar	
63	Att	64½
59½	Dry	63½
57½	Wet Dry	64
60	No 4	64

2 30 P M		9 P M
29.880	Bar	29.971
68	Att	68
66.2	Navy	61.7
66.6	Dry	60.8
63.5	Wet	58.2
340.5	Fastn	
66.8	No 4	61.0
68.7	Clock	70.6
7	Clouds	3
2	Wind	1

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Saturday

~~FRIDAY~~, August 11th, 1865.

7 AM		9 AM
30·016	Bar	
61	AH	63½
60	Dry	67
60½	Wet dry	67½
60	No 4	67½

2 15 PM		9 PM
30·089	Bar	30·149
71	AH	69
74·8	Navy	65·0
73·2	Dry	63·2
60·7	Wet	59·2
381!8	Faster	
73·5	No 4	63·6
71·5	Clock	72·8
1	Clouds	0
1	Wind	0

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Sunday

~~SATURDAY~~, August 12th, 1865.

7 AM

30.150	Bar
62½	AW
59½	Dry
60	Wet dry
59½	No 4

2 PM

~~Bar~~	30.194
AW	73
Dry	76½
Wet dry	77
No 4	77

9 PM

Bar	30.197
AW	69
Navy	63.7
Dry	61.5
Wet	58.6
No 4	62.3
Clock	75.0
Clouds	3
Wind	1

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Monday

~~SUNDAY~~, August 13th, 1865.

7 A M		9 A M
30.128		
63½		65
57½		68
57		68
58½		68½

2 P M		9.15 R M
30.128	Bar	30.078
73	AH A.T.	66°
77.0	Navy	61° 2
75.5	Dry	59° 1
64.7	Wet	57.4
394.5	Fastne	307.
76.0	No 4	60.6
73.2	Clock	74°
10	Clouds	
3	Wind	1

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Tuesday

~~MONDAY~~, August 14th, 1865.

9. A.M		9 A M
30.020	Bar	
63½	Att	66
63	Dry	68
61	Wet dry	68½
64	No 4	68½

2.30 P M		9 10 P M
30.045	Bar	30.026
73	Att	67
72.1	Navy	65.0
71.3	Dry	64.0
65.1	Wet	61.6
369.4	Faster	
71.3	No 4	64.0
73.2	Clock	73.5
3	Clouds	0
7	Wind	1

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Wednesday

~~TUESDAY~~, August 15th, 1865.

7 A M		9 A M
29.955	Bar	
65	Att	67
65 1/2	Dry	68
63 1/2	Wet dry	68 1/4
66	No 4	68 1/4

2 30 P M		9 P M
29.998	Bar	30.006
70	Att	69
70.4	Navy	66 1
69.5	Dry	65.0
67.8	Wet	64.6
361.2	Fastro	
69.6	No 4	65.4
72.0	Clock	72.2
10	Clouds	10
1	Wind	1

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Thursday

~~WEDNESDAY~~, August 16th, 1865.

7 AM		9 AM
30·024	Bar	
62	AH	61
54 1/4	Dry	55 1/2
54	Wet dry	56
55	No 4	56

2 30 PM		9 5 PM
30·040	Bar.	30·077
64	AH	63
63·9	Naw	56·9
62·7	Dry	55·8
58·9	Wet	51·4
323·8	Faster	
62·9	No 4	56·2
66·4	Clock	68·2
10	Clouds	0
2	Wind	2

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Friday

~~THURSDAY~~, August 17th, 1865.

7 A M		9 A M
30.030	Bar	
62	Att	61
54 1/4	Dry	55 1/2
54	Wet dry	56
55	No 4	56

2 30 P M		9 P M
29.983	Bar	29.990
65	Att	65
71.2	Naw	62.1
70.4	Dry	60.7
55.5	Wet	53.9
365.2	Faster	
70.6	No 4	61.1
66.4	Clock	68.3
0	Clouds	0
7	Wind	0

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Saturday

~~FRIDAY.~~ August 18th, 1865.

7 A M		9 A M
29.963	Bar	
59	AH	
57	Dry	67 1/2
57 1/2	Wet dry	67 1/2
58	No 4	68

2 30 P M		9h 0m P M
29.963	Bar	29.950
74	AH	72
80.3	Navy	70.5
79.2	Dry	69.4
66.9	Wet	64.0
415.8	Castre	
79.6	No 4	69.8
73.0	Clock	76.7
2	Clouds	9
2	Wind	

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Sunday

~~SATURDAY~~, August 19th, 1865.

7 A M	9 A M
29.879	29.900
64	66
61	68
61 1/2	68 3/4
62	69 1/4

Belong to Tues. Aug 21.

2 30 PM		9 PM
29.977	Bar	29.983
70	Att	67
71.7	Naw	63.5
70.0	Dry	62.6
61.5	Wet	60.0
366.0	Electric	
70.1	No 4	62.8
69.3	Clock	70.4
2	Clouds	9
1	Wind	2

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Monday

~~SUNDAY,~~ August 20th, 1865.

7 A M	
29.731	Bar
65	Att
60 1/2	Dry
61	Wet dry
61 1/2	No 4

2. 30 P M		9 P M
29.789	Bar	29.872
76	Att	65
71.0	Navy	58.7
69.4	Dry	57.8
61.2	Wet	53.1
363.2	Faster	
70.2	Noby	58.2
71.2	Clock	69.8
4	Clouds	0
4	Wind	1

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Tuesday

~~MONDAY~~, August 21st, 1865.

7 A M	
29.950	Bar
59 1/2	Att
57 1/2	Dry
58	Wet dry
58 1/2	No 4

2 30 P M		9 P M
29.977	Bar	29.983
70	Att	67
71.7	Drawy	63.5
70.0	Dry	62.6
61.5	Wet	60.0
366.0	Fastre	
70.1	No 4	62.8
69.3	Clock	70.4
5	Clouds	9
1	Wind	2

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Wednesday

~~TUESDAY~~, August 22d, 1865.

7 A M		9 A M
29.831	Bar	
64½	Att	
62	Dry	70
62½	Wet dry	69
63	No 4	70½

2 30 P M		9 P M
29.774	Bar	29.858
75	Att	69
75.5	Navy	63.3
74.8	Dry	62.2
65.9	Wet	57.0
389.0	Fastn	
75.0	No 4	62.6
73.8	Clock	72.6
1	Clouds	0
4	Wind	1

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Thursday

~~WEDNESDAY~~, August 23d, 1865.

7 A M		
29.895	Bar	
62½	AW	
55½	Dry	
56	Wet dry	
56	No 4	

2 30 P M		9 P M
29.852	Bar	29.784
63	AW	60
53.2	Navy	52.1
52.8	Dry (Bulb dried with hand from before obs.) impossible to dry it.	51.3
52.0	Wet	51.6
270.2	Faster	
53.0	No 4	51.6
64.4	Clock	63.6
10 raining	Clouds	10 raining
1	Wind	1

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Friday

~~THURSDAY~~, August 24th, 1865.

7 A M		9 A M
29.778	Bar	
58	Att	
51 1/2	Dry	59
50	Wet dry	58 1/2
52	No 4	59 1/2

2 30 P M		9 P M
29.873	Bar	29.949
67	Att	63
66.7	Navy	56.4
65.6	Dry	55.5
55.4	Wet	52.3
339.3	Fastre	
66.1	No 4	55.7
66.0	Clock	66.2
2	Clouds	0
2	Wind	3

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Saturday

~~FRIDAY~~, August 25th, 1865.

7 A M		9 A M
29.9.86 ?	inadvertently moved and approximately readjusted.	
57		
50		59½
50½		60
51		61

2 30 P M		9 P M
30.000	Bar	30.015
68	Att	65
67.5	Navy	57.5
65.8	Dry	56.3
55.4	Wet	53.5
346.0	Fastre	
67.3	No 4	57.0
66.9	Clock	68.6
4	Clouds	0
3	Wind	1

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Sunday

~~SATURDAY~~, August 26th, 1865.

7 AM

29.976 Bar
58½ Att
51½ Dry
50½ Wet dry
52 No 4.

Rain. Fall. 104 oz

2 PM

67 Att
68½ Dry
69 Wet dry
70 No 4

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Monday

~~SUNDAY~~, August 27th, 1865.

7 A M		9 A M
~~30.018~~	Bar	
60	Att	
59 1/2	Dry	65
60	Wet dry	65 1/2
60	No 4	65 1/2

2 30 P M		9 P M
30.048	Bar	30.091
71	Att	67
76.1	~~Dry~~ Navy	62.4
75.0	Dry	61 4
62.1	Wet	58.0
392.8	Fastre	
70.5	No 4	61.5
72.0	Clocks	72.6
1	Clouds	3
3	Wind	3

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Tuesday

~~MONDAY~~, August 28th, 1865.

7 AM		9 AM
30.099	Bar	
62	Att	
60½	Dry	69
61	Wet dry	69½
61	No 4	69½

2 30 PM		9 PM
30.087	Bar	30.080
71	Att	69
76.6	~~Dry~~ Navy	64.0
75.2	Dry	62.4
64.1	Wet	59.8
394.7	Fastre	
75.8	No 4	62.5
73.2	Clock	73.5
1	Clouds	1
3	Wind	0

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Wednesday

~~TUESDAY,~~ August 29th, 1865.

7 A M		9 A M
30.004		
63		
60		65 1/2
59 1/2		65 1/2
60		66

2 30 P M		9 P. M.
29.970	Bar	29.932 in
69	Att	67°
69.0	Navy	63°
67.9	Dry	62
61.4	Wet	61.6
351.8	Fastre	321°
67.8	No 4	62°.6
70.2	Clock	71.8
10	Clouds	10
1	Wind	0

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Thursday

~~WEDNESDAY~~, August 30th, 1865.

P M		
29·884	Bar	
63½	Att	
59½	Dry	66½
59	Wet dry	66
60	No 4	67

2 30 P M		
29·873	Bar	29·956
71	Att	64.
75·5	Navy	60. 8
74·6	Dry	60.4
62·6	Wet	57
387·0	Faster	304
74·5	No 4	60
73·3	Clock	72
1	Clouds	1
3	Wind	1

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THURSDAY, August 31st, 1865.

30.006

2. 30 RH.

30.006	Bar.	30.062
71.	Att	68
70.8	Navy.	64
74.6.	Dry.	63
65.2.	Wet.	60.5
390	Fashe.	324
74.9.	No. 4.	63.2
72.	clock	74.
8.	Clouds.	5
1	Wind	0

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Saturday ~~FRIDAY~~, September 1st, 1865.

7 am		11 am
30.082	Bar	30.108
	att.	69.
	Dry	73.2
	Wet	67.
	No. 4.	78.8
	Navy	79.1

2 30 PM		9 20 PM
30.043	Bar	30.043
72	Att	71
77.2	Navy	69.8
76.2	Dry	68.7
70.8	Wet	67.5
400.6	Fastre	
77.0	No 4	68.9
73.8	Clock	75.5
7	Clouds	1 haze
0	Wind	4

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Sunday

~~SATURDAY~~, September 2d, 1865.

7 AM		9 AM
29.960	Bar	
68	Att	0
70½	Dry	70½
69½	Wet dry	70½
70	No 4	71

3 0 PM		9 45 PM
29.918	Bar	29.972
77	Att	73
82.8	Navy	72.0
81.0	Dry	70.7
74.1	Wet	70.0
429.5	Fastn	
81.9	No 4	71.1
78.2	Clock	78.8
7	Clouds	D
3	Wind	1

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Monday

SUNDAY, September 3d, 1865.

At 7 A.M.		9 A.M.
30.012	Bar	30.05-
71	att	71
71	dry	80
71½		72½
70	Nat	80½

Clouds cir 10 wind 0

Bar. 30.05-
Att. 80
Dry 83.5-
Wet
Nat 85-
Clouds cir. 8
wind 0

30.053
74

9.20	Bar	30.053
	att	74.
	Navy	69.6
	Dry	67.6
	Wet	66.
	Ruddleston	68.6
	Bond	68.6
	Farhe	355.5
	Clock	82.4

Clouds 0.
wind. 1

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Tuesday

~~MONDAY~~, September 4th, 1865.

7. A. M.		9. A. M.
30.032	Bar	30.044
70	att	70
66	~~Dry~~	66.7
66	wet. dry	66
66-2	Sun	67.
	Hud Station	67
Clouds	10.	raining a little

2. 30 P.M.		9 P.M.
29.991	Bar	29.984
69	att	68
66	Navy	62.8
65.1	Dry	61.8
65.	Wet	61.8
65.6	Huddleston	62.5
336.	Foster.	3.17
65.6	Bond.	62.4
74	Clock	72
10	Clouds	10
4	Wind	2

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Wednesday
~~TUESDAY~~, September 5th, 1865.

7 AM		9 AM
29.950	Bar	29.952
64	att	66.
60	Dry	Navy 62.8
60.5	Wet	Dry 62.3
61	Navy Wet	
	Rutherfurd	62.6
	Forbes	320
	Bond	62.8
Rain Fall	66 oz	

10. PM

Bar	29.950
att	66
Navy	63
Dry	61.8
Wet	61.5
Rudd	62.4
Forbes	320.
Bond	62.5.
Clouds	9
Wind	1
Cond	70

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Thursday
~~WEDNESDAY~~, September 6th, 1865.

7 A.M.		9 A.M.
29 964	Bar	30.012
65	att	66
63½	Dry	65.8
64	Wet	59
64	No 4	65.9
	Navy.	66-8
	Huddleston	66
	Fastre	339

2.20

30.010	Bar	30.076
72	att.	63
74	Navy	63
73	Dry	61.8
61.5	Wet	57.5
73	Hudd.	62.1
380.	Fastré	319
73.4	Bond	62.3
72.6	clock	73.6
4	Clouds	0
2	Wind	1

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Friday

THURSDAY, September 7th, 1865.

~~36~~ 7. AM 9.50 am.

30.120		Bar	30.154
60		Att	65
58	Dry	Many	69.2
57	Wet dry	Dry	68.2
57.5	No 4	Wet	60.
		Hudd	68.9
		Fashe	356
		Bond	69.4

4.30 /

30.362			29.938
72		Att	68
70		Many	68
69.8		Dry	67.4
68.6		~~Fashe~~	62
69.8		Hudd	67.2
360		Fashe	350
69.9		Bond	69.8
8		Clouds	10
4		Wind	5
		Clock	73

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Saturday
~~FRIDAY~~, September 8th, 1865.

7 am

29.722	Bar	29.730
65.5	att.	72
66	Dry	Boony 78.5
66.5	Wet Dry.	Wet 75.5
		70.5
	Hud.	76.6
	Fahr	402
	Bond	77
	Clouds	8
	Wind	1

9 PM

Bar	29.872
Att	68
Navy	63.4
Dry	62.6
Wet	56.1
Fastney Huddleston	62.6
No 4	62.6
Clock	76.0
Clouds	0
Wind	5

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Sunday

~~SATURDAY~~, September 9th, 1865.

7 AM

29.972	Bar
61 1/2	Att
54 1/2	Dry
55	Wet dry
55 1/2	No 4

2 30 PM		9 PM
30.002	Bar	30.140
67	Att	64
67.5	Navy	55.0
66.6	Dry	54.0
54.8	Wet	48.5
66.6	Huddlest.	54.3
345.1	Fastre	
66.8	No 4	54.2
69.0	Clock	68.7
2	Clouds	0
5	Wind	3

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Monday

~~SUNDAY~~, September 10th, 1865.

7 A M		9 A M
30.151	Bar	
58	Att	
50	Dry	57
50 1/2	Wet dry	57 1/2
51	No 4	58

2 30 P M		9 P M
30.115	Bar	30.122
67	Att	63
67.5	Navy	57.2
66.6	Dry	55.2
54.6	Wet	52.7
66.6	Rudd.	56.1
343.9	Fastre	
66.7	No 4	55.9
67.2	Clock	68.5
0	Clouds	0
1	Wind	0

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Tuesday ~~MONDAY~~, September 11th, 1865.

7 A.M.		9 A.M.
30 052	Bar.	
~~58.~~	att.	
51.5	Dry	60
57	Wet Dry	58.5
52	N° 4	60

4.45 P.M.

29.983	Bar	29 983
71	att	67
70.8	Navy	63.3
69.9	Dry	62.8
65	Wet.	62
70.	Huddleston	62.8
363	Fastie.	321
70	Bond.	62.9
72.8	Clock	72
10	Clouds	10
3	Wind.	5 Rain

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Wednesday

TUESDAY, September 12th, 1865.

7 AM		9 AM
29.730	Bar	29733
67	att.	68.5
~~68.5~~	Dry	70.4
68	Wet	70.7
69	N° 4	70.9

Rainfall 11th and 12th 30 dy

3.15 P.M.		9h 20m P.M.
29.722	Bar	29.824
76.5	att.	72
79.3	Navy	65.6
77.9	Dry	64.7
68	Wet	60
78	Hudt.	65
409	Farbe	334
78.6.	Bono	65.5
77	Clock	76
4	Cloud	0
3	Wind	1

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Thursday

~~WEDNESDAY~~, September 13th, 1865.

7 AM		9 AM
29 .858	Bar	
65	Att	68
61	Dry	68
61.5	Wet	68.5
62.	Ozone	69

		9 PM
29 974	Bar	30.020
72	Att.	68
68.4	Hourly	60
67.5	Dry	58.7
56.5	Wet	52
67.9	Rudd.	59.1
350	Farbe.	301
67.9	Bond.	58.8

75	Clouds	73
0	Cirrus	0
1	Cumul.	1

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THURSDAY, September 14th, 1865.

7 AM

30.088 Bar
61.5 att
56 Dry
56.5 Wet Dry
57 N° 4

rainfall 48 oz.

3.30 PM 9 PM.

29.958 Bar 29.891
67 att 67
63.5 Rain 65.5
62.7 Dry 64.5 all
62.7 Wet 64.8 wet
62.6 Mean 64.8
32.2. Factor
62.2 N° 4 65.0
68 Clock 69.5
10 Cloud 10
0 Wind 5
raining

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Saturday

~~FRIDAY~~, September 15th, 1865.

7 AM		
30.058	Bar	
61	Att	
54½	Dry	56½
55	Wet dry	57
55	No 4	57

2 PM		9 PM
30.129	Bar	30.276
64	Att	59
61.1	Navy	51.0
60.5	Dry ~~Wet~~	49.6
51.0	Wet ~~Dry~~	44.9
60.4	Hadd.	50.1
310.0	Fastre	
60.6	No 4	50.0
66.5	Clock	67.0
0	Clouds	0
2	Wind	2

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Sunday

~~SATURDAY~~, September 16th, 1865.

30.400	Bar
54	Att
41	Dry
41 1/2	Wet dry
42	No 4

3. P.M.

30.384	Bar
62	att
55.7	dry
50.2	wet
56	Hudd
56	4

Clouds cir 6 Wind 2

9 PM

Bar	30.340
Att	58
Navy	50.3
Dry	47.7
Wet	46.9
Hudd.	49.0
No 4	48.3
Clock	63.5
Clouds	1
Wind	1

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Monday

~~SUNDAY~~, September 17th, 1865.

7 A M		9 A M
30.169	Bar.	
55½	Att	
53	Dry	60½
53	Wet dry	59
54	No 4	61

2 30 P M		9 15 P M
30.020	Bar	30.016
66	Att	65
74.1	Davy	66.2
73.6	Dry	65.3
64.0	Wet	62.7
73.3	Hudd.	65.5
381.6	Fastic	
73.7	No 4	65.3
65.1	Clock	70.2
6	Clouds	8
3	Wind	1

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Tuesday

~~MONDAY~~, September 18th, 1865.

7 A M		9 A M
29.906	Bar	
63	Att	
63½	Dry	67½
63	Wet dry	67
64	No 4	68

2 30 P M		9 P M
29.925	Bar	29.987
65	Att	64
62.2	Navy	61.4
61.3	Dry	60.3
60.1	Wet	59.3
61.5	Hudd.	60.7
315.3	Fastre	
61.6	No 4	60.3
68.6	Clock	68.7
10	Clouds	9
2	Wind	0

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Wednesday

~~TUESDAY~~, September 19th. 1865.

7 AM		9 AM
29.916	Bar	
61 1/2	Att	
68	Dry	59 1/2
68 1/2 } ?	Wet dry	60
69	No 4	60 1/2

2 30 PM		9 PM
29.900	Bar	29.987
64	Att	63
64.0	Navy	58.0
62.8	Dry	57.0
62.2	Wet	56.8
63.7	Hudd.	57.4
327.5	Fastre	
63.7	No 4	57.3
66.1	Clock	67.4
10	Clouds	10
1	Wind	1

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Thursday

~~WEDNESDAY~~, September 20th, 1865.

7 AM		9 AM
30·081	Bar	
59	Att	
53	Dry	53
53	Wet dry	53
54	No 4	53 1/2

rainfall 18, 19, 20th 58 1/2 oz.

2 30 PM		9 PM
30·098	Bar	30·082
59	Att	59
55·3	Navy	55·0
54·5	Dry	54·0
54·1	Wet	54·0
54·8	Hudd	54·5
278·8	Faster	
54·9	No 4	54·3
62·6	Clock	63·0
10	Clouds	10 light rain
1	Wind	1

12

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Friday

~~THURSDAY~~, September 21st, 1865.

7 AM

29.999	Bar
58	Att
50½	~~Wet~~ Dry
50½	Wet dry
51	No 4

2 45 PM		9 PM
29.904	Bar	29.879
66	Att	68
78.8	Navy ~~Dry~~	73.1
77.5	Dry ~~Wet~~	72.1
74.0	Wet	71.1
77.6	Hudd	72.2
406.8	Tastie	
78.1	No 4	72.2
68.0	Clock	73.5
7	Clouds	10
3	Wind	3

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Saturday

FRIDAY, September 22d, 1865.

9		9
29.902	Bar.	~~30.0~~
62	Att.	62
55	Dry	55½
53	Wet dry	56
55½	Dry	56

2 30

30 042	Bar	
62	Att	
57½	dry	
49	Wet	
58	4	

Clouds 0 wind N. W. 6

9 PM

Bar	30.238
Att	57
Dry	47.8
Wet	47.4
Hadd	43.4
Fastre	47.1
No 4	
Clock	47.0
Clouds	65.2
Wind	0
	1

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Sunday

SATURDAY, September 23d, 1865.

7 AM	
30.298	Bar
50 1/2	Att
40	Dry
40 1/2	Wet dry
41	No 4

2 PM		9 PM
30.325	Bar	30.348
60	Att	55
55.9	Navy ~~Dry~~	45.1
54.3	Dry ~~Wet~~	43.0
47.8	Wet	42.7
54.8	Hudd	44.1
278.1	Faster	
54.7	No 4	44.3
59.8	Clocke	62.7
1	Clouds	0
2	Wind	0

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Monday

SUNDAY, September 24th, 1865.

7 A M		9 A M
30.312	Bar	
48	Att	
39	Dry	51
39	wet dry	49
41	No 4	52

Rain fall 23d & 24th 120/4 oz

2 55 PM	
30.350	Bar
59	Att
58.5	Navy
57.4	Dry
53.0	Wet
57.5	Hudd
293.0	Fastre
57.5	No 4
60.5	block
10	Clouds
2	Wind

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Tuesday

~~MONDAY~~, September 25th, 1865.

7 AM		9 AM
30.256	Bar	
57	Att	
57	Dry	59½
57½	Wet dry	60½
58	No 4	61

2 45 PM		9 20 PM
30.173	Bar	30.124
62	Att	62
65.3	Navy	63.3
64.4	Dry	62.3
63.8	Wet	62.3
64.5	Hudd	62.7
332.7	Faster	0
64.5	No 4	62.7
64.5	Clock	66.0
10	Clouds	10 (fog)
0	Wind	0

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Wednesday

~~TUESDAY~~, September 26th, 1865.

7 AM		9 AM
30.030	Bar	
60	Att	
60½	Dry	65½
60½	Wet dry	64½
61	No 4	66

2 30 PM		9 PM
29.967	Bar	29.967
64	Att	64
69.0	Navy	60.4
67.6	Dry	60.2
67.0	Wet	60.1
67.9	Hudd	60.0
352.3	Faster	
67.9	No 4	59.7
67.3	Clock	67.8
10 light rain	Clouds	10 light rain
0	Wind	0

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Thursday

~~WEDNESDAY~~, September 27th, 1865.

7 A M		9 A M
29·983	Bar	
53	Att	
51½	Dry	53
52	Wet dry	52½
52½	No 4	54½

2 30 P M		9 P M
30.058	Bar	30·164
62	Att	60
64·5	Navy	55·7
64·4	Dry	53·6
54·0	Wet	51·0
64·5	Hudd	54·6
330·1	Fastic	
64·6	No 4	54·2
64·6	Clock	65·4
0	Clouds	0
2	Wind	0

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Friday

~~THURSDAY~~, September 28th, 1865.

7 AM		9 AM
30.300	Bar	
55	Att	
44 1/2	Dry	54 1/2
45	Wet dry	55 1/2
45 1/2	No 4	55

2 30 PM		9 PM
30.317	Bar	30.315
65	Att	61
66.9	Navy	54.4
66.2	Dry	53.1
55.1	Wet	51.9
66.0	Hudd	53.9
339.1	Fastre	
66.2	No 4	53.7
66.1	Clock	66.9
1	Clouds	1
1	Wind	2

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Saturday

~~FRIDAY~~, September 29th, 1865.

7 AM		9 AM
30.278	Bar	
55	Att	
47	Dry	56
47	Wet dry	56
48	No 4	56 1/2

2 20 PM		9 PM
30.300	Bar	30.250
68	Att	62
71.2	~~Dry~~ Navy	59.3
70.1	Dry	58.2
61.5	Wet	57.0
70.2	Hudd.	58.4
365.1	Fastre	
70.9	No 4	58.2
68.9	Clouds	68.6
10 (thin)	Clouds	10
1	Wind	0

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Sunby

~~SATURDAY~~, September 30th, 1865.

7 A M		0
30.101	Bar	
58	Att	
56	Dry	
56	Wet dry	
57	No 4	

	9 P M
Bar	30.078
Att	64
Navy	60.2
Dry	58.6
Wet	58.5
Hadd	59.3
No 4	58.9
Clock	70.0
Clouds	8 very thick haze
Wind	0

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Monday

~~SUNDAY~~, October 1st, 1865.

7 A M		9 A M
30.150	Bar	
58	Att	
54	Dry	59
54 1/2	Wet dry	59 1/2
54 1/2	No 4	59 1/2

2 50 P M		9 P M
30.256	Bar	30.246
66	Att	59
63.0	Navy	51.5
62.0	Dry	50.2
50.0	Wet	49.0
61.9	Hudd	50.7
317.9	Fastre	
62.0	No 4	50.4
67.5	Clock	66.5
1 (hazy)	Clouds	1 (low haze)
2	Wind	0

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Tuesday

~~MONDAY~~, October 2d, 1865.

7 A M		9 A M
30.141	Bar	
53	Att	
42	Dry	53
42 1/2	Wet Dy	52
48	Rh	53 1/2

2 30 P M		9 P M
30.006	Bar	29.904
64	Att	64
71.1	Navy	62.5
70.1	Dry	61.3
62.0	Wet	60.0
70.4	Hudd	61.8
366.5	Fastre	
70.8	No 4	61.7
66.2	Clock	69.3
5 (thin)	Clouds	5 (thin)
1	Wind	1

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Wednesday

~~TUESDAY~~, October 3d, 1865.

7 A M		9 A M
29.738		
61		
5-8		5-9
5-8 1/2		5-9 1/2
5-9		60

2 30 P M		9 P M
29.851	Bar	29.985
59	Att	54
56.1	Navy	42.6
55.0	Dry	41.2
46.3	Wet	37.0
55.4	Hudd	41.6
282.0	Faster	
55.7	No 4	41.5
66.0	Clock	63.3
0	Clouds	0
5	Wind	4

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Thursday

~~WEDNESDAY~~, October 4th, 1865.

7 A M		9 A M
30.075		
48		
34		42
34 1/2		42 1/2
33		42 1/2

2 30 P M		9 P M
30.112	Bar	30.256
56	Alt	49
48.4	Navy	37.1
47.1	Dry	35.7
38.2	Wet	31.4
47.6	Hudd	36.3
238.3	Foster	
47.6	No 4	36.5
58.9	Clock	67.2
1	Clouds	0 (aurora cloud & arch)
5	Wind.	3
	Minimum	37.5

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Friday

~~THURSDAY~~, October 5th, 1865.

7 A M		9 A M
30.435	Bar	
43	Att	
31	Dry	39
32	Wet dry	40
32	No 4	40

Minimum of last night 30.5

2 30 P M		9 P M.
30.450	Bar	30.488
51	Att	47
51.0	Navy	40.2
50.0	Dry	38.7
38.1	Wet	35.9
50.4	Hudd	39.3
353.0	Faster	
50.3	No 4	39.2
67.4	Clock	66.6
0	Clouds	0
3	Wind	0
	Min	40.0

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Saturday

~~FRIDAY~~, October 6th, 1865.

7 A.M.		9 A.M.
30.465		
44		
32		43½
32½		44
33		43

2 35 PM		9 PM
30.372	Bar	30.339
56	Att	52
59.2	Navy	46.7
58.1	Dry	45.3
44.0	Wet	41.0
58.2	Hudd	46.0
296.8	Fastre	
58.2	No 4	45.9
68.3	Clock	67.0
0	Clouds	0
2	Wind	2

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Sunday

~~SATURDAY,~~ October 7th, 1865.

7 A M	
30.250	Bar
43	Att
40½	Dry
41	Wet dry
41	No 4

2 15 P M		9 P M
30.120	Bar	30.071
58	Att	58
69.1	Navy	59.5
68.8	Dry	58.9
53.8	Wet	52.1
68.0	Hudd	59.0
348.7	Faster	
67.7	No 4	58.7
69.1	Clock	73.0
3	Clouds	2 (hazy)
2	Wind	1

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Monday

~~SUNDAY~~, October 8th, 1865.

7 A M	
30.025	Bar
54½	Att
53½	Dry
54	Wet dry
54	No 4

2 30 PM		9 PM
29.987	Bar	30.062
64	Att	64
75.0	Navy	65.4
74.1	Dry	64.6
64.7	Wet	61.5
73.9	Hudd	64.9
383.5	Fastre	
73.8	No 4	65.0
73.5	Clock	73.2
0 (haze in horiz)	Clouds	9
0	Wind	0

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Tuesday

~~MONDAY~~, October 9th, 1865.

7 A M		9 A M
30.2421	Bar	
57	Att	
51/2	Dry	51
52	Wet dry	51/2
52	No 4	51/2

2 30 PM		9 PM
30.341	Bar	30.380
55	Att	54
51.2	Navy	48.0
50.0	Dry	46.9
45.7	Wet	43.2 ~~46.9~~
50.3	Hudd	47.1
253.2	Fastn	
50.2	No 4	47.1
64.8	Clock	67.5
8	Clouds	8
3	Wind	2

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Wednesday

~~TUESDAY~~, October 10th, 1865.

7 A M		9 A M
30.377		
51		
42 1/2		50
43		50 1/2
43		51

2 30 P M		9 P M
30.350	Bar	30.336
56	Att	52.9
52.1	Wary	45.8
51.3	Dry	44.3
46.3	Wet	43.0
51.5	Hadd	45.0
258.3	Fastre	
51.3	No 4	44.8
72.0	Clock	75.1
2	Clouds	2
2	Wind	0

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Thursday

~~WEDNESDAY~~, October 11th, 1865.

7 A M		9 A M
30.235	Bar	
47 1/2	Att	
37 1/2	Dry	58 1/2
38	Wet dry	59
38	No 4	59

2 30 P M		9 P M
30.236	Bar	30.190
56.1	Att	52.7
54.0	Hudd .2	45.0
52.5	Dry	43.8
44.6	Wet	43.2
52.7	Hudd	44.2
266.0	Fastre	
52.4	No 4	44.0
69.8	Clock	70.7
1	Clouds	3
2	Wind	1

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Friday

~~THURSDAY,~~ October 12th, 1865.

7 A M	9 A M
30.081	
49	
43/2	48
43/2	48
44	49

2 30 P M		9 P M
30.040	Bar	
53.2	Att	52
52.8	H 2	49
51.5	Dry	49/2
48.8	Wet	49/2
52.0	H	
262.6	71	
51.9	No 4	
66.1	Clock	
10	Clouds	
2	Wind	

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Saturday

~~FRIDAY~~, October 13th, 1865.

7 AM

29.958	Bar
50 1/2	Att
44 1/2	Dry
45	Wet dry
45	No 4

Rainfall 1 oz.

2 30 PM		9 P.M.
29.977	Bar	30.000
54.0	Att	53.0
54.0	H 2	50.0
52.5	Dry	50.0
47.7	Wet	47.5
52.8	Mould	50.2
268.0	Fastre	
53.0	No 4	50.6
65.6	Clock	66.0
10	Clouds	10
3	Wind	6 N

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Sunday

~~SATURDAY~~, October 14th, 1865.

7 A M

29.990

50

42

42 1/2

42 1/2

Oct 14th Rain fall - 1.07 -

2 30 PM		9 PM
29.986	Bar	30.059
49.0	Att	49.4
46.5	H 2	50.5
45.6	Dry	49.8
45.3	Wet	46.9
45.7	H 1	50.1
229.0	Fastn	
46.0	No 4	50.1
63.0	Clock	69.2
10	Clouds	10
4 NE	Wind	4

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Monday

~~SUNDAY~~, October 15th, 1865.

7 A M		9 A M
30·118	B	
5 1/2	A	
5·0	D	5 1/2
5·1	WD	5·2
5·1	No 4	5·2

2 30 P M		9 P M
30·203	Bar	30·260
55·0	Att	52·5
55·6	H 2	45·9
54·4	Dry	44·3
47·0	wet	42·3
54·8	H 1	45·0
277·9	F.	
54·9	No 4	45·1
70·0	Clock	73·2
0	Clouds	0
1/4 N	Wind	1

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Tuesday

MONDAY, October 16th, 1865.

7 A M		9 A M
30·262	B	
4 8	A	
4 1/2	D	4 8
4 2	W D	4 8 1/2
4 2 1/2	No 4	4 9

2 30 PM		9 0 PM
30·205	B	30·084
55·8	A	53·2
57·0	H 2	44·8
55·1	D	43·2
48·6	W	42·0
55·7	H 1	44·0
283·8	F	
55·2	4	43·9
71·0	Clk.	71·0
0	C	0
2 E	W	0

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Wednesday

~~TUESDAY,~~ October 17th, 1865.

7 A M		9 A M
29.896	B	
5·0	A	
4 9	D	5-8
4 9 12	WD	5 8 12
4 9	No 4	4 8 12

2 30 P M		9 P M
29·910	B	30·032
64·0	A	57·4
66·8	H 2	50·5
66·0	D	49·2
55·2	W	44·8
66·1	H 1	49·7
341·9	F	
66·2	4	49·5
74·9	Ck	71·0
0	Cl	0
4 NW?	W	0

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Thursday

~~WEDNESDAY,~~ October 18th, 1865.

7 A M		9 A M
30-132	B	
58/12	A	
96/12	D	45/12
97/12	WD	46/12
98	H	46

2 30 PM		9 PM
30.167	B	30.198
57.7	A	53.3
59.6	H 2	47.4
58.4	D	46.1
58.9	WdDry	
49.4	W	45.1
58.5	H 1	46.7
298.8	H	
58.5	H	46.7
64.1	Ck	64.1
1	Cl.	0
1 NW	W	0

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Friday

~~THURSDAY~~, October 19th, 1865.

7 A M	
30.233	B
49	A
41	D
41/2	WD
41/2	H

2 30 PM		9 PM
30.240	B	30.249
65.1	A	57.9
63.8	N 2	53.7
63.0	D	52.1
56.7	W	51.0
63.1	N 1	52.5
323.9	H	
63.1	4	52.1
66.8	C	68.7
1 (low haze)	Cs	0
1	W	1

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Saturday

~~FRIDAY~~, October 20th, 1865.

7 AM		9 AM
30·220		
34		
47/12		52
48		52 1/2
48		52 1/2

2 30 PM		9 PM
30·217	B	30·225
63·7	A	61·0
70·2	H·2	58·2
69·6	D	56·3
61·4	W	55·2
70·0	H 1	57·3
361·8	Σ	
70·0	4	57·0
68·5	Bond (in mahog. case)	57·6
70·6	C	70·0
3	Cs	0
1	W	0

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Sunday

~~SATURDAY~~, October 21st, 1865.

7 A M	
30·184	B
5·5	A
4 4	D
4 4	WD
4 4 12	4

2 30 P M		9 P M
30·188	B	30·183
66·3	A	60·9
71·0	H 2	55·0
70·4	D	53·3
63·2	W	52·6
70·6	H 1	53·9
366·8	F	
70·8	4	53·4
69·8	Bd	54·4
69·0	C	69·3
0	Cs	4 (flying)
2	W	~~3~~

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Monday

~~SUNDAY~~, October 22d, 1865.

7 A M		9 A M
30·061	B	
5·7	A	
5·4	D	62 1/2
5·4	WD	61
5·4 1/2	4	63

2 30 P M		9 P M
29·954	B	29·950
63·5	A	62·2
71·4	H 2	63·8
70·4	D	62·7
64·1	W	61·0
70·7	H 1	63·0
368·1	#	
70·8	4	63·0
70·6	Bl	62·9
68·3	C	69·3
10	Cs	9
7	W	2

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Tuesday

~~MONDAY~~, October 23d, 1865.

7 A M		9 A M
29·880	B	
61	A	
5·7	D	5·7/2
5·6	WD	5·8
5·8	H	5·8/2

Rain fall. - 3 ⅔ -

2 30 PM		9 PM
29·830	B	29·817
61·1	A	59·2
62·9	N 2	50·8
61·9	D	49·4
52·0	W	48·1
61·8	N 1	50·0
317·5	H	
62·2	H	50·0
61·5	Bd	50·5
66·6	C	65·9
7 thin	Cs	0
0	W	0

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Wednesday

~~TUESDAY~~, October 24th, 1865.

7 A M		9 A M
29.792		
52		
41/2		42
42		42/2
42		42/2

2 30 P M		9 P M
29.798	B	29.876
57.2	A	52.8
54.0	H 2	42.2
52.7	D	41.2
42.7	W	37.7
53.2	H 1	41.8
270.0	H	
53.4	4	41.8
53.3	Bd	
60.6	C	60.0
8	Cs	0
3	W	1

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Thursday

~~WEDNESDAY~~, October 25th, 1865.

7 A M		9 A M
30·050	B	
47	A	
95½	D	37
86	wD	98
86	4	98

2 30 PM		9 PM
30·130	B	30·252
49·8	A	48·3
44·0	H 2	34·5
42·7	D	33·0
35·0	W	29·0
43·2	H 1	33·8
214·4	7	
43·3	4	34·0
	Bd	34·5
61·6	C	65·6
2	Cs	0
4	W	0
	Min	34·4

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Friday

~~THURSDAY~~, October 26th, 1865.

7 A M		9 A M
30·288		
42		
31/12		36
32		37
32		37
Rain fall		2 3/4 inch

2 30 PM		9. PM
30·223	Bar	30 130
49·2	Att	48
48·5	H 2	44
47·0	Dry	43
40·5	Wet	41.5
47·3	H 1	43.7
236·5	Hastie	
47·0	4	43.7
47·6	Bond	43.5
68·1	Clock	65
10	Clouds	10
1	Wind	2

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Saturday

~~FRIDAY~~, October 27th, 1865.

7 A M		9 A M
29.982	B	
7	A	
39	D	40 1/2
39	WD	41
40	H	41 1/2

2 30 P M		9 P M
30.017	B	30.148
50.5	A	49.7
48.5	H 2	41.0
47.2	D	39.4
44.5	W	37.3
47.7	H 1	40.3
239.9	H	
47.7	H	40.3
47.7	Bd	41.1
67.7	C	65.1
10	C_s	0
1	W	1

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Sunday

~~SATURDAY~~, October 28th, 1865.

7 A M

30.300

45

34

34 1/2

35

2 30 P M

30.335

50.1

45.9

44.4

38.0

45.0

224.7

45.1

45.4

71.0

10

2

9 P M

30.398

48.0

36.5

35.0

33.1

35.8

36.1

36.8

66.9

3

0

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Monday

~~SUNDAY~~, October 29th, 1865.

7 A M		9 A M
30·346	B	
44	A	
34	D	39
34 12	WD	39 12
35	4	39 12

Rain fell 29. and 30" inclusive

4 9 4 03

2 30 PM		9 PM
30·257	B	30·184
47·0	A	48·0
47·8	H 2	49·8
46·7	D	48·6
43·6	W	47·3
47·0	H 1	49·1
235·7	7	
47·0	4	49·1
46·9	Bd	
64·2	C	66·9
10	Cs	10
3	W	1

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Tuesday

~~MONDAY~~, October 30th, 1865.

7 A M		9 A M
29.784		
5`2		
5`7		5`9
5`7/2		5`9/2
5`7/2		5`9/2

Bar 1 PM		1/2 PM
29.435		29.4 minimum
2 30 PM		9 PM
29.481	B	29.646
56.0	A	55.7
66.0	N 2	51.0
64.8	D	50.2
63.5	W	47.0
65.4	H 1	50.8
341.0	7	
66.0	4	50.9
	Bd	51.2
65.4	C	70.7
10	Cs	10
6 variable	W	1

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Wednesday

~~TUESDAY~~, October 31st, 1865.

7 A M

29.772	B
50	A
40 12	D
41	WD
41	4

Rain = ½ oz —

2 30 PM		9 PM
29.887	B	30.054
54.6	A	49.0
51.2	H Z	41.0
50.0	D	39.7
43.5	W	36.5
50.4	H I	40.4
254.5	#	
50.5	4	40.3
50.5	Bd	41.1
64.6	C	62.0
5	Cs	
1	W	pretty bright Auroral arch 1 with streamers

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Thursday

~~WEDNESDAY~~, November 1st, 1865.

7 d M
30.198
4 3
3 2
3 2 12
3 3

9 15

2 3 P K

			P W
		B	30.125
5 0	1	D	45.7
4 4	D	H 2	36.9
4 4 12	W D	D	35.3
4 4 12	4	W	32.6
		H 1	36.1
		4	36.2
		B l	36.2
		C	65.0
		Cs	0
		W	1

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Friday

~~THURSDAY~~, November 2d, 1865.

7 A M

30.001

4 5/12

4 1

4 1/12

4 1

9 A M

4 8/12

4 9

4 8/12

2 30 P M		9 P M
30.001	B	30.088
52.8	A	51.4
58.2	H 2	47.1
57.3	D	46.0
48.0	W	42.0
57.2	H 1	46.3
290.1	F	
56.8	4	46.2
56.0	Bd	
64.2	C	70.3
0	Cs	0
1	W	1

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Saturday

~~FRIDAY~~, November 3d, 1865.

7 A M

30·232
45
32 12
33
33 12

9 A M :

7 8 12
7 9
7 9
??

2 30 P M

30·260
52·5
49·2
48·0
39·9
48 5
243·7
48·6
48 3
68·1
4
3

B
A
H·2
D
W
H 1
H
4
Bd
C
Cs
W

9 P M

30·323
48·4
41·5
40·0
35·0
40·7
40·9
41·2
68·8
10
1

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Sunday

~~SATURDAY~~, November 4th, 1865.

7 A M

30·372	B
44	A
30 12	D
31	WD
31	4

2 30 P M		9 P M
30·380	B	30·498
50·7	A	46·2
44·7	H 2	31·2
43·4	D	29·8
~~43·1~~ 36·8	W	27·3
43·7	H 1	30·2
218·0	F	·
44·0	4	30·3
44·2	Bl	31·2
67·8	C	69·0
4	Cs	1
9	W	1

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Monday

SUNDAY, November 5th, 1865.

7 A M		9 A M
30·530	B	
38	A	
20 1/2	D	27
21	WD	27 1/2
21 1/2	4	27 1/2

2 30 PM		9 15 PM
30·468	B	30·442
46·4	A	44·1
37·5	H 2	33·8
36·4	D	32·5
30·0	W	27·4
36·9	H 1	33·0
178·5	F	
37·0	4	33·0
36·6	Bd	33·0
	C	67·0
0	Cs	0
2 N W	W	2

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Tuesday

MONDAY, November 6th, 1865.

7 A M		9 A M
30.428	B	
38	A	
26	D	32 1/2
27	W D	33
27 1/2	4	33

2 45 P M		9 P M
30.398	B	30.371
47.3	A	45.2
42.2	H 2	33.8
41.3	D	31.9
34.3	W	29.1
41.7	H 1	32.7
204.8	H	
41.7	4	32.8
41.2	Bd	32.7
68.2	C	67.5
0	Cs	0
0	W	1

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Wednesday

~~TUESDAY~~, November 7th, 1865.

7 A M		9 A M
30.214	B	
3.9	A	
30	D	36_{12}
30_{12}	W D	37
30_{12}	4	37

2 30 PM		9 PM
30.129	B	30.062
53.0	A	48.8
56.5	H 2	44.6
55.5	D	43.5
41.7	W	36.2
55.5	H 1	43.9
280.9	ℋ	
55.2	4	43.7
54.1	Bd	43.6
66.6	C	70.2
0	Cs	0
1	W	1

14

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WEDNESDAY, November 8th, 1865.

Mr. Ferrel returned to day
from the Eclipse Expedition
to St Joseph Missouri

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THURSDAY, November 9th, 1865.

7 A M		9 A M
29.985	B	
47	A	
44	D	50
44 1/2	WD	50 1/2
44 1/2	4	50

2 30 P M		9 P M
29.977	B	30.008
53.9	A	50.6
63.2	B 2	49.0
62.8	D	47.8
46.3	W	40.6
62.4	H 1	48.1
318.8	H	
62.2	4	48.1
60.5	Bd	48.4
71.3	C	70.4
8	Cs	9
1	W	0

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FRIDAY, November ~~10~~th, 1865.

7 A M		9 A M
30.050	B	
46	A	
39 1/2	D	44
40	WD	44 1/2
40	4	44 1/2

2 30 PM		9 PM
29.991	B	30.050
51.5	A	52.8
62.0	N 2	48.8
61.0	D	47.4
52.2	W	44.0
60.9	N 1	48.1
311.2	H	
60.8	4	48.0
59.5	Bd	49.0
66.1	C	69.1
8	Cs	6
1	W	1

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SATURDAY, November 11th, 1865.

7 A M		9 A M
29·980	B	
4·7	A	
4 4	D	50 1/2
4 5	W D	51
4 4 1/2	4	50

2 30 P M		9 P M
29·985	B	30·100
54·0	A	52·0
58·8	H 2	44·7
57·6	D	43·7
45·1	W	39·0
57·7	H 1	44·1
295·0	Z	
57·8	4	44·1
57·4	Bd	44·7
70·0	C	73·9
1	Cs	8
4	W	1

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SUNDAY, November 12th, 1865.

7 A M

30·140	B
47	D
37½	D
38	WD
38	4

2 30 PM		9 20 PM
30·120	B	30·061
49·0	D	50·8
50·2	H 2	49·0
49·0	D	48·1
45·4	W	46·2
49·2	H 1	48·3
248·1	7	
49·2	4	48·4
49·3	Bd	48·7
69·5	C	72·2
9	Cs	10
3	W	4

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MONDAY, November 13th, 1865.

7 A M

29.962 B
57 D
46 D
46 12 W D
47 4

2 30 P M
30.024
53.0
52.5
51.4
45.0
51.8
261.5
51.8
51.2
71.5
9 Thin
3

9 45 P M
30.140
50.4
41.4
41.0
38.0
41.8

41.8
42.1
73.1
1
2

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TUESDAY, November 13th, 1865.

7 A M		9 A M
30·196	B	
46	A	
33 1/2	D	37
34	WD	37 1/2
34	4	37

2 30 P M		9 P M
30·243	B	30·312
50·3	A	43·8
47·3	H 2	36·2
46·2	D	34·5
38·8	W	31·2
46·7	H 1	35·3
232·8	H	
46·7	4	35·5
46·1	Bd	36·0
73·1	C	73·2
0	Cs	0
2	W	1

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WEDNESDAY, November 15th, 1865.

7 A M	
30·350	B
42	A
27/12	D
28	WD
28/12	4

2 30 P M		9 P M
30·342	B	30·327
51·1	A	47·5
46·2	H 2	38·3
45·2	D	36·4
40·5	W	35·6
45·6	H 1	37·3
227·0	7	
45·7	4	37·5
45·1	B2	37·4
74·9	C	73·3
1	Cs	9
0	W	1

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THURSDAY, November 16th, 1865.

7 A M		9 A M
30.240	B	
44	A	
37	D	42
37	WD	41
38	H	42/2

Rain fell. 41 3 —

2 30 PM		9 PM
30.099	B	29.897
47.0	A	49.2
49.7	H 2	50.5
48.6	D	49.5
46.6	W	48.7
48.9	H 1	49.7
246.1	H	
49.0	H	50.0
48.7	Bl	49.8
72.9	C	71.0
10	Cs	10
1	W	1

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FRIDAY, November 10th, 1865.

7 A M :	9 A M
29.332	
5'5	
5'6	5'9
5'6 12	5'8
5'7	5'9 12

Bar

10½ A M 29.30

12 M 29.360 Alt. 56.9

2 30 P M		9 P M
29.400	B	29.550
54.7	A	50.9
55.0	H 2	46.0
54.0	D	44.3
47.7	W	41.1
54.2	H 1	44.8
274.6	7	
54.1	4	44.9
53.3	Bd	44.9
72.3	C	70.9
5	C_S	9
4	W	3

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SATURDAY, November 18th, 1865.

7 A M		9 A M
29.611	B	
45	A	
31	D	41 1/2
31 1/2	WD	42
31 1/2	4	42

2 30 PM		9 15 PM
29.716	B	29.850
50.5	A	48.1
48.9	H 2	40.0
47.8	D	38.4
41.7	W	35.1
48.1	H 1	39.3
242.2	7	
48.3	4	39.3
48.1	Bd	40.1
68.1	C	71.0
8	Cs	0
5	W	2

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1866phae.proj..364.

SUNDAY, November 18th, 1865.

7 A M		9 A M
29·916	B	
42	A	
32 1/2	D	37 1/2
33	W D	38
33 1/2	4	38

Rain fall 2 in -

2 30 PM		9 PM
29·944	B	30·026
50·0	A	46·0
50·0	H 2	42·2
48·4	D	41·2
41·9	W	38·5
48·8	H 1	41·8
245·3	7	
48·9	4	41·8
48·4	Bd	42·1
68·1	C	72·9
9	Cs	7 thin
2	W	0

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MONDAY, November 20th, 1865.

7 A M		9 A M
30.080	B	
46	A	
40	D	44
40 12	WD	44 12
41	4	44 12

2 30 PM		9 PM
30.025	B	29.980
50.2	A	51.0
53.8	H 2	49.1
52.2	D	48.0
47.3	W	47.0
52.7	H 1	48.2
267.2	7	
52.6	4	48.4
52.7	Bd	
70.4	C	72.6
9	Cs	10
3	W	1

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20 th

TUESDAY, November ~~21st~~, 1865.

7 A M		9 A M
29.748	B	
54	N	
5.5 1/2	D	5.6 1/2
5.5	WD	5.6
5.6	4	5.7

Rain fall - 18 y -

2 30 PM		9 PM
29.624	B	29.600
55.0	A	54.3
60.8	H 2	56.0
59.5	D	54.5
57.8	W all	55.0
59.7	H 1	55.2
306.0	H wet	
59.8	4	55.2
59.1	Bd	55.3
68.5	C	69.0
10	Cs	10 fine rain
1	W	0

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1866phae.proj..364.

21st

WEDNESDAY. November ~~22~~d, 1865.

7 A M		9 A M
29.556	B	
50	A	
40 12	D	43
39	WD	42 12
41 12	4	43 12

2 30 PM		9 PM
29.656	B	29.784
52.3	A	47.3
45.3	N 2	37.7
~~44.1~~ 44.0	D	36.2
38.5	W	32.6
44.5	H 1	37.0
222.7	Z1	
44.6	4	37.0
44.7	Bd	36.9
67.4	C	68.2
4	Cs	0
6	W	3

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THURSDAY, November [redacted], 1865.

7 A M		9 A M
29.901	B	
43	A	
31	D	36
32	W D	37
32	4	37

2 30 PM			9 PM
29.901	B		29.878
48.2	A		46.0
42.2	H 2		35.2
41.0	D		34.0
36.0	W		34.4
41.7	H 1	all	34.5
207.1	7		
42.1	4	wet	34.5
41.9	Bd		35.1
67.2	C		70.6
9	Cs		10
1	W		0

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1866phae.proj..364.

FRIDAY, November ~~24th~~, 1865.

7 A.M.		9 A.M.
29.807	B	
43	N	
32 12	D	31 12
33 12	WD	32
33	4	32 12

2 30 P.M.		9 10 P.M.
29.765	B	29.880
44.2	N	41.7
34.1	H2	32.2
33.1	D	31.0
32.7	W	29.2
33.5	H1	31.5
160.5	H	
33.7	4	31.8
32.6	Bd	31.7
66.2 snow near bulb	C	65.4
10 Snowing	Cs	3
1	W	1

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SATURDAY, November 25th, 1865.

7 A M		9 A M
29.999	B	
39	A	
27/12	D	28 12
28	W D	29
28 12	4	29 12

2 30 P M		9 P M
29.940	B	29.950
43.7	A	40.8
32.8	H 2	32.0
31.7	D	30.4
31.8	W	32.1
32.2	H 1	31.2
152.8	7	
32.2	4	31.5
32.0	Bd	31.0
67.3	C	68.6
2	C_s	10
5	W	2

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SUNDAY, November 26th, 1865.

7 A M		9 A M
29.962	B	
39	A	
25 1/2	D	25
26	wD	25 1/2
26 1/2	4	26

2 30 P M		9 15 P M
30.132	B	30.263
41.5	A	36.2
28.7	H 2	22.8
27.2	D	21.3
~~29.6~~ 23.2	W	19.9
27.8	H 1	22.5
128.8	☿	
28.0	4	22.5
27.4	Bd	23.0
68.2	C	70.2
1	C_S	0
7	W	0

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MONDAY, November 27th, 1865.

7 A M	
30·332	B
34	A
16_{12}	D
17	WD
18	4
Rain fall.	23 3 —

2 40 PM		9 PM
30·251	B	30·272
43·8	A	42·9
40·0	H 2	34·2
38·5	D	33·0
33·0	W	32·0
39·0	H 1	33·5
189·7	H	
38·9	4	33·7
37·8	Bd	32·7
72·8	C	
1	C_S	2
4	W	1

1866phae.proj..364.

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1866phae.proj..364.

TUESDAY, November 28th, 1865.

7 A M		9 A M
30·228	B	
37	A	
26 12	D	33
27	W D	32
27 12	4	33

2 30 P M		9 P M
30·224	B	30·212
49·2	A	45·0
50·1	H 2	40·0
49·0	D	38·3
41·6	W	37·5
48·8	H 1	39·0
243·2	Z	?
48·5	4	38·8
46·6	Bd	38·7
72·0	C	70·2
0	C_S	0
1	W	1

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WEDNESDAY, November 29th, 1865.

7 A M		9 A M
30.140	B	
42	A	
39	D	43 1/2
39 1/2	WD	44
40	4	44

Rain fall 2 oz —

1866phae.proj..364.

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THURSDAY, November 30th, 1865.

7 A M 9 A M

29.62

5·3

5·4 6 2

5·9 12 6 2 12

5·9 12 6 2 12

Friday 30

11h 29.418

12 30 29.388

12 40 29.400

2. 30 P.M.

29.592

5·6.0 NE

5·1.0 1

47 wet

52 Hud

52 So 4

1866phae.proj..364.

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1866phae.proj..364.

Nov. 30th

FRIDAY, ~~December 1st~~, 1865.

7 A M

5'4

5'7 1/2

5'8

5'8

Rain fall 5-6 1/2 in —

	9 PM
B	29.760
A	47.2
H Z	41.0
D	40.1
W	34.7
H I	40.5
H	
4	40.5
Bd	39.7
C	67.5
Cs	0
W	5

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1866phae.proj..364.

1st

SATURDAY, December 2d 1865.

7 A M		9 A M
29.842	B	
44	A	
34	D	37
34 12	WD	37 12
34 12	H	37 12

3 P M		9 15 P M
29.900	B	30.018
49.3	A	42.8
36.8	H 2	28.0
35.4	D	26.5
29.1	W	22.5
35.9	H 1	27.5
173.7	H	
36.0	4	27.5
36.0	Bd	28.1
68.4	C	67.1
0	Cs	0
5	W	3

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SUNDAY, December 3d, 1865.

7 AM

30.116	B
37	A
21	D
22	WD
22 1/2	4

2 30 PM		9 10 PM
30.157	B	30.238
46.5	A	39.2
35.5	H 2	28.5
34.1	D	26.8
26.4	W	23.8
34.7	H 1	27.7
166.0	H	
34.6	4	27.6
33.7	Bd	27.7
69.0	C	
0	Cs	0
3	W	0

1866phae.proj..364
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1866phae.proj..364.

3d

MONDAY, December 4th, 1865.

7 A M		9 A M
30·352		
36		
21 12		25
22 12		26
23		26 12

45

2 PM		9 5 PM
30·349	B	30·346
45·2	A	42·5
43·8	N 2	34·0
42·5	D	31·8
36·0	W	31·6
42·9	H 1	33·0
211·0	F	
42·8	4	32·9
41·5	Bd	32·7
68·8	C	68·5
1	Cs	0
2	W	0

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TUESDAY, December 5th, 1865.

7 A M		P M	
30.208			
39	5h 25m	29.768	
23	6 30	29 750	40
23 12			40
24			40 12
1h 45m		29.972	clouds 10 W & S
2 00		29.950	

3 10 P M		9 15 P M
29.894	B	29.749
45.2	A	46.2
49.2	H 2	50.3
47.9	D	49.8
46.4	W	47.0
48.2	H 1	49.3
243.0	Z	
48.2	4	50.0
48.3	Bd	48.8
68.3	C	71.3
10	Cs	9
6	W	5

1866phae.proj..364.

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1866phae.proj..364.

WEDNESDAY, December 6th, 1865.

7 A M		9 A M
30.051	B	
45	A	
40	D	43 12
41	WD	44
40 12	4	43 12

Rain fell up to 2 o'clock 16½ ms.

2 PM		9 10 PM
30.159	B	30.269
49.2	A	48.0
52.2	H 2	42.0
50.9	D	40.3
42.7	W	36.4
51.0	H 1	40.9
256.7	H	D
50.9	4	40.8
50.0	Bd	40.9
77.4	C	74.0
0	Cs	0
3	W	1

4½ PM 75.0

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THURSDAY, December 7th, 1865.

7 A M		9 A M	
30·322	B		
42	J		
38	D	40	12
38	12 WD	41	
38	12 4	41	

25

2 P M		9 P M
30·248	B	30·098
46·2	D	45·0
50·0	WD	43·8
48·4	4	42·3
41·0	W	40·2
48·7	H I	42·8
245·0	H	
48·9	4	42·9
48·0	BI	42·9 H
65·7	C	72·0
10	Cs	10 rain
1	W	1

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1866phae.proj..364.

FRIDAY, December 8th, 1865.

7 A M		9 A M
29.985	B	
44	A	
35	D	37 12
35 12	wD	37 12
36	4	38

2 PM		9 10 PM
29.960	B	30.068
50.3	A	49.5
52.9	N2	42.3
51.8	D	40.7
45.2	W	39.0
51.8	H1	41.4
261.0	F	
51.7	4	41.2
50.4	Bd	41.4
69.9	C	71.3
1	Cs	0
2	W	0

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SATURDAY, December 9th, 1865.

7 A M		9 A M
30.036	B	
42	A	
31 12	D	33
32	WD	33
32	4	34

1 30 PM		9 PM
29.898	B	29.596
47.2	A	46.0
47.8	H 2	48.0
46.0	D	46.4
43.9	W	47.0
46.7	H 1	46.8
234.2	7	
46.5	4	47.2
46.3	Bd	46.8
68.9	C	71.4
10	Cs	10. very light rain
3	W	0

1866phae.proj..364.
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1866phae.proj..364.

SUNDAY, December 10th, 1865.

7 A M	
29.667	B
47	A
41	D
42	W D
42	4

1 30 P M			9 P M
29.703	B		29.724
51.0	A		47.1
47.9	H Z	Pastorelli	32.6
46.5	D		33.7
40.8	W		30.2
46.9	H I		34.3
234.7	7		
46.9	4		34.5
46.2	Bd		34.7
73.2	C		71.5
3	Cs		5
3	W		0

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MONDAY, December 11th, 1865.

7 A M		9 A M
29.770	B	
40	A	
25 12	D	28
26 12	WD	29
27	H	29

1 30 PM		9 PM
29.772	B	29.928
46.2	A	38.8
31.5	P	22.0
33.5	D	23.3
27.5	W	20.2
33.9	H	24.2
162.0	7	
34.0	4	24.2
33.2	B	24.8
69.6	C	71.0
2	Cs	6
3	W	2
	Min.	24.5

1866phae.proj..364.

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TUESDAY, December 12th, 1865.

7 A M		9 A M
30·050	B	
32	A	
14	D	18 12
15	WD	19
15 12	4	19

Min. of last night 15·1

1 30 PM		9 PM.
30·022	B	30·050
44	A	36·5
25·3	P	16·3
27·1	D	17·5
22·6	W	16·5
27·7	H	19·0
128·1	F	
27·9	4	19·1
27·2	B	19·9
67·0	C	70·0
0	C_S	0
1	W	1

1866phae.proj..364.
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WEDNESDAY, December 13th, 1865.

7 A M.		9 A M
30.05? inadvertently moved before reading.		
30	N	
13	D	16
13 12	WD	16
14	4	17

Min. of last night 13.7

1 30 P M		9 P M
30.010	B	30.049
39.3	N	36.2
26.0	P	18.8
27.4	D	20.3
23.0	W	18.5
28.0	H	21.6
129.3	H	
28.2	4	21.8
27.7	B	
61.6	C	67.2
0	Cs	0
1	W	1

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THURSDAY, December 14th. 1865.

7 A M		9 A M
30.033	B	
29	A	
15	D	18
15	wD	18
16	4	19

1 30 P M		9 P M
30.027	B	30.027
39.0	A	35.0
25.0	P	17.2
26.7	D	18.1
22.2	W	17.3
27.3	H	20.0
125.8	ℋ	
27.5	4	20.0
71.6	C	66.3
1	Cs	0
1	Ω	0

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FRIDAY, December 15th, 1865.

7 A M		9 A M
30·001	B	
29	A	
13 1/2	D	14 1/2
14	WD	14 1/2
15	4	15

Min. of last night 13·4

1 30 PM		9 PM
30·027	B	30·169
32·8	A	29·0
17·9	P	10·8
19·4	D	12·5
16·2	W	11·2
20·4	H	13·5
86·1	#	
20·3	4	13·5
65·8	C	69·7
0	Cs	0
7	W	5

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SATURDAY, December 16th, 1865.

7 A M		9 A M
30·264	B	
10	D	13
10_{12}	WD	13_{12}
11	4	14

Min. of last night 9·8

1 30 PM		9 PM
30·216	B	30·268
34·2	D	30·0
25	P	13·2
27·1	D	14·8
21·8	W	13·4
27·7	H	16·0
127·3	♯	
27·8	4	15·8
63·0	C	73·3
0	C_5	0
2	W	5

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SUNDAY, December 17th, 1865.

7 A M

30.268 B

10 D

10 12 WD

11 12 4

Min. of last night 9.7

1 30 PM		9 PM
30.120	B	29.777
26.3	N	30.0
19.1	E	30.3
20.4	S	31.8
19.2	W	32.1
21.2	N	32.0
92.7		
21.5	4	32.0
59.4	C	68.5
10	Cs	10 snowing
1	W	6

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MONDAY, December 18th, 1865.

7 A M		9 A M
29·251	B	
33	A	
28 12	D	23 12
30	WD	24
29	4	24

measured - late after Storm -
64 ½ ~~in Oxygen~~

1 30 PM		
29·298	B	29 650
31·5	A	by [illegible]
24·5	P	
25·5	D	24°. VD
26·3	W	25. VD
26·4	H	25. VD
121·5	F	
26·5	4	25. VD
65·8	C	
10 Snowing	Cs	
3	W	

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TUESDAY, December 18th, 1865.

7 A M		9 A M
30·018	B	
29	A	
18 12	D	21
19	WD	21
20	4	22

1 30 PM		9 PM
30·083	B	30·168
37·0	A	33·2
26·3	P	17·7
27·7	D	19·1
25·2	W	18·3
28·3	H	20·4
131·0	#	
28·7	4	20·3
68·3	C	70·1
3	Cs	3
1	W	0

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WEDNESDAY, December 20th, 1865.

7 A M		9 A M
30.079	B	
30	N	
22 12	D	26
22	WD	25 12
23	4	27

1 30 P M		9 P M
29.976	B	29.925
33.2	N	34.0
30.7	P	28.0
32.0	D	29.3
31.7	W	27.1
32.4	H	30.0
154.3	H	
32.9	4	30.1
68.5	C	70.0
10	Cs	10
3	W	0

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THURSDAY, December ~~21st~~, 1865.

7 A M		9 A M
30.074		
32	11 15- No 4.11	
17	min. 10	12
17 12		12 12
18		13

Therm no 4

5 45	3.7°

1 30 PM		9 PM
30.226	B	30.390
27.9	A	below 25
6.5	P	−4
8.4	D	−2
7.8	W	
9.8	M	0.1
26.6	T	
9.4	H	−0.9
67.9	C	65.1
0	Cs	0
6	W	6

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21st

FRIDAY, December 22d, 1865.

7 A M		8 A M	9 A M
30.571	B		
	A		
	D		
	W D		
− 7	4	− 6	− 5

Min. of last night − 6.3

1 30 PM		9 15 PM
30.549	B	30.501
below 25	A	below 25
8.2	D	4.8
10.1	D	6.5
8.4	W	5.5
11.2	N	8.0
36.2	7	
11.3	4	7.6
55.8	C	65.7
0	Cs	7 thin
1	W	0

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SATURDAY, December 23d, 1865.

7 A M		9 A M
30.416	B	
	A	
~~28~~ 12	D	15 12
9	WD	16
9	4	17

1 30 P M		9 P M
	B	30.178
	A	29.3
32 D	P	32.0
31 WD	S	33.0
33 4	W	33.0
	H	33.7
	H	
	4	33.8
	C	74.5
	Cs	10 mist
	W	0

1866phae.proj..364.

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23d

SUNDAY, December ~~24th~~, 1865.

7 A M	
29.918	B
32	D
41	D
42	WD
42	4

Rain fall at-

1 30 PM		9 P M
29.800	B	29.633
35.0	A	38
39.5	P	46.7
40.1	D	46.7
39.0	W	47.5
40.7	H	48.0
200.2	F	
40.7	4	48.0
73.9	C	73.0
10	Cs	10 raining hard
2	W	8

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1866phae.proj..364.

MONDAY, December 25th, 1865.

7 A M		9 A M
29.502	B	
43	N	
50	D	51
50 1/2	WD	51
52	4	51 12

up to 2 o'clock. 6 P.M.

9 P M

A	43
D	42
WD	42
4	43

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TUESDAY, December 25th, 1865.

11 A. M.
8 36
Hud 36½
H. 36½

4 P.M.

3½ 27 Sun

29.788	B	
41.0	H	38
38.5	D	32
38.9	M	30
38.9	H	32½
39.0	Min	
38.0	Past.	
33.5	Wet	
2	Clouds	
1	Wind	

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WEDNESDAY, December 27th, 1865.

7 A M	9 A M
30.1 about	
3 4	
2 4	2 1
2 5	2 2
2 5 1/2	2 2

1 30 PM		9 PM
30.023	B	30.027
39.0	A	30.8
30.7	P	22.5
32.3	D	23.8
27.3	W	22.6
32.7	H	24.3
155.10	H	[illegible]
32.8	H	24.4
72.0	C	71.7
0	Cs	2 (haze in horizon)
2	W	0

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to Rain Gauge - before 27 Nov -

THURSDAY, December 28th, 1865.

7 A M		9 A M
29.766	B	
35	S	
35	D	36
34	WD	36
36	4	37
	~~5h 10m~~	
11h 20m	12 15	1 50
29.547	29.440	~~29.320~~ 29.282
37.0	37.0	2 42 29.192
29.303	B	28.775
38.5	S	39.8
35.6	B	33.2
36.8	D	34.2
37.0	W	34.5
37.0	H	35.0
181.8	H	
37.4	4	35.0
73.2	C	71.2
10 raining furiously	Cs	10 rain
~~10~~ 8	W	4

Rain fell - 12 hr - from (S B) 4. P.M. accurately

snow begun about 11 P.M.

Wind very light or zero at midnight.

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FRIDAY, December 29th, 1865.

7 A M		9 A M
28·978	B	
34	A	
21	D	19
21	W D	19½
22	4	21
11h 10m	3h 10m	
29·143	29·240	
37·7	33·0	
29·191	B	29·395
34·0	A	29·0
18·5	P	15·3
19·6	D	17·1
17·8	W	15·1
20·9	H	18·0
90·0	#	
21·1	4	17·9
63·8	C	66·7
10	Cs	1
7	W	7

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SATURDAY, December 30th, 1865.

7 A M		9 A M
29.658	B	
	A	
12	D	13
13	WD	13
13	H	14

1 30 PM		9 PM
29.755	B	29.929
32.4	A	28.5
17.8	P	13.3
19.2	D	15.1
17.0	W	14.4
20.3	N	16.2
87.0	H	
20.5	H	16.2
59.7	C	63.6
1	Cs	3
4	W	1

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SUNDAY, December 31st, 1865.

7 A M

15½
15½
17

2.00			9 PM
30.140	B	B	30.259
37°.0	Att.	A	30.5
22.6	Dry	P	13.2
23.6	Hmd.	D	14.7
23.8	Roy	W	14.2
23.0	Min	H	16.2
23.0	Max	H	
21.5	Pastor.	H	16.1
20.6	Wet	C	65.1
67°.0	Clock	Cs	0
		W	1

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Monday Dec 31 1866

7 A M	9 A M
30·222	
10	13½
10½	16
11	17

1 30 PM

30·117	B
25	A
16·3	B
18·1	D
17·3	W
19·0	H
79·3	H
18·9	4
58·9	C
10 snow	Cs
4	W

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		A	B
3	20		29.136
3	30	37.6	29.130
3	40		29.112
4	15	37.8	29.065
5	45		28.972
6	10		28.942
6	45	39.3	28.878
7	5		28.855
7	25	40.0	28.837
7	48		28.832
8	20	39.8	28.805
9	0	39.8	28.775
9	40	39.5	28.755
10	40	39.0	28.713
11	20		28.686
11	40		28.662
		wory point adjusted.	
11	45		28.646
12	5		28.628
12	27	No 4 28.8	28.638
1	4	" 28.0	28.640
1	20	Snowing	28.650

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Tuesday Dec 31st

Dr. .10 ± above
Mr. .10
H. .11
Navy 10

Sunrising with [illegible]

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Tuesday Jan 1st

7 A M 9-30 A M

18 19
18 20
19 21

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0.00 2.93
1.455 1405
0.000
2990 4335
4.445
4335
110

Mem

0.985	0.950	0.945	2880	0.960
2.415	2.440	2.440	1295	2.432
4.005	4.032	4.017	.054	4.018
5 455	5.465	5.447	1367	5.456
6.975	6.965	6975	2915	6.972

5)19838
3.967
4018

.054

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Thread intervals & Density

Ill 2.

1	5	0.150	0.198	0.192	0.540
2	4	1.630	1.670	1.680	4.980
3	3	3.222	3.275	3.235	9.732
4	2	4.672	4.695	4.710	14.077
5	1	6.203	6.196	6.190	18.589

0.199	0.205	0.185	0.589	.196	1.461	
1.656	1.672	1.643	4.971	1.657	1.584	
3.247	3.226	3.250	9.723	3.241	1.436	
4.685	4.675	4.672	14.032	4.677	1.522	
6.199	6.200	6.200	18.599	6.199		
				1.970	3.194	

0.180	0.210	0.159	.549	0.183	
1.635	1.656	1.672	4.963	1.654	
3.246	3.240	3.241	9.727	3.242	
4.675	4.690	4.658	14.053	4.684	
6.205	6.200	6.200	18.605	6.202	
				1.965	3.193

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0.180 1.480
1.660 1.584
3.244 1.448
4.692 15.04
6.196
15.972
3.194

0.180 .196 183 .559 0186 1.471 3.1936
1.660 .657 654 1971 1.657 1.585 3.242
3.244 241 242 .727 3.242 1.442 .048
4.692 677 684 2053 4.684 15.14
6.196 199 202 5.97 6.199
15.968

3.1936
3.194
3.193
06
3.1935

0r.048 = .091
0183
0s.1093

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1	1	2	3	4	11	2

2 = 0.22
1.65
1 43
1 97
3 4 0

1 = 0.22
2 19
1.97

0.22
1.65 — 3 20

0 22

0.15̄0 1.3̄0 5̄
1.65 5̄ 1.5̄ 3̄
3.21 1.46
4 67 1.5̄0
6 17

0.19 1.43
1.62 1.58
3.20 1.46 3̄
4.66 5̄ 1.5̄ 2 3̄
6.190

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497

25.33

522.33

1805

417864

5223

94.0194

2610

94.2804

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